

**Hawaii  
State and County Data**

Volume 1, Geographic Area Series  
Part 11

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**2002  
CENSUS OF  
AGRICULTURE**

Issued June 2004

U.S. Department of Agriculture  
**Ann M. Veneman**, Secretary  
**Dr. Joseph J. Jen**, Under Secretary for  
Research, Education, and Economics  
NATIONAL AGRICULTURAL STATISTICS SERVICE  
**R. Ronald Bosecker**, Administrator

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# Introduction

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## OVERVIEW

The 2002 Census of Agriculture was taken to obtain agricultural statistics for each county or county equivalent, State, and the Nation. This publication includes information about the State and each county. The organization, content, and format of this publication are similar to previous Volume 1 Geographic Area Series publications. Program and policy decisions created several changes to the data published for 2002. These changes affected data comparability for some items. A new section, Data Changes and Comparability, on page IX provides detail about the more noteworthy changes.

## HISTORY

For 156 years (1840 - 1996), the U.S. Department of Commerce, Bureau of the Census was responsible for collecting census of agriculture data. The 1997 Appropriations Act contained a provision that transferred the responsibility for the census of agriculture from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 2002 Census of Agriculture is the 26th Federal census of agriculture and the second conducted by NASS.

The first agriculture census was taken in 1840 as part of the sixth decennial census of population. The agriculture census continued to be taken as part of the decennial census through 1950. A separate mid-decade census of agriculture was conducted in 1925, 1935, and 1945. From 1954 to 1974, the census was taken for the years ending in 4 and 9. In 1976, Congress authorized the census of agriculture to be taken for 1978 and 1982 to adjust the data reference year so that it coincided with other economic censuses. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

## USES OF CENSUS DATA

The census of agriculture is the leading source of facts and statistics about the Nation's agricultural production. It provides a detailed picture of U.S. farms and ranches every five years and is the only source of uniform, comprehensive agricultural data for every State and county or county equivalent in the United States.

Agriculture census data are routinely used by farm organizations, businesses, State departments of agriculture, elected representatives and legislative bodies at all levels of government, public and private sector analysts, and colleges and universities. Agriculture census data are used to:

- Evaluate, change, promote, and formulate farm and rural policies and programs that help agricultural producers;
- Study historical trends, assess current conditions, and plan for the future;
- Formulate market strategies, provide more efficient production and distribution systems, and locate facilities for agricultural communities;
- Make energy projections and forecast needs for agricultural producers and their communities;
- Develop new and improved methods to increase agricultural production and profitability;
- Allocate local and national funds for farm programs, e.g. extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities;

- Plan for operations during drought and emergency outbreaks of diseases or infestations of pests.

In addition agricultural news media and agricultural associations use census data as background material for stories and articles on U.S. agriculture and the foods we produce.

## AUTHORITY

The 2002 Census of Agriculture is required by law under the “Census of Agriculture Act of 1997,” Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture in 1998 and in every fifth year after, covering the prior year. The census of agriculture includes each State, Puerto Rico, Guam, the U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands.

## FARM DEFINITION

The census definition of a farm is any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the census year. The definition has changed nine times since it was established in 1850. The current definition was first used for the 1974 Census of Agriculture and has been used in each subsequent agriculture census. This definition is consistent with the definition used for current USDA surveys.

## REFERENCE PERIOD

Reference periods for the 2002 Census of Agriculture were similar to those used in the 1997 Census of Agriculture. Reference periods used were:

- Crop production is measured for the calendar year, except for a few crops such as avocados, citrus, and olives for which the production year overlaps the calendar year. See Appendix A, General Explanation for details.
- Livestock, poultry, and machinery and equipment inventories, market value of land and buildings, and grain storage capacity are measured as of December 31, of the census year.

- Crop and livestock sales, farm expenses, income from federal farm programs, irrigation, Commodity Credit Corporation loans, Conservation Reserve and Wetlands Reserve Program participation, direct sales income, chemical and fertilizer use, farm-related income, and hired farm labor data are measured for the calendar year.

## TABLES AND APPENDIXES

**Chapter 1.** Table 1 shows State-level historical data through the 1996 census and tables 2 through 54 show detailed State-level data usually accompanied by historical data from the 1997 census. Tables 55 through 61 show detailed State-level data cross-tabulated by several categories for 2002 only.

**Chapter 2.** County-level data are presented in 51 tables in 2 different table formats - County and County summary. Most tables include 1997 historical data. County tables include general data for all Counties within the States. The County names are listed in alphabetical order in the column headings. County summary tables provide more comprehensive data for all Counties reporting a data item. This is a change from the reporting practices of past censuses when data for Counties with a limited number of farms reporting an item were combined and reported as "all other counties."

**Appendix A.** Provides information about data collection and data processing activities. It also includes definitions of specific terms and phrases used in this publication, including items in the publication tables that carry the note "see text."

**Appendix B.** Describes supplemental activities conducted to improve coverage of American Indian and Alaska Native farm operators. Table A shows the total number of American Indian or Alaska Native farm operators both on and off reservations. Table B compares selected farm characteristics for farms operated by American Indian and Alaska Native farm operators with all farms. Table C provides selected operator characteristics of American Indian and Alaska Native farm operators.

**Appendix C.** Discusses the statistical methodology used in conducting and evaluating the census. Table A

summarizes nonresponse and coverage adjustment for selected items for the United States. Table B provides reliability estimates of United States totals for selected items. Table C summarizes nonresponse and coverage adjustment for selected items at the State level.

**Appendix D.** Provides facsimiles of the report forms and instruction sheets used to collect data.

## **RESPONDENT CONFIDENTIALITY**

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose information about the operations of an individual farm or ranch. All tabulated data are subjected to an extensive disclosure review prior to publication. Any tabulated item that identifies data reported by a respondent or allows a respondent's data to be accurately estimated or derived, was suppressed and coded with a 'D'. However, the number of farms reporting an item is not considered confidential information and is provided even though other information is withheld.

## **SPECIAL EFFORTS DIRECTED AT MINORITIES**

NASS implemented several activities to improve coverage of minority farm operators. These activities included, but were not limited to:

- Obtaining mail lists from organizations likely to contain names and addresses of minority farm operators; and
- Conducting pre-census promotion activities that targeted women, American Indian, African American, and Spanish, Hispanic, or Latino origin farm operators.

## **SPECIAL STUDIES AND CUSTOM TABULATIONS**

Special studies such as the 2003 Farm and Ranch Irrigation Survey and 2005 Census of Aquaculture are part of the census program and provide supplemental information to the 2002 Census of Agriculture in the respective subject area. Results are published in print and on the internet.

Custom-designed tabulations may be developed when data are not published elsewhere. These tabulations are developed to individual user specifications on a cost-reimbursable basis and shared with the public. The census Volume 1 on CD-ROM is an alternative data source that should be investigated before requesting a custom tabulation.

All special studies and custom tabulations are subject to a thorough disclosure review prior to release to prevent the disclosure of any individual respondent data. Requests for custom tabulations can be submitted via the internet from the NASS home page, by mail or by e-mail to:

Associate Administrator  
National Agricultural Statistics Service  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250  
or  
HQ AA@nass.usda.gov

## **Abbreviations and Symbols**

The following abbreviations and symbols are used throughout the tables:

-	Represents zero.		
(D)	Withheld to avoid disclosing data for individual farms.	(NA)	Not available or not published. Some historic data are not published because they are not comparable, electronic files are unavailable, or re-summarizing could compromise respondent confidentiality.
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.	(X)	Not applicable
(IC)	Independent city	(Z)	Less than half of the unit shown
(L)	Standard error or relative standard error	cwt	Hundredweight
		sq ft	Square feet

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# Data Changes and Comparability

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Several changes were made to the 2002 census program. Report form content and wording were improved, several publication tables were redesigned, and tabulated data were adjusted for coverage. In some instances, comparability with previous censuses was affected.

## REPORT FORM CHANGES

Report form changes involved eliminating items that were no longer necessary or duplicated data collected on surveys, and adding new items that were included to cover emerging agricultural products and practices.

Several production-related items were deleted, including production of fruits, nuts, and berries; number of bearing and nonbearing age trees or vines; litters of hogs farrowed; number of hogs sold for slaughter; number of sheep and lambs shorn; and pounds of wool shorn. Deleted sales items were gross value of sales for cattle fattened on grain or concentrates, feeder pigs sold, and value of individual nursery items. The farm-related injuries and deaths section was also eliminated.

New economic data were collected to provide a more complete picture of farm income and expenses. Questions relating to net cash income of the operator and the operation, crop insurance, and landlord share of income and expenses were added. Information about production contracts, grain storage, and organic farming were also collected.

For the first time, information was collected for up to three operators on each farm. For those operators who would self-identify as being of multiple races, a “more than one race” category was added to better represent

those individuals. Questions relating to computer use and Internet access on the farm were included. Principal operators were asked to report whether they worked as the hired manager on the operation.

Other changes involved splitting items from the 1997 census into multiple parts to provide more detailed data, and in some cases items from the 1997 census were combined which helped reduce respondent burden. Several questions were reworded to improve respondent comprehension.

## PUBLICATION TABLE CHANGES

In previous censuses, States and counties with a minimal number of operations reporting an item were collapsed and reported in the “all other states” and “all other counties” categories. For 2002, States and counties with at least one operation reported are reported in the respective “all other” category. This change provides more detailed information at the state/county level.

## COMPARABILITY

The 2002 Census of Agriculture introduced new methodology to account for all farms in the United States. Incompleteness in the census mail list was measured by matching list names against all qualifying operations found through canvassing sample land areas throughout the Nation. All 2002 published census items were reweighted for undercoverage. To provide comparable data, comparable 1997 data published in 2002 were also reweighted for undercoverage. An explanation of the methodology is included in Appendix C.



## HAWAII - Counties

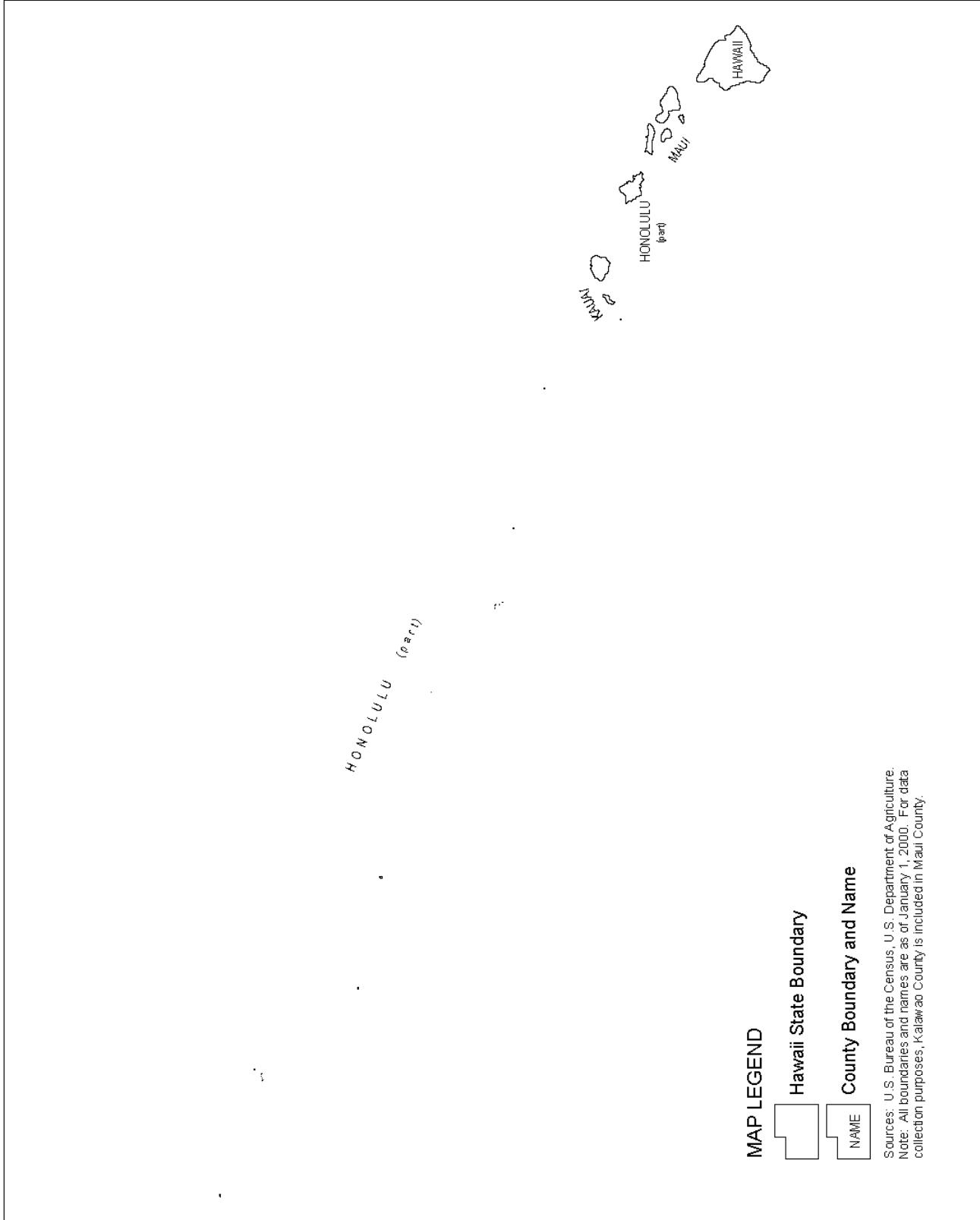


Figure 1

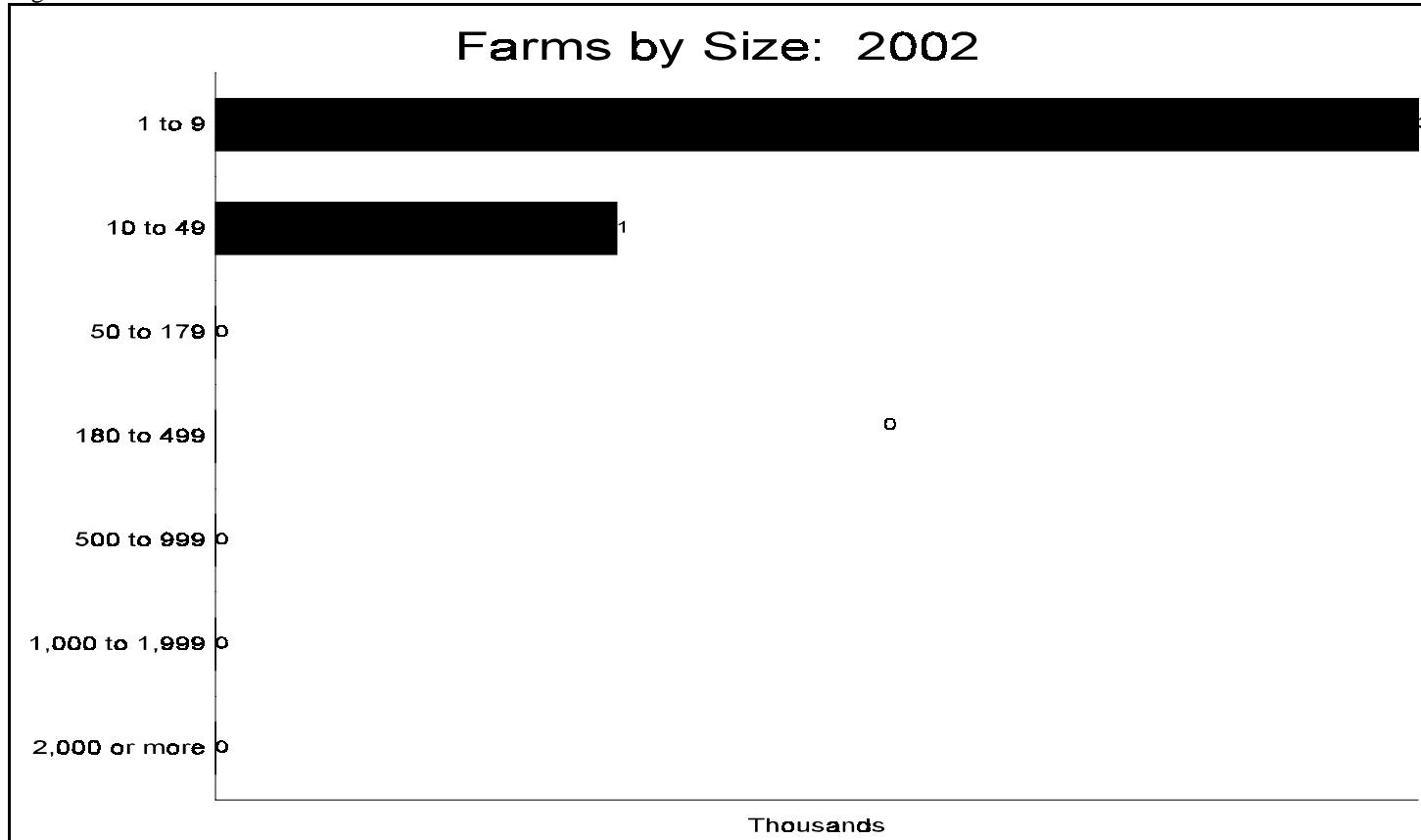


Figure 2

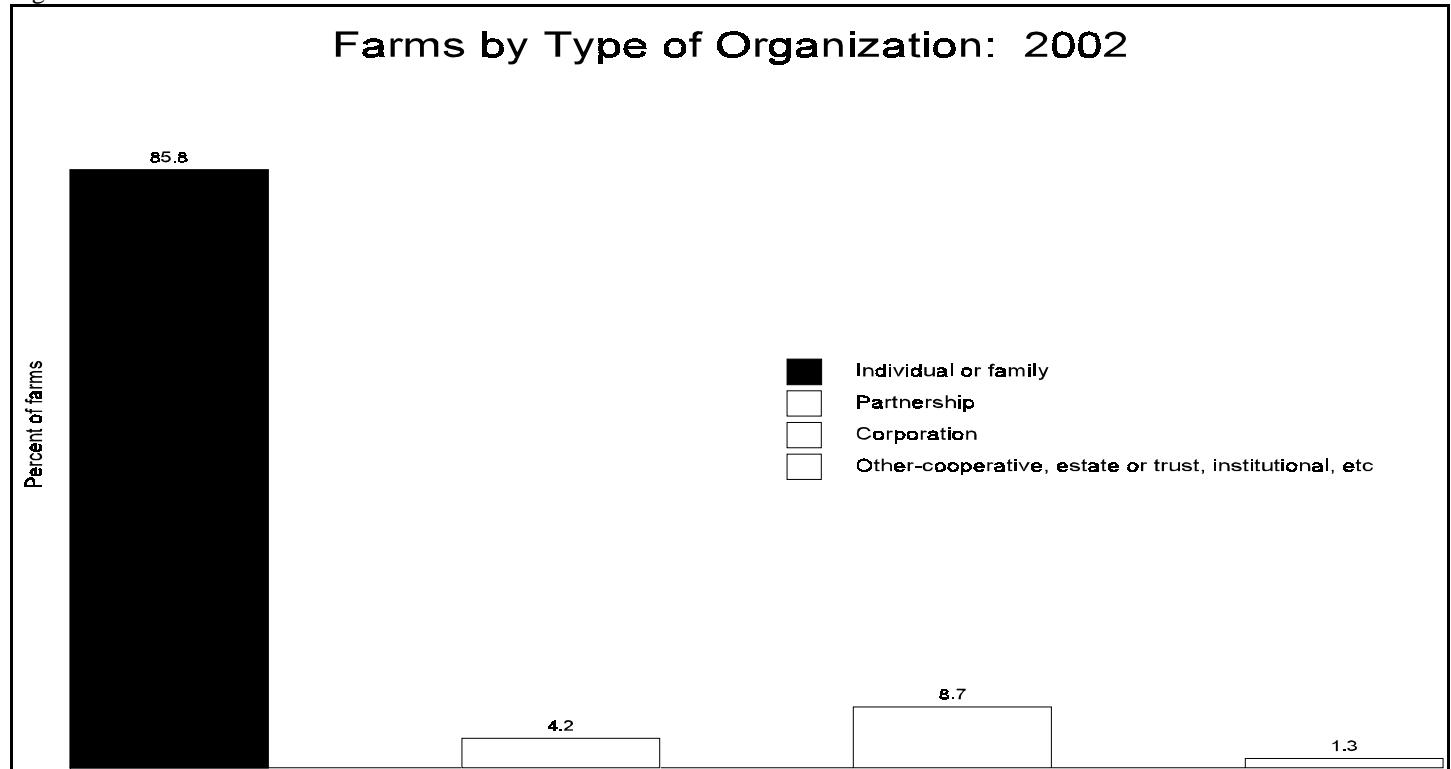


Figure 3

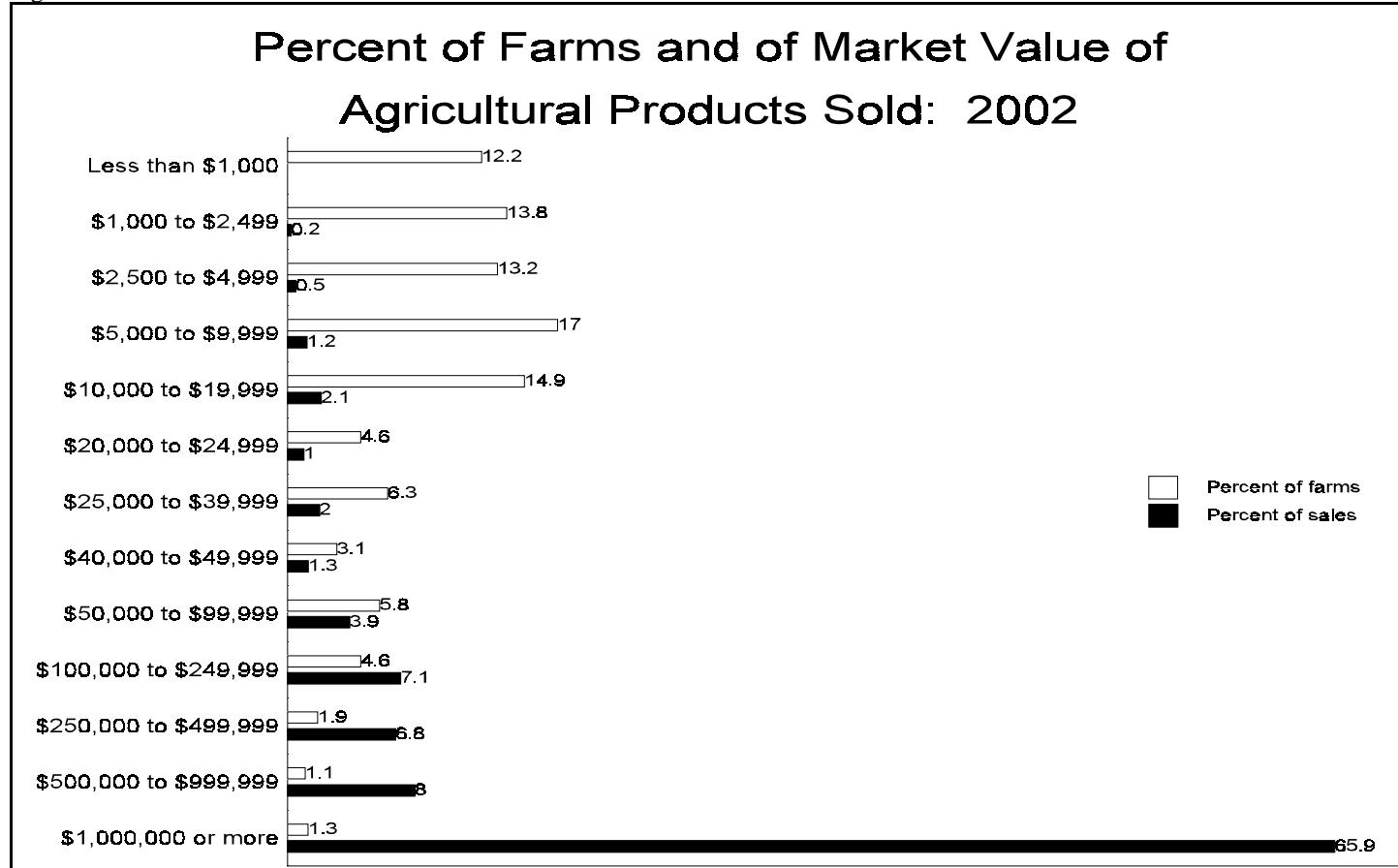


Figure 4

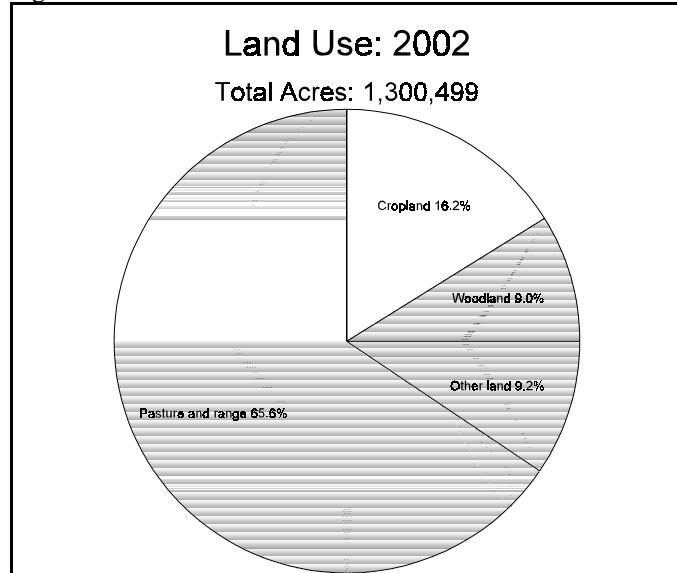


Figure 5

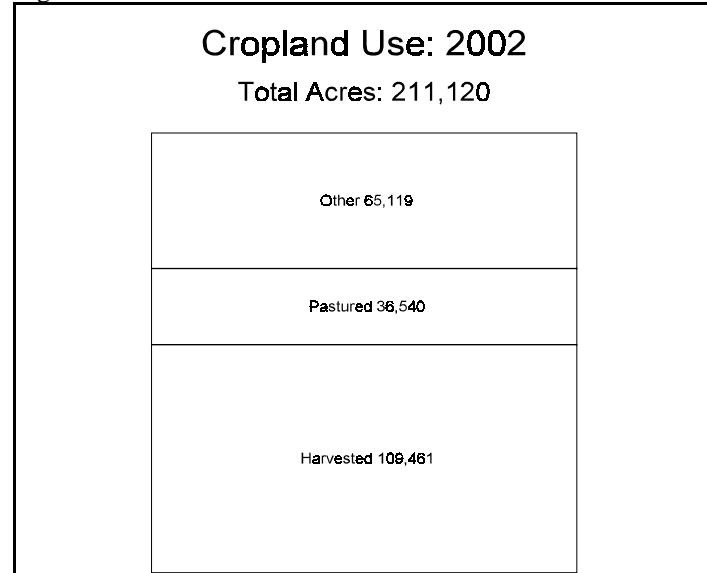


Figure 6

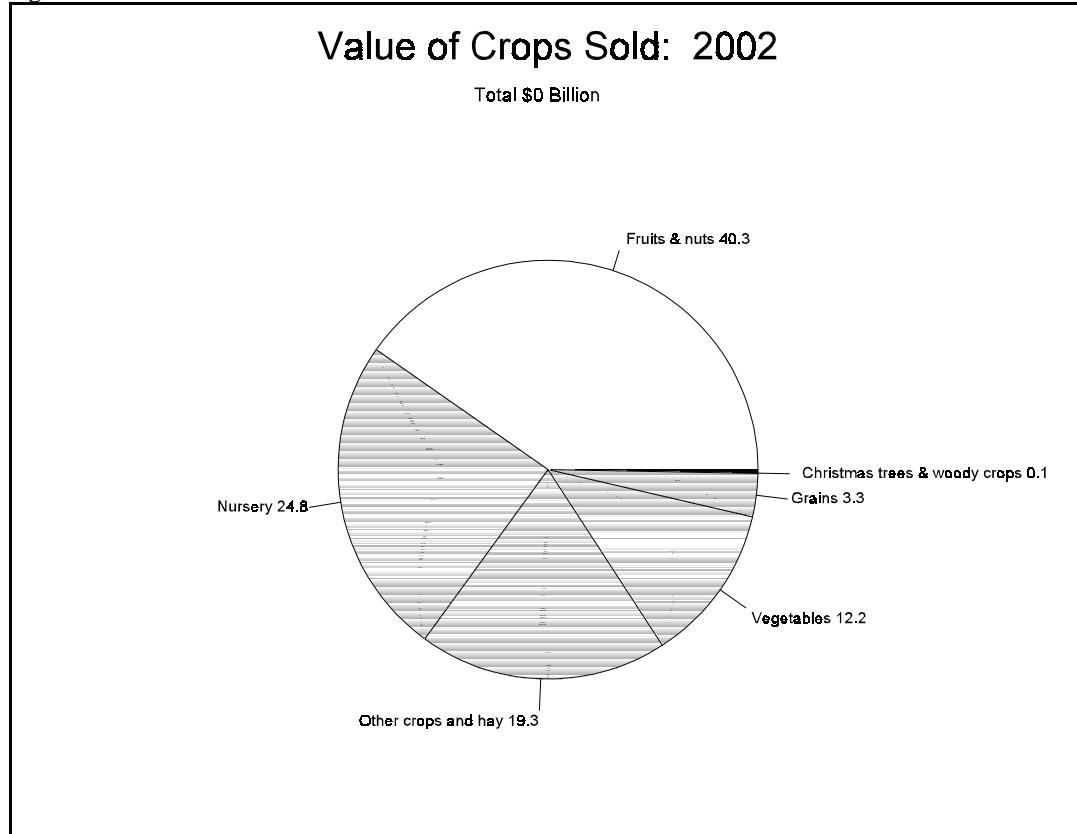


Figure 7

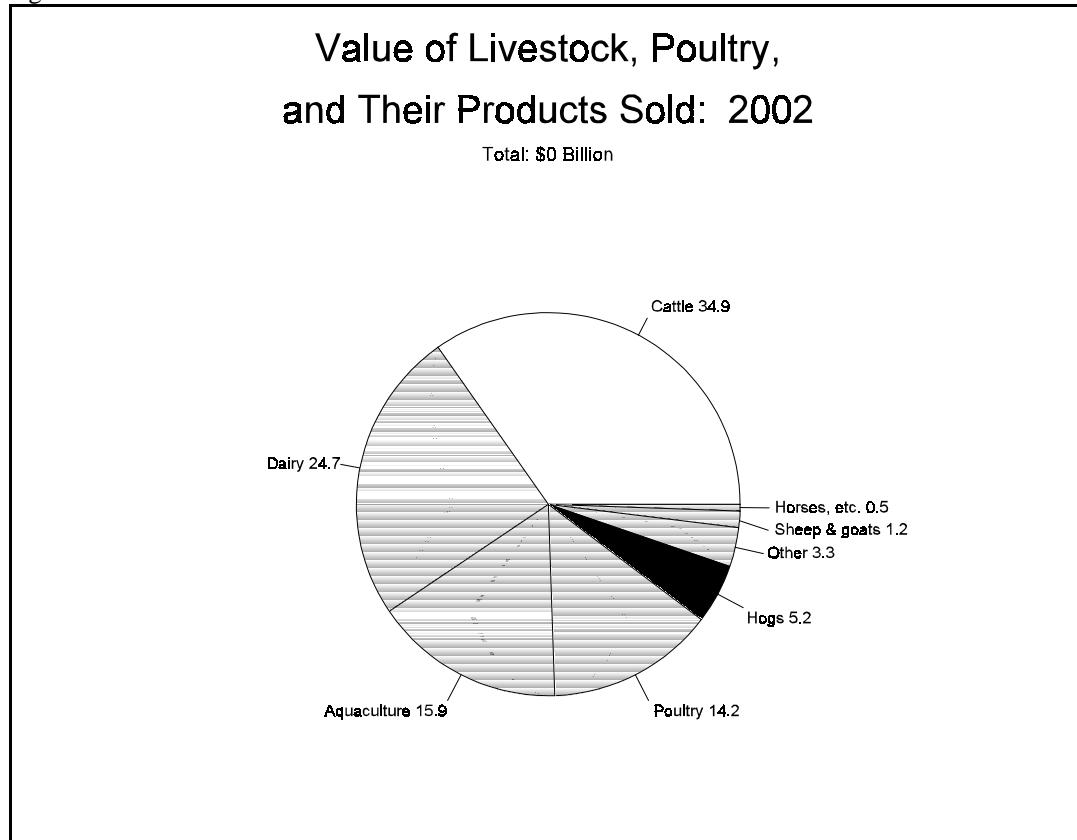


Figure 8

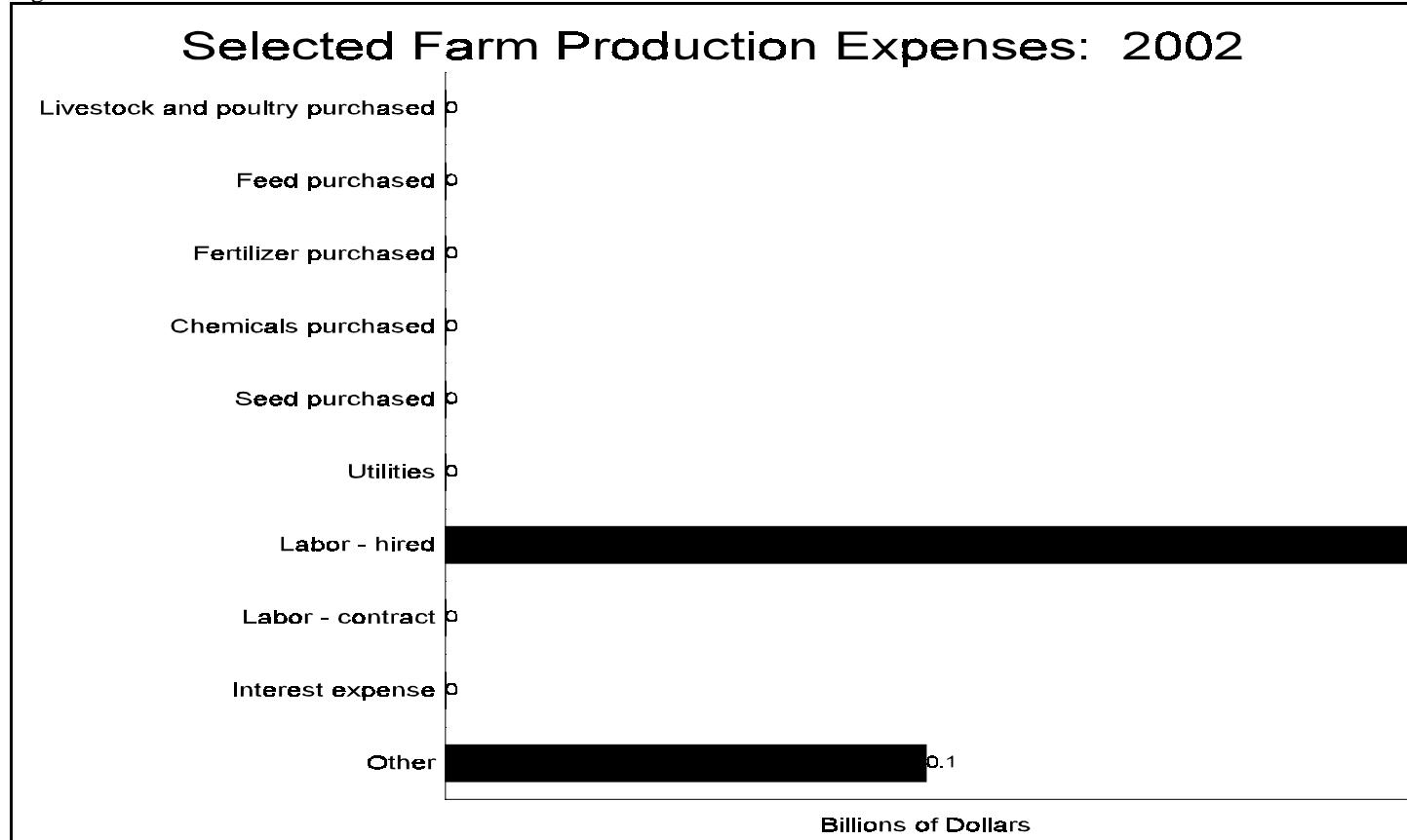
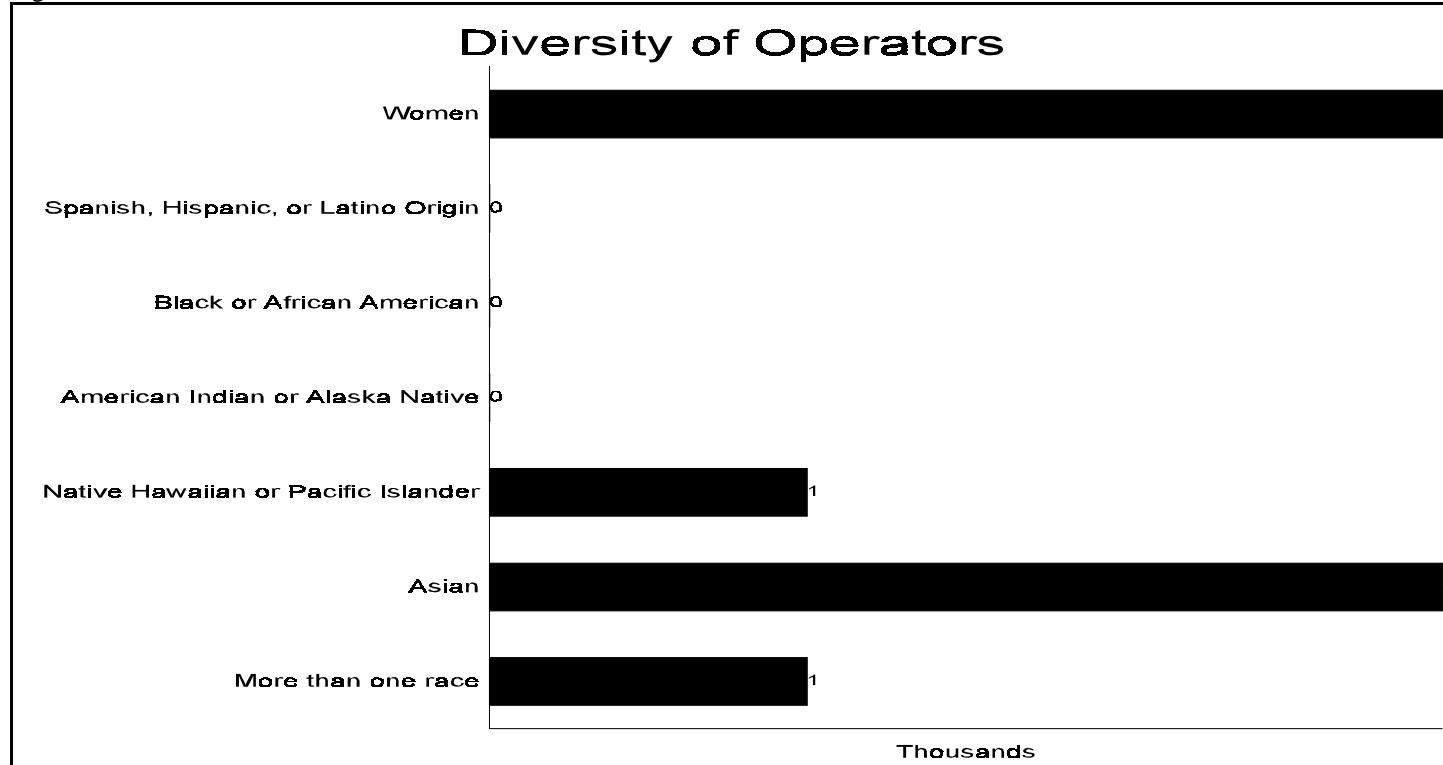


Figure 9



**Table 1. Historical Highlights: 2002 and Earlier Census Years**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002	1997	1992	1987	1982	1978	1974
Farms	5,398	5,473	5,336	4,870	4,595	4,310	3,020
Land in farms	1,300,499	1,439,071	1,588,843	1,721,521	1,957,501	1,988,282	2,118,976
Average size of farm	241	263	298	353	426	461	702
Estimated market value of land and buildings <sup>1</sup>							
Average per farm	842,875	632,281	722,189	603,435	778,471	413,948	340,570
Average per acre	3,507	2,405	2,425	1,707	1,826	897	485
Estimated market value of all machinery and equipment <sup>1</sup>	\$1,000	186,163	211,775	283,699	199,280	190,230	97,279
Average per farm	dollars	35,568	38,709	53,207	41,208	41,735	39,115
Farms by size:							
1 to 9 acres	3,440	3,456	3,410	2,855	2,743	2,527	1,633
10 to 49 acres	1,309	1,417	1,342	1,401	1,261	1,211	872
50 to 179 acres	335	318	313	341	320	296	271
180 to 499 acres	146	139	133	128	126	146	127
500 to 999 acres	61	43	34	31	33	24	23
1,000 to 1,999 acres	41	33	31	36	33	32	24
2,000 acres or more	66	67	73	78	79	74	70
Total cropland	farms	4,755	4,882	4,735	4,170	3,836	3,565
Harvested cropland	acres	211,120	292,107	293,371	327,396	346,113	333,262
Irrigated land	farms	4,522	4,594	4,472	3,837	3,538	3,299
acres	109,461	100,094	136,431	152,719	155,960	158,639	151,433
Market value of agricultural products sold (see text) <sup>2</sup>	\$1,000	533,423	496,935	552,054	609,741	558,608	419,251
Average per farm	dollars	98,819	90,798	103,458	125,203	121,569	97,274
Crops, including nursery and greenhouse crops	\$1,000	445,356	401,411	453,410	498,317	456,069	331,020
Livestock, poultry, and their products	\$1,000	88,067	95,524	98,644	111,424	102,539	88,230
Farms by value of sales <sup>3</sup> :							
Less than \$2,500	1,407	1,638	1,790	1,402	1,454	1,398	983
\$2,500 to \$4,999	44	743	754	674	706	688	466
\$5,000 to \$9,999	916	797	715	745	653	672	428
\$10,000 to \$24,999	1,056	989	865	911	788	755	(NA)
\$25,000 to \$49,999	306	925	484	476	397	350	(NA)
\$50,000 to \$99,999	352	323	291	227	227	233	(NA)
\$100,000 to \$499,999	352	334	326	278	266	209	190
\$500,000 or more	133	114	113	97	87	71	64
Farms by type of organization:							
Family or individual	4,629	4,583	4,425	4,035	3,852	3,614	(NA)
Partnership	425	328	379	404	351	326	(NA)
Corporation	472	497	456	370	352	326	(NA)
Other-cooperative, estate or trust, institutional, etc	72	65	76	61	40	44	(NA)
Principal operator by days of work off farm <sup>4</sup> :							
None	2,786	2,148	1,961	1,723	1,633	1,551	829
Any	2,612	2,827	2,864	2,728	2,534	2,495	1,449
200 days or more	1,661	1,566	1,487	1,476	1,371	1,351	889
Principal operator by primary occupation <sup>5</sup> :							
Farming	3,125	3,052	2,926	2,816	2,565	2,239	1,512
Other	2,273	2,421	2,410	2,054	2,030	2,071	1,290
Average age of principal operator <sup>5</sup>	years	56.5	55.0	53.8	53.0	52.7	55.4
Total farm production expenses <sup>6</sup>	\$1,000	450,946	398,567	466,826	495,759	(NA)	(NA)
Selected farm production expenses <sup>6</sup> :							
Livestock and poultry purchased	\$1,000	6,025	6,471	7,856	15,230	17,581	12,930
Feed purchased	\$1,000	27,997	35,749	37,060	42,629	41,548	34,227
Fertilizer, lime, and soil conditioners <sup>6,7</sup>	\$1,000	17,791	25,653	30,574	30,717	33,477	26,530
Gasoline, fuels, and oils	\$1,000	14,458	16,335	18,110	17,197	19,864	11,595
Hired farm labor	\$61,000	177,692	150,682	178,788	193,230	146,277	131,217
Interest expense <sup>8</sup>	\$61,000	8,633	13,964	14,051	22,930	17,771	(NA)
Chemicals <sup>9</sup>	\$1,000	16,134	17,187	20,396	18,233	16,417	13,700
Livestock and poultry:							
Cattle and calves inventory	farms	748	829	874	1,003	1,040	839
number	154,308	181,732	191,230	211,045	241,969	218,901	227,461
Beef cows	farms	578	625	655	724	784	659
number	83,277	93,711	87,620	83,427	90,523	85,623	86,601
Milk cows	farms	27	44	57	73	88	76
number	6,465	8,389	10,816	11,836	12,767	12,956	13,148
Cattle and calves sold	farms	550	660	699	807	817	740
number	60,739	66,726	82,788	101,315	91,675	105,088	96,419
Hogs and pigs inventory	farms	204	248	253	372	371	399
number	23,364	29,440	28,570	47,564	49,029	50,071	51,021
Hogs and pigs sold	farms	158	190	200	307	319	352
number	33,231	38,066	47,831	69,019	66,875	(D)	73,262
Layers 20 weeks old and older inventory	farms	125	(NA)	(NA)	(NA)	(NA)	(NA)
number	537,882	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Broilers and other meat-type chickens sold	farms	17	9	14	12	23	27
number	881,112	478,672	1,201,331	2,069,316	3,173,500	2,588,757	1,930,831

See footnote(s) at end of table.

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**Table 1. Historical Highlights: 2002 and Earlier Census Years - Con.**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002	1997	1992	1987	1982	1978	1974
Selected crops harvested:							
Corn for grain .....	farms acres bushels	12 4,383 203,391	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)
Corn for silage or greenchop .....	farms acres tons	2 (D) (D)	1 (D) (D)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)
Soybeans for beans .....	farms acres bushels	1 (D) (D)	1 (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)
Potatoes .....	farms acres	11 16	7 (D)	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Sweet potatoes .....	farms acres cwt	4,542 59 294	53 217	(NA) (NA)	(NA) (NA)	(NA) (NA)	(NA) (NA)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)
Sugarcane for sugar .....	farms acres	2 (D)	13 (D)	31 62,915	79,234 5,488,214	89,696 7,934,181	99,065 8,950,242
Pineapples harvested .....	farms acres tons	34 10,211 314,526	27 12,992 348,428	21 15,500 556,748	18 22,262 683,182	15 23,141 626,860	20 25,314 685,502
Vegetables harvested for sale (see text) <sup>9</sup> .....	farms acres	633 6,554	657 6,549	602 5,129	710 5,587	746 4,673	751 5,509
All land in orchards .....	farms acres	2,833 34,908	2,786 37,906	2,537 38,590	2,128 33,564	1,825 23,178	1,438 23,178

<sup>1</sup> Data are based on a sample of farms.

<sup>2</sup> Data for 1974 include the value of forest products sold.

<sup>3</sup> Data for 1982 and prior years exclude abnormal farms.

<sup>4</sup> Data for 1982 and prior years do not include imputation for item nonresponse.

<sup>5</sup> Data for 1997 and prior years do not include imputation for item nonresponse.

<sup>6</sup> Data for 1974 apply only to individual or family operations (sole proprietorships) and partnerships.

<sup>7</sup> Data for 1982 and prior years do not include cost of custom applications; data for chemicals include the cost of lime for 1978 and prior years.

<sup>8</sup> Data for 1982 and prior years exclude cost of lime and manure.

<sup>9</sup> Data for 1982 do not include imputation for item nonresponse.

<sup>10</sup> Data for 1974 were from land area used.

**Table 2. Market Value of Agricultural Products Sold Including Landlord's Share, Direct, and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002	Percent of total in 2002	1997	Item	2002	Percent of total in 2002	1997
Total sales (see text) .... farms	5,398	100.0	5,473	Total sales (see text) - Con.			
Average per farm ..... \$1,000 dollars	533,423	100.0	496,935	Value of sales by commodity or commodity group - Con.			
By value of sales:			90,798	Livestock, poultry, and their products - Con.			
Less than \$1,000 (see text) .... farms	661	12.2	816	Cattle and calves ..... farms	550	10.2	660
\$1,000 to \$2,499 .... farms	165	(Z)	189	Milk and other dairy products from cows ..... farms	30,719	5.8	27,895
\$2,500 to \$4,999 .... farms	1,207	0.2	1,336	Hogs and pigs ..... farms	10	0.2	16
\$5,000 to \$9,999 .... farms	714	13.2	743	\$1,000	21,745	4.1	29,058
\$10,000 to \$19,999 .... farms	6,366	1.2	5,635	Horses, ponies, mules, burros, and donkeys ..... farms	158	2.9	190
\$20,000 to \$24,999 .... farms	807	14.9	764	\$1,000	4,612	0.9	6,336
\$25,000 to \$39,999 .... farms	11,035	2.1	10,658	Sheep, goats, and their products ..... farms	145	2.7	(NA)
\$40,000 to \$49,999 .... farms	249	4.6	225	Horses, ponies, mules, burros, and donkeys ..... farms	1,081	0.2	(NA)
\$50,000 to \$99,999 .... farms	5,346	1.0	4,890	\$1,000	82	1.5	(NA)
\$100,000 to \$249,999 .... farms	341	6.3	383	\$1,000	418	0.1	(NA)
\$250,000 to \$499,999 .... farms	10,519	2.0	11,745	Aquaculture (see text) ..... farms	67	1.2	(NA)
\$500,000 to \$999,999 .... farms	165	3.1	152	\$1,000	14,005	2.6	(NA)
\$1,000,000 or more .... farms	7,109	1.3	6,570	Other animals and other animal products (see text) ..... farms	65	1.2	(NA)
\$1,000,000 to \$2,499,999 .... farms	314	5.8	323	\$1,000	2,940	0.6	(NA)
\$2,500,000 to \$4,999,999 .... farms	20,907	3.9	21,637	Value of landlord's share of total sales (see text) ..... farms	157	2.9	(NA)
\$5,000,000 or more .... farms	249	4.6	229	\$1,000	1,093	0.2	(NA)
	37,734	7.1	34,613	Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms	796	14.7	525
Value of sales by commodity or commodity group:				\$1,000	7,089	1.3	4,586
Crops, including nursery and greenhouse .... farms	351,486	65.9	328,627	\$1,000	8,905	(X)	8,735
Grains, oilseeds, dry beans, and dry peas .... farms	42,801	8.0	32,451	By value of sales:			
Tobacco .... farms	71	1.3	64	\$1 to \$499 ..... farms	159	2.9	105
Cotton and cottonseed .... farms	36,198	6.8	35,956	\$1,000	38	(Z)	20
Vegetables, melons, potatoes, and sweet potatoes .... farms	62	1.1	50	\$500 to \$999 ..... farms	117	2.2	63
Fruits, tree nuts, and berries .... farms	42,801	8.0	32,451	\$1,000	76	(Z)	41
Nursery, greenhouse, floriculture, and sod (see text) .... farms	14,647	2.7	(NA)	\$1,000 to \$4,999 ..... farms	277	5.1	218
Cut Christmas trees and short rotation woody crops .... farms	179,475	-	(NA)	\$1,000	603	0.1	470
Other crops and hay (see text) .... farms	1,386	25.7	(NA)	\$5,000 to \$9,999 ..... farms	96	1.8	56
Livestock, poultry, and their products .... farms	110,282	20.7	(NA)	\$10,000 to \$24,999 ..... farms	612	0.1	388
Poultry and eggs .... farms	1,007	18.7	(NA)	\$25,000 to \$49,999 ..... farms	85	1.6	51
	88,067	16.5	(NA)	\$1,000	1,214	0.2	763
	110	2.0	(NA)	\$1,000	34	0.9	18
	12,545	2.4	17,999	\$1,000	1,139	0.2	629
				\$50,000 or more ..... farms	28	0.5	14
				\$1,000	3,408	0.6	2,275
				Value of certified organically produced commodities (see text) ..... farms	140	2.6	(NA)
				\$1,000	4,801	0.9	(NA)
				Average per farm ..... dollars	34,291	(X)	(NA)
				By value of sales:			
				\$1 to \$999 ..... farms	27	0.5	(NA)
				\$1,000 to \$9,999 ..... farms	12	(Z)	(NA)
				\$1,000	66	12	(NA)
				\$1,000	204	(Z)	(NA)
				\$10,000 to \$24,999 ..... farms	27	0.5	(NA)
				\$1,000	412	0.1	(NA)
				\$25,000 to \$49,999 ..... farms	5	0.1	(NA)
				\$1,000	188	(Z)	(NA)
				\$50,000 or more ..... farms	15	0.3	(NA)
				\$1,000	3,984	0.7	(NA)

**Table 3. Economic Class of Farms by Market Value of Agricultural Products Sold and Government Payments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Market value of agricultural products sold and government payments	Market value of agricultural products sold	Government payments
Total .....	5,398 \$1,000 farms dollars	5,398 533,423 98,819	113 886 7,841
Average per farm .....	534,309 98,983		
By economic class (see text):			
Less than \$1,000 (see text) .....	658 \$1,000 farms	658 165	5
\$1,000 to \$2,499 .....	744 \$1,000 farms	744 1,203	4
\$2,500 to \$4,999 .....	715 \$1,000 farms	715 2,553	2
\$5,000 to \$9,999 .....	914 \$1,000 farms	914 6,345	8
\$10,000 to \$24,999 .....	1,060 \$1,000 farms	1,060 16,460	6
\$25,000 to \$49,999 .....	506 \$1,000 farms	506 17,633	12
\$50,000 to \$99,999 .....	313 \$1,000 farms	313 20,789	(D)
\$100,000 to \$249,999 .....	250 \$1,000 farms	250 37,701	25
\$250,000 to \$499,999 .....	105 \$1,000 farms	105 36,855	15
\$500,000 to \$999,999 .....	62 \$1,000 farms	62 42,971	174
\$1,000,000 or more .....	71 \$1,000 farms	71 351,632	178
\$1,000,000 to \$2,499,999 .....	43 \$1,000 farms	43 64,038	(D)
\$2,500,000 to \$4,999,999 .....	15 \$1,000 farms	15 (D)	(D)
\$5,000,000 or more .....	13 \$1,000 farms	13 (D)	-

**Table 4. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		
	Farms \$1,000 dollars	Expenses (\$1,000)	Farms	Expenses (\$1,000)	
Total farm production expenses .....	farms \$1,000 dollars	5,438 (X) (X)	(X) 450,946 82,925	5,471 (X) (X)	(X) 398,567 72,851
Average per farm .....					
Farms with expenses of-					
\$1 to \$4,999 .....		2,406	5,473	2,688	5,907
\$5,000 to \$9,999 .....		984	1,326	1,033	1,378
\$10,000 to \$24,999 .....		916	14,790	881	13,615
\$25,000 to \$49,999 .....		470	16,098	319	11,457
\$50,000 to \$99,999 .....		254	17,302	206	14,990
\$100,000 to \$249,999 .....		216	34,101	175	27,014
\$250,000 to \$499,999 .....		75	26,558	78	27,476
\$500,000 or more .....		117	329,299	91	290,730
\$500,000 to \$999,999 .....		62	43,795	40	26,978
\$1,000,000 to \$2,499,999 .....		28	42,768	28	42,163
\$2,500,000 or more .....		27	242,736	23	221,588
Fertilizer, lime, and soil conditioners purchased .....	farms \$1,000 percent of total	4,326 (X) (X)	(X) 17,791 3.9	4,051 (X) (X)	(X) 25,653 6.4
Farms with expenses of-					
\$1 to \$499 .....		2,298	459	1,861	396
\$500 to \$999 .....		720	464	732	471
\$1,000 to \$4,999 .....		997	1,908	1,099	2,257
\$5,000 to \$9,999 .....		158	1,061	1,173	1,151
\$10,000 to \$24,999 .....		87	1,298	118	1,727
\$25,000 to \$49,999 .....		25	838	29	971
\$50,000 to \$99,999 .....		21	1,349	16	1,121
\$100,000 or more .....		20	10,414	23	17,558
Chemicals purchased .....	farms \$1,000 percent of total	3,627 (X) (X)	(X) 16,134 3.6	3,834 (X) (X)	(X) 17,187 4.3
Farms with expenses of-					
\$1 to \$499 .....		2,202	406	2,218	449
\$500 to \$999 .....		451	290	647	418
\$1,000 to \$4,999 .....		656	1,324	713	1,328
\$5,000 to \$9,999 .....		141	973	123	1,799
\$10,000 to \$24,999 .....		125	1,782	80	1,137
\$25,000 to \$49,999 .....		22	746	18	611
\$50,000 or more .....		30	10,714	35	12,344
\$50,000 to \$99,999 .....		14	987	20	1,357
\$100,000 or more .....		16	9,727	15	10,987
Seeds, plants, vines, and trees .....	farms \$1,000 percent of total	1,887 (X) (X)	(X) 11,188 2.5	1,508 (X) (X)	(X) 10,348 2.6
Farms with expenses of-					
\$1 to \$499 .....		1,023	191	887	117
\$500 to \$999 .....		295	190	177	110
\$1,000 to \$4,999 .....		344	669	311	642
\$5,000 to \$9,999 .....		80	481	61	397
\$10,000 to \$24,999 .....		83	1,261	40	555
\$25,000 or more .....		62	8,397	32	8,527
\$25,000 to \$49,999 .....		15	523	7	265
\$50,000 or more .....		47	7,875	25	8,262
Livestock and poultry purchased .....	farms \$1,000 percent of total	329 (X) (X)	(X) 6,025 1.3	479 (X) (X)	(X) 6,471 1.6
Farms with expenses of-					
\$1 to \$999 .....		109	31	219	80
\$1,000 to \$4,999 .....		135	336	153	352
\$5,000 to \$9,999 .....		19	(D)	41	281
\$10,000 to \$24,999 .....		20	316	26	408
\$25,000 to \$49,999 .....		18	(D)	14	463
\$50,000 to \$99,999 .....		16	1,308	10	691
\$100,000 to \$249,999 .....		6	1,031	11	1,691
\$250,000 or more .....		6	(D)	5	2,505
\$250,000 to \$499,999 .....		5	(D)	3	(D)
\$500,000 to \$999,999 .....		1	(D)	2	(D)
\$1,000,000 or more .....		-	-	-	-
Breeding livestock purchased (see text) .....	farms \$1,000 percent of total	179 (X) (X)	(X) 873 0.2	(NA) (NA) (NA)	(NA) (NA) (NA)
Farms with expenses of-					
\$1 to \$999 .....		56	18	(NA)	(NA)
\$1,000 to \$4,999 .....		98	264	(NA)	(NA)
\$5,000 to \$9,999 .....		6	40	(NA)	(NA)
\$10,000 to \$24,999 .....		13	201	(NA)	(NA)
\$25,000 to \$49,999 .....		3	108	(NA)	(NA)
\$50,000 to \$99,999 .....		3	243	(NA)	(NA)
\$100,000 to \$249,999 .....		-	-	(NA)	(NA)
\$250,000 or more .....		-	-	(NA)	(NA)
\$250,000 to \$499,999 .....		-	-	(NA)	(NA)
\$500,000 to \$999,999 .....		-	-	(NA)	(NA)
\$1,000,000 or more .....		-	-	(NA)	(NA)
Other livestock and poultry purchased .....	farms \$1,000 percent of total	193 (X) (X)	(X) 5,152 1.1	(NA) (NA) (NA)	(NA) (NA) (NA)
Farms with expenses of-					
\$1 to \$999 .....		76	(D)	(NA)	(NA)
\$1,000 to \$4,999 .....		60	138	(NA)	(NA)
\$5,000 to \$9,999 .....		7	50	(NA)	(NA)
\$10,000 to \$24,999 .....		11	187	(NA)	(NA)
\$25,000 to \$49,999 .....		14	(D)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002			1997		
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)		
Total farm production expenses - Con.						
Livestock and poultry purchased - Con.						
Other livestock and poultry purchased - Con.						
Farms with expenses of - Con.						
\$50,000 to \$99,999	13	1,050	(NA)	(NA)		
\$100,000 to \$249,999	8	(D)	(NA)	(NA)		
\$250,000 or more	6	2,247	(NA)	(NA)		
\$250,000 to \$499,999	5	(D)	(NA)	(NA)		
\$500,000 to \$999,999	1	(D)	(NA)	(NA)		
\$1,000,000 or more	-	-	(NA)	(NA)		
Feed purchased	farms	1,267	(X)	845	(X)	
	\$1,000 percent of total	(X)	27,997	(X)	(X)	35,749
		6.2				9.0
Farms with expenses of -						
\$1 to \$999	539	215	436	151		
\$1,000 to \$4,999	416	836	247	477		
\$5,000 to \$9,999	115	869	51	359		
\$10,000 to \$24,999	105	1,599	34	579		
\$25,000 to \$49,999	45	1,454	23	829		
\$50,000 to \$99,999	13	1,034	19	1,317		
\$100,000 or more	34	21,990	35	32,036		
\$100,000 to \$249,999	9	(D)	11	1,889		
\$250,000 to \$499,999	13	4,477	5	1,762		
\$500,000 to \$999,999	6	4,840	10	6,346		
\$1,000,000 or more	6	(D)	9	22,039		
Gasoline, fuels, and oils	farms	4,721	(X)	5,055	(X)	
	\$1,000 percent of total	(X)	14,458	(X)	(X)	16,335
		3.2				4.1
Farms with expenses of -						
\$1 to \$999	3,001	943	3,382	1,066		
\$1,000 to \$4,999	1,386	3,045	1,360	2,868		
\$5,000 to \$9,999	150	982	169	2,118		
\$10,000 to \$24,999	132	1,937	95	1,392		
\$25,000 to \$49,999	24	792	29	996		
\$50,000 or more	28	6,760	20	8,893		
Utilities (see text)	farms	2,912	(X)	(NA)	(NA)	
	\$1,000 percent of total	(X)	19,474	(NA)	(NA)	
		4.3				
Farms with expenses of -						
\$1 to \$499	1,168	250	(NA)	(NA)		
\$500 to \$999	499	343	(NA)	(NA)		
\$1,000 to \$4,999	919	2,092	(NA)	(NA)		
\$5,000 to \$9,999	130	855	(NA)	(NA)		
\$10,000 to \$24,999	120	1,836	(NA)	(NA)		
\$25,000 or more	76	14,098	(NA)	(NA)		
\$25,000 to \$49,999	37	1,278	(NA)	(NA)		
\$50,000 or more	39	12,819	(NA)	(NA)		
Supplies, repairs, and maintenance	farms	4,626	(X)	4,020	(X)	
	\$1,000 percent of total	(X)	50,411	(X)	(X)	31,918
		11.2				8.0
Farms with expenses of -						
\$1 to \$999	2,339	788	2,179	778		
\$1,000 to \$4,999	1,496	3,117	1,382	2,739		
\$5,000 to \$9,999	357	2,352	254	1,571		
\$10,000 to \$24,999	231	3,372	131	1,912		
\$25,000 to \$49,999	90	3,265	33	1,062		
\$50,000 or more	113	37,516	41	23,851		
\$50,000 to \$99,999	53	3,483	19	2,297		
\$100,000 or more	60	34,036	22	22,559		
Hired farm labor	farms	1,527	(X)	1,652	(X)	
	\$1,000 percent of total	(X)	177,692	(X)	(X)	150,682
		39.4				37.8
Farms with expenses of -						
\$1 to \$999	272	164	451	176		
\$1,000 to \$4,999	423	914	452	1,092		
\$5,000 to \$9,999	155	964	164	1,175		
\$10,000 to \$24,999	232	3,579	195	3,042		
\$25,000 to \$49,999	130	4,307	128	4,427		
\$50,000 to \$99,999	99	6,570	99	7,003		
\$100,000 or more	216	161,194	163	133,768		
\$100,000 to \$249,999	120	18,646	87	12,935		
\$250,000 to \$499,999	46	16,129	38	12,642		
\$500,000 or more	50	126,419	38	108,192		
Contract labor	farms	824	(X)	679	(X)	
	\$1,000 percent of total	(X)	7,159	(X)	(X)	4,881
		1.6				1.2
Farms with expenses of -						
\$1 to \$999	209	91	195	84		
\$1,000 to \$4,999	320	743	289	712		
\$5,000 to \$9,999	138	931	91	622		
\$10,000 to \$24,999	97	1,381	64	979		
\$25,000 to \$49,999	36	1,220	26	941		
\$50,000 or more	24	2,793	14	1,543		
\$50,000 to \$99,999	12	765	8	594		
\$100,000 or more	12	2,028	6	949		
Customwork and custom hauling	farms	282	(X)	(NA)	(NA)	
	\$1,000 percent of total	(X)	9,232	(NA)	(NA)	
		2.0				
Farms with expenses of -						
\$1 to \$999	130	40	(NA)	(NA)		
\$1,000 to \$4,999	94	186	(NA)	(NA)		
\$5,000 to \$9,999	13	104	(NA)	(NA)		
\$10,000 to \$24,999	21	364	(NA)	(NA)		
\$25,000 to \$49,999	6	214	(NA)	(NA)		

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Total farm production expenses - Con.				
Customwork and custom hauling - Con.				
Farms with expenses of- Con.				
\$50,000 or more	18	8,324	(NA)	(NA)
\$50,000 to \$99,999	9	335	(NA)	(NA)
\$100,000 or more	13	7,989	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms \$1,000 percent of total	1,655 (X) (X)	19,723 4.4	1,620 (X) (X)
Farms with expenses of-				
\$1 to \$499	229	53	446	99
\$500 to \$999	193	133	248	172
\$1,000 to \$4,999	827	1,806	666	1,501
\$5,000 to \$9,999	156	1,047	110	1,771
\$10,000 to \$24,999	149	2,196	84	1,281
\$25,000 to \$49,999	39	1,328	32	1,160
\$50,000 or more	62	13,160	34	6,938
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms \$1,000 percent of total	343 (X) (X)	(X) 3,066 0.7	(NA) (NA) (NA)
Farms with expenses of-				
\$1 to \$499	28	5	(NA)	(NA)
\$500 to \$999	85	49	(NA)	(NA)
\$1,000 to \$4,999	135	233	(NA)	(NA)
\$5,000 to \$9,999	58	344	(NA)	(NA)
\$10,000 to \$24,999	16	287	(NA)	(NA)
\$25,000 to \$49,999	11	361	(NA)	(NA)
\$50,000 or more	10	1,788	(NA)	(NA)
Interest expense	farms \$1,000 percent of total	955 (X) (X)	(X) 8,633 1.9	1,036 (X) (X)
Farms with expenses of-				
\$1 to \$999	238	108	248	103
\$1,000 to \$4,999	302	(D)	403	972
\$5,000 to \$9,999	164	1,163	148	1,041
\$10,000 to \$24,999	205	3,292	163	2,440
\$25,000 to \$49,999	23	766	39	1,304
\$50,000 to \$99,999	13	967	17	1,045
\$100,000 or more	10	(D)	18	7,059
Secured by real estate	farms \$1,000 percent of total	611 (X) (X)	(X) 6,114 1.4	598 (X) (X)
Farms with expenses of-				
\$1 to \$999	96	(D)	109	47
\$1,000 to \$4,999	180	363	215	530
\$5,000 to \$9,999	130	930	109	769
\$10,000 to \$24,999	181	2,900	120	1,787
\$25,000 to \$49,999	10	(D)	27	893
\$50,000 to \$99,999	7	(D)	8	509
\$100,000 or more	7	(D)	10	3,130
Not secured by real estate	farms \$1,000 percent of total	430 (X) (X)	(X) 2,519 0.6	523 (X) (X)
Farms with expenses of-				
\$1 to \$999	173	66	177	75
\$1,000 to \$4,999	168	408	228	524
\$5,000 to \$9,999	42	283	43	232
\$10,000 to \$24,999	26	(D)	45	648
\$25,000 to \$49,999	13	(D)	14	486
\$50,000 to \$99,999	6	(D)	8	477
\$100,000 or more	2	(D)	8	3,797
Property taxes paid	farms \$1,000 percent of total	4,195 (X) (X)	(X) 6,463 1.4	4,166 (X) (X)
Farms with expenses of-				
\$1 to \$499	2,108	441	2,249	418
\$500 to \$999	749	517	868	610
\$1,000 to \$4,999	1,152	2,133	898	1,634
\$5,000 to \$9,999	106	717	88	611
\$10,000 to \$24,999	53	758	50	726
\$25,000 or more	27	1,898	13	1,197
All other production expenses (see text)	farms \$1,000 percent of total	2,389 (X) (X)	(X) 55,499 12.3	4,841 (X) (X)
Farms with expenses of-				
\$1 to \$999	997	363	2,535	927
\$1,000 to \$4,999	806	1,726	1,552	3,201
\$5,000 to \$9,999	184	1,149	290	1,918
\$10,000 to \$24,999	210	3,092	207	3,163
\$25,000 to \$49,999	56	1,993	112	3,962
\$50,000 to \$99,999	68	4,539	64	4,597
\$100,000 or more	68	42,638	81	38,965
\$100,000 to \$249,999	38	6,409	51	7,779
\$250,000 or more	30	36,229	30	31,187
Production expenses paid by landlords <sup>3</sup>	farms \$1,000 percent of total	216 (X) (X)	(X) 1,170 0.3	(NA) (NA) (NA)
Farms with expenses of-				
\$1 to \$499	26	(D)	(NA)	(NA)
\$500 to \$999	31	18	(NA)	(NA)
\$1,000 to \$4,999	127	393	(NA)	(NA)

See footnote(s) at end of table.

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**Table 4. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997	
	Farms	Expenses (\$1,000)	Farms	Expenses (\$1,000)
Production expenses paid by landlords <sup>3</sup> - Con.				
Farms with expenses of- Con.				
\$5,000 to \$9,999	11	(D)	(NA)	(NA)
\$10,000 to \$24,999	13	14	(NA)	(NA)
\$25,000 or more	8	(D)	(NA)	(NA)
\$25,000 to \$49,999	4	17	(NA)	(NA)
\$50,000 to \$99,999	2	(D)	(NA)	(NA)
\$100,000 or more	2	(D)	(NA)	(NA)
Depreciation expenses claimed (see text) .....	1,709	(X)	(NA)	(NA)
farms \$1,000				
percent of total		7.7	(NA)	(NA)
Farms with expenses of-				
\$1 to \$499	370	80	(NA)	(NA)
\$500 to \$999	187	131	(NA)	(NA)
\$1,000 to \$4,999	594	1,405	(NA)	(NA)
\$5,000 to \$9,999	281	1,906	(NA)	(NA)
\$10,000 to \$24,999	128	1,966	(NA)	(NA)
\$25,000 or more	149	29,009	(NA)	(NA)
\$25,000 to \$49,999	62	2,307	(NA)	(NA)
\$50,000 to \$99,999	44	3,159	(NA)	(NA)
\$100,000 or more	43	23,542	(NA)	(NA)

<sup>1</sup> Data for 1997 do not include lime or manure.

<sup>2</sup> Data for 1997 do not include grazing fees.

<sup>3</sup> Landlord production expenses are included within total farm production expenses.

**Table 5. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Farms	Income (\$1,000)	Item	Farms	Income (\$1,000)
Net cash farm income of operation (see text) .....	5,438	98,145	Net cash farm income of operators (see text) .....	5,438	98,563
Average per farm .....	(X)	18,048	Average per farm .....	(X)	18,125
Farms with net gains <sup>1</sup> .....	3,278	137,646	Farm operators reporting net gains <sup>1</sup> .....	3,283	138,574
Average per farm .....	(X)	41,991	Average per farm .....	(X)	42,210
Farms with gains of- less than \$1,000	400	202	Farms with gains of- less than \$1,000	372	196
\$1,000 to \$4,999	1,022	2,744	\$1,000 to \$4,999	1,046	2,865
\$5,000 to \$9,999	575	4,125	\$5,000 to \$9,999	594	4,239
\$10,000 to \$24,999	587	9,146	\$10,000 to \$24,999	580	9,041
\$25,000 to \$49,999	311	11,146	\$25,000 to \$49,999	304	10,942
\$50,000 or more	383	110,284	\$50,000 or more	387	111,291
Farms with net losses .....	2,160	39,501	Farm operators reporting net losses .....	2,155	40,011
Average per farm .....	(X)	18,287	Average per farm .....	(X)	18,567
Farms with losses of- less than \$1,000	370	158	Farms with losses of- less than \$1,000	374	151
\$1,000 to \$4,999	752	1,980	\$1,000 to \$4,999	739	1,948
\$5,000 to \$9,999	329	2,337	\$5,000 to \$9,999	331	2,351
\$10,000 to \$24,999	404	6,439	\$10,000 to \$24,999	402	6,413
\$25,000 to \$49,999	159	5,518	\$25,000 to \$49,999	161	5,610
\$50,000 or more	146	23,069	\$50,000 or more	148	23,537

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains of less than \$1,000.

**Table 6. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Government payments	113	886	116	625	Government payments - Con.	107	(D)	(NA)	(NA)
Average per farm	(X)	7,841	(X)	5,384	Amount from other federal farm programs	(D)	(D)	(NA)	(NA)
Farms with receipts of-					Farms with receipts of-	27	(D)	(NA)	(NA)
\$1 to \$999	32	(D)	38	(D)	\$1 to \$999	39	89	(NA)	(NA)
\$1,000 to \$4,999	40	91	56	133	\$1,000 to \$4,999	15	95	(NA)	(NA)
\$5,000 to \$9,999	15	98	6	49	\$5,000 to \$9,999	14	238	(NA)	(NA)
\$10,000 to \$24,999	14	238	8	235	\$10,000 to \$24,999	12	449	(NA)	(NA)
\$25,000 to \$49,999	10	349	7	(D)	\$25,000 or more	-	-	-	-
\$50,000 or more	2	(D)	1	-		-	-	-	-
Amount from Conservation Reserve and Wetlands Reserve Programs	7	(D)	(X)	-	Commodity Credit Corporation Loans (see text)	1	(D)	(X)	-
Average per farm	(X)	-	-	-	Average per farm	-	-	-	-
Farms with receipts of-					Farms with receipts of-	-	-	-	-
\$1 to \$999	5	(D)	(NA)	(NA)	\$1 to \$999	-	-	-	-
\$1,000 to \$4,999	2	(D)	(NA)	(NA)	\$1,000 to \$4,999	1	(D)	-	-
\$5,000 to \$9,999	-	-	(NA)	(NA)	\$5,000 to \$9,999	-	-	-	-
\$10,000 to \$24,999	-	-	(NA)	(NA)	\$10,000 to \$19,999	-	-	-	-
\$25,000 or more	-	-	(NA)	(NA)	\$20,000 to \$24,999	-	-	-	-
					\$25,000 to \$49,999	-	-	-	-
					\$50,000 or more	-	-	-	-

<sup>1</sup> Data are in whole dollars.

**Table 7. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)		Farms	Value (\$1,000)	Farms	Value (\$1,000)
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup>	449	19,237	415	4,170	Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> - Con.				
Average per farm	(X)	42,844	(X)	10,047	Sales of forest products, excluding Christmas trees and maple products - Con.				
Farms with receipts of-					Farms with receipts of - Con.				
\$1 to \$999	119	42	131	51	\$5,000 to \$9,999	4	29	4	24
\$1,000 to \$4,999	118	271	138	346	\$10,000 to \$24,999	1	(D)	3	(D)
\$5,000 to \$9,999	62	386	66	460	\$25,000 or more	4	175	2	(D)
\$10,000 to \$24,999	53	888	47	686					
\$25,000 to \$49,999	35	1,252	21	720					
\$50,000 or more	62	16,397	12	1,907					
Customwork and other agricultural services	181	7,448	213	1,688	Recreational services (see text)	24	1,607	(NA)	(NA)
Average per farm	(X)	41,147	(X)	7,923	Average per farm	(X)	66,966	(NA)	(NA)
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	31	12	67	30	\$1 to \$999	2	(D)	(NA)	(NA)
\$1,000 to \$4,999	69	150	61	172	\$1,000 to \$4,999	3	(D)	(NA)	(NA)
\$5,000 to \$9,999	33	174	36	253	\$5,000 to \$9,999	4	27	(NA)	(NA)
\$10,000 to \$24,999	17	250	30	441	\$10,000 to \$24,999	8	146	(NA)	(NA)
\$25,000 to \$49,999	15	565	14	481	\$25,000 or more	7	1,428	(NA)	(NA)
\$50,000 or more	16	6,297	5	312					
Gross cash rent or share payments	103	3,482	140	2,063	Patronage dividends and refunds from cooperatives (see text)	40	90	(NA)	(NA)
Average per farm	(X)	33,806	(X)	14,739	Average per farm	(X)	2,249	(NA)	(NA)
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	34	13	36	16	\$1 to \$999	31	(D)	(NA)	(NA)
\$1,000 to \$4,999	22	(D)	64	145	\$1,000 to \$4,999	6	(D)	(NA)	(NA)
\$5,000 to \$9,999	17	123	19	126	\$5,000 to \$9,999	1	(D)	(NA)	(NA)
\$10,000 to \$24,999	12	(D)	11	151	\$10,000 to \$24,999	1	(D)	(NA)	(NA)
\$25,000 or more	18	3,078	10	1,626	\$25,000 or more	1	(D)	(NA)	(NA)
Sales of forest products, excluding Christmas trees and maple products	21	243	25	190	Other farm-related income sources (see text)	134	6,368	(NA)	(NA)
Average per farm	(X)	11,549	(X)	7,589	Average per farm	(X)	47,519	(NA)	(NA)
Farms with receipts of-					Farms with receipts of-				
\$1 to \$999	6	(D)	5	(D)	\$1 to \$999	34	(D)	(NA)	(NA)
\$1,000 to \$4,999	6	(D)	11	(D)	\$1,000 to \$4,999	27	(D)	(NA)	(NA)

<sup>1</sup> Data for 1997 are based on a sample of farms.

**Table 8. Land: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

All farms	2002		1997	All farms	2002		1997
	Total	Percent of total			Total	Percent of total	
<b>LAND USE</b>							
Farms .....	5,398	100.0		5,473			
Land in farms .....	1,300,499	100.0		1,439,071			
Total cropland .....	4,755	88.1		4,882			
farms	211,120	16.2		292,107			
acres	4,522	8.8		4,594			
Harvested cropland .....	109,461	8.4		100,094			
Farms by acres harvested:							
1 to 49 acres .....	4,415	81.8		4,496			
1 to 9 acres .....	3,899	72.2		3,980			
10 to 19 acres .....	336	6.2		370			
20 to 29 acres .....	105	1.9		87			
30 to 49 acres .....	75	1.4		59			
50 to 99 acres .....	49	0.9		44			
100 to 199 acres .....	23	0.4		19			
200 to 499 acres .....	15	0.3		18			
500 to 999 acres .....	6	0.1		2			
1,000 acres or more .....	14	0.3		15			
1,000 to 1,999 acres .....	5	0.1		4			
2,000 acres or more .....	9	0.2		11			
Cropland used only for pasture or grazing .....	451	8.4		501			
farms	36,540	2.8		41,834			
Other cropland .....	1,015	18.8		1,052			
farms	65,119	5.0		150,179			
Cropland idle or used for cover crops or soil-improvement, but not harvested and not pastured or grazed (see text) .....	858	15.9		(NA)			
farms	61,559	4.7		(NA)			
Cropland on which all crops failed .....	200	3.7		67			
farms	1,407	0.1		453			
<b>LAND USE - Con.</b>							
Total cropland - Con.							
Other cropland - Con.							
Cropland in cultivated summer fallow .....							
farms							
acres	55	1.0		60			
1,213		0.2		3,176			
Total woodland .....							
farms							
acres	308	5.7		213			
117,685		9.0		108,704			
86		1.6		54			
Woodland pastured .....							
farms							
acres	41,467	3.2		31,844			
248		4.6		179			
76,218		5.9		76,860			
Pastureland and rangeland, other than cropland and woodland pastured (see text) .....							
farms							
acres	858	15.9		688			
852,626		65.6		898,737			
Land in house lots, ponds, roads, wasteland, etc .....							
farms							
acres	1,973	36.6		2,224			
119,068		9.2		139,523			
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....							
farms							
acres	5	(X)		(X)			
243							
Land used to raise certified organically produced crops (see text) .....							
farms							
acres	126	2.3		(NA)			
780		0.1		(NA)			
Land enrolled in Federal or other crop insurance programs (see text) .....							
farms							
acres	185	3.4		(NA)			
27,759		2.1		(NA)			

**Table 9. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	2002	1997	2002	1997	2002	1997	2002	1997
Land in farms . . . . .	5,398	5,473	1,300,499	1,439,071	109,461	100,094	69,194	76,971
Farms by size:								
1 to 9 acres . . . . .	3,440	3,456	12,110	12,232	8,042	8,093	2,971	3,094
10 to 49 acres . . . . .	1,309	1,417	26,972	28,290	10,280	9,916	3,880	3,864
50 to 69 acres . . . . .	130	122	7,363	6,742	1,713	1,883	760	945
70 to 99 acres . . . . .	81	77	6,670	6,358	1,166	1,380	450	328
100 to 139 acres . . . . .	82	75	9,291	8,464	1,492	1,249	833	516
140 to 179 acres . . . . .	42	44	6,655	6,971	1,097	1,001	922	679
180 to 219 acres . . . . .	34	24	6,747	(D)	1,526	549	653	(D)
220 to 259 acres . . . . .	19	17	4,447	(D)	1,029	555	1,255	(D)
260 to 499 acres . . . . .	93	98	31,740	32,962	2,549	3,894	1,354	2,586
500 to 999 acres . . . . .	61	43	40,307	28,738	3,966	2,395	1,537	3,004
1,000 to 1,999 acres . . . . .	41	33	56,159	45,095	4,788	(D)	5,058	1,742
2,000 to 4,999 acres . . . . .	21	(NA)	70,732	(NA)	16,228	(NA)	12,943	(NA)
5,000 acres or more . . . . .	45	47	1,021,329	1,182,625	55,595	55,051	37,228	52,932
Farms with harvested cropland . . . . .	4,522	4,594	360,810	461,837	109,461	100,094	65,661	75,027
Farms by size:								
1 to 9 acres . . . . .	3,205	3,227	11,225	11,353	8,042	8,093	2,944	3,068
10 to 49 acres . . . . .	1,050	1,111	20,906	20,927	10,280	9,916	3,707	3,748
50 to 69 acres . . . . .	75	81	4,277	4,483	1,713	1,883	723	939
70 to 99 acres . . . . .	39	41	3,155	3,321	1,166	1,380	(D)	318
100 to 139 acres . . . . .	32	29	3,573	3,264	1,492	1,249	567	456
140 to 179 acres . . . . .	20	15	3,127	2,345	1,087	1,061	764	669
180 to 219 acres . . . . .	21	11	4,160	2,164	1,526	549	649	227
220 to 259 acres . . . . .	9	8	2,083	(D)	1,029	(D)	(D)	(D)
260 to 499 acres . . . . .	22	27	7,205	9,472	2,549	3,894	1,364	2,483
500 to 999 acres . . . . .	17	12	10,810	7,643	3,966	2,395	1,500	1,569
1,000 to 1,999 acres . . . . .	11	7	15,320	(D)	4,788	(D)	4,845	(D)
2,000 to 4,999 acres . . . . .	9	(NA)	32,520	(NA)	16,228	(NA)	10,734	(NA)
5,000 acres or more . . . . .	12	16	242,449	352,309	55,595	55,051	37,228	52,882
Farms with irrigated land . . . . .	2,231	2,241	269,371	388,054	66,479	80,218	69,194	76,971
Farms by size:								
1 to 9 acres . . . . .	1,527	1,538	5,047	5,053	3,386	3,304	2,971	3,094
10 to 49 acres . . . . .	531	533	10,704	10,522	4,618	4,381	3,880	3,864
50 to 69 acres . . . . .	44	46	2,458	2,509	864	1,077	760	945
70 to 99 acres . . . . .	24	15	1,920	1,187	(D)	425	450	328
100 to 139 acres . . . . .	25	17	2,816	2,032	915	478	833	516
140 to 179 acres . . . . .	13	10	1,987	1,577	804	774	922	679
180 to 219 acres . . . . .	12	10	2,356	1,959	897	428	653	(D)
220 to 259 acres . . . . .	6	3	1,392	745	(D)	(D)	595	(D)
260 to 499 acres . . . . .	13	18	4,504	6,433	1,543	2,613	1,364	2,586
500 to 999 acres . . . . .	10	8	6,536	5,381	1,960	1,935	1,537	3,004
1,000 to 1,999 acres . . . . .	9	6	13,244	8,404	3,912	(D)	5,058	1,742
2,000 to 4,999 acres . . . . .	9	(NA)	28,464	(NA)	13,758	(NA)	12,943	(NA)
5,000 acres or more . . . . .	9	12	187,933	322,549	33,002	53,913	37,228	52,932

**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Farms with irrigation	2002	1997
Farms		
Proportion of farms	number percent	
1 to 9 acres . . . . .	2,231 41.3	2,241 40.9
Irrigated land	acres	Acres irrigated - Con.
Average per farm	acres	farms
Acres irrigated:	acres	acres
1 to 9 acres . . . . .	farms 4,543	1,982 4,675
10 to 49 acres . . . . .	farms 3,627	201 3,559
50 to 99 acres . . . . .	farms 1,865	29 (D)
100 to 199 acres . . . . .	farms 1,952	14 1,315
200 to 499 acres . . . . .	farms 2,643	8 11
500 to 999 acres . . . . .	farms 2,527	4 (D)
Irrigated land use:		
Harvested cropland . . . . .	farms	acres
Pastureland and other land . . . . .	farms	acres
Land in irrigated farms		
Cropland . . . . .	farms	acres
Harvested cropland . . . . .	farms	acres

**Table 11. Selected Characteristics of Irrigated and Nonirrigated Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	2002	1997	2002	1997	2002	1997	2002	1997
Farms .....	5,398	5,473	2,231	2,241	1,739	1,934	3,167	3,232
Land in farms .....	acres 1,300,499	acres 1,439,071	acres 269,371	acres 388,054	acres 166,043	acres 210,760	acres 1,031,128	acres 1,051,017
Estimated market value of land and buildings :								
Average per farm .....	dollars 842,875	dollars 632,281	dollars 786,716	dollars 666,574	dollars 661,074	dollars 547,331	dollars 884,067	dollars 608,503
Average per acre .....	dollars 3,507	dollars 2,405	dollars 6,789	dollars 3,849	dollars 7,239	dollars 5,022	dollars 2,666	dollars 1,871
Irrigated land .....	acres 69,194	acres 76,971	acres 69,194	acres 76,971	acres 43,962	acres 56,408	(X)	(X)
Land in farms according to use:								
Total cropland .....	farms 4,755	farms 4,882	farms 2,204	farms 2,218	farms 1,739	farms 1,934	farms 2,551	farms 2,664
acres 211,120	acres 292,107	acres 123,775	acres 195,318	acres 67,630	acres 99,535	acres 87,345	acres 96,789	acres 2,403
Harvested cropland .....	farms 4,522	farms 4,594	farms 2,180	farms 2,191	farms 1,739	farms 1,934	farms 42,982	farms 19,876
acres 109,461	acres 100,094	acres 66,479	acres 80,218	acres 38,481	acres 54,701	acres 42,982	acres 19,876	acres 2,403
Pastureland, excluding woodland pastured .....	farms 1,172	farms 1,141	farms 270	farms 248	farms 150	farms 165	farms 902	farms 893
acres 889,166	acres 940,571	acres 86,838	acres 108,964	acres 44,761	acres 58,911	acres 802,328	acres 831,607	acres 82,109
Land enrolled in Conservation Reserve or Wetlands Reserve								
Programs .....	farms 5	farms -	farms (D)	farms -	farms 1	farms -	farms (D)	farms -
Owned and rented land in farms:								
Owned land in farms .....	farms 3,791	farms 3,687	farms 1,581	farms 1,457	farms 1,221	farms 1,254	farms 2,210	farms 2,230
acres 673,158	acres 727,864	acres 125,249	acres 199,801	acres 45,223	acres 92,561	acres 547,909	acres 528,063	acres 1,300
Rented or leased land in farms .....	farms 2,196	farms 2,493	farms 896	farms 1,056	farms 675	farms 883	farms 483,219	farms 522,954
acres 627,341	acres 711,207	acres 144,122	acres 188,253	acres 120,820	acres 118,199	acres 118,199	acres 118,199	acres 118,199
Market value of agricultural products sold (see text) .....	\$1,000 dollars 533,423	\$1,000 dollars 98,819	\$1,000 dollars 496,935	\$1,000 dollars 90,798	\$1,000 dollars 392,272	\$1,000 dollars 360,099	\$1,000 dollars 293,591	\$1,000 dollars 263,341
Average per farm .....	\$1,000 dollars 445,356	\$1,000 dollars 401,411	\$1,000 dollars 381,175	\$1,000 dollars 346,683	\$1,000 dollars 289,096	\$1,000 dollars 259,739	\$1,000 dollars 64,181	\$1,000 dollars 54,728
Crops, including nursery and greenhouse crops .....	farms 4,317	farms 4,208	farms 2,110	farms 2,099	farms 1,684	farms 1,846	farms 2,207	farms 2,109
Livestock, poultry, and their products .....	farms 1,007	farms 1,054	farms 177	farms 182	farms 97	farms 111	farms 830	farms 872
Total farm production expenses <sup>1</sup> .....	\$1,000 dollars 450,946	\$1,000 dollars 82,925	\$1,000 dollars 398,567	\$1,000 dollars 136,813	\$1,000 dollars 314,807	\$1,000 dollars 290,764	\$1,000 dollars 222,674	\$1,000 dollars 136,139
Average per farm .....	\$1,000 dollars 450,946	\$1,000 dollars 82,925	\$1,000 dollars 398,567	\$1,000 dollars 136,813	\$1,000 dollars 314,807	\$1,000 dollars 290,764	\$1,000 dollars 222,674	\$1,000 dollars 136,139
Fertilizer, lime, and soil conditioners <sup>2</sup> .....	farms 4,326	farms 4,051	farms 2,083	farms 1,981	farms 1,676	farms 1,734	farms 2,243	farms 2,070
Chemicals .....	farms 17,791	farms 25,653	farms 13,581	farms 20,253	farms 10,254	farms 15,451	farms 4,210	farms 5,399
Seeds, plants, vines, and trees .....	farms 3,627	farms 3,834	farms 1,762	farms 1,788	farms 1,380	farms 1,550	farms 1,865	farms 2,046
Livestock and poultry purchased .....	farms 16,134	farms 17,187	farms 13,264	farms 14,575	farms 9,541	farms 11,026	farms 2,871	farms 2,612
Feed purchased .....	farms 1,887	farms 1,508	farms 1,219	farms 986	farms 1,025	farms 877	farms 668	farms 522
Gasoline, fuels, and oils .....	farms 11,188	farms 10,348	farms 10,305	farms 9,206	farms 8,106	farms 8,780	farms 883	farms 1,142
Utilities (see text) .....	farms 329	farms 479	farms 41	farms 84	farms 25	farms 47	farms 288	farms 395
Supplies, repairs, and maintenance .....	farms 6,025	farms 6,471	farms 859	farms 783	farms 508	farms 663	farms 5,166	farms 5,688
Hired farm labor .....	farms 1,267	farms 845	farms 217	farms 178	farms 151	farms 115	farms 1,050	farms 667
Contract labor .....	farms 27,997	farms 35,749	farms 3,474	farms 7,619	farms 878	farms 996	farms 24,523	farms 28,130
Customwork and custom hauling .....	farms 4,721	farms 5,055	farms 2,103	farms 2,106	farms 1,660	farms 1,812	farms 2,618	farms 2,949
Cash rent for land, buildings, and grazing fees <sup>3</sup> .....	farms 14,458	farms 16,335	farms 9,384	farms 12,358	farms 7,020	farms 7,416	farms 5,074	farms 3,977
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....	farms 1,527	farms 1,652	farms 741	farms 800	farms 573	farms 661	farms 786	farms 852
Interest expense .....	farms 177,692	farms 150,682	farms 145,834	farms 127,640	farms 106,108	farms 94,481	farms 31,858	farms 23,042
Property taxes .....	farms 7,159	farms 6,797	farms 3,481	farms 3,414	farms 2,851	farms 1,908	farms 221	farms 387
All other production expenses (see text) .....	farms 1,000	farms 262	farms NA	farms 86	farms NA	farms 58	farms 233	farms 2,030
Commodity Credit Corporation loans (see text) .....	farms 1,000	farms 9,232	farms NA	farms 4,040	farms 3,747	farms NA	farms 1,192	farms NA
Government payments received .....	farms 1,000	farms 19,723	farms 11,923	farms 11,805	farms 8,187	farms 10,332	farms 6,876	farms 859
Income from farm-related sources (see text) <sup>4</sup> .....	farms 1,000	farms 55,499	farms 56,733	farms 37,667	farms 40,172	farms 26,083	farms 29,428	farms 17,832
Estimated market value of all machinery and equipment .....	farms 5,234	farms 5,471	farms 2,277	farms 2,240	farms 1,829	farms 1,933	farms 1,957	farms 3,231
Average per farm .....	\$1,000 dollars 186,163	\$1,000 dollars 35,568	\$1,000 dollars 211,775	\$1,000 dollars 113,525	\$1,000 dollars 144,990	\$1,000 dollars 82,146	\$1,000 dollars 128,725	\$1,000 dollars 72,638
Livestock inventory:								
Cattle and calves .....	farms 748	farms 829	farms 102	farms 122	farms 48	farms 71	farms 646	farms 707
Milk cows .....	number 154,308	number 181,732	number 14,180	number 21,460	number 5,504	number 7,276	number 140,128	number 160,222
Hogs and pigs .....	number 6,255	number 8,389	number 5	number 9	number 2	number 4	number 12	number 35
Sheep and lambs .....	number 23,364	number 29,440	number 1,414	number 3,349	number 1,242	number 2,427	number 21,950	number 26,091
Average per farm .....	number 103	number 104	number 21	number 31	number 10	number 20	number 82	number 13
	number 19,909	number 22,541	number 2,310	number D	number D	number D	number 17,599	number D

<sup>1</sup> Data are based on a sample of farms.

<sup>2</sup> 1997 data exclude lime and manure.

<sup>3</sup> 1997 data exclude grazing fees.

<sup>4</sup> 1997 data are based on a sample of farms.

**Table 12. Cattle and Calves - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Cattle and calves	748	154,308	829	181,732	Cattle and calves - Con.				
Farms with-					Cows and heifers that had calved - Con.				
1 to 9	235	1,068	279	1,225	Milk cows	27	6,465	44	8,389
10 to 19	110	1,412	143	1,894	Farms with-				
20 to 49	138	4,434	152	4,692	1 to 9	18	(D)	30	(D)
50 to 99	84	5,885	87	6,034	10 to 19	1	-	1	(D)
100 to 199	73	9,813	70	9,279	20 to 49	1	(D)	1	(D)
200 to 499	54	16,028	39	12,049	50 to 99	1	(D)	1	(D)
500 to 999	17	10,020	20	13,449	100 to 199	-	-	4	-
1,000 to 2,499	26	40,751	24	37,960	200 to 499	-	-	4	1,329
2,500 to 4,999	9	27,476	12	42,083	500 to 999	5	(D)	5	3,203
5,000 or more	2	(D)	3	53,317	1,000 or more	2	(D)	3	3,669
Cows and heifers that had calved	597	89,742	648	102,100	Other cattle (see text)	609	64,566	(NA)	(NA)
Farms with-					Farms with-				
1 to 9	194	852	264	1,078	1 to 9	245	1,024	(NA)	(NA)
10 to 19	82	1,062	104	1,383	10 to 19	102	1,358	(NA)	(NA)
20 to 49	128	3,848	108	3,292	20 to 49	108	3,332	(NA)	(NA)
50 to 99	69	4,622	69	4,404	50 to 99	59	3,900	(NA)	(NA)
100 to 199	53	7,039	35	4,642	100 to 199	39	5,103	(NA)	(NA)
200 to 499	26	7,629	27	8,001	200 to 499	24	6,788	(NA)	(NA)
500 to 999	24	17,165	18	13,267	500 to 999	20	14,540	(NA)	(NA)
1,000 to 2,499	18	23,454	15	22,114	1,000 to 2,499	10	(D)	(NA)	(NA)
2,500 or more	3	24,071	8	43,919	2,500 or more	2	(D)	(NA)	(NA)
Beef cows	578	83,277	625	93,711	Cattle on feed (see text)	28	2,336	(NA)	(NA)
Farms with-					Farms with-				
1 to 9	183	811	253	1,044	1 to 9	15	50	(NA)	(NA)
10 to 19	83	1,071	106	1,402	10 to 19	6	(D)	(NA)	(NA)
20 to 49	127	3,828	105	3,226	20 to 49	3	120	(NA)	(NA)
50 to 99	68	4,562	68	4,306	50 to 99	-	-	(NA)	(NA)
100 to 199	53	7,038	36	4,788	100 to 199	2	(D)	(NA)	(NA)
200 to 499	26	7,629	23	6,668	200 to 499	1	(D)	(NA)	(NA)
500 to 999	19	13,568	14	10,657	500 to 999	-	-	(NA)	(NA)
1,000 to 2,499	16	20,699	12	17,707	1,000 to 2,499	1	(D)	(NA)	(NA)
2,500 or more	3	24,071	8	43,919	2,500 or more	-	-	(NA)	(NA)

**Table 13. Cattle and Calves - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	2002			1997		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Cattle and calves	550	60,739	30,719	660	66,726	27,895
Farms by number sold-						
1 to 9	219	853	372	344	1,349	474
10 to 19	77	1,021	400	92	1,202	(D)
20 to 49	115	3,528	1,296	97	3,115	918
50 to 99	51	3,619	1,208	49	3,262	1,134
100 to 199	33	4,280	1,527	25	3,261	928
200 to 499	30	9,977	3,616	27	8,039	2,691
500 to 999	15	10,728	(D)	12	(D)	2,951
1,000 to 2,499	8	(D)	5,295	12	18,612	7,263
2,500 to 4,999	-	-	-	1	(D)	(D)
5,000 or more	2	(D)	(D)	1	(D)	(D)
Cattle, including calves weighing 500 pounds or more	385	40,397	(NA)	380	44,417	22,792
Farms by number sold-						
1 to 9	197	(D)	(NA)	229	769	376
10 to 19	56	718	(NA)	42	548	(D)
20 to 49	58	1,599	(NA)	44	1,266	524
50 to 99	22	1,458	(NA)	24	1,598	824
100 to 199	18	2,190	(NA)	12	1,600	689
200 to 499	17	4,942	(NA)	11	3,312	1,540
500 to 999	12	8,393	(NA)	8	(D)	2,249
1,000 to 2,499	3	(D)	(NA)	8	10,810	5,160
2,500 to 4,999	-	-	-	1	(D)	(D)
5,000 or more	2	(D)	(NA)	1	(D)	(D)
Cattle on feed (see text)	41	8,006	(NA)	38	10,332	7,247
Farms by number sold-						
1 to 9	26	86	(NA)	21	43	27
10 to 19	4	(D)	(NA)	1	(D)	(D)
20 to 49	3	80	(NA)	3	188	113
50 to 99	3	152	(NA)	3	160	96
100 to 199	-	-	-	2	(D)	(D)
200 to 499	2	(D)	(NA)	2	(D)	(D)
500 to 999	2	(D)	(NA)	1	(D)	(D)
1,000 to 2,499	-	-	-	2	(D)	(D)
2,500 to 4,999	-	-	-	1	(D)	(D)
5,000 or more	1	(D)	(NA)	1	(D)	(D)
Calves weighing less than 500 pounds	303	20,342	(NA)	404	22,309	5,103
Farms by number sold-						
1 to 9	96	374	(NA)	201	833	181
10 to 19	47	634	(NA)	62	822	424
20 to 49	80	2,525	(NA)	67	2,066	-
50 to 99	40	2,816	(NA)	26	1,736	339
100 to 199	19	2,642	(NA)	20	2,653	626
200 to 499	11	3,479	(NA)	20	6,057	1,430
500 to 999	8	(D)	(NA)	6	(D)	1,020
1,000 or more	2	(D)	(NA)	2	(D)	(D)

**Table 14. Cattle and Calves Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Herd size	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that had calved		Other cattle (see text)				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total	748	154,308	597	89,742	609	64,566	537	60,677	30,684
Farms with herd size of-									
1 to 9	235	1,068	140	522	156	546	106	377	183
10 to 19	110	1,412	84	742	86	670	75	430	159
20 to 49	138	4,434	121	2,525	117	1,900	106	1,789	634
50 to 99	84	5,385	129	2,459	81	2,446	76	2,344	776
100 to 199	73	9,813	68	5,862	68	3,951	70	4,842	1,939
200 to 499	54	16,028	51	8,654	49	7,374	51	5,591	2,185
500 to 999	17	(D)	17	(D)	16	(D)	16	4,575	1,567
1,000 to 2,499	26	40,751	26	24,089	25	16,662	26	14,343	6,622
2,500 to 4,999	9	27,476	9	14,665	9	12,811	9	(D)	(D)
5,000 or more	2	(D)	2	(D)	2	(D)	2	(D)	(D)
No cattle and calves herd, as of Dec. 31, 2002	(X)	(X)	(X)	(X)	(X)	(X)	13	62	35

**Table 15. Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Cow herd <sup>1</sup>	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that had calved		Other cattle (see text)				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total	597	151,291	597	89,742	458	61,549	461	59,301	30,018
Farms with cow herd size of-									
1 to 9	194	1,649	194	852	115	797	112	588	224
10 to 19	82	1,793	82	1,062	58	731	58	531	190
20 to 49	128	7,115	128	3,848	107	3,267	106	2,770	1,062
50 to 99	69	7,698	69	4,622	66	3,076	66	3,875	1,591
100 to 199	53	11,450	53	7,039	48	4,411	51	4,116	1,328
200 to 499	26	12,369	26	7,629	21	4,740	24	4,566	1,456
500 to 999	24	28,510	24	17,165	23	11,345	23	8,787	3,375
1,000 to 2,499	18	41,053	18	23,454	17	17,599	18	15,994	(D)
2,500 or more	3	39,654	3	24,071	3	15,583	3	18,074	(D)
No cow herd, as of Dec. 31, 2002	151	3,017	(X)	(X)	151	3,017	89	1,438	701

<sup>1</sup> Cow herd includes beef cows, milk cows, and heifers that had calved.

**Table 16. Beef Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Beef cow herd	Cattle and calves inventory						Cattle and calves sales		
	Total		Cows and heifers that had calved		Other cattle (see text)				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total	578	139,288	578	83,805	578	83,277	444	55,483	
Farms with beef herd size of-									
1 to 9	183	1,597	183	825	183	811	109	772	
10 to 19	83	2,432	83	1,583	83	1,071	59	849	
20 to 49	127	7,066	127	3,828	127	3,828	106	3,238	
50 to 99	68	7,622	68	4,562	68	4,562	65	3,060	
100 to 199	53	11,450	53	7,039	53	7,038	48	4,411	
200 to 499	26	12,369	26	7,629	26	7,629	21	4,740	
500 to 999	19	21,448	19	13,569	19	13,568	18	7,879	
1,000 to 2,499	16	35,650	16	20,699	16	20,699	15	14,951	
2,500 or more	3	39,654	3	24,071	3	24,071	3	15,583	
No beef cow herd, as of Dec. 31, 2002	170	15,020	19	5,937	(X)	(X)	165	9,083	
Beef cow herd	Cattle and calves sales			Cattle			Calves		
	Total			Total		Cattle on feed (see text)		Calves	
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Number
Total	450	57,145	29,215	308	38,590	31	7,949	270	18,555
Farms with beef herd size of-									
1 to 9	109	581	220	75	280	9	29	48	301
10 to 19	59	590	227	44	346	2	(D)	30	244
20 to 49	105	2,759	1,057	73	1,441	9	95	61	1,318
50 to 99	65	3,858	1,583	34	1,849	4	(D)	53	2,009
100 to 199	51	4,116	1,328	30	(D)	2	(D)	39	(D)
200 to 499	24	4,566	1,456	20	2,381	-	-	16	2,185
500 to 999	18	7,239	2,894	16	3,780	2	(D)	11	3,459
1,000 to 2,499	16	15,362	(D)	13	10,222	2	(D)	9	5,140
2,500 or more	3	18,074	(D)	3	(D)	1	(D)	3	(D)
No beef cow herd, as of Dec. 31, 2002	100	3,594	1,505	77	1,807	10	57	33	1,787

**Table 17. Milk Cow Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Milk cow herd	Cattle and calves inventory								
	Total		Cows and heifers that had calved				Other cattle (see text)		
			Total		Milk cows				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	
Total .....	27	13,600	27	7,331	27	6,465	21	6,269	
Farms with milk cow herd size of-									
1 to 9 .....	18	1,010	18	(D)	18	(D)	12	(D)	
10 to 19 .....	-	-	-	-	-	-	-	-	
20 to 49 .....	1	(D)	1	(D)	1	(D)	1	(D)	
50 to 99 .....	-	-	-	-	-	-	-	-	
100 to 199 .....	-	-	-	-	-	-	-	-	
200 to 499 .....	-	-	-	-	-	-	-	-	
500 to 999 .....	5	(D)	5	(D)	5	(D)	5	(D)	
1,000 or more .....	2	(D)	2	(D)	2	(D)	2	(D)	
No milk cow herd, as of Dec. 31, 2002 .....	721	140,708	570	82,411	(X)	(X)	588	58,297	
Milk cow herd	Cattle and calves sales							Dairy product sales	
	Total			Cattle		Calves			
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	
Total .....	17	2,646	1,011	13	1,107	10	1,539	10	
Farms with milk cow herd size of-									
1 to 9 .....	8	438	(D)	7	(D)	3	(D)	1	(D)
10 to 19 .....	-	-	-	-	-	-	-	-	-
20 to 49 .....	1	(D)	(D)	1	(D)	1	(D)	1	(D)
50 to 99 .....	-	-	-	-	-	-	-	-	-
100 to 199 .....	-	-	-	-	-	-	-	-	-
200 to 499 .....	-	-	-	-	-	-	-	-	-
500 to 999 .....	5	(D)	481	2	(D)	4	1,453	5	(D)
1,000 or more .....	2	(D)	(D)	2	(D)	1	(D)	2	(D)
No milk cow herd, as of Dec. 31, 2002 .....	533	58,093	29,708	372	39,290	293	18,803	-	-

**Table 18. Cattle and Calves - Number Sold Per Farm by Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Number sold	Cattle and calves			Cattle, including calves weighing 500 pounds or more				Calves weighing less than 500 pounds	
				Total		Cattle on feed (see text)			
	Farms	Number	Value (\$1,000)	Farms	Number	Farms	Number	Farms	Number
Total .....	550	60,739	30,719	385	40,397	41	8,006	303	20,342
Farms by number of cattle and calves sold -									
1 to 9 .....	219	853	372	163	(D)	19	61	78	(D)
10 to 19 .....	77	1,021	400	55	531	6	43	45	490
20 to 49 .....	115	3,528	1,296	69	1,404	5	(D)	82	2,124
50 to 99 .....	51	3,619	1,208	25	1,086	3	(D)	40	2,533
100 to 199 .....	33	4,280	1,527	27	1,951	2	(D)	24	2,329
200 to 499 .....	30	9,977	3,616	26	5,593	2	(D)	18	4,384
500 to 999 .....	15	10,728	(D)	11	6,397	1	(D)	9	4,331
1,000 to 2,499 .....	8	(D)	5,295	7	(D)	2	(D)	5	(D)
2,500 or more .....	2	(D)	(D)	2	(D)	1	(D)	2	(D)

**Table 19. Hogs and Pigs - Inventory: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	2002		1997		Hogs and pigs	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Total hogs and pigs .....	204	23,364	248	29,440	Total hogs and pigs - Con.				
Farms with-					Hogs and pigs used or to be used for breeding - Con.				
1 to 24 .....	113	886	158	1,333	Farms with - Con.				
25 to 49 .....	19	625	19	645					
50 to 99 .....	22	1,516	18	1,265					
100 to 199 .....	17	2,475	24	3,128					
200 to 499 .....	19	5,472	9	3,173	100 to 199 .....	6	827	7	863
500 to 999 .....	11	7,078	13	8,287	200 to 499 .....	4	1,021	6	1,402
1,000 to 1,999 .....	2	(D)	6	(D)	500 or more .....	1	(D)	-	-
2,000 to 4,999 .....	1	(D)	1	(D)	Other hogs and pigs .....	180	17,521	236	24,852
5,000 or more .....	-	-	-	-	Farms with -				
Hogs and pigs used or to be used for breeding .....	160	5,843	168	4,588	1 to 24 .....	100	692	155	1,203
Farms with-					25 to 49 .....	14	(D)	18	629
1 to 24 .....	110	706	124	755	50 to 99 .....	22	1,417	17	1,205
25 to 49 .....	15	(D)	16	512	100 to 199 .....	18	2,431	19	2,380
50 to 99 .....	24	1,778	15	1,056	200 to 499 .....	17	5,202	13	4,778
					500 to 999 .....	7	4,066	8	5,539
					1,000 or more .....	2	(D)	6	9,118

**Table 20. Hogs and Pigs - Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	2002			1997		
	Farms	Number	Value (\$1,000)	Farms	Number	Value (\$1,000)
Total hogs and pigs sold . . . . .	158	33,231	4,612	190	38,066	6,336
Farms with-						
1 to 24 . . . . .	67	624	65	98	1,171	171
25 to 49 . . . . .	17	615	59	743	117	
50 to 99 . . . . .	14	850	94	20	1,425	214
100 to 199 . . . . .	22	3,019	364	13	1,675	248
200 to 499 . . . . .	18	5,431	534	21	6,838	947
500 to 999 . . . . .	12	7,966	936	7	4,688	813
1,000 to 1,999 . . . . .	9	(D)	(D)	4	4,886	792
2,000 to 4,999 . . . . .	2	(D)	(D)	6	16,633	3,004
5,000 or more . . . . .	-	-	-	-	-	-
5,000 to 7,499 . . . . .	-	-	-	-	-	-
7,500 or more . . . . .	-	-	-	-	-	-

**Table 21. Hogs and Pigs Herd Size by Inventory and Sales: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Herd size	Hogs and pigs inventory						Hogs and pigs sales		
	Total		Used or to be used for breeding		Other hogs and pigs				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total inventory . . . . .	204	23,364	160	5,843	180	17,521	145	32,845	4,574
Farms with-									
1 to 24 . . . . .	113	886	73	335	92	551	56	1,156	122
25 to 49 . . . . .	19	625	19	252	16	373	17	(D)	(D)
50 to 99 . . . . .	22	1,516	18	259	22	1,257	22	2,187	289
100 to 199 . . . . .	17	2,475	17	666	17	1,809	17	3,313	352
200 to 499 . . . . .	19	5,472	19	1,305	19	4,167	19	7,841	1,000
500 to 999 . . . . .	11	7,078	11	1,467	11	5,611	11	9,255	1,421
1,000 to 1,999 . . . . .	2	(D)	2	(D)	2	(D)	2	(D)	(D)
2,000 to 4,999 . . . . .	1	(D)	1	(D)	1	(D)	1	(D)	(D)
5,000 or more . . . . .	-	-	-	-	-	-	-	-	-
No hogs or pigs on Dec. 31, 2002 . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	13	386	38

**Table 22. Hogs and Pigs - Inventory and Sales by Number Sold Per Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales		
	Total		Used or to be used for breeding		Other hogs and pigs				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value (\$1,000)
Total sold . . . . .	145	22,954	127	5,661	132	17,293	158	33,231	4,612
Farms with sales of-									
1 to 9 . . . . .	30	253	19	81	24	172	35	129	16
10 to 24 . . . . .	27	565	25	161	24	404	32	495	49
25 to 49 . . . . .	16	920	55	106	15	415	17	615	59
50 to 99 . . . . .	14	1,222	15	374	14	1,448	14	850	94
100 to 199 . . . . .	20	3,514	18	903	20	2,611	22	3,019	364
200 to 499 . . . . .	18	5,180	17	1,792	16	3,988	18	5,931	734
500 to 999 . . . . .	12	4,153	12	921	11	3,232	12	4,966	936
1,000 or more . . . . .	8	7,344	8	1,321	8	6,023	8	14,726	2,360
1,000 to 1,999 . . . . .	6	(D)	6	(D)	6	(D)	2	(D)	(D)
2,000 to 4,999 . . . . .	2	(D)	2	(D)	2	(D)	2	(D)	(D)
5,000 to 7,499 . . . . .	-	-	-	-	-	-	-	-	-
7,500 or more . . . . .	-	-	-	-	-	-	-	-	-
None sold . . . . .	59	410	33	182	48	228	(X)	(X)	(X)

**Table 23. Hogs and Pigs - Inventory by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

Herd size	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total inventory .....	204	23,364	-	-	1	(D)
Farms with-						
1 to 24 .....	113	886	-	-	-	-
25 to 49 .....	19	625	-	-	-	-
50 to 99 .....	22	1,516	-	-	-	-
100 to 199 .....	17	2,475	-	-	-	-
200 to 499 .....	19	5,472	-	-	-	-
500 to 999 .....	11	7,078	-	-	1	(D)
1,000 to 1,999 .....	2	(D)	-	-	-	-
2,000 to 4,999 .....	1	(D)	-	-	-	-
5,000 or more .....	-	-	-	-	-	-
5,000 to 7,499 .....	-	-	-	-	-	-
7,500 or more .....	-	-	-	-	-	-

**Table 24. Hogs and Pigs - Number Sold by Type of Producer: 2002**

[Farm counts and inventories may be included in more than one producer type. For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Independent grower		Contractor or integrator		Contract grower (Contractee)	
	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold .....	158	33,231	-	-	1	(D)
Farms with-						
1 to 24 .....	67	(D)	-	-	-	-
25 to 49 .....	17	615	-	-	-	-
50 to 99 .....	14	850	-	-	-	-
100 to 199 .....	22	3,019	-	-	-	-
200 to 499 .....	18	5,431	-	-	-	-
500 to 999 .....	12	7,966	-	-	1	(D)
1,000 to 1,999 .....	9	7,147	-	-	-	-
2,000 to 4,999 .....	2	(D)	-	-	-	-
5,000 or more .....	-	-	-	-	-	-
5,000 to 7,499 .....	-	-	-	-	-	-
7,500 or more .....	-	-	-	-	-	-

**Table 25. Hogs and Pigs - Inventory by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

Herd size	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory .....	25	683	121	21,392	13	229	9	885	-	-
Farms with-										
1 to 24 .....	16	203	51	478	10	49	3	(D)	-	-
25 to 49 .....	9	200	10	329	-	-	1	(D)	-	-
50 to 99 .....	2	(D)	13	328	3	180	2	(D)	-	-
100 to 199 .....	1	(D)	17	2,475	-	-	3	680	-	-
200 to 499 .....	-	-	16	4,792	-	-	-	-	-	-
500 to 999 .....	-	-	2	7,078	-	-	-	-	-	-
1,000 to 1,999 .....	-	-	1	(D)	-	-	-	-	-	-
2,000 to 4,999 .....	-	-	1	(D)	-	-	-	-	-	-
5,000 or more .....	-	-	-	-	-	-	-	-	-	-
5,000 to 7,499 .....	-	-	-	-	-	-	-	-	-	-
7,500 or more .....	-	-	-	-	-	-	-	-	-	-

**Table 26. Hogs and Pigs - Number Sold by Type of Operation: 2002**

[Farm counts and inventories may be included in more than one operation type. For meaning of abbreviations and symbols, see introductory text]

Hogs and pigs	Farrow to wean		Farrow to finish		Finish only		Farrow to feeder		Nursery	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total hogs and pigs sold .....	23	1,701	101	28,241	17	954	8	2,460	-	-
Farms with-										
1 to 24 .....	11	144	32	349	12	(D)	2	(D)	-	-
25 to 49 .....	6	237	11	384	-	-	1	(D)	-	-
50 to 99 .....	1	(D)	12	2,327	4	462	-	-	-	-
100 to 199 .....	3	370	16	2,475	-	-	3	(D)	-	-
200 to 499 .....	-	-	13	3,789	1	(D)	2	(D)	-	-
500 to 999 .....	1	(D)	9	5,916	-	-	-	-	-	-
1,000 to 1,999 .....	-	-	6	7,147	-	-	-	-	-	-
2,000 to 4,999 .....	-	-	2	(D)	-	-	-	-	-	-
5,000 or more .....	-	-	-	-	-	-	-	-	-	-
5,000 to 7,499 .....	-	-	-	-	-	-	-	-	-	-
7,500 or more .....	-	-	-	-	-	-	-	-	-	-

**Table 27. Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
<b>INVENTORY</b>									
Layers 20 weeks old and older . . . . .	125	537,882	136	714,924	<b>NUMBER SOLD - Con.</b>				
Farms with inventory of-					Broilers and other meat-type chickens .	17	881,112	9	478,672
1 to 49 . . . . .	99	1,311	114	1,543	Farms by number sold-				
50 to 99 . . . . .	10	600	6	300	1 to 1,999 . . . . .	13	1,354	6	162
100 to 399 . . . . .	6	947	4	600	2,000 to 15,999 . . . . .	-	-	-	-
400 to 3,199 . . . . .	1	(D)	3	1,300	16,000 to 29,999 . . . . .	-	-	-	-
3,200 to 9,999 . . . . .	3	18,711	(D)	(D)	30,000 to 59,999 . . . . .	-	-	-	-
10,000 to 19,999 . . . . .	3	(D)	1	(D)	60,000 to 99,999 . . . . .	1	(D)	2	(D)
20,000 to 49,999 . . . . .	3	128,255	3	132,168	100,000 to 199,999 . . . . .	1	(D)	-	-
50,000 to 99,999 . . . . .	1	(D)	2	(D)	200,000 to 299,999 . . . . .	1	(D)	-	-
100,000 or more . . . . .	1				300,000 to 499,999 . . . . .	1	(D)	-	-
Pullets for laying flock replacement . . . . .	26	67,925	(NA)	(NA)	500,000 or more . . . . .	1	(D)	1	(D)
Broilers and other meat-type chickens . . . . .	39	202,902	42	111,988	Turkeys . . . . .	1	(D)	-	-
Turkeys . . . . .	7	75	7	112	Farms by number sold-				
Emus . . . . .	-	-	(NA)	(NA)	1 to 1,999 . . . . .	1	(D)	(NA)	(NA)
Ostriches . . . . .	-	-	(NA)	(NA)	2,000 to 7,999 . . . . .	-	(NA)	(NA)	(NA)
Ducks, geese, and other poultry <sup>1</sup> . . . . .	118	(X)	115	(X)	8,000 to 15,999 . . . . .	-	(NA)	(NA)	(NA)
<b>NUMBER SOLD</b>					16,000 to 29,999 . . . . .	-	(NA)	(NA)	(NA)
Layers 20 weeks old and older . . . . .	20	(D)	21	224,266	30,000 to 59,999 . . . . .	-	(NA)	(NA)	(NA)
Pullets for laying flock replacement . . . . .	6	(D)	5	(D)	60,000 to 99,999 . . . . .	-	(NA)	(NA)	(NA)
					100,000 or more . . . . .	-	(NA)	(NA)	(NA)

<sup>1</sup> 1997 data include emus and ostriches.

**Table 28. Layers and Pullets - Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Layers 20 weeks old and older . . . . .	20	(D)	21	224,266	Pullets for laying flock replacement . . . . .	6	(D)	5	(D)
Farms by number sold-					Farms by number sold-				
1 to 99 . . . . .	11	124	12	309	1 to 7,999 . . . . .	5	91	4	258
100 to 399 . . . . .	-	(D)	1	(D)	2,000 to 15,999 . . . . .	-	-	-	-
400 to 3,199 . . . . .	-	35,365	2	(D)	16,000 to 29,999 . . . . .	-	-	-	-
3,200 to 9,999 . . . . .	5	(D)	1	(D)	30,000 to 59,999 . . . . .	-	-	-	-
10,000 to 19,999 . . . . .	2	109,311	4	(D)	60,000 to 99,999 . . . . .	-	-	-	-
20,000 to 49,999 . . . . .	-	(D)	1	(D)	100,000 or more . . . . .	1	(D)	1	(D)
50,000 to 99,999 . . . . .	-								
100,000 or more . . . . .	1								

**Table 29. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	2002		1997		Item	2002		1997	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Sheep and lambs inventory (see text) . . . . .	103	19,909	104	22,541	Sheep and lambs inventory (see text) - Con.				
Farms with-					Ewes 1 year old or older . . . . .	91	6,800	81	(D)
1 to 24 . . . . .	73	712	88	644	Wool production (pounds) . . . . .	45	144,320	33	12,632
25 to 99 . . . . .	25	(D)	9	343	Sheep and lambs sold . . . . .	34	4,639	45	2,484
100 to 299 . . . . .	2	(D)	4	676					
300 to 999 . . . . .	1	(D)	1	(D)					
1,000 to 2,499 . . . . .	1	(D)	1	(D)					
2,500 to 4,999 . . . . .	-	(D)	-						
5,000 or more . . . . .	1	(D)	1	(D)					

**Table 30. Sheep and Lambs - Inventory, Wool Production, and Number Sold by Size of Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Sheep and lambs inventory (see text)	Sheep and lambs inventory				Wool production		Sheep and lambs sold	
	Total		Ewes 1 year old or older		Farms	Pounds	Farms	Number
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Number
Total .....	103	19,909	91	6,800	45	144,320	34	4,639
Farms with inventory of- 1 to 249 .....	73	712	64	(D)	22	2,386	16	91
250 to 999 .....	25	(D)	22	359	18	5,006	13	196
100 to 299 .....	2	(D)	2	(D)	2	(D)	2	(D)
300 to 499 .....	1	(D)	1	(D)	1	(D)	1	(D)
1,000 to 2,499 .....	1	(D)	1	(D)	1	(D)	1	(D)
2,500 to 4,999 .....	1	(D)	1	(D)	1	(D)	1	(D)
5,000 or more .....	1	(D)	1	(D)	-	(D)	1	(D)
No sheep and lambs as of Dec. 31, 2002 .....	(X)	(X)	(X)	(X)	-	-	-	-

**Table 31. Ewes 1 Year Old or Older - Inventory, Wool Production, and Number Sold by Size of Ewe Flock: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Ewes 1 year old or older inventory (see text)	Sheep and lambs inventory				Wool production		Sheep and lambs sold	
	Total		Ewes 1 year old or older		Farms	Pounds	Farms	Number
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Number
Total .....	91	19,695	91	6,800	44	143,870	31	4,577
Farms with inventory of- 1 to 249 .....	83	(D)	83	(D)	36	(D)	25	207
250 to 999 .....	4	270	4	(D)	4	2,025	(D)	(D)
100 to 499 .....	1	(D)	1	(D)	1	(D)	1	(D)
200 to 499 .....	1	(D)	1	(D)	1	(D)	1	(D)
500 to 999 .....	1	(D)	1	(D)	1	(D)	1	(D)
1,000 to 2,499 .....	1	(D)	1	(D)	1	(D)	1	(D)
2,500 to 4,999 .....	1	(D)	1	(D)	1	(D)	1	(D)
5,000 or more .....	-	-	-	-	-	-	-	-
No ewes 1 year old or older as of Dec. 31, 2002 .....	12	214	(X)	(X)	1	(D)	3	62

**Table 32. Other Animals and Animal Products - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Inventory		Number sold		Item	Inventory		Number sold	
	2002	1997	2002	1997		2002	1997	2002	1997
Colonies of bees .....	farms number	49 14,365	75 11,831	- 966,138	4 16	44 6,800	31 143,870	31 4,577	31 4,577
Honey produced <sup>1</sup> .....	farms pounds	(X) (X)	(X) (X)	39 949,769	34 83	(D) 83	(D) 143,870	(D) 31	(D) 31
Bison .....	farms number	1 (D)	(NA) (NA)	- (NA)	1 1	(NA) 1	(NA) 31	(NA) 31	(NA) 31
Deer .....	farms number	1 (D)	(NA) (NA)	- (NA)	1 1	(NA) 1	(NA) 31	(NA) 31	(NA) 31
Elk .....	farms number	1 (D)	(NA) (NA)	- (NA)	1 1	(NA) 1	(NA) 31	(NA) 31	(NA) 31
Aquaculture sold (see text) .....	farms	(X)	(X)	67	49	(NA)	(NA)	(NA)	(NA)
Goats, All .....	farms number	189 5,364	162 3,305	86 4,237	64 3,643	(NA) 3,643	(NA) 3,643	(NA) 3,643	(NA) 3,643
Angora goats .....	farms number	4 26	- (X)	1 (D)	- -	(NA) -	(NA) -	(NA) -	(NA) -
Mohair produced <sup>1</sup> .....	farms pounds	(X) (X)	(X) (X)	- (D)	- -	(NA) -	(NA) -	(NA) -	(NA) -
Milk goats .....	farms number	33 441	34 480	8 69	7 69	(NA) 69	(NA) 69	(NA) 69	(NA) 69

<sup>1</sup> 1997 data are for farms with sales.

<sup>2</sup> Data are for farms with production.

**Table 33. Specified Crops Harvested - Yield per Acre Irrigated and Nonirrigated: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain (bushels) . . . . .	12	4,383	46.4	-	-	-	-	-	-	-
Corn for silage or greenchop (tons, green) . . . . .	2	(D)	(D)	-	-	-	-	-	-	-
Sorghum for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Wheat for grain, All (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Winter wheat for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Durum wheat for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Other Spring wheat for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Oats for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Barley for grain (bushels) . . . . .	-	-	-	-	-	-	-	-	-	-
Rice (cwt) . . . . .	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels) . . . . .	1	(D)	(D)	-	-	-	-	-	-	-
Peanuts for nuts (pounds) . . . . .	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding limas (cwt) . . . . .	-	-	-	-	-	-	-	-	-	-
Cotton, All (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Upland cotton (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Pima cotton (bales) . . . . .	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds) . . . . .	-	-	-	-	-	-	-	-	-	-
Potatoes (cwt) . . . . .	1	(D)	(D)	-	-	-	-	10	(D)	(D)
Sugarcane for sugar (tons) . . . . .	2	(D)	(D)	-	-	-	-	-	-	-
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) . . . . .	4	167	(X)	3	76	(D)	(D)	7	(D)	(D)
Alfalfa hay (tons, dry) . . . . .	2	(D)	(D)	-	-	-	-	-	-	-
Small grain hay (tons, dry) . . . . .	-	-	-	-	-	-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (tons, dry) . . . . .	-	-	-	2	(D)	(D)	(D)	5	(D)	(D)
Wild hay (tons, dry) . . . . .	-	-	-	-	-	-	-	-	-	-
Haylage or greenchop from alfalfa or alfalfa mixtures (tons, green) . . . . .	-	-	-	-	-	-	-	-	-	-
All other haylage, grass silage, and greenchop (tons, green) . . . . .	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text) . . . . .	382	4,911	(X)	35	127	197	(X)	216	590	(X)
All land in orchards . . . . .	613	10,991	(X)	197	1,099	4,846	(X)	2,023	17,972	(X)
All berries harvested for sale . . . . .	1	(D)	(D)	-	-	-	(D)	2	(D)	(D)

**Table 34. Specified Crops by Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crops	2002					1997				
	Farms	Acres	Quantity	Irrigated land		Farms	Acres	Quantity	Irrigated land	
				Farms	Acres				Farms	Acres
<b>GRAINS AND GRAIN SILAGE</b>										
Corn for grain (bushels) .....	12	4,383	203,391	12	4,383	(NA)	(NA)	(NA)	(NA)	(NA)
Corn for silage or greenchop (tons) .....	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
<b>OILSEEDS</b>										
Soybeans for beans (bushels) .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>COTTON, TOBACCO, AND SUGAR CROPS</b>										
Sugarcane for sugar (tons) .....	2	(D)	(D)	2	(D)	13 9	31,483 17	2,873,712 652	10 6	29,494 (D)
1.0 to 14.9 acres .....	-	-	-	-	-	-	-	-	-	-
15.0 to 24.9 acres .....	-	-	-	-	-	-	-	-	-	-
25.0 to 49.9 acres .....	-	-	-	-	-	-	-	-	-	-
50.0 to 99.9 acres .....	-	-	-	-	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-	-	-	-	-
250.0 to 499.9 acres .....	-	-	-	-	-	-	-	-	-	-
500.0 to 999.9 acres .....	-	-	-	-	-	-	-	-	-	-
1,000.0 acres or more .....	2	(D)	(D)	2	(D)	4	31,466	2,873,060	4	(D)
<b>HAY, FORAGE, AND FIELD AND GRASS SEEDS</b>										
Forage - land used for all hay and all haylage, grass silage, and greenchop (tons, dry equivalent) (see text) .....	14	1,112	2,261	7	243	(NA)	(NA)	(NA)	(NA)	(NA)
Hay - All hay including alfalfa, other tame, small grain, and wild (tons, dry) (see text) .....	9	820	1,658	4	108	(NA)	(NA)	(NA)	(NA)	(NA)
Alfalfa hay (tons, dry) .....	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
Other tame hay (tons, dry) .....	7	(D)	(D)	2	(D)	2	(D)	(D)	-	-
All haylage, grass silage, and greenchop (tons, green) .....	5	292	1,220	3	(D)	7	644	(D)	4	(D)
<b>OTHER SPECIFIED CROPS</b>										
Potatoes (cwt) .....	11	6	4,542	1	(D)	7	(D)	(D)	5	(D)
Sweet potatoes (cwt) .....	59	294	16,357	16	165	53	217	25,786	30	171
Pineapples harvested (tons) .....	34 28 2	10,211 42 (D)	314,626 444 (D)	12 7 2	9,759 (D) (D)	27 22 (D)	12,992 -	348,428 (D)	16 11	12,109 (D)
1.0 to 14.9 acres .....	-	-	-	-	-	-	-	-	-	-
15.0 to 24.9 acres .....	-	-	-	-	-	-	-	-	-	-
25.0 to 49.9 acres .....	-	-	-	-	-	-	-	-	-	-
50.0 to 99.9 acres .....	-	-	-	-	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-	-	-	-	-
250.0 to 499.9 acres .....	1	(D)	(D)	-	-	-	-	-	-	-
500.0 to 999.9 acres .....	-	-	-	-	-	-	-	-	-	-
1,000.0 acres or more .....	3	(D)	(D)	3	9,711	3	12,837	343,301	3	11,967
Land in berries harvested for sale (see text) .....	3	11	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Land used for vegetables (see text) .....	633	5,824	(X)	417	5,038	657	5,524	(X)	526	4,984
Land in orchards .....	2,833	34,908	(X)	810	12,090	2,786	37,906	(X)	777	14,328
0.1 to 0.9 acres .....	404	196	(X)	164	(D)	385	173	(X)	170	(D)
1.0 to 4.9 acres .....	1,540	3,333	(X)	446	802	1,457	3,293	(X)	409	786
5.0 to 14.9 acres .....	652	4,860	(X)	137	737	737	5,637	(X)	152	866
15.0 to 24.9 acres .....	108	1,967	(X)	27	376	93	1,666	(X)	19	307
25.0 to 49.9 acres .....	74	2,316	(X)	14	313	57	1,918	(X)	8	205
50.0 to 99.9 acres .....	25	1,608	(X)	9	377	26	1,680	(X)	5	176
100.0 to 249.9 acres .....	20	2,977	(X)	8	778	12	1,401	(X)	4	421
250.0 to 499.9 acres .....	2	(D)	(X)	1	(D)	10	3,296	(X)	4	1,533
500.0 acres or more .....	8	(D)	(X)	4	8,201	(NA)	(NA)	(X)	(NA)	(NA)
500.0 to 749.9 acres .....	1	(D)	(X)	-	-	1	(D)	(X)	1	(D)
750.0 to 999.9 acres .....	2	(D)	(X)	-	-	2	(D)	(X)	1	(D)
1,000.0 acres or more .....	5	14,503	(X)	4	8,201	6	16,572	(X)	4	8,478

**Table 35. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	2002				1997			
	Total harvested		Harvested for processing		Total harvested		Harvested for processing	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
Vegetables harvested for sale (see text) .....	633	6,554	6	19	657	6,549	(NA)	(NA)
Artichokes .....	2	(D)	-	-	2	(D)	(NA)	(NA)
Asparagus .....	16	81	-	-	7	8	(NA)	(NA)
Beans, green limas .....	4	2	-	-	(NA)	(NA)	(NA)	(NA)
Beans, snap .....	129	208	-	-	159	151	(NA)	(NA)
Beets .....	18	3	-	-	1	(D)	(NA)	(NA)
Broccoli .....	23	153	-	-	24	140	(NA)	(NA)
Cabbage, Chinese .....	40	268	-	-	50	484	(NA)	(NA)
Cabbage, head .....	37	597	-	-	44	712	(NA)	(NA)
Cabbage, mustard .....	23	64	-	-	41	196	(NA)	(NA)
Cantaloups .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Carrots .....	8	2	-	-	(NA)	(NA)	(NA)	(NA)
Cauliflower .....	7	18	-	-	6	15	(NA)	(NA)
Celery .....	6	46	-	-	11	80	(NA)	(NA)
Collards .....	1	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Cucumbers and pickles .....	73	378	-	-	119	479	(NA)	(NA)
Daikon .....	39	169	-	-	63	198	(NA)	(NA)
Eggplant .....	143	163	1	(D)	156	145	(NA)	(NA)
Garlic .....	2	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Herbs, fresh cut .....	90	221	-	-	85	127	(NA)	(NA)
Honeydew melons .....	2	(D)	-	-	2	(D)	(NA)	(NA)
Kale .....	5	6	-	-	(NA)	(NA)	(NA)	(NA)
Lettuce, All .....	96	354	-	-	107	458	(NA)	(NA)
Lettuce, head .....	14	32	-	-	(NA)	(NA)	(NA)	(NA)
Lettuce, leaf .....	87	203	-	-	(NA)	(NA)	(NA)	(NA)
Lettuce, romaine .....	28	118	-	-	(NA)	(NA)	(NA)	(NA)
Mustard greens .....	15	(D)	-	-	1	(D)	(NA)	(NA)
Okra .....	45	(D)	-	-	18	14	(NA)	(NA)
Onions, dry .....	44	400	-	-	(NA)	(NA)	(NA)	(NA)
Onions, green .....	63	130	-	-	83	166	(NA)	(NA)
Parsley .....	30	40	-	-	45	36	(NA)	(NA)
Peas, Chinese (Sugar, Snow) .....	7	2	-	-	24	6	(NA)	(NA)
Peppers, Bell (see text) .....	14	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Peppers, Chile (all peppers-excluding Bell) (see text) .....	19	23	-	-	(NA)	(NA)	(NA)	(NA)
Pumpkins .....	32	164	-	-	32	44	(NA)	(NA)
Radishes .....	11	18	-	-	24	80	(NA)	(NA)
Spinach .....	19	13	-	-	25	19	(NA)	(NA)
Squash .....	56	185	-	-	75	183	(NA)	(NA)
Sweet corn .....	80	503	-	-	94	423	(NA)	(NA)
Tomatoes .....	72	664	-	-	74	388	(NA)	(NA)
Turnips .....	9	13	-	-	2	(D)	(NA)	(NA)
Vegetables, mixed .....	1	(D)	-	-	3	3	(NA)	(NA)
Vegetables, other .....	161	454	5	(D)	201	536	(NA)	(NA)
Watercress .....	19	33	-	-	16	34	(NA)	(NA)
Watermelons .....	14	631	-	-	15	(D)	(NA)	(NA)

**Table 36. Specified Fruits and Nuts by Acres: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Acres	Farms	Acres
Apples.....2002	2	(D)	2	(D)	1	(D)
Apples.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Avocados.....2002	601	628	488	(D)	211	(D)
Avocados.....1997	519	576	(NA)	(NA)	(NA)	(NA)
Bananas.....2002	677	1,844	585	1,632	184	213
Bananas.....1997	733	2,114	(NA)	(NA)	(NA)	(NA)
Coffee.....2002	1,202	7,986	1,123	6,568	375	1,418
Coffee.....1997	1,057	8,020	(NA)	(NA)	(NA)	(NA)
Grapes.....2002	6	41	5	22	4	19
Grapes.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Guavas.....2002	110	671	94	602	24	69
Guavas.....1997	238	999	(NA)	(NA)	(NA)	(NA)
Mangoes.....2002	212	(D)	156	(D)	96	166
Mangoes.....1997	171	(D)	(NA)	(NA)	(NA)	(NA)
Papayas.....2002	393	2,837	352	2,090	153	748
Papayas.....1997	512	(D)	(NA)	(NA)	(NA)	(NA)
Passion Fruit.....2002	42	11	29	6	15	6
Passion Fruit.....1997	76	17	(NA)	(NA)	(NA)	(NA)
Persimmons.....2002	19	(D)	16	(D)	4	2
Persimmons.....1997	19	19	(NA)	(NA)	(NA)	(NA)
Plums and prunes.....2002	5	(NA)	4	(D)	2	(D)
Plums and prunes.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Pomegranates.....2002	1	(D)	(NA)	(NA)	1	(D)
Pomegranates.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other noncitrus fruit (see text).....2002	366	1,246	259	713	201	533
Other noncitrus fruit (see text).....1997	72	341	(NA)	(NA)	(NA)	(NA)
Citrus fruit, All.....2002	474	641	369	424	164	217
Citrus fruit, All.....1997	396	651	(NA)	(NA)	(NA)	(NA)
Grapefruit, All.....2002	77	105	59	(D)	26	(D)
Grapefruit, All.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Kumquats.....2002	2	(D)	2	(D)	(NA)	(NA)
Kumquats.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Lemons.....2002	122	(NA)	40	(D)	50	(D)
Lemons.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Limes.....2002	171	(D)	137	(D)	50	(D)
Limes.....1997	204	(D)	(NA)	(NA)	(NA)	(NA)
Oranges, all (see text).....2002	259	237	206	192	80	45
Oranges, all (see text).....1997	247	248	(NA)	(NA)	(NA)	(NA)
Valencia oranges (see text).....2002	70	119	50	101	29	18
Valencia oranges (see text).....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other oranges (see text).....2002	203	118	165	91	60	27
Other oranges (see text).....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Tangelos.....2002	64	29	49	(D)	22	(D)
Tangelos.....1997	10	17	(NA)	(NA)	(NA)	(NA)
Tangerines.....2002	131	75	101	51	50	24
Tangerines.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other citrus fruit.....2002	71	(D)	46	(D)	27	(D)
Other citrus fruit.....1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Macadamia nuts.....2002	900	18,469	841	17,772	200	697
Macadamia nuts.....1997	1,153	20,571	(NA)	(NA)	(NA)	(NA)
Other nuts.....2002	64	85	35	30	38	55
Other nuts.....1997	15	26	(NA)	(NA)	(NA)	(NA)

**Table 37. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	2002		1997	
	Farms	Acres	Farms	Acres
Strawberries.....	3		11	(NA)

**Table 38. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crops	Under glass or other protection		In the open	
	Farms	Square feet	Farms	Acres
Nursery, greenhouse, floriculture, aquatic plants, mushrooms, flower seeds, vegetable seeds, and sod harvested, total (see text) . . . . . 2002 1997	641 (NA)	31,162,601 (NA)	1,040 (NA)	4,193 (NA)
Floriculture crops - bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants, total . . . . . 2002 1997	493 531	28,837,733 20,412,978	804 787	2,913 2,691
Bedding/garden plants . . . . . 2002 1997	28 (NA)	151,367 (NA)	41 (NA)	58 (NA)
Cut flowers and cut florist greens . . . . . 2002 1997	215 250	10,391,404 12,156,614	589 597	1,414 1,551
Foliage plants . . . . . 2002 1997	100 87	12,574,852 4,831,902	175 143	1,346 1,020
Potted flowering plants . . . . . 2002 1997	218 221	5,720,110 (D)	89 85	95 78
Aquatic plants . . . . . 2002 1997	2 (NA)	(D) (NA)	10 (NA)	3 (NA)
Bulbs, corms, rhizomes, and tubers-dry . . . . . 2002 1997	4 (NA)	(D) (NA)	12 (NA)	(D) (NA)
Flower seeds . . . . . 2002 1997	- (NA)	- (NA)	1 (NA)	(D) (NA)
Greenhouse vegetables . . . . . 2002 1997	60 48	860,304 507,947	(X) (X)	(X) (X)
2002 farms by area:				
1 to 999 square feet . . . . .	6	3,270	(X)	(X)
1,000 to 1,999 square feet . . . . .	14	18,581	(X)	(X)
2,000 to 2,999 square feet . . . . .	3	6,000	(X)	(X)
3,000 to 3,999 square feet . . . . .	5	16,056	(X)	(X)
4,000 or more square feet . . . . .	32	816,397	(X)	(X)
4,000 to 5,999 square feet . . . . .	3	14,265	(X)	(X)
6,000 to 9,999 square feet . . . . .	11	83,240	(X)	(X)
10,000 or more square feet . . . . .	18	718,892	(X)	(X)
Mushrooms . . . . . 2002 1997	3 1	(D) (D)	(X) (X)	(X) (X)
Nursery stock (see text) . . . . . 2002 1997	87 97	982,759 1,221,957	226 230	805 456
Sod harvested . . . . . 2002 1997	(X) (X)	(X) (X)	20 (NA)	113 (NA)
Vegetable seeds . . . . . 2002 1997	2 (NA)	(D) (NA)	4 (NA)	(D) (NA)
Other nursery and greenhouse crops . . . . . 2002 1997	28 (NA)	363,939 (NA)	60 (NA)	242 (NA)

**Table 39. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Crop	Acres in production		Harvested	
	Farms	Acres	Farms	Trees cut
Cut Christmas trees (see text) . . . . . 2002 1997	28 (NA)	(D) (NA)	19 (NA)	4,233 (NA)
Crop	Acres in production		Harvested	
Short-rotation woody crops (see text) . . . . . 2002 1997	Farms	Acres	Farms	Acres

**Table 40. Grain Storage Capacity: 2002 and 1997**

[Not published for this State]

**Table 41. Farms by Concentration of Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All farms	Fewest number of farms accounting for-			
		10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms .....	number 1,300,499 acres 241	5,398 100.0 (Z) (D)	1 0.1 76,194 19,049	4 0.4 350,074 16,670	21 146 2.7 528,231 3,618
Land in farms .....	acres				
Average size of farm .....	acres				
Estimated market value of land and buildings <sup>1</sup> .....	farms \$1,000 dollars	5,438 4,583,532 842,875 3,507	1 (D) (D)	4 249,944 62,486,122 3,280	21 682,024 32,477,334 1,948
Average per farm .....	dollars				
Average per acre .....	dollars				
Estimated market value of all machinery and equipment .....	\$1,000 percent	186,163 100.0	(D)	24,923 13.4	55,698 29.9
Land in farms according to use:					
Total cropland .....	acres	211,120	(D)	55,385	90,623
Harvested cropland .....	acres	109,461	(D)	27,431	51,154
Pastureland, excluding woodland pastured .....	acres	889,166	(D)	(D)	(D)
Market value of agricultural products sold (see text) .....	\$1,000 Average per farm	533,423 98,819	(D)	153,269 38,317,350	267,573 12,741,584
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13 14,647	-	-	3 (D)
Tobacco .....	farms \$1,000	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554	-	-	3 22,119
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	-	(D)	10 129,209
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	-	-	1 (D)
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	-	-	-
Other crops and hay (see text) .....	farms \$1,000	271 86,061	1 (D)	1 (D)	4 76,940
Cattle and calves .....	farms \$1,000	550 30,719	-	-	4 (D)
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	-	-	2 (D)
Hogs and pigs .....	farms \$1,000	158 4,612	-	-	7 21,460
Sheep, goats, and their products .....	farms \$1,000	145 1,081	-	-	5 (D)
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	-	-	1 (D)
Poultry and eggs .....	farms \$1,000	110 12,545	-	-	36 10,507
Aquaculture (see text) .....	farms \$1,000	67 14,005	-	-	1 1,1743
Other animals and other animal products (see text) .....	farms \$1,000	65 2,940	-	-	2 (D)
Value of certified organically produced commodities (see text) .....	farms \$1,000	140 4,801	-	(D)	2 (D)
Value of agricultural products received by landlords (see text) .....	farms \$1,000	157 1,093	-	-	5 2,884
Total farm production expenses <sup>1</sup> .....	farms \$1,000	5,438 450,946	1 (D)	4 120,328	21 222,673
Selected farm production expenses <sup>1</sup> :					
Fertilizer, lime, and soil conditioners .....	farms \$1,000	4,326 17,791	1 (D)	4 5,836	17 9,839
Chemicals .....	farms \$1,000	3,627 16,134	1 (D)	4 5,961	18 9,454
Livestock and poultry purchased .....	farms \$1,000	329 6,025	-	-	6 902
Feed purchased .....	farms \$1,000	1,267 27,997	-	-	6 8,922
Gasoline, fuels, and oils .....	farms \$1,000	4,721 14,458	1 (D)	4 3,605	21 6,014
Utilities (see text) .....	farms \$1,000	2,912 19,474	1 (D)	4 7,038	19 10,575
Hired farm labor .....	farms \$1,000	1,527 177,692	1 (D)	4 64,356	21 104,000
Interest expense .....	farms \$1,000	955 8,633	-	-	12 1,103
Government payments .....	farms \$1,000	113 886	-	1 (D)	2 (D)
Inventory of selected livestock:					
Cattle and calves .....	number farms	748 154,308	-	-	4 31,079
Milk cows .....	number farms	27 6,465	-	-	2 (D)
Hogs and pigs .....	number farms	204 23,364	-	-	5 6,341
					5 5,013

<sup>1</sup> Data are based on a sample of farms.

**Table 42. Commodities Raised and Delivered Under Production Contracts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Commodity	2002		1997	
	Farms	Number	Farms	Number
Broilers, and other meat-type chickens . . . . .	4	879,758	(NA)	(NA)
Eggs, chicken (dozens) . . . . .	-	-	(NA)	(NA)
Pullets for laying flock replacement . . . . .	-	-	(NA)	(NA)
Turkeys . . . . .	-	-	(NA)	(NA)
Custom fed cattle . . . . .	-	-	(NA)	(NA)
Hogs and pigs . . . . .	1	(D)	(NA)	(NA)
Other livestock, poultry, or aquaculture . . . . .	-	(X)	(NA)	(NA)
Grains and oilseeds . . . . .	3	(X)	(NA)	(NA)
Vegetables, melons, potatoes, and sweet potatoes . . . . .	1	(X)	(NA)	(NA)
Other crops (see text) . . . . .	9	1,629	(NA)	(NA)
Value of commodities (see text) (\$1,000) . . . . .	9	401	(NA)	(NA)
Payments received (see text) (\$1,000) . . . . .				

**Table 43. Value of Land and Buildings: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Value of land and buildings	2002		1997		
	Farms	Value (\$1,000)	Farms	Value (\$1,000)	
Estimated market value of land and buildings . . . . .	farms \$1,000	5,438 (X)	4,583,552 842,875 3,507	5,473 (X) (X)	3,460,472 632,281 2,405
Average per farm . . . . .	dollars	(X)			
Average per acre . . . . .	dollars	(X)			
By value group:					
\$1 to \$49,999 . . . . .	563	11,195	(NA)	(NA)	(NA)
\$50,000 to \$99,999 . . . . .	556	38,378	(NA)	(NA)	(NA)
\$100,000 to \$199,999 . . . . .	839	112,255	(NA)	(NA)	(NA)
\$200,000 to \$499,999 . . . . .	1,643	503,770	1,677	509,266	509,266
\$500,000 to \$999,999 . . . . .	1,000	664,785	594	385,378	385,378
\$1,000,000 to \$1,999,999 . . . . .	442	579,100	196	251,546	251,546
\$2,000,000 to \$4,999,999 . . . . .	279	817,417	80	231,910	231,910
\$5,000,000 to \$9,999,999 . . . . .	67	436,480	(NA)	(NA)	(NA)
\$10,000,000 or more . . . . .	49	1,420,172	(NA)	(NA)	(NA)

**Table 44. Value of Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Value of machinery and equipment	2002		1997	
	Farms	Value (\$1,000)	Farms	Value (\$1,000)
Estimated market value of machinery and equipment . . . . .	5,234 (X)	186,163 35,568	5,471 (X)	211,775 38,709
Average per farm <sup>1</sup> . . . . .				
By value group:				
\$1 to \$4,999 . . . . .	2,222	3,723	1,381	3,386
\$5,000 to \$9,999 . . . . .	883	5,875	1,142	7,275
\$10,000 to \$19,999 . . . . .	834	11,034	1,217	16,098
\$20,000 to \$29,999 . . . . .	378	8,778	680	15,452
\$30,000 to \$49,999 . . . . .	361	13,248	514	18,307
\$50,000 to \$69,999 . . . . .	136	7,303	191	10,351
\$70,000 to \$89,999 . . . . .	137	11,090	124	9,827
\$100,000 to \$199,999 . . . . .	149	20,144	133	17,335
\$200,000 to \$499,999 . . . . .	89	28,621	65	18,101
\$500,000 to \$999,999 . . . . .	30	58,327	10	6,785
\$1,000,000 or more . . . . .	15	58,034	14	88,858

<sup>1</sup> Data are in whole dollars.

**Table 45. Selected Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Selected machinery and equipment	2002						1997			
	Total		Manufactured 1998 to 2002		Manufactured prior to 1998		Total		Manufactured 1993 to 1997	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Tractors	2,896	5,220	835	1,229	2,359	3,991	2,837	4,793	629	843
2 or 3	815	1,874	232	484	568	1,250	772	1,719	104	220
4 or more	216	1,481	26	168	165	1,115	138	1,147	15	113
Less than 40 horsepower (PTO)	2,149	3,111	649	858	1,693	2,253	2,047	2,767	425	495
40 to 99 horsepower (PTO)	962	1,715	198	279	817	1,436	935	1,450	189	268
100 horsepower (PTO) or more	230	394	54	92	185	302	288	376	56	80
Grain and bean combines	6	8	1	(D)	6	(D)	17	25	3	3
Cotton pickers and strippers	-	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	4	4	1	(D) <sub>9</sub>	3	(D) <sub>7</sub>	(NA) <sub>15</sub>	(NA) <sub>19</sub>	(NA) <sub>7</sub>	(NA) <sub>7</sub>
Hay balers	14	16	9	(D) <sub>9</sub>	5	(D) <sub>7</sub>	(NA) <sub>15</sub>	(NA) <sub>19</sub>	(NA) <sub>7</sub>	(NA) <sub>7</sub>

**Table 46. Fertilizers and Chemicals: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	2002	1997	Item	2002	1997	
Any fertilizer, manure, or chemicals used	farms	4,586	Any fertilizer, manure, or chemicals used <sup>1</sup> - Con.			
Commercial fertilizer, lime, and soil conditioners <sup>2</sup>	farms	4,326	Chemicals - Con.			
acres treated	127,996	4,051	Acres treated to control- Con.			
purchased, \$1,000	17,791	133,927	Weeds, grass, or brush	farms	2,820	
Manure	farms	730	acres	101,258	2,685	
acres treated	3,812	(NA)	Nematodes	farms	275	122,576
Chemicals	farms	3,627	acres	8,169	350	
purchased, \$1,000	16,134	3,834	Diseases in crops and orchards	farms	800	11,086
Acres treated to control- Insects <sup>3</sup>	farms	1,840	acres	30,824	1,033	
acres	41,616	1,604	Chemicals used to control growth, thin fruit, or defoliate	farms	216	33,343
		34,673	acres on which used	26,378	184	
					15,184	

<sup>1</sup> Data for 1997 exclude lime and manure.

<sup>2</sup> Expense data for 1997 exclude lime.

<sup>3</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator reporting-						More than one race	
	One race					Asian		
	White	Black or African American	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander				
<b>F FARMS AND LAND IN FARMS</b>								
Farms .....	2,148	12	30	424	2,090	694		
Land in farms .....	963,520	70	1,270	110,389	122,799	102,451		
<b>F FARMS BY SIZE</b>								
1 to 9 acres .....	1,288	10	17	245	1,449	431		
10 to 49 acres .....	544	2	9	88	517	149		
50 to 179 acres .....	162	-	2	40	70	61		
180 to 499 acres .....	59	-	2	30	31	24		
500 acres or more .....	95	-	-	21	23	29		
<b>OWNED AND RENTED LAND IN FARMS</b>								
Owned land in farms .....	1,681	11	21	241	1,366	471		
farms	(D)	(D)	(D)	(D)	41,828	(D)		
acres	721	2	13	225	941	294		
Rented or leased land in farms .....	(D)	(D)	(D)	(D)	80,971	(D)		
farms								
acres								
<b>TENURE</b>								
Full owners .....	1,427	10	17	199	1,149	400		
farms	(D)	(D)	(D)	52,414	(D)	17,863		
acres				42	217	71		
Part owners .....	254	1	4	(D)	(D)	41,593		
farms	(D)	(D)	(D)			223		
acres						42,995		
Tenants .....	467	1	9	183	724			
farms	(D)	(D)	(D)		(D)			
acres								
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>								
Total .....	2,148	12	30	424	2,090	694		
farms	279,279	147	512	14,615	218,705	21,051		
\$1,000								
Market value of agricultural products sold .....	2,148	12	30	424	2,090	694		
farms	(D)	147	512	(D)	218,553	21,022		
\$1,000					1,896	506		
Crops .....	1,610	11	24	270	197,490	15,590		
farms	(D)	(D)	427	(D)				
\$1,000								
Livestock, poultry, and their products .....	503	1	7	130	202	164		
farms	(D)	(D)	84	(D)	21,063	5,432		
\$1,000					22	12		
Government payments .....	60	-	-	19	(D)	152		
farms	(D)							
\$1,000								
<b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>								
Less than \$1,000 .....	371	-	2	63	129	93		
\$1,000 to \$2,499 .....	286	3	8	67	280	100		
\$2,500 to \$4,999 .....	282	4	4	61	263	101		
\$5,000 to \$9,999 .....	316	3	3	84	373	135		
\$10,000 to \$24,999 .....	408	1	9	87	430	125		
\$25,000 to \$49,999 .....	182	-	2	28	229	65		
\$50,000 or more .....	303	1	2	34	386	75		
<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>								
CCC loans .....	1	-	-	-	-	-		
farms	(D)							
\$1,000								
Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) .....	6	-	-	-	-	1		
farms	(D)					(D)		
\$1,000								
Other Federal farm program payments .....	55	-	-	19	21	12		
farms	(D)			(D)	(D)	30		
\$1,000								
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>								
Oilseed and grain farming (1111) .....	12	-	-	5	6	1		
Vegetable and melon farming (1112) .....	109	7	14	19	374	39		
farms	1,011			145	871	314		
Fruit and tree nut farming (1113) .....	-	-	-	-	-	-		
Greenhouse, nursery, and floriculture production (1114) .....	483	4	3	76	565	133		
Other crop farming (1119) .....	64	-	-	35	101	33		
Tobacco farming (11191) .....	-	-	-	-	-	-		
Cotton farming (11192) .....	-	-	-	-	-	-		
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	64	-	-	35	101	33		
Beef cattle ranching and farming (112111) .....	259	-	3	90	65	109		
Cattle feedlots (112112) .....	16	-	-	1	9	4		
Dairy cattle and milk production (11212) .....	7	-	-	1	2	3		
Hog and pig farming (1122) .....	37	-	-	18	40	20		
Poultry and egg production (1123) .....	18	-	1	5	23	4		
Sheep and goat farming (1124) .....	34	1	1	9	6	14		
Animal aquaculture and other animal production (1125, 1129) .....	98	-	1	20	28	20		
<b>OTHER FARM CHARACTERISTICS</b>								
Farms by -								
Type of organization:								
Family or individual .....	1,775	9	26	384	1,813	622		
Partnerships .....	108	1	2	19	62	33		
Corporations .....	230	2	2	12	191	35		

--continued

**Table 47. Selected Farm Characteristics by Race of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator reporting-						More than one race	
	One race					Asian		
	White	Black or African American	American Indian or Alaska Native	Native Hawaiian or Other Pacific Islander				
<b>OTHER FARM CHARACTERISTICS - Con.</b>								
Farms by- Con. Type of organization - Con.								
Other - cooperative, estate or trust, institutional, etc .....	35	-	-	9	24		4	
Number of operators:								
1 operator .....	1,223	6	15	226	1,384		452	
2 operators .....	798	6	10	164	585		204	
3 operators .....	94	-	1	23	86		33	
4 operators .....	17	-	1	6	17		4	
5 or more operators .....	16	-	3	5	18		1	
Number of women operators:								
1 woman operator .....	1,001	6	13	210	763		280	
2 women operators .....	63	-	2	15	52		16	
3 women operators .....	4	-	2	2	8		-	
4 women operators .....	1	-	-	-	1		-	
5 or more women operators .....	-	-	1	1	1		-	
Farms reporting-								
Computers for farm business .....	1,196	7	14	168	554		234	
Internet access .....	1,415	10	16	198	673		301	
Principal operator is a hired manager .....	farms 641,861	acres 149	(D) 1	(D) 2	80,300 27	41,014 126	25 26,214	
Farms by number of households sharing in net income of farm:								
1 household .....	1,736	7	19	292	1,463		520	
2 households .....	192	4	4	67	353		97	
3 households .....	38	-	2	14	75		17	
4 households .....	17	-	1	14	31		15	
5 or more households .....	16	-	2	10	42		20	
Farms by share of principal operator's total household income from farming:								
Less than 25 percent .....	1,512	7	22	310	1,168		445	
25 to 49 percent .....	179	3	44	279	279		86	
50 to 74 percent .....	139	2	2	25	191		46	
75 to 99 percent .....	73	-	-	13	106		21	
100 percent .....	245	1	3	32	346		96	

**Table 48. Women Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator		Characteristics	Principal operator	
	2002	1997		2002	1997
<b>F FARMS AND LAND IN FARMS</b>					
Farms .....	1,060	922	<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>		
Land in farms .....	110,958	58,700	Fruit and tree nut farming (1113) .....	474	398
number acres			Greenhouse, nursery, and floriculture production (1114) .....	305	256
<b>F FARMS BY SIZE</b>			Other crop farming (1119) .....	30	47
1 to 9 acres .....	776	684	Tobacco farming (11191) .....	-	-
10 to 49 acres .....	209	167	Cotton farming (11192) .....	-	-
50 to 179 acres .....	41	(NA)	Sugarcane farming, hay farming, and other crop farming (11193, 11194, 11199) .....	30	47
180 to 499 acres .....	20	(NA)	Beef cattle ranching and farming (11211) .....	67	82
500 acres or more .....	14	13	Cattle feedlots (112112) .....	6	-
<b>OWNED AND RENTED LAND IN FARMS</b>			Dairy cattle and milk production (11212) .....	1	20
Owned land in farms .....	farms	780	Hog and pig farming (1122) .....	5	9
acres		658	Poultry and egg production (1123) .....	12	6
Rented or leased land in farms .....	farms	76,722	Sheep and goat farming (1124) .....	49	36
acres		357	Animal aquaculture and other animal production (1125, 1129) .....		
<b>TENURE</b>					
Full owners .....	farms	703	<b>OTHER FARM CHARACTERISTICS</b>		
acres		587	Farms by-		
Part owners .....	farms	68,587	Type of organization:		
acres		77	Family or individual .....	941	799
Tenants .....	farms	280	Partnerships .....	41	64
acres		(D)	Corporations .....	66	(NA)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>			Other - cooperative, estate or trust, institutional, etc .....	12	5
Total .....	farms	1,060			
\$1,000		(NA)			
Market value of agricultural products sold .....	farms	30,656			
\$1,000		(NA)			
Crops .....	farms	1,060			
\$1,000		922			
Livestock, poultry, and their products .....	farms	30,496			
\$1,000		22,095			
Government payments .....	farms	20,352			
\$1,000		884			
		715			
		20,271			
<b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>					
Less than \$1,000 .....		129			
\$1,000 to \$2,499 .....		154			
\$2,500 to \$4,999 .....		162			
\$5,000 to \$9,999 .....		191			
\$10,000 to \$24,999 .....		241			
\$25,000 to \$49,999 .....		96			
\$50,000 or more .....		87			
		(NA)			
<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>					
CCC loans .....	farms	-			
\$1,000		-			
Conservation Reserve and Wetlands Reserve Programs (CRP and WRP) .....	farms	2			
\$1,000		(D)			
Other Federal farm program payments .....	farms	26			
\$1,000		(NA)			
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>					
Oilseed and grain farming (1111) .....		2			
Vegetable and melon farming (1112) .....		92			
		1			
		67			

**Table 49. Spanish, Hispanic, or Latino Origin Principal Operators - Selected Farm Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Principal operator		Characteristics	Principal operator	
	2002	1997		2002	1997
<b>F FARMS AND LAND IN FARMS</b>					
Farms	241	176	<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) - Con.</b>		
Land in farms	(D)	8,049	Fruit and tree nut farming (1113)	101	72
<b>F FARMS BY SIZE</b>			Greenhouse, nursery, and floriculture production (1114)	34	31
1 to 9 acres	142	104	Other crop farming (1119)	15	9
10 to 49 acres	62	50	Tobacco farming (11191)	-	-
50 to 179 acres	21	(NA)	Cotton farming (11192)	-	-
180 to 499 acres	8	(NA)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	15	9
500 acres or more	8	4	Beef cattle ranching and farming (112111)	36	31
<b>OWNED AND RENTED LAND IN FARMS</b>			Cattle feedlots (112112)	4	2
Owned land in farms	168	117	Dairy cattle and milk production (11212)	2	2
Land in farms	(D)	2,038	Hog and pig farming (1122)	8	11
Rented or leased land in farms	104	88	Poultry and egg production (1123)	2	-
Land in farms	19,707	6,011	Sheep and goat farming (1124)	8	3
<b>TENURE</b>			Animal aquaculture and other animal production (1125, 1129)	8	3
Full owners	137	88	<b>OTHER FARM CHARACTERISTICS</b>		
Land in farms	(D)	1,793	Farms by-		
Part owners	31	88	Type of organization:		
Land in farms	(D)	1,654	Family or individual	216	152
Tenants	13	59	Partnerships	11	13
Land in farms	16,968	4,662	Corporations	12	(NA)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>			Other - cooperative, estate or trust, institutional, etc	2	3
Total	farms	241	<b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>		
	\$1,000	(NA)	Number of operators:		
Market value of agricultural products sold	farms	9,230	1 operator	148	(NA)
	\$1,000	(NA)	2 operators	75	(NA)
Crops	9,174	10,089	3 operators	15	(NA)
Livestock, poultry, and their products	farms	165	4 operators	1	(NA)
	\$1,000	7,917	5 or more operators	2	(NA)
Government payments	farms	57	<b>COMMODITY CREDIT CORPORATION (CCC) LOANS AND FEDERAL FARM PROGRAM PAYMENTS</b>		
	\$1,000	50	Number of women operators:		
	\$1,000	4,059	1 woman operator	95	(NA)
	\$1,000	56	2 women operators	6	(NA)
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS)</b>			3 women operators	-	(NA)
Oilseed and grain farming (1111)		1	4 women operators	-	(NA)
Vegetable and melon farming (1112)		22	5 or more women operators	-	(NA)
		12	<b>Farms reporting-</b>		
			Computers for farm business	84	(NA)
			Internet access	98	(NA)
			<b>Principal operator is a hired manager</b>		
			farms	16	(NA)
			acres	(D)	(NA)
			<b>Farms by number of households sharing in net income of farm:</b>		
			1 household	171	(NA)
			2 households	37	(NA)
			3 households	6	(NA)
			4 households	6	(NA)
			5 or more households	5	(NA)
			<b>Farms by share of principal operator's total household income from farming:</b>		
			Less than 25 percent	138	(NA)
			25 to 49 percent	34	(NA)
			50 to 74 percent	17	(NA)
			75 to 99 percent	5	(NA)
			100 percent	31	(NA)

**Table 50. Selected Characteristics of Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

NAICS code (see text)	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets, average per farm (dollars)		Market value of agricultural products sold (\$1,000)		
				Land and buildings	Machinery and equipment	Total	Crops	Livestock, poultry, and their products
Total .....	5,398	1,300,499	109,461	842,875	35,568	533,423	445,356	88,067
Crop production (111) .....	4,431	274,674	108,712	561,924	32,688	446,568	444,739	1,829
Oilseed and grain farming (1111) .....	24	9,009	4,575	2,014,543	257,228	14,117	14,117	-
Soybean farming (11111) .....	-	-	-	-	-	-	-	-
Oilseed (except soybean) farming (11112) .....	-	-	-	-	-	-	-	-
Dry pea and bean farming (11113) .....	-	-	-	-	-	-	-	-
Wheat farming (11114) .....	-	-	-	-	-	-	-	-
Corn farming (11115) .....	10	7,108	4,544	(D)	615,264	14,117	14,117	-
Rice farming (11116) .....	-	-	-	-	-	-	-	-
Other grain farming (11119) .....	14	1,901	31	(D)	29,386	-	-	-
Vegetable and melon farming (11121) .....	548	13,738	(D)	421,131	34,847	55,495	54,622	873
Potato farming (111211) .....	8	30	(D)	50,022	8,859	32	(D)	(D)
Other vegetable (except potato) and melon farming (111219) .....	540	13,708	(D)	426,850	35,247	55,463	(D)	(D)
Fruit and tree nut farming (1113) .....	2,362	88,361	44,257	514,515	23,343	178,414	178,259	155
Orange groves (11131) .....	49	551	272	301,000	8,411	336	(D)	(D)
Citrus (except orange) groves (11132) .....	71	600	204	335,081	5,024	196	(D)	(D)
Noncitrus fruit and tree nut farming (11133) .....	2,242	87,210	43,781	523,908	24,185	177,881	177,736	145
Apple orchards (111331) .....	1	(D)	(D)	(D)	(D)	(D)	(D)	-
Grape vineyards (111332) .....	3	(D)	40	(D)	(D)	(D)	(D)	-
Strawberry farming (111333) .....	3	(D)	25	1,057,046	87,775	290	290	-
Berry (except strawberry) farming (111334) .....	-	-	-	-	-	-	-	-
Tree nut farming (111335) .....	538	24,228	18,329	548,728	20,860	34,647	34,593	55
Fruit and tree nut combination farming (111336) .....	-	-	-	-	-	-	-	-
Other noncitrus fruit farming (111339) .....	1,690	62,750	25,360	510,283	24,982	142,840	142,749	91
Greenhouse, nursery, and floriculture production (1114) .....	1,264	(D)	28,667	486,352	20,692	111,322	111,158	164
Food crops grown under cover (11141) .....	48	(D)	134	138,975	9,866	4,712	(D)	(D)
Nursery and floriculture production (11142) .....	1,216	(D)	28,553	500,523	21,134	106,610	(D)	(D)
Nursery and tree production (111421) .....	298	44,289	(D)	738,536	23,988	29,896	28,806	90
Floriculture production (111422) .....	918	(D)	(D)	426,568	20,247	77,714	(D)	(D)
Other crop farming (1119) .....	233	(D)	(D)	1,622,364	163,480	87,220	86,583	637
Tobacco farming (11191) .....	-	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-	-
Sugarcane farming (11193) .....	2	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Hay farming (11194) .....	5	456	304	(D)	(D)	38	(D)	(D)
All other crop farming (11199) .....	226	(D)	1,418	(D)	(D)	(D)	(D)	(D)
Animal production (112) .....	967	1,025,825	749	2,026,747	49,586	86,854	617	86,237
Cattle ranching and farming (1121) .....	569	941,035	602	2,798,190	58,828	52,632	351	52,281
Beef cattle ranching and farming, including feedlots (11211) .....	556	926,829	(D)	2,830,326	56,468	30,017	(D)	(D)
Beef cattle ranching and farming (112111) .....	526	(D)	(D)	2,730,462	58,323	24,468	318	24,150
Cattle feedlots (112112) .....	30	(D)	(D)	3,846,941	39,736	5,549	(D)	(D)
Dairy cattle and milk production (11212) .....	13	14,206	(D)	1,600,585	206,608	22,616	(D)	(D)
Hog and pig farming (1122) .....	115	(D)	(D)	789,044	13,141	4,205	(D)	(D)
Poultry and egg production (1123) .....	51	660	45	879,650	37,464	12,487	63	12,424
Chicken egg production (11231) .....	18	(D)	36	1,064,551	79,281	10,265	(D)	(D)
Broilers and other meat-type chicken production (11232) .....	4	(D)	-	(D)	(D)	1,313	-	1,313
Turkey production (11233) .....	-	-	-	-	-	-	-	-
Poultry hatcheries (11234) .....	2	(D)	-	(D)	(D)	(D)	(D)	(D)
Other poultry production (11239) .....	27	414	9	863,036	(D)	(D)	(D)	(D)
Sheep and goat farming (1124) .....	65	(D)	(D)	1,092,793	44,108	999	(D)	(D)
Sheep farming (11241) .....	21	(D)	10	1,885,294	1,225	(D)	(D)	(D)
Goat farming (11242) .....	44	5,461	(D)	783,066	58,952	(D)	(D)	(D)
Animal aquaculture (1125) .....	46	708	26	1,327,884	60,386	13,198	(D)	(D)
Other animal production (1129) .....	121	20,308	49	1,306,507	45,544	3,333	(D)	(D)
Apiculture (11291) .....	18	285	(D)	403,077	80,231	1,328	18	1,310
Horse and other equine production (11292) .....	75	4,814	(D)	1,170,176	13,492	299	(D)	(D)
Fur-bearing animal and rabbit production (11293) .....	-	-	-	-	-	-	-	-
All other animal production (11299) .....	28	15,209	(D)	1,809,863	111,515	1,706	65	1,640

<sup>1</sup> Data are based on a sample of farms.

**Table 51. Institutional, Research, Experimental, and American Indian Reservation Farms: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	2002	1997	Characteristics	2002	1997
Farms	number	43	Total farm production expenses <sup>1</sup>	\$1,000	21,160
Land in farms	acres	19,177	Average per farm	dollars	492,086
Average size of farm	acres	446	Government payments	farms	-
Estimated value of land and buildings <sup>1</sup>	\$1,000	119,101	\$1,000	\$1,000	(NA)
Average per farm	dollars	2,789,799	Average per farm	dollars	(NA)
Average per acre	dollars	6,211	Income from farm-related	farms	(NA)
Estimated market value of all machinery	\$1,000	6,326	sources (see text)	\$1,000	1
and equipment <sup>1</sup>		(NA)	Average per farm	dollars	(D)
Land in farms according to use:			Tenure of operator:	farms	(NA)
Total cropland	farms	38	Full owners		21
Harvested cropland	acres	(D)	Part owners		6
Cropland used only for pasture	farms	35	Tenants		16
or grazing	acres	4,369			
Other cropland	farms	6	Farms by North American Industry		
	acres	(D)	Classification System:		
Total woodland	farms	4	Oilseed and grain farming (1111)		11
Woodland pastured	acres	(D)	Vegetable and melon farming (1112)		3
Woodland not pastured	farms	-	Fruit and tree nut farming (1113)		12
Pastureland and rangeland, other	acres	-	Greenhouse, nursery, and floriculture		
than cropland and woodland	farms	-	production (1114)		4
pastured (see text)	acres	6	Other crop farming (1119)		2
Land in house lots, ponds, roads,	farms	(D)	Tobacco farming (11191)		-
wasteland, etc.	acres	30	Cotton farming (11192)		
Irrigated land	farms	(D)	Sugarcane farming, hay farming, and all other		
	acres	25	crop farming (11193, 11194, 11199)		2
Market value of agricultural products	\$1,000	4,318	Beef cattle ranching and farming (112111)		2
sold (see text)	dollars	(NA)	Cattle feedlots (112112)		
Average per farm	\$1,000	17,898	Dairy cattle and milk production (11212)		1
Crops	dollars	(NA)	Hog and pig farming (1122)		2
Livestock, poultry, and their	\$1,000	416,234	Poultry and egg production (1123)		(NA)
products		17,536	Sheep and goat farming (1124)		-
	\$1,000	(NA)	Animal aquaculture and other animal		
		362	production (1125, 1129)		6
		(NA)			(NA)

<sup>1</sup> Data are based on a sample of farms.

**Table 52. Selected Operator Characteristics by Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	White		Black or African American		American Indian or Alaska Native	
	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator
Operators ..... number	3,149	2,148	13	12	51	30
Sex of operator:						
Male .....	2,065	1,703	11	10	29	24
Female .....	1,084	445	2	2	22	6
Primary occupation:						
Farming .....	1,660	1,181	7	6	30	17
Other .....	1,489	967	6	6	21	13
Place of residence:						
On farm operated .....	2,317	1,600	12	11	37	23
Not on farm operated .....	832	548	1	1	14	7
Days worked off farm:						
None .....	1,507	1,038	8	8	29	16
Any .....	1,642	1,110	5	4	22	14
1 to 49 days .....	221	156	2	2	3	1
50 to 99 days .....	154	95	-	-	4	3
100 to 199 days .....	256	156	-	-	1	-
200 days or more .....	1,011	703	3	2	14	10
Years on present farm:						
2 years or less .....	267	150	2	2	4	1
3 or 4 years .....	452	272	1	1	6	4
5 to 9 years .....	781	531	1	1	10	5
10 years or more .....	1,649	1,195	9	9	31	20
Age group:						
Under 25 years .....	35	10	-	-	-	-
25 to 34 years .....	88	44	-	-	-	-
35 to 44 years .....	445	269	1	1	-	-
45 to 54 years .....	1,175	803	5	4	17	11
55 to 64 years .....	805	567	3	3	10	6
65 to 74 years .....	399	295	2	2	13	6
75 years and over .....	202	160	2	2	6	4
Average age of:						
All operators .....	54.2	(X)	59.6	(X)	58.5	(X)
Principal operator .....	52.6	(X)	(X)	(D)	(X)	(D)
Second operator .....	44.2	(X)	-	(X)	(D)	(X)
Third operator .....						
Spanish, Hispanic, or Latino origin (see text) .....	136	91	3	3	6	3
Race:						
White .....	3,149	2,148	(X)	(X)	(X)	(X)
Black or African American .....	(X)	(X)	13	12	51	30
American Indian or Alaska Native .....	(X)	(X)	(X)	(X)	(X)	(X)
Native Hawaiian or Other Pacific Islander .....	(X)	(X)	(X)	(X)	(X)	(X)
Asian .....	(X)	(X)	(X)	(X)	(X)	(X)
More than one race reported .....	(X)	(X)	(X)	(X)	(X)	(X)
Living on an American Indian Reservation .....	1	-	-	-	-	-
Number of persons living in household of-						
Principal operator .....	(X)	5,481	(X)	-	32	(X)
Second operator .....	561	(X)	-	(X)	3	-
Third operator .....	180	(X)	-	(X)	-	(X)

See footnote(s) at end of table.

--continued

**Table 52. Selected Operator Characteristics by Race: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	Native Hawaiian or Other Pacific Islander		Asian		More than one race reported	
	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator	All operators <sup>1</sup>	Principal operator
Operators ..... number	655	424	2,969	2,090	978	694
Sex of operator:						
Male .....	416	312	2,041	1,726	675	563
Female .....	239	112	928	364	303	131
Primary occupation:						
Farming .....	339	233	1,780	1,312	477	376
Other .....	316	191	1,189	778	501	318
Place of residence:						
On farm operated .....	381	243	1,753	1,218	618	443
Not on farm operated .....	274	181	1,216	872	360	251
Days worked off farm:						
None .....	314	203	1,665	1,197	440	324
Any .....	341	221	1,304	893	538	370
1 to 49 days .....	36	22	175	119	45	32
50 to 99 days .....	27	11	139	87	49	30
100 to 199 days .....	68	43	201	124	86	70
200 days or more .....	210	145	789	563	358	238
Years on present farm:						
2 years or less .....	69	31	159	101	76	37
3 or 4 years .....	100	63	263	146	113	62
5 to 9 years .....	177	108	608	396	226	153
10 years or more .....	309	222	1,939	1,447	563	442
Age group:						
Under 25 years .....	21	2	11	2	17	-
25 to 34 years .....	53	29	114	54	46	25
35 to 44 years .....	106	57	457	283	183	109
45 to 54 years .....	199	137	835	591	310	226
55 to 64 years .....	157	113	639	471	187	140
65 to 74 years .....	87	61	492	357	145	115
75 years and over .....	32	25	421	332	90	79
Average age of:						
All operators .....	51.9	(X)	57.0	(X)	53.9	(X)
Principal operator .....	49.7	(X)	54.0	(X)	50.2	(X)
Second operator .....	38.2	(X)	55.2	(X)	41.3	(X)
Third operator .....			47.3	(X)		
Spanish, Hispanic, or Latino origin (see text) .....	34	20	108	60	100	64
Race:						
White .....	(X)	(X)	(X)	(X)	(X)	(X)
Black or African American .....	(X)	(X)	(X)	(X)	(X)	(X)
American Indian or Alaska Native .....	(X)	(X)	(X)	(X)	(X)	(X)
Native Hawaiian or Other Pacific Islander .....	655	424	(X)	(X)	(X)	(X)
Asian .....	(X)	(X)	2,969	2,090	(X)	(X)
More than one race reported .....			(X)	(X)	978	694
Living on an American Indian Reservation .....	-	-	-	-	-	-
Number of persons living in household of:						
Principal operator .....	(X)		1,328	(X)	6,202	(X)
Second operator .....	203	(X)	605	(X)	216	2,122
Third operator .....	45	(X)	232	(X)	101	(X)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 53. Women Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All operators 2002	Principal operator		Characteristics	All operators 2002 <sup>1</sup>	Principal operator	
		2002	1997			2002	1997
Operators <sup>2</sup> ..... number	2,578	1,060	922	Age group - Con.			
Sex of operator:				35 to 44 years .....	410	116	169
Male ..... (X)		(X)	(X)	45 to 54 years .....	854	337	264
Female ..... 2,578	1,060	922		55 to 64 years .....	583	250	(NA)
Primary occupation:				65 to 74 years .....	391	206	(NA)
Farming ..... 1,298	593	499		75 years and over .....	208	120	(NA)
Other ..... 1,280	467	423	Average age of :				
Place of residence <sup>3</sup> :				All operators .....	54.5	(X)	
On farm operated ..... 1,840	761	628	Principal operator .....				
Not on farm operated ..... 738	299	218	Second operator .....	52.9	(X)		
Days worked off farm <sup>3</sup> :				Third operator .....	47.5	(X)	
None ..... 1,332	578	368	Spanish, Hispanic, or				
Any ..... 1,246	482	475	Latino origin (see text) .....	111	34	32	
1 to 49 days ..... 167	80	(NA)	Race:				
50 to 99 days ..... 124	38	(NA)	White ..... 1,084	445	(NA)		
100 to 199 days ..... 219	69	107	Black or African American ..... 2	2	(NA)		
200 days or more ..... 736	295	254	American Indian or Alaska Native ..... 22	6	(NA)		
Years on present farm <sup>3</sup> :				Native Hawaiian or Other Pacific Islander ..... 239	112	(NA)	
2 years or less ..... 198	79	91	Asian ..... 928	364	(NA)		
3 or 4 years ..... 357	126	72	More than one race reported ..... 303	131	(NA)		
5 to 9 years ..... 633	250	196	Living on an American Indian reservation .....	-	-	(NA)	
10 years or more ..... 1,390	605	390	Number of persons living in household of:				
Age group:				Principal operator .....	(X)	2,699	(NA)
Under 25 years ..... 29	5	4	Second operator .....	657	(X)	(NA)	
25 to 34 years ..... 103	26	33	Third operator .....	191	(X)	(NA)	

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data for all operators are reported for a maximum of three operators per farm.

<sup>3</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 54. Spanish, Hispanic, or Latino Origin Operators - Selected Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	All operators 2002 <sup>1</sup>	Principal operator		Characteristics	All operators 2002 <sup>1</sup>	Principal operator	
		2002	1997			2002	1997
Operators ..... number	387	241	176	Age group - Con.			
Sex of operator:				35 to 44 years .....	76	40	48
Male ..... 276	207	144		45 to 54 years .....	123	78	52
Female ..... 111	34	32		55 to 64 years .....	75	46	(NA)
Primary occupation:				65 to 74 years .....	47	41	(NA)
Farming ..... 238	156	99		75 years and over .....	28	21	(NA)
Other ..... 149	85	77	Average age of :				
Place of residence <sup>2</sup> :				All operators .....	51.8	(X)	
On farm operated ..... 238	157	111	Principal operator .....				
Not on farm operated ..... 149	84	61	Second operator .....	49.9	(X)		
Days worked off farm <sup>2</sup> :				Third operator .....	37.5	(X)	
None ..... 160	108	56	Spanish, Hispanic, or				
Any ..... 227	139	111	Latino origin (see text) .....	387	241	176	
1 to 49 days ..... 29	132	(NA)	Race:				
50 to 99 days ..... 27	13	(NA)	White ..... 136	91	(NA)		
100 to 199 days ..... 34	23	20	Black or African American ..... 3	3	(NA)		
200 days or more ..... 137	85	69	American Indian or Alaska Native ..... 6	6	(NA)		
Years on present farm <sup>2</sup> :				Native Hawaiian or Other Pacific Islander ..... 34	20	(NA)	
2 years or less ..... 55	25	18	Asian ..... 108	60	(NA)		
3 or 4 years ..... 55	33	21	More than one race reported ..... 100	64	(NA)		
5 to 9 years ..... 87	55	33	Living on an American Indian reservation .....	-	-	(NA)	
10 years or more ..... 190	128	81	Number of persons living in household of:				
Age group:				Principal operator .....	(X)	742	(NA)
Under 25 years ..... 11	2	2	Second operator .....	123	(X)	(NA)	
25 to 34 years ..... 27	13	10	Third operator .....	70	(X)	(NA)	

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 55. Summary by Size of Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>F FARMS AND LAND IN FARMS</b>						
Farms .....	number 1,300,499	5,398 100.0	3,440 63.7	1,309 24.2	130 2.4	81 1.5
Land in farms .....	acres 241	12,110 4	26,972 21	7,363 57	6,670 82	9,291 113
Average size of farm .....	acres					
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	farms \$1,000	5,398 534,309	3,440 82,055	1,309 91,338	130 18,160	81 16,049
Average per farm .....	dollars 98,983	23,853	69,777 139,693	18,158 198,134		9,689 118,157
Farms by economic class:						
Less than \$1,000 (see text) .....		658	390	191	27	11
\$1,000 to \$2,499 .....		744	571	132	17	8
\$2,500 to \$4,999 .....		715	562	108	6	6
\$5,000 to \$9,999 .....		914	665	158	13	16
\$10,000 to \$24,999 .....		1,060	728	219	17	14
\$25,000 to \$49,999 .....		506	270	179	8	2
\$50,000 to \$99,999 .....		313	116	140	13	5
\$100,000 to \$249,999 .....		250	88	102	13	6
\$250,000 to \$499,999 .....		105	26	47	8	2
\$500,000 to \$999,999 .....		62	16	17	4	3
\$1,000,000 or more .....		71	8	16	4	2
\$1,000,000 to \$2,499,999 .....		43	7	14	3	1
\$2,500,000 to \$4,999,999 .....		15	1	2	1	1
\$5,000,000 or more .....		13	-	-	-	-
Total sales (see text) .....	farms \$1,000	5,398 533,423	3,440 (D)	1,309 91,230	130 18,158	81 (D)
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13	1	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	14,647 9	(D)	-	-	-
Tobacco .....	farms \$1,000	14,605	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554	439 8,055	184 12,738	14 3,983	3 1,812
Sales of \$50,000 or more .....	farms \$1,000	123	25	71	7	4 4,206
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	1,795 11,172	627 15,530	43 (D)	18 1,318
Sales of \$50,000 or more .....	farms \$1,000	162 160,178	5 5	83 8,217	17 2,221	20 1,125
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	1,049 44,469	282 45,507	15 4,434	12 (D)
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	182 34,207	124 43,477	10 4,313	5 (D)
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	13 14	4 (D)	1 (D)	-
Sales of \$50,000 or more .....	farms \$1,000	1	-	-	-	-
Other crops and hay (see text) .....	farms \$1,000	271 86,061	163 1,662	75 3,053	10 817	7 (D)
Sales of \$50,000 or more .....	farms \$1,000	33 83,840	3 244	17 2,573	5 750	4 (D)
Cattle and calves .....	farms \$1,000	550 30,719	50 93	148 390	40 278	32 208
Sales of \$50,000 or more .....	farms \$1,000	69 26,912	-	-	2 (D)	-
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	1 (D)	1 (D)	2 (D)	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	-	-	2 (D)	1 (D)
Hogs and pigs .....	farms \$1,000	158 4,612	97 3,183	38 (D)	4 (D)	4 (D)
Sales of \$50,000 or more .....	farms \$1,000	22 (D)	16 (D)	2 (D)	1 (D)	5 (D)
Sheep, goats, and their products .....	farms \$1,000	145 1,081	50 79	62 115	4 1	6 (D)
Sales of \$50,000 or more .....	farms \$1,000	3 780	-	-	-	5 (D)
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	23 138	23 89	4 (D)	3 11
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	5 20
Poultry and eggs .....	farms \$1,000	110 12,545	73 (D)	32 7,966	1 (D)	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	5 4,342	9 7,888	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	number percent	42 0.8	34 0.6	19 0.4	93 1.7	61 1.1	41 0.8
Land in farms .....	acres	6,655	6,724	4,447	31,740	40,307	56,159
Average size of farm .....	acres	158	198	234	341	661	1,370
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) .....	farms \$1,000 dollars	42 17,065 406,303	34 5,084 148,656	19 4,893 257,519	93 14,620 157,204	61 17,687 289,956	41 15,395 375,495
Average per farm .....							66 242,303 3,671,256
Farms by economic class:							
Less than \$1,000 (see text) .....		2	5	2	7	3	3
\$1,000 to \$2,499 .....		-	-	-	6	2	1
\$2,500 to \$4,999 .....		2	1	3	15	3	1
\$5,000 to \$9,999 .....		14	4	2	7	4	1
\$10,000 to \$24,999 .....		7	8	5	28	14	3
\$25,000 to \$49,999 .....		5	4	2	15	7	6
\$50,000 to \$99,999 .....		-	6	1	4	5	4
\$100,000 to \$249,999 .....		2	1	-	2	1	19
\$250,000 to \$499,999 .....		1	1	-	2	1	11
\$500,000 to \$999,999 .....		5	2	1	2	1	-
\$1,000,000 or more .....		4	1	1	5	7	6
\$1,000,000 to \$2,499,999 .....		2	1	-	3	5	15
\$2,500,000 to \$4,999,999 .....		1	1	1	2	2	1
\$5,000,000 or more .....		1	-	-	-	1	4
Total sales (see text) .....	farms \$1,000	42 (D)	34 (D)	19 (D)	93 14,585	61 17,637	41 15,304
Grains, oilseeds, dry beans, and dry peas .....	farms	1	1	-	4	2	3
Sales of \$50,000 or more .....	farms \$1,000	(D) (D)	-	-	(D) 2	(D) 2	(D) 1
Tobacco .....	farms \$1,000	-	-	-	(D) 2	(D) 2	(D) 1
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	(D) 2	(D) 2	(D) 1
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	6 2,656	1 (D)	1 (D)	5 4	1 (D)	-
Sales of \$50,000 or more .....	farms \$1,000	2,656	-	-	(D) 1	(D) 1	(D) 2
Fruits, tree nuts, and berries .....	farms \$1,000	14 1,671	14 1,835	6 6	14 6,599	13 5,221	4 125,727
Sales of \$50,000 or more .....	farms \$1,000	5 1,551	6 1,704	3 (D)	7 6,496	7 5,156	10 125,682
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	5 (D)	5 (D)	4 (D)	2 1	1 (D)	4 316
Sales of \$50,000 or more .....	farms \$1,000	2 (D)	2 (D)	1 (D)	1 (D)	2 (D)	4 316
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	(D) 1
Other crops and hay (see text) .....	farms \$1,000	-	2 (D)	1 (D)	3 1	3 59	4 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	(D) 1	-	(D) 3
Cattle and calves .....	farms \$1,000	23 559	15 306	9 173	67 979	46 808	31 1,677
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	2 (D)	1 (D)	2 9	12 808	52 23,996
Milk and other dairy products from cows .....	farms \$1,000	1 (D)	-	-	1 (D)	2 1	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-	1 (D)	2 1	1 (D)
Hogs and pigs .....	farms \$1,000	2 (D)	-	1 (D)	1 (D)	3 6	3 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	(D) 1	-	1 (D)
Sheep, goats, and their products .....	farms \$1,000	4 (D)	1 (D)	1 (D)	1 (D)	2 1	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	(D) 1	-	793 3
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	2 (D)	1 (D)	1 (D)	4 17	4 13	3 10
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	9 77
Poultry and eggs .....	farms \$1,000	-	1 (D)	1 (D)	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	(D) 1

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) .... farms \$1,000	14,005	67	43	15	4	2
Sales of \$50,000 or more .... farms \$1,000	13,693	21	7,562	1,262	(D)	(D)
Other animals and other animal products (see text) .... farms \$1,000	2,940	65	35	21	4	-
Sales of \$50,000 or more .... farms \$1,000	2,707	8	(D)	(D)	17	-
Government payments .... farms \$1,000	113	886	14	24	2	5
Value of - Certified organically produced commodities (see text) .... farms \$1,000	140	4,801	92	36	2	4
Landlord's share of total sales (see text) .... farms \$1,000	157	1,093	63	57	8	3
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	796	7,089	503	215	18	16
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses .... farms \$1,000	5,438	450,946	3,472	1,276	140	106
Average per farm .... dollars	82,925		56,081	72,134	19,198	13,315
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	17,791	4,236	2,175	2,505	524	746
Farms with expenses of- \$1 to \$4,999	4,015	245	3,049	960	79	68
\$5,000 to \$24,999	245	38	3,005	807	52	56
\$25,000 to \$49,999	25	4	25	146	23	23
\$50,000 or more	41	2	2	5	3	3
Chemicals purchased .... farms \$1,000	16,134	3,627	2,503	797	93	56
Farms with expenses of- \$1 to \$4,999	3,309	266	2,443	2,300	536	200
\$5,000 to \$24,999	266	57	2,443	672	54	39
\$25,000 to \$49,999	22	2	2	117	35	14
\$50,000 or more	30	1	1	6	3	3
Seeds, plants, vines, and trees .... farms \$1,000	11,188	1,887	1,254	522	23	29
Farms with expenses of- \$1 to \$4,999	1,318	344	3,290	4,588	(D)	268
\$1,000 to \$4,999	344	972	972	308	5	13
\$5,000 to \$24,999	163	196	196	129	9	3
\$25,000 to \$49,999	15	63	63	60	6	12
\$50,000 or more	47	6	6	3	1	1
Livestock and poultry purchased .... farms \$1,000	6,025	329	53	115	16	7
Farms with expenses of- \$1 to \$4,999	244	39	715	1,269	(D)	8
\$5,000 to \$24,999	39	46	46	105	14	7
\$25,000 to \$99,999	34	2	2	4	1	8
\$100,000 to \$249,999	6	1	1	4	1	1
\$250,000 or more	6	-	1	1	-	-
Breeding livestock purchased (see text) .... farms \$1,000	179	873	15	66	8	6
Other livestock and poultry purchased .... farms \$1,000	193	5,152	38	57	8	7
Feed purchased .... farms \$1,000	27,997	1,267	412	404	75	67
Farms with expenses of- \$1 to \$4,999	955	220	3,724	6,777	2,393	438
\$5,000 to \$24,999	220	29	366	337	53	39
\$25,000 to \$99,999	58	8	53	19	19	32
\$100,000 to \$249,999	9	4	4	1	1	8
\$250,000 or more	25	5	4	-	-	9
Gasoline, fuels, and oils .... farms \$1,000	14,458	4,721	2,978	1,108	116	106
Farms with expenses of- \$1 to \$4,999	4,387	282	2,620	2,616	489	652
\$5,000 to \$24,999	282	53	2,920	994	98	93
\$25,000 to \$49,999	24	3	107	5	15	11
\$50,000 or more	28	2	2	2	1	2

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) .... farms \$1,000	(D) <sup>2</sup>	-	-	-	-	-	-
Sales of \$50,000 or more .... farms \$1,000	(D)	-	-	-	-	-	-
Other animals and other animal products (see text) .... farms \$1,000	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>	-	(D) <sup>1</sup>	(D) <sup>2</sup>
Sales of \$50,000 or more .... farms \$1,000	-	-	-	-	-	-	-
Government payments .... farms \$1,000	(D) <sup>2</sup>	(D) <sup>5</sup>	(D) <sup>1</sup>	13	50	91	24
Value of - Certified organically produced commodities (see text) .... farms \$1,000	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>	-	(D) <sup>1</sup>	(D) <sup>2</sup>
Landlord's share of total sales (see text) .... farms \$1,000	(D) <sup>2</sup>	(D) <sup>4</sup>	(D) <sup>1</sup>	(D) <sup>2</sup>	(D) <sup>8</sup>	(D) <sup>1</sup>	(D) <sup>2</sup>
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	(D) <sup>4</sup>	(D) <sup>2</sup>	4 27	9 58	8 (D)	3 (D)	11 1,486
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>							
Total farm production expenses .... farms \$1,000	55 14,008	41 5,733	17 3,987	78 12,779	67 20,434	41 16,036	66 208,985
Average per farm .... dollars	254,684	139,818	234,522	163,839	304,989	391,134	3,166,433
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	19 180	19 490	4 255	30 471	27 741	12 300	28 9,089
Farms with expenses of- \$1 to \$4,999	11	3	-	20	19	7	14
\$5,000 to \$24,999	6	12	-	4	1	-	1
\$25,000 to \$49,999	1	4	2	6	7	3	1
\$50,000 or more	-	-	-	-	-	2	12
Chemicals purchased .... farms \$1,000	18 236	18 231	11 152	31 363	23 588	16 369	37 9,204
Farms with expenses of- \$1 to \$4,999	10	5	7	22	14	8	19
\$5,000 to \$24,999	5	12	2	5	4	3	7
\$25,000 to \$49,999	2	1	1	4	5	2	11
\$50,000 or more	1	-	1	1	-	3	-
Seeds, plants, vines, and trees .... farms \$1,000	7 57	12 278	2 (D)	7 121	4 9	5 (D)	8 1,944
Farms with expenses of- \$1 to \$999	1	2	-	1	1	3	4
\$1,000 to \$4,999	1	1	-	2	2	1	-
\$5,000 to \$24,999	5	8	1	2	1	-	-
\$25,000 to \$49,999	-	-	-	1	-	1	-
\$50,000 or more	-	1	1	1	-	-	4
Livestock and poultry purchased .... farms \$1,000	1 (D)	-	-	39 329	39 1,011	15 (D)	35 2,033
Farms with expenses of- \$1 to \$4,999	-	-	-	29	16	10	9
\$5,000 to \$24,999	-	-	-	1	13	3	15
\$25,000 to \$99,999	1	-	-	9	10	1	6
\$100,000 to \$249,999	-	-	-	-	-	-	1
\$250,000 or more	-	-	-	-	-	1	4
Breeding livestock purchased (see text) .... farms \$1,000	1 (D)	-	-	22 18	27 104	13 35	21 349
Other livestock and poultry purchased .... farms \$1,000	-	-	-	27 311	21 907	4 (D)	22 1,684
Feed purchased .... farms \$1,000	26 2,749	14 25	13 311	66 927	58 1,169	31 1,692	51 7,182
Farms with expenses of- \$1 to \$4,999	-	13	-	32	50	17	16
\$5,000 to \$24,999	24	1	7	17	5	9	21
\$25,000 to \$99,999	-	-	6	17	2	3	7
\$100,000 to \$249,999	-	-	-	-	-	1	1
\$250,000 or more	2	-	-	-	-	2	6
Gasoline, fuels, and oils .... farms \$1,000	.48 418	.40 236	17 82	.78 333	.66 486	.38 429	.65 5,698
Farms with expenses of- \$1 to \$4,999	36	28	14	60	52	21	17
\$5,000 to \$24,999	9	10	2	16	14	14	32
\$25,000 to \$49,999	2	2	1	1	3	1	5
\$50,000 or more	1	-	-	1	3	2	11

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) .... farms \$1,000	2,912 19,474	1,739 2,638	795 2,529	63 781	80 860	29 466
Farms with expenses of-						
\$1 to \$999	1,667	1,097	422	26	53	8
\$1,000 to \$4,999	919	559	253	19	21	13
\$5,000 to \$24,999	250	73	103	11	4	6
\$25,000 to \$49,999	37	4	16	4	-	-
\$50,000 or more	39	6	1	3	2	2
Supplies, repairs, and maintenance .... farms \$1,000	4,626 50,411	2,905 7,308	1,127 6,816	117 1,868	87 865	63 770
Farms with expenses of-						
\$1 to \$4,999	3,835	2,628	858	81	71	33
\$5,000 to \$24,999	588	231	210	26	19	18
\$25,000 to \$49,999	90	20	38	2	10	10
\$50,000 or more	113	26	21	8	3	2
Hired farm labor .... farms \$1,000	1,527 177,692	775 14,145	458 23,682	41 5,951	40 4,218	38 2,467
Farms with expenses of-						
\$1 to \$4,999	695	489	149	8	17	8
\$5,000 to \$24,999	387	177	164	12	9	9
\$25,000 to \$49,999	229	78	77	7	4	12
\$100,000 to \$249,999	120	21	43	7	9	8
\$250,000 or more	96	10	25	7	1	1
Contract labor .... farms \$1,000	824 7,159	483 1,951	261 2,475	16 348	13 (D)	3 354
Farms with expenses of-						
\$1 to \$999	209	159	39	9	-	-
\$1,000 to \$4,999	320	208	97	1	-	-
\$5,000 to \$24,999	235	110	98	2	9	-
\$25,000 to \$49,999	36	3	21	2	1	-
\$50,000 or more	24	3	6	2	2	3
Customwork and custom hauling .... farms \$1,000	282 9,232	92 166	99 474	15 (D)	7 (D)	2 (D)
Farms with expenses of-						
\$1 to \$999	130	68	35	10	-	1
\$1,000 to \$4,999	94	14	56	3	6	-
\$5,000 to \$24,999	34	9	54	1	1	-
\$25,000 to \$49,999	6	1	24	-	-	-
\$50,000 or more	18	-	2	1	-	-
Cash rent for land, buildings, and grazing fees .... farms \$1,000	1,655 19,723	762 2,124	484 2,822	70 787	47 570	31 1,479
Farms with expenses of-						
\$1 to \$4,999	1,249	683	368	41	36	9
\$5,000 to \$9,999	156	37	44	10	2	19
\$10,000 to \$24,999	149	38	52	15	4	2
\$25,000 or more	101	4	20	4	5	-
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	343 3,066	142 277	87 357	22 (D)	21 (D)	17 64
Farms with expenses of-						
\$1 to \$999	113	54	20	13	18	7
\$1,000 to \$4,999	135	75	41	4	-	-
\$5,000 to \$24,999	74	11	23	3	1	10
\$25,000 to \$49,999	11	2	3	2	2	-
\$50,000 or more	10	-	-	2	-	-
Interest expense .... farms \$1,000	955 8,633	503 3,338	280 2,435	34 231	11 (D)	37 167
Farms with expenses of-						
\$1 to \$4,999	540	270	156	20	9	33
\$5,000 to \$24,999	369	227	109	12	1	3
\$25,000 to \$49,999	36	5	13	2	1	-
\$100,000 or more	10	1	2	-	1	-
Secured by real estate .... farms \$1,000	611 6,114	357 2,887	196 1,838	22 (D)	-	5 74
Farms with expenses of-						
\$1 to \$999	96	28	57	-	-	-
\$1,000 to \$4,999	180	124	41	-	-	2
\$5,000 to \$24,999	311	202	89	12	-	1
\$25,000 to \$49,999	10	2	4	1	-	-
\$50,000 or more	14	1	5	-	-	-
Not secured by real estate .... farms \$1,000	430 2,519	200 451	107 597	13 (D)	11 (D)	33 93
Farms with expenses of-						
\$1 to \$999	173	124	20	7	1	7
\$1,000 to \$4,999	168	47	57	4	8	25
\$5,000 to \$24,999	68	26	26	-	1	1
\$25,000 to \$49,999	13	1	4	2	-	-
\$50,000 or more	8	2	6	-	1	-
Property taxes paid .... farms \$1,000	4,195 6,463	2,658 1,929	1,028 1,475	117 328	88 112	52 118
Farms with expenses of-						
\$1 to \$4,999	4,009	2,631	972	93	83	47
\$5,000 to \$9,999	106	24	49	10	1	2
\$10,000 to \$24,999	53	2	6	14	4	3
\$25,000 or more	27	1	1	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) .... farms \$1,000	37 910	16 (D)	3 (D)	36 152	34 623	25 577	55 9,613
Farms with expenses of- \$1 to \$999 ..... 26 \$1,000 to \$4,999 ..... 1 \$5,000 to \$24,999 ..... 4 \$25,000 to \$49,999 ..... 4 \$50,000 or more ..... 2	9 1 1 1 2	1 14 4 1 2	16 14 4 2 -	16 14 4 2 -	3 14 13 2 4	5 7 7 1 5	1 17 21 4 12
Supplies, repairs, and maintenance .... farms \$1,000	54 771	31 398	17 222	69 3,978	58 1,357	36 990	62 25,068
Farms with expenses of- \$1 to \$4,999 ..... 32 \$5,000 to \$24,999 ..... 15 \$25,000 to \$49,999 ..... 2 \$50,000 or more ..... 5	16 12 2 3	8 6 2 1	42 20 5 5	37 12 12 8	16 11 13 6	13 17 7 6	13 17 7 25
Hired farm labor .... farms \$1,000	21 (D)	14 2,372	2 (D)	23 4,160	43 10,171	19 7,880	53 96,462
Farms with expenses of- \$1 to \$4,999 ..... 9 \$5,000 to \$24,999 ..... 1 \$25,000 to \$99,999 ..... 1 \$100,000 to \$249,999 ..... 1 \$250,000 or more ..... 9	1 6 2 3 3	- - - - 2	2 1 11 13 6	11 - 13 13 6	1 3 8 11 6	1 5 16 11 20	1 1 16 11 20
Contract labor .... farms \$1,000	2 (D)	1 (D)	3 134	20 160	1 (D)	6 (D)	15 1,014
Farms with expenses of- \$1 to \$999 ..... - \$1,000 to \$4,999 ..... 1 \$5,000 to \$24,999 ..... 1 \$25,000 to \$49,999 ..... 1 \$50,000 or more ..... 1	- - - 1 -	- - - 1 -	- - 10 10 1	- - 10 10 1	- - 2 1 1	- 2 1 2 1	2 1 4 4 4
Customwork and custom hauling .... farms \$1,000	3 (D)	7 121	1 (D)	4 160	15 (D)	10 81	27 7,062
Farms with expenses of- \$1 to \$999 ..... - \$1,000 to \$4,999 ..... 1 \$5,000 to \$24,999 ..... 1 \$25,000 to \$49,999 ..... 1 \$50,000 or more ..... 2	- 1 6 1 2	1 - 1 - -	- 2 1 1 -	- 9 3 1 1	3 2 4 1 2	3 3 5 1 10	3 3 5 2 10
Cash rent for land, buildings, and grazing fees .... farms \$1,000	43 499	30 154	16 168	41 630	59 1,108	26 1,961	46 7,420
Farms with expenses of- \$1 to \$4,999 ..... 35 \$5,000 to \$9,999 ..... 1 \$10,000 to \$24,999 ..... 2 \$25,000 or more ..... 5	18 9 1 1	13 - 3 3	18 9 8 6	18 21 13 7	6 3 4 13	4 1 10 31	4 1 10 31
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	5 (D)	8 40	1 (D)	2 (D)	14 (D)	6 221	18 1,296
Farms with expenses of- \$1 to \$999 ..... - \$1,000 to \$4,999 ..... 1 \$5,000 to \$24,999 ..... 4 \$25,000 to \$49,999 ..... 1 \$50,000 or more ..... 1	- 1 8 - 1	- 1 - - -	- 1 1 1 -	- 8 1 1 1	- 1 4 1 1	- 1 5 2 5	- 1 5 5 5
Interest expense .... farms \$1,000	5 315	4 (D)	1 (D)	15 93	26 303	7 (D)	32 1,037
Farms with expenses of- \$1 to \$999 ..... 1 \$5,000 to \$24,999 ..... 2 \$25,000 to \$99,999 ..... 2 \$100,000 or more ..... 2	1 3 1 -	1 - 1 -	10 5 - -	24 5 1 1	5 1 1 1	11 9 10 2	11 9 10 2
Secured by real estate .... farms \$1,000	2 (D)	1 (D)	- (D)	2 (D)	10 (D)	2 (D)	14 627
Farms with expenses of- \$1 to \$999 ..... - \$1,000 to \$4,999 ..... - \$5,000 to \$24,999 ..... 1 \$25,000 to \$49,999 ..... 1 \$50,000 or more ..... 1	- - 1 - 1	- - 1 - -	- - 2 - -	- 9 2 - 1	- 1 4 - 1	- 1 3 3 5	- 2 3 3 5
Not secured by real estate .... farms \$1,000	3 (D)	3 (D)	1 (D)	14 (D)	17 (D)	5 (D)	23 411
Farms with expenses of- \$1 to \$999 ..... - \$1,000 to \$4,999 ..... 1 \$5,000 to \$24,999 ..... 1 \$25,000 to \$49,999 ..... 1 \$50,000 or more ..... 2	- 1 2 1 2	1 - 1 1 -	- 10 3 1 -	2 14 - 1 -	4 - - 1 1	6 2 9 4 2	6 2 9 4 2
Property taxes paid .... farms \$1,000	51 418	15 32	16 29	52 88	33 110	29 170	56 1,655
Farms with expenses of- \$1 to \$4,999 ..... 41 \$5,000 to \$9,999 ..... 1 \$10,000 to \$24,999 ..... 1 \$25,000 or more ..... 8	14 - 2 1	13 - 1 1	48 2 2 -	27 2 4 -	22 11 4 -	18 11 12 2	18 11 12 2

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) .... farms \$1,000	2,389 55,499	1,289 7,975	674 9,015	69 3,999	75 3,467	34 (D)
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 to \$99,999 ..... \$100,000 or more .....	1,803 394 56 68 68	1,126 134 8 15 6	459 147 29 23 16	46 12 2 4 5	55 12 2 2 5	8 14 8 4 -
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	216 1,170	125 393	54 205	3 (D)	- -	8 6
Depreciation expenses claimed (see text) .... farms \$1,000	1,709 34,498	883 3,424	496 4,196	39 752	64 1,830	29 221
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operations (see text) .... farms \$1,000 dollars	5,438 98,145 18,048	3,472 27,707 7,980	1,276 16,884 13,232	140 3,629 25,923	106 3,510 33,109	79 1,369 17,330
Average per farm ..... Farms with net gains <sup>4</sup> ..... number Average net gain ..... dollars	41,991	2,304 15,574	662 39,800	55 83,063	58 76,628	25 142,636
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	400 1,022 575 587 311 383	319 841 473 377 131 163	69 119 74 134 142 124	- 10 11 7 11 16	20 15 8 7 1 10	8 - - 7 1 9
Farms with net losses ..... number Average net loss ..... dollars	2,160 18,287	1,168 6,999	614 15,414	85 11,050	48 19,477	54 40,683
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	370 752 329 404 159 146	318 434 177 169 49 21	44 243 88 128 64 47	18 38 25 22 2 2	6 21 18 16 3 3	8 8 1 16 9 12
Net cash farm income of operators (see text) .... farms \$1,000 dollars	5,438 98,563 18,125	3,472 27,502 7,921	1,276 16,671 13,065	140 3,644 26,030	106 3,495 32,967	79 1,308 16,559
Average per farm ..... Operators reporting net gains <sup>4</sup> ..... farms Average net gain ..... dollars	3,283 42,210	2,312 15,621	660 39,640	55 83,334	58 76,369	25 139,976
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	372 1,046 594 580 304 387	300 849 493 377 130 163	61 135 66 134 142 122	- 10 11 7 11 16	20 15 8 7 1 10	8 - 7 - 1 9
Operators reporting net losses ..... farms Average net loss ..... dollars	2,155 18,567	1,160 7,426	616 15,408	85 11,050	48 19,477	54 40,579
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	374 739 331 402 161 148	316 427 176 169 49 23	50 237 90 127 65 47	18 38 25 22 2 2	6 21 18 16 9 3	8 8 1 16 9 12
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total ..... farms \$1,000	(D)	(D)	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	449 19,237	200 2,520	136 2,814	18 (D)	11 989	12 674
Customwork and other agricultural services ..... farms \$1,000	181 7,448	91 (D)	50 963	5 (D)	6 17	6 (D)
Gross cash rent or share payments ..... farms \$1,000	103 3,482	43 472	26 131	3 (Z)	3 (D)	5 (D)
Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000	21 243	2 (D)	5 (D)	2 (D)	1 (D)	-
Recreational services (see text) ..... farms \$1,000	24 1,607	6 (D)	6 47	2 (D)	2 (D)	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) .... farms \$1,000	38 1,788	22 (D)	4 (D)	42 716	59 2,175	27 497	56 23,208
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 to \$99,999 ..... \$100,000 or more .....	29 1 2 3 3	2 17 1 2 2	1 1 - 1 1	34 2 1 3 3	22 29 1 5 5	12 10 2 2 1	9 15 29 21
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	- -	- -	- -	- -	20 281	1 (D)	5 236
Depreciation expenses claimed (see text) .... farms \$1,000	11 1,221	13 143	3 119	45 2,282	51 2,151	25 1,480	50 16,679
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text) .... farms \$1,000 dollars	55 3,092 56,227	41 (D)	17 (D)	78 2,412 30,921	67 557 8,312	41 -238 -5,807	66 38,143 577,927
Farms with net gains <sup>4</sup> .... number dollars	9 509,003	24 (D)	11 (D)	35 106,197	40 74,288	22 159,734	33 1,383,696
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- - - - - 9	- 7 1 12 8 4	- - 1 - 1 2	- 20 8 8 5 7	1 1 - - 5 7	3 3 1 3 5 25	- - - - 5 25
Farms with net losses .... number dollars	46 32,359	17 59,627	6 49,609	43 30,349	27 89,429	19 197,486	33 227,842
Average net loss ..... .....	.....	.....	.....	.....	.....	.....	.....
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- 11 - 25 7 3	- 10 - 1 6 6	- - 1 - 19 3	- 11 1 9 1 15	- 8 - 3 1 9	3 1 4 2 9 25	- - - - 7 25
Net cash farm income of operators (see text) .... farms \$1,000 dollars	55 3,085 56,096	41 (D)	17 (D)	78 2,362 30,280	67 774 11,553	41 (D) (D)	66 38,243 579,445
Operators reporting net gains <sup>4</sup> .... farms dollars	9 509,003	24 (D)	11 (D)	35 106,197	39 81,031	22 160,502	33 1,385,987
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- - - - - 9	- 7 1 14 1 10	- - 1 - 1 2	- 20 8 8 5 7	- 1 - 26 5 7	3 3 1 4 6 25	- - - - 4 25
Operators reporting net losses .... farms dollars	46 32,516	17 59,608	6 (D)	43 31,512	28 85,220	19 (D)	33 227,096
Average net loss ..... .....	.....	.....	.....	.....	.....	.....	.....
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- 11 - 25 7 3	- 10 1 - 6 6	- - 1 - 19 3	- 11 1 9 1 15	- 8 - 3 1 9	3 1 4 2 9 25	- - - - 6 25
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total .... farms \$1,000	- -	- -	- -	- -	- -	- -	- -
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	4 (D)	5 480	5 (D)	6 230	12 935	11 403	29 4,825
Customwork and other agricultural services .... farms \$1,000	1 (D)	1 (D)	- -	3 (D)	7 (D)	4 (D)	7 269
Gross cash rent or share payments .... farms \$1,000	1 (D)	2 (D)	- -	1 (D)	1 (D)	3 (D)	15 2,710
Sales of forest products, excluding Christmas trees and maple products .... farms \$1,000	- -	- -	- -	- -	2 (D)	1 (D)	8 149
Recreational services (see text) .... farms \$1,000	- -	- -	- (D)	1 (D)	1 (D)	- (D)	10 362

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	40 90	19 7	12 (D)	1 (D)	-	-
Other farm-related income sources (see text) .... farms \$1,000	134 6,368	52 (D)	47 1,618	7 (D)	1 (D)	5 414
<b>LAND USE</b>						
Total cropland .... farms acres	4,755 211,120	3,251 9,455	1,141 15,805	91 3,332	47 2,455	44 3,152
Harvested cropland .... farms acres	4,522 109,461	3,205 8,042	1,050 10,280	75 1,713	39 1,166	32 1,492
Farms by acres harvested:						
1 to 49 acres ....	4,415	3,205	1,050	62	28	17
50 to 99 acres ....	49	-	-	13	11	8
100 to 199 acres ....	23	-	-	-	-	7
200 to 499 acres ....	15	-	-	-	-	-
500 to 999 acres ....	6	-	-	-	-	-
1,000 to 1,999 acres ....	5	-	-	-	-	-
2,000 acres or more ....	9	-	-	-	-	-
Cropland-						
For pasture or grazing only .... farms acres	451 36,540	137 362	186 2,128	20 661	12 584	15 1,229
On which all crops failed .... farms acres	200 1,407	90 (D)	79 355	12 (D)	3 (D)	2 (D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms acres	858 61,559	396 (D)	347 2,938	30 760	15 658	11 11
In cultivated summer fallow .... farms acres	55 2,153	20 34	21 104	2 (D)	2 (D)	2 (D)
Total woodland .... farms acres	308 117,685	114 (D)	118 1,138	18 559	9 208	7 338
Woodland pastured .... farms acres	86 41,486	19 31	38 271	8 164	2 (D)	2 (D)
Woodland not pastured .... farms acres	248 76,218	100 (D)	92 862	13 395	5 (D)	5 (D)
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms acres	858 852,626	172 (D)	308 5,327	60 2,688	40 2,817	50 4,954
Land in house lots, ponds, roads, wasteland, etc. .... farms acres	1,973 119,068	1,016 1,838	674 4,707	58 784	38 1,190	30 847
Irrigated land .... farms acres	2,231 69,194	1,527 2,971	531 3,880	44 760	24 450	25 833
Harvested cropland .... farms acres	2,174 58,691	1,516 2,916	510 3,522	39 665	22 (D)	19 524
Pastureland and other land .... farms acres	111 10,503	27 55	48 358	8 95	2 (D)	8 309
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms acres	5 243	-	(D)	1 (D)	-	-
Land used to raise certified organically produced crops (see text) .... farms acres	126 780	87 233	31 191	1 (D)	3 (D)	1 (D)
Land enrolled in Federal or other crop insurance programs (see text) .... farms acres	185 27,759	85 249	62 747	6 206	5 251	2 (D)
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>						
Estimated market value of land and buildings .... farms \$1,000	5,438 4,583,552	3,472 991,661	1,276 926,336	140 178,285	106 123,648	79 102,689
Average per farm .... dollars	842,875	285,617	725,968	1,273,466	1,166,489	1,299,862
Average per acre .... dollars	3,507	80,044	33,770	22,497	14,237	11,377
Farms by value group:						
\$1 to \$49,999 ....	563	531	32	-	-	-
\$50,000 to \$99,999 ....	556	457	91	-	-	8
\$100,000 to \$199,999 ....	839	646	158	9	25	-
\$200,000 to \$499,999 ....	1,643	1,204	341	24	2	32
\$500,000 to \$999,999 ....	1,000	531	336	56	30	6
\$1,000,000 to \$1,999,999 ....	442	82	236	15	22	22
\$2,000,000 to \$4,999,999 ....	279	21	80	32	27	2
\$5,000,000 to \$9,999,999 ....	67	-	2	4	-	9
\$10,000,000 or more ....	49	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000	1 (D)	-	-	-	-	1 (D)	6 6
Other farm-related income sources (see text) . . . . . farms \$1,000	1 (D)	3 (D)	4 16	2 (D)	3 (D)	2 (D)	7 1,328
<b>LAND USE</b>							
Total cropland . . . . . farms acres	27 2,747	26 3,788	13 2,115	43 9,647	29 14,044	17 14,917	26 129,663
Harvested cropland . . . . . farms acres	20 1,087	21 1,526	9 1,029	22 2,549	17 3,966	11 4,788	21 71,823
Farms by acres harvested:							
1 to 49 acres . . . . . farms acres	9 7	10 5	4 -	10 3	8 1	5 1	7 -
50 to 99 acres . . . . . farms acres	4 -	2 -	2 3	5 4	1 4	- -	1 1
100 to 199 acres . . . . . farms acres	-	-	-	-	-	-	-
200 to 499 acres . . . . . farms acres	-	-	-	-	-	-	-
500 to 999 acres . . . . . farms acres	-	-	-	-	-	-	-
1,000 to 1,999 acres . . . . . farms acres	-	-	-	-	-	2 2	3 3
2,000 acres or more . . . . . farms acres	-	-	-	-	-	-	9 9
Cropland-							
For pasture or grazing only . . . . . farms acres	10 961	7 (D)	6 (D)	24 4,828	17 7,833	9 7,078	8 8,683
On which all crops failed . . . . . farms acres	2 (D)	-	-	7 (D)	2 (D)	-	3 (D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres	10 (D)	10 (D)	1 (D)	16 1,896	10 (D)	3 (D)	9 47,555
In cultivated summer fallow . . . . . farms acres	- (D)	- (D)	- (D)	- (D)	- (D)	- (D)	1 (D)
Total woodland . . . . . farms acres	4 512	4 (D)	2 (D)	6 1,010	8 844	5 2,444	13 (D)
Woodland pastured . . . . . farms acres	2 (D)	- (D)	- (D)	3 (D)	6 (D)	8 (D)	8 (D)
Woodland not pastured . . . . . farms acres	4 (D)	4 (D)	2 (D)	5 (D)	2 (D)	4 (D)	8 70,575
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres	23 2,912	12 (D)	7 (D)	61 18,535	40 23,355	31 35,717	54 (D)
Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres	15 484	15 378	10 (D)	36 2,548	28 2,064	17 3,081	36 (D)
Irrigated land . . . . . farms acres	13 922	12 653	6 595	13 1,364	10 1,537	9 5,058	17 50,171
Harvested cropland . . . . . farms acres	11 (D)	11 (D)	3 (D)	13 (D)	7 1,400	7 3,845	16 42,436
Pastureland and other land . . . . . farms acres	2 (D)	1 (D)	3 (D)	1 (D)	3 137	4 1,213	4 7,735
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres	-	1 (D)	-	-	-	1 (D)	-
Land used to raise certified organically produced crops (see text) . . . . . farms acres	1 (D)	-	-	-	-	-	2 (D)
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres	2 (D)	2 (D)	2 (D)	2 (D)	7 3,642	5 3,002	5 18,202
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>							
Estimated market value of land and buildings . . . . . farms \$1,000	55 95,669	41 171,773	17 59,816	78 123,590	67 227,411	41 3,394,198	66 4,898
Average per farm . . . . . dollars	1,739,440	4,189,577	3,518,578	1,584,489	3,713,864	1,52,268	21,672,813
Average per acre . . . . . dollars	10,884	21,349	14,286	4,814	2,711	1,310	-
Farms by value group:							
\$1 to \$49,999 . . . . .	-	-	-	-	-	-	-
\$50,000 to \$99,999 . . . . .	-	-	-	-	-	-	-
\$100,000 to \$199,999 . . . . .	-	-	-	-	-	1	-
\$200,000 to \$499,999 . . . . .	9	9	-	22	-	-	-
\$500,000 to \$999,999 . . . . .	10 14	1 2	1 8	12 21	16 12	-	-
\$1,000,000 to \$1,999,999 . . . . .	20	13	2	21	12 7	7 1	-
\$2,000,000 to \$4,999,999 . . . . .	2	6	6	2	28 3	22 11	11 19
\$5,000,000 to \$9,999,999 . . . . .	-	-	-	-	8	-	35
\$10,000,000 or more . . . . .	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment .....	5,234 farms \$1,000 186,163	3,410 46,760	1,200 27,376	125 3,885	96 2,812	63 6,247
Farms by value group:						
\$1 to \$4,999 .....	2,222	1,781	361	21	27	-
\$5,000 to \$9,999 .....	883	604	238	8	16	15
\$10,000 to \$19,999 .....	830	437	269	47	42	11
\$20,000 to \$49,999 .....	739	439	195	18	45	10
\$50,000 to \$99,999 .....	273	86	87	26	24	15
\$100,000 to \$199,999 .....	148	44	35	3	4	11
\$200,000 to \$499,999 .....	89	10	13	2	2	-
\$500,000 or more .....	45	9	2	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors .....	2,896 farms number 5,220	1,527 2,225	867	116	80	37
Less than 40 horsepower (PTO) .....	9,149 farms number 1,169	1,502 665	268	119	84	-
40 to 99 horsepower (PTO) .....	3,111 farms number 962	1,610 390	88	120	49	10
100 horsepower (PTO) or more .....	1,715 farms number 230	509 84	307	135	60	26
Hay balers .....	394 farms number 14	106	471	11	54	26
Grain and bean combines .....	6 farms number 8	-	39	13	3	9
Cotton pickers and strippers .....	- farms number	-	-	-	-	-
Forage harvesters, self-propelled (see text) .....	4 farms number 4	-	-	1	-	-
Hay balers .....	14 farms number 16	-	(D)	-	-	8
Acres treated .....	2,859 acres treated 127,996	893 7,030	79	66	31	-
Manure .....	1,530 farms acres treated 3,812	484 1,008	2,297 196	1,348 245	1,862 (D)	1,862 (D)
Acres treated with chemicals to control insects .....	1,840 farms acres 41,616	1,239 2,813	430	48	26	22
Weeds, grass, or brush .....	2,820 farms acres 1,974	4,522 612	1,401	1,644	884	-
Nematodes .....	101,258 farms acres 275	5,037 204	5,959 48	67	46	21
Diseases in crops and orchards .....	8,169 farms acres 800	460 513	300 202	1,642 163	1,555 (D)	852
Chemicals used to control growth, thin fruit, or defoliate .....	30,824 farms acres on which used 216	1,092	2,082	547	1 (D)	482
TENURE						
Full owners .....	3,202 farms	2,388	629	56	32	29
Part owners .....	589 farms	156	247	31	19	15
Tenants .....	1,607 farms	896	433	43	30	38
<b>OWNED AND RENTED LAND</b>						
Land owned .....	3,801 farms acres 700,691	2,548 8,712	879 15,289	87	51	44
Owned land in farms .....	3,791 farms acres 673,158	2,544 8,075	876 15,056	3,874 3,780	3,389 3,093	4,074 4,029
Land rented or leased from others .....	2,205 farms acres 654,426	1,060 4,761	681 12,108	74	49	53
Rented or leased land in farms .....	2,196 farms acres 627,341	1,052 4,035	680 11,916	3,624 3,583	3,687 3,577	5,263 5,262
Land rented or leased to others .....	204 farms acres 54,618	113 (D)	43 425	5 (D)	8 (D)	3 (D)
<b>NUMBER OF OPERATORS</b>						
Total operators .....	8,009 number	4,931	2,036	202	124	128
Farms by number of operators:						
1 operator .....	3,306	2,175	742	80	53	46
2 operators .....	1,767	1,110	473	37	23	28
3 operators .....	237	117	70	7	4	7
4 operators .....	45	21	11	5	-	-
5 or more operators .....	43	17	13	1	1	1
Total women operators .....	2,652 number	1,749	651	55	31	40
Farms by number of women operators:						
1 operator .....	2,273	1,536	534	46	22	34
2 operators .....	148	85	49	3	-	3
3 operators .....	16	11	1	1	-	-
4 operators .....	2	1	1	-	-	-
5 or more operators .....	3	1	1	-	1	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Estimated market value of all machinery and equipment .....	farms \$,000	48 5,642	32 1,577	11 1,007	78 15,748	67 8,869	39 7,264
Farms by value group:							
\$1 to \$4,999							2
\$5,000 to \$9,999		11	2	-	12	4	
\$10,000 to \$19,999		8	1	7	20	1	
\$20,000 to \$49,999		-	-	1	20	6	
\$50,000 to \$99,999		4	17	-	16	10	
\$100,000 to \$199,999		13	2	3	5	11	
\$200,000 to \$499,999		10	1	-	12	15	
\$500,000 or more		2	-	-	9	8	
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Tractors .....	farms number	24 81	31 85	11 22	53 129	57 176	34 93
Less than 40 horsepower (PTO) .....	farms number	19 46	28 (D)	3 (D)	40 67	27 45	17 31
40 to 99 horsepower (PTO) .....	farms number	10 29	22 37	4 6	21 44	34 98	13 32
100 horsepower (PTO) or more .....	farms number	3 6	2 (D)	7 (D)	15 18	18 33	25 30
Grain and bean combines .....	farms number	- -	1 (D)	- -	(D) -	- -	1 (D)
Cotton pickers and strippers .....	farms number	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text) .....	farms number	- -	- -	- -	- -	- -	1 (D)
Hay balers .....	farms number	- -	1 (D)	- -	- -	- -	2 (D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners .....	farms acres treated	19 1,925	19 2,221	4 544	13 2,203	27 4,550	8 4,922
Manure .....	farms acres treated	(D)	-	-	(D)	(D)	90,098 (D)
Acres treated with chemicals to control:							
Insects .....	farms acres	9 617	16 1,338	4 736	12 1,682	16 1,923	6 2,875
Weeds, grass, or brush .....	farms acres	15 1,449	14 1,357	3 510	13 1,644	10 4,189	11 4,093
Nematodes .....	farms acres	2 (D)	1 (D)	- -	1 (D)	4 759	- 6
Diseases in crops and orchards .....	farms acres	8 524	8 576	3 509	6 965	6 1,991	3 (D)
Chemicals used to control growth, thin fruit, or defoliate .....	farms acres on which used	- -	- -	- -	1 (D)	1 (D)	- 5
<b>TENURE</b>							
Full owners .....	farms	11	8	4	16	5	7
Part owners .....	farms	15	11	8	23	24	11
Tenants .....	farms	16	15	7	54	32	23
<b>OWNED AND RENTED LAND</b>							
Land owned .....	farms acres	26 2,930	19 4,695	12 1,268	39 7,519	30 5,394	19 10,861
Owned land in farms .....	farms acres	26 2,928	19 2,215	12 1,268	39 7,519	29 5,206	46 10,770
Land rented or leased from others .....	farms acres	31 3,977	26 4,523	15 3,179	77 24,962	56 35,451	49 45,389
Rented or leased land in farms .....	farms acres	31 3,727	26 4,509	15 3,179	77 24,221	56 35,101	49 45,389
Land rented or leased to others .....	farms acres	2 (D)	4 2,494	- -	2 (D)	4 (D)	3 91
<b>NUMBER OF OPERATORS</b>							
Total operators .....	number	64	56	30	155	92	63
Farms by number of operators:							
1 operator .....		23	20	13	58	39	28
2 operators .....		18	11	3	19	16	6
3 operators .....		-	1	2	9	5	5
4 operators .....		-	-	-	5	-	2
5 or more operators .....		1	2	1	2	1	3
Total women operators .....	number	14	15	6	36	20	10
Farms by number of women operators:							
1 operator .....		12	12	6	27	20	6
2 operators .....		1	1	-	3	-	2
3 operators .....		-	-	-	1	-	1
4 operators .....		-	-	-	-	-	-
5 or more operators .....		-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	4,338	2,664	1,100	115	74	67
Female .....	1,060	776	209	15	7	15
Primary occupation:						
Farming .....	3,125	1,824	856	86	46	63
Other .....	2,273	1,616	453	44	35	19
Place of residence:						
On farm operated .....	3,538	2,413	814	74	46	35
Not on farm operated .....	1,860	1,027	495	56	35	47
Days worked off farm:						
None .....	2,786	1,703	721	70	39	48
Any .....	2,612	1,737	588	60	42	34
1 to 49 days .....	932	216	78	9	4	4
50 to 99 days .....	226	150	51	5	5	4
100 to 199 days .....	393	264	80	5	7	7
200 days or more .....	1,661	1,107	379	38	26	19
Years on present farm:						
2 years or less .....	322	211	75	6	5	8
3 or 4 years .....	547	368	122	15	6	7
5 to 9 years .....	1,194	776	285	26	12	19
10 years or more .....	3,335	2,085	827	83	58	48
Average years on present farm .....	15.5	15.1	15.8	16.3	18.8	13.8
Age group:						
Under 25 years .....	14	9	5	-	-	-
25 to 34 years .....	154	87	47	3	1	1
35 to 44 years .....	720	445	184	21	12	11
45 to 49 years .....	822	515	204	28	16	14
50 to 54 years .....	950	592	244	25	12	17
55 to 59 years .....	796	487	212	16	14	8
60 to 64 years .....	504	339	108	11	6	9
65 to 69 years .....	426	290	97	10	3	3
70 years and over .....	1,012	676	208	16	17	19
Average age .....	56.5	56.9	55.4	54.2	56.4	57.3
Spanish, Hispanic, or Latino origin (see text) .....	241	142	62	6	5	7
Race:						
White .....	2,148	1,288	544	71	33	39
Black or African American .....	12	10	2	-	-	-
American Indian or Alaska Native .....	30	17	9	-	1	1
Native Hawaiian or Other Pacific Islander .....	424	245	88	11	9	13
Asian .....	2,090	1,449	517	29	20	11
More than one race reported .....	694	431	149	19	18	18
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	780	489	195	23	7	14
2 people .....	2,189	1,411	493	57	33	36
3 people .....	919	601	221	14	17	11
4 people .....	796	488	211	18	12	15
5 or more people .....	714	451	189	18	12	6
Percent of operator's total household income from farming:						
Less than 25 percent .....	3,134	2,150	666	69	48	39
25 to 49 percent .....	593	374	144	12	5	15
50 to 74 percent .....	405	269	104	4	4	1
75 to 99 percent .....	213	104	81	8	2	5
100 percent .....	723	439	211	16	11	15
Operator is a hired manager .....	farms	104	103	21	11	7
	acres	437	2,258	1,232	851	797
Farms with-						
Computer for farm business .....	2,173	1,237	587	69	44	34
Internet access .....	2,613	1,585	671	78	43	39
Farms by number of households sharing in net income of farm:						
1 household .....	4,037	2,696	947	84	54	64
2 households .....	717	465	181	15	10	6
3 households .....	146	83	32	6	3	4
4 households .....	78	43	23	-	1	1
5 households or more .....	90	49	23	4	2	-
<b>F FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms	3,145	1,059	100	56	64
	acres	10,922	21,775	(D)	7	(D)
Partnership .....	farms	105	75	6	3	3
	acres	374	1,377	361	(D)	343
Registered under state law .....	farms	83	64	6	3	(D)
	acres	281	(D)	361	(D)	361

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male .....	38	30	16	80	57	37	60
Female .....	4	4	3	13	4	4	6
Primary occupation:							
Farming .....	28	20	16	61	45	27	53
Other .....	14	14	3	32	16	14	13
Place of residence:							
On farm operated .....	22	17	9	43	17	19	29
Not on farm operated .....	20	17	10	50	44	22	37
Days worked off farm:							
None .....	21	20	12	57	35	23	37
Any .....	21	14	7	36	26	18	29
1 to 49 days .....	2	3	3	2	2	3	6
50 to 99 days .....	3	3	1	2	1	3	3
100 to 199 days .....	3	4	4	4	7	4	5
200 days or more .....	13	7	3	28	17	9	15
Years on present farm:							
2 years or less .....	2	1	-	4	3	2	5
3 or 4 years .....	-	1	1	8	8	5	6
5 to 9 years .....	15	7	5	18	13	7	11
10 years or more .....	25	25	13	63	37	27	44
Average years on present farm .....	18.8	16.8	19.8	19.9	17.4	16.6	16.7
Age group:							
Under 25 years .....	-	-	-	-	-	-	-
25 to 34 years .....	1	-	-	3	5	3	3
35 to 44 years .....	4	3	2	18	8	4	8
45 to 49 years .....	11	4	-	7	11	5	7
50 to 54 years .....	7	9	2	12	11	5	14
55 to 59 years .....	7	9	2	12	9	8	12
60 to 64 years .....	1	4	4	8	5	4	6
65 to 69 years .....	1	4	4	7	9	2	4
70 years and over .....	10	4	5	26	9	10	12
Average age .....	57.3	55.9	65.1	57.7	53.5	57.6	55.9
Spanish, Hispanic, or Latino origin (see text) .....	3	5	1	2	2	4	2
Race:							
White .....	19	16	12	31	33	20	42
Black or African American .....	-	-	-	-	-	-	-
American Indian or Alaska Native .....	-	-	-	2	-	-	-
Native Hawaiian or Other Pacific Islander .....	7	1	-	29	8	9	4
Asian .....	10	9	6	16	7	5	11
More than one race reported .....	6	8	1	15	13	7	9
Operators living on an American Indian reservation .....	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person .....	3	9	1	14	5	9	11
2 people .....	25	11	10	38	26	18	31
3 people .....	4	5	4	19	12	7	4
4 people .....	5	6	1	10	12	4	14
5 or more people .....	5	3	3	12	6	3	6
Percent of operator's total household income from farming:							
Less than 25 percent .....	24	15	9	49	29	17	19
25 to 49 percent .....	6	1	1	12	13	4	6
50 to 74 percent .....	-	2	4	8	5	2	2
75 to 99 percent .....	2	4	1	5	2	6	4
100 percent .....	6	4	2	7	2	6	4
Operator is a hired manager .....	farms	(D)	2,164	(D)	3,913	7,965	13,493
	acres						755,307
Farms with-							
Computer for farm business .....	24	22	8	40	35	22	51
Internet access .....	22	23	8	41	36	20	47
Farms by number of households sharing in net income of farm:							
1 household .....	29	20	13	57	32	22	19
2 households .....	4	2	3	14	5	5	7
3 households .....	-	-	-	5	6	3	4
4 households .....	3	-	-	2	3	1	2
5 households or more .....	2	1	1	3	3	1	1
<b>F FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual .....	farms	29	17	62	39	26	18
	acres	4,630	(D)	3,299	21,395	37,373	(D)
Partnership .....	farms	3	-	-	8	5	8
	acres	(D)			(D)	(D)	(D)
Registered under state law .....	farms	2	-	-	3	5	8
	acres	(D)			874	(D)	100,116

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms acres	472 713,539	168 720	157 3,419	19 1,087	17 1,418
Family held .....	farms acres	392 344,755	142 595	133 2,844	18 (D)	13 1,097
More than 10 stockholders .....	farms acres	24 368	5 137	6 127	- 18	3 10
10 or less stockholders .....	farms	368	137	127	18	10 9
Other than family held .....	farms acres	80 368,784	26 125	24 575	1 (D)	4 321
More than 10 stockholders .....	farms acres	11 69	2 24	1 23	- 1	3 2
Other-cooperative, estate or trust, institutional, etc .....	farms acres	72 141,044	22 94	18 401	5 (D)	1 (D)
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms workers	1,527 12,640	775 3,500	458 2,923	41 363	40 194
Workers by days worked:						
150 days or more .....	farms workers	834 7,185	342 1,169	273 1,378	34 276	14 139
Less than 150 days .....	farms workers	1,141 5,455	622 2,331	348 1,545	18 87	32 55
Migrant farm labor on farms with hired labor (see text) .....	farms	189	89	52	4	14
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	35	8	-	-
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....		3,440	3,440	-	-	-
10 to 49 acres .....		1,309	-	1,309	-	-
50 to 69 acres .....		130	-	-	130	-
70 to 99 acres .....		81	-	-	-	81
100 to 139 acres .....		42	-	-	-	82
140 to 179 acres .....		42	-	-	-	-
180 to 219 acres .....		34	-	-	-	-
220 to 259 acres .....		19	-	-	-	-
260 to 499 acres .....		93	-	-	-	-
500 to 999 acres .....		61	-	-	-	-
1,000 to 1,999 acres .....		41	-	-	-	-
2,000 acres or more .....		66	-	-	-	-
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....		24	1	8	2	-
Vegetable and melon farming (1112) .....		548	370	150	10	3
Fruit and tree nut farming (1113) .....		2,362	1,669	567	36	17
Greenhouse, nursery, and floriculture production (1114) .....		1,264	968	250	14	10
Other crop farming (1119) .....		233	151	58	8	7
Tobacco farming (11191) .....		-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....		233	151	58	8	2
Beef cattle ranching and farming (112111) .....		526	48	141	41	33
Cattle feedlots (112112) .....		30	3	10	3	-
Dairy cattle and milk production (11212) .....		13	1	3	3	1
Hog and pig farming (1122) .....		115	85	24	1	2
Poultry and egg production (1123) .....		51	34	15	1	1
Sheep and goat farming (1124) .....		65	24	34	1	2
Animal aquaculture and other animal production (1125, 1129) .....		167	86	49	10	4
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms number	748 154,308	92 624	248 3,771	53 3,640	39 1,460
Farms with-						
1 to 9 .....		235	78	134	8	-
10 to 49 .....		248	12	105	37	5
50 to 99 .....		84	2	7	5	29
100 to 199 .....		73	-	1	2	9
200 to 499 .....		54	-	-	-	5
500 or more .....		54	-	1	1	3
Cows and heifers that had calved .....	farms number	597 89,742	63 340	166 2,223	45 1,804	31 755
Beef cows .....	farms number	578 83,277	58 325	162 (D)	42 (D)	31 755
Farms with-						
1 to 9 .....		183	53	104	9	6
10 to 49 .....		210	4	55	33	21
50 to 99 .....		68	1	3	-	5
100 to 199 .....		53	-	-	-	2
200 to 499 .....		26	-	-	-	1
500 or more .....		38	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation .....	farms acres	8 1,242	13 2,590	5 1,148	16 5,633	15 9,830	5 5,254
Family held .....	farms acres	6 (D)	9 1,810	2 (D)	13 4,572	15 9,830	5 5,254
More than 10 stockholders .....	farms	-	-	-	1	-	1
10 or less stockholders .....	farms	6	9	2	12	15	4
Other than family held .....	farms acres	2 (D)	4 780	3 (D)	3 1,061	-	-
More than 10 stockholders .....	farms	2	1	3	3	-	-
10 or less stockholders .....	farms	-	3	-	-	-	5
Other-cooperative, estate or trust, institutional, etc .....	farms acres	2 (D)	4 (D)	-	7 (D)	2 (D)	5 (D)
<b>H HIRED FARM LABOR</b>							
Hired farm labor .....	farms workers	21 239	14 (D)	2 (D)	23 247	43 638	19 613
Workers by days worked:							
150 days or more .....	farms workers	11 184	14 (D)	2 (D)	19 205	30 385	18 433
Less than 150 days .....	farms workers	14 55	8 (D)	2 (D)	9 42	20 253	11 180
Migrant farm labor on farms with hired labor (see text) .....	farms	2	6	1	3	11	2
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	-	-	-	-	-	-
<b>F FARMS BY SIZE</b>							
1 to 9 acres .....	-	-	-	-	-	-	-
10 to 49 acres .....	-	-	-	-	-	-	-
50 to 69 acres .....	-	-	-	-	-	-	-
70 to 99 acres .....	-	-	-	-	-	-	-
100 to 139 acres .....	-	-	-	-	-	-	-
140 to 179 acres .....	42	-	-	-	-	-	-
180 to 219 acres .....	-	34	-	-	-	-	-
220 to 259 acres .....	-	-	19	-	-	-	-
260 to 499 acres .....	-	-	-	93	-	-	-
500 to 999 acres .....	-	-	-	-	61	-	-
1,000 to 1,999 acres .....	-	-	-	-	-	41	-
2,000 acres or more .....	-	-	-	-	-	-	66
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) .....	2	1	-	4	2	4	-
Vegetable and melon farming (1112) .....	3 9	12	5	2 13	8	3	2 7
Fruit and tree nut farming (1113) .....	-	-	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114) .....	4	4	3	1	1	2	3
Other crop farming (1119) .....	-	-	1	2	2	-	2
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	-	-	-	-	-	-	-
Beef cattle ranching and farming (112111) .....	18	12	9	65	44	28	43
Cattle feedlots (112112) .....	-	1	-	3	2	1	4
Dairy cattle and milk production (11212) .....	1	-	-	-	1	2	1
Hog and pig farming (1122) .....	-	1	-	-	-	-	1
Poultry and egg production (1123) .....	-	-	1	-	-	-	-
Sheep and goat farming (1124) .....	1	-	-	-	-	-	2
Animal aquaculture and other animal production (1125, 1129) .....	4	3	-	3	1	1	1
<b>L LIVESTOCK</b>							
Cattle and calves inventory .....	farms number	27 4,975	15 1,441	11 943	73 8,115	50 10,277	34 12,957
Farms with-							
1 to 9 .....	-	-	-	-	4	-	-
10 to 49 .....	10	4	2	14	6	5	-
50 to 99 .....	12	4	5	19	10	2	1
100 to 199 .....	4	6	3	25	13	5	9
200 to 499 .....	-	1	1	11	18	11	9
500 or more .....	1	-	-	-	3	3	39
Cows and heifers that had calved .....	farms number	24 2,700	14 745	11 679	67 4,540	46 5,959	31 7,158
Beef cows .....	farms number	23 (D)	14 745	11 679	66 (D)	45 (D)	29 (D)
Farms with-							
1 to 9 .....	-	-	-	2	1	-	-
10 to 49 .....	17	9	6	23	9	4	1
50 to 99 .....	5	3	3	27	14	4	1
100 to 199 .....	1	3	1	13	15	10	7
200 to 499 .....	-	-	1	1	6	9	8
500 or more .....	-	-	-	-	-	2	36

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms number	27 6,465	5 15	9 (D)	3 (D)	- (D)
Farms with-						
1 to 4 .....		16	4	7	1	1
5 to 9 .....		2	1	1	-	-
10 to 49 .....		1	-	-	1	-
50 to 99 .....		1	-	-	-	1
100 to 199 .....		-	-	-	-	-
200 to 499 .....		-	-	-	-	-
500 or more .....		7	-	1	1	-
Other cattle (see text) .....	farms number	609 64,566	54 284	193 1,548	46 1,836	35 705 43 1,316
Cattle and calves sold .....	farms number	550 60,739	50 190	148 919	40 644	32 529 37 889
Calves weighing less than 500 pounds .....	farms number	\$1,000 30,719	93 303	390 18	278 60	208 17 27 298
Cattle, including calves weighing 500 pounds or more .....	farms number	385 40,397	35 127	107 564	31 451	22 294 21 256
Cattle on feed (see text) .....	farms number	41 8,006	5 9	11 48	3 35	4 26 (D)
Hogs and pigs inventory .....	farms number	204 23,364	123 15,174	56 4,443	5 (D)	5 (D) (D)
Farms with-						
1 to 24 .....		113	65	36	4	2 4
25 to 49 .....		19	12	3	-	-
50 to 99 .....		22	13	7	-	1
100 to 199 .....		17	10	5	-	-
200 to 499 .....		19	13	3	1	1
500 or more .....		14	10	2	-	-
Used or to be used for breeding .....	farms number	160 5,843	103 3,462	38 801	3 84	4 (D) (D)
Other hogs and pigs .....	farms number	180 17,521	110 11,722	50 3,642	3 (D)	4 (D) (D)
Hogs and pigs sold .....	farms number	158 33,231	97 21,637	38 7,399	4 (D)	4 (D) (D)
Sheep and lambs of all ages inventory (see text) .....	farms number	103 19,909	33 362	41 773	5 78	2 (D) 3 (D)
Ewes 1 year old or older .....	farms number	91 6,800	29 168	36 271	5 34	2 (D) (D)
Sheep and lambs sold .....	farms number	34 4,639	10 99	13 105	1 (D)	2 (D)
Horses and ponies inventory .....	farms number	493 4,582	120 397	146 831	26 121	25 170 24 238
Horses and ponies sold .....	farms number	79 237	23 56	22 46	4 (D)	3 (D) 5 9
Goats, All inventory .....	farms number	189 5,364	87 1,022	72 1,975	6 54	7 158 3 (D)
Goats sold .....	farms number	86 4,237	34 338	36 1,129	2 (D)	4 63 (D)
<b>POULTRY</b>						
Layers 20 weeks old and older inventory .....	farms number	125 537,882	78 147,523	43 390,194	1 (D)	1 (D) (D)
Farms with-						
1 to 399 .....		115	75	36	1	1
400 to 3,199 .....		1	-	1	-	-
3,200 to 9,999 .....		3	-	3	-	-
10,000 to 19,999 .....		1	-	1	-	-
20,000 to 49,999 .....		3	2	1	-	-
50,000 to 99,999 .....		1	1	-	-	-
100,000 or more .....		1	-	1	-	-
Pullets for laying flock replacement inventory .....	farms number	26 67,925	16 (D)	9 (D)	-	-
Layers and pullets sold (see text) .....	farms number	25 458,280	10 (D)	13 427,224	-	- (D)
Broilers and other meat-type chickens sold .....	farms number	17 881,112	11 (D)	5 (D)	-	-
Farms with-						
1 to 1,999 .....		13	10	3	-	-
2,000 to 59,999 .....		1	-	-	-	-
60,000 to 99,999 .....		1	1	2	-	-
100,000 or more .....		3	-	-	-	-
Turkeys inventory .....	farms number	7 75	4 (D)	3 (D)	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con.							
Cows and heifers that had calved - Con.							
Milk cows .....	farms number	<sup>1</sup> (D)	-	-	<sup>1</sup> (D)	<sup>1</sup> (D)	<sup>2</sup> (D)
Farms with-							
1 to 4 .....	-	-	-	-	1	-	2
5 to 9 .....	-	-	-	-	-	-	-
10 to 49 .....	-	-	-	-	-	-	-
50 to 99 .....	-	-	-	-	-	-	-
100 to 199 .....	-	-	-	-	-	-	-
200 to 499 .....	-	-	-	-	-	-	-
500 or more .....	1	-	-	-	1	2	1
Other cattle (see text) .....	farms number	<sup>22</sup> 2,275	<sup>14</sup> 696	<sup>9</sup> 264	<sup>66</sup> 3,575	<sup>47</sup> 4,318	<sup>30</sup> 5,799
Cattle and calves sold .....	farms number	<sup>23</sup> 1,195	<sup>15</sup> 791	<sup>9</sup> 477	<sup>67</sup> 2,959	<sup>46</sup> 4,388	<sup>31</sup> 5,074
Calves weighing less than 500 pounds .....	farms number	<sup>\$1,000</sup> 559	<sup>14</sup> 306	<sup>12</sup> 173	<sup>979</sup> 51	<sup>(D)</sup> 34	<sup>52</sup> 42,684
Calves weighing less than 500 pounds .....	farms number	<sup>359</sup>	<sup>389</sup>	<sup>232</sup>	<sup>2,131</sup>	<sup>2,507</sup>	<sup>23</sup> 23,996
Cattle, including calves weighing 500 pounds or more .....	farms number	<sup>14</sup> 836	<sup>10</sup> 402	<sup>8</sup> 245	<sup>38</sup> 828	<sup>32</sup> 1,881	<sup>23</sup> 2,571
Cattle on feed (see text) .....	farms number	<sup>1</sup> (D)	<sup>1</sup> (D)	-	<sup>5</sup> 21	<sup>4</sup> 423	<sup>1</sup> (D)
Hogs and pigs inventory .....	farms number	<sup>2</sup> (D)	<sup>1</sup> (D)	-	<sup>1</sup> (D)	<sup>3</sup> 105	-
Farms with-							
1 to 24 .....	1	-	-	-	1	-	-
25 to 49 .....	-	-	-	-	-	3	-
50 to 99 .....	-	-	-	-	-	-	1
100 to 199 .....	1	-	-	-	-	-	1
200 to 499 .....	-	-	1	-	-	-	-
500 or more .....	-	-	-	-	-	-	1
Used or to be used for breeding .....	farms number	<sup>2</sup> (D)	<sup>1</sup> (D)	-	-	<sup>3</sup> 26	-
Other hogs and pigs .....	farms number	<sup>1</sup> (D)	<sup>1</sup> (D)	-	<sup>1</sup> (D)	<sup>3</sup> 80	-
Hogs and pigs sold .....	farms number	<sup>2</sup> \$1,000	<sup>1</sup> (D)	-	<sup>1</sup> (D)	<sup>3</sup> 50	-
Sheep and lambs of all ages inventory (see text) .....	farms number	<sup>2</sup> (D)	<sup>1</sup> (D)	<sup>2</sup> (D)	<sup>4</sup> 138	<sup>4</sup> (D)	<sup>1</sup> (D)
Ewes 1 year old or older .....	farms number	<sup>2</sup> (D)	<sup>1</sup> (D)	<sup>1</sup> (D)	<sup>3</sup> (D)	<sup>4</sup> (D)	<sup>4</sup> (D)
Sheep and lambs sold .....	farms number	<sup>1</sup> (D)	-	-	<sup>1</sup> (D)	<sup>2</sup> (D)	<sup>3</sup> (D)
Horses and ponies inventory .....	farms number	<sup>11</sup> 46	<sup>10</sup> 91	<sup>7</sup> 65	<sup>43</sup> 310	<sup>25</sup> 248	<sup>17</sup> 127
Horses and ponies sold .....	farms number	<sup>1</sup> (D)	<sup>1</sup> (D)	-	<sup>4</sup> (D)	<sup>3</sup> 8	<sup>9</sup> 1,938
Goats, All inventory .....	farms number	<sup>2</sup> (D)	<sup>2</sup> (D)	-	<sup>1</sup> (D)	<sup>3</sup> 13	<sup>12</sup> 71
Goats sold .....	farms number	<sup>3</sup> 266	<sup>1</sup> (D)	-	-	<sup>1</sup> (D)	<sup>1</sup> 1,288
<b>POULTRY</b>							
Layers 20 weeks old and older inventory .....	farms number	-	<sup>1</sup> (D)	-	-	-	-
Farms with-							
1 to 399 .....	-	-	1	-	-	-	-
400 to 3,199 .....	-	-	-	-	-	-	-
3,200 to 9,999 .....	-	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-	-
20,000 to 49,999 .....	-	-	-	-	-	-	-
50,000 to 99,999 .....	-	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-	-
Pullets for laying flock replacement inventory .....	farms number	-	-	<sup>1</sup> (D)	-	-	-
Layers and pullets sold (see text) .....	farms number	-	-	<sup>1</sup> (D)	-	-	-
Broilers and other meat-type chickens sold .....	farms number	-	-	-	-	-	<sup>1</sup> (D)
Farms with-							
1 to 1,999 .....	-	-	-	-	-	-	-
2,000 to 59,999 .....	-	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-	1
100,000 or more .....	-	-	-	-	-	-	-
Turkeys inventory .....	farms number	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>POULTRY - Con.</b>						
Turkeys sold .....	farms number	1 (D)	1 (D)	-	-	-
<b>CROPS HARVESTED</b>						
Corn for grain .....	farms acres bushels	12 4,383 203,391	1 (D) (D)	-	-	-
Irrigated .....	farms acres	12 4,383	1 (D)	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	2	1	-	-	-
25 to 99 acres .....	-	2	-	-	-	-
100 to 249 acres .....	-	2	-	-	-	-
250 to 499 acres .....	-	3	-	-	-	-
500 acres or more .....	-	3	-	-	-	-
Corn for silage or greenchop .....	farms acres tons	2 (D) (D)	-	-	-	-
Irrigated .....	farms acres	2 (D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	1	-	-	-	-
250 to 499 acres .....	-	1	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	1 (D) (D)	-	-	-	-
Irrigated .....	farms acres	1 (D)	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	1	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	10 (D) (D)	1 (D)	-	-
Irrigated .....	farms acres	1 (D)	1 (D)	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres .....	-	11	10	1	-	-
5.0 to 24.9 acres .....	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	59 294 16,357	39 (D) 3,744	11 (D) (D)	5 52 4,999	4 (D) (D)
Irrigated .....	farms acres	16 165	9 3	3 (D)	1 (D)	3 (D)
Sugarcane for sugar .....	farms acres tons	2 (D) (D)	-	-	-	-
Irrigated .....	farms acres	2 (D)	-	-	-	-
Pineapples harvested .....	farms acres tons	34 10,211 314,626	19 22 57	9 20 (D)	-	-
Irrigated .....	farms acres	12 9,759	6	6 (D)	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	2 (D) (D)	4 (D) (D)	-	2 (D)
Irrigated .....	farms acres	7 243	1 (D)	60	-	1 (D)
Farms by acres harvested:						
1 to 24 acres .....	-	5	2	3	-	-
25 to 99 acres .....	-	5	-	1	-	1
100 to 249 acres .....	-	3	-	-	-	-
250 to 499 acres .....	-	1	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	2 (D) (D)	-	2 (D)	-	-
Irrigated .....	farms acres	2 (D)	-	2 (D)	-	-
Other tame hay .....	farms acres tons, dry	7 (D) (D)	1 (D)	1 (D)	2 (D)	-
Irrigated .....	farms acres	2 (D)	-	1 (D)	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>POULTRY - Con.</b>							
Turkeys sold .....	farms number	-	-	-	-	-	-
<b>CROPS HARVESTED</b>							
Corn for grain .....	farms acres bushels	(D) 1	(D) 1	-	(D) 3	(D) 2	2,825 (D) 3
Irrigated .....	farms acres	(D)	(D)	-	526 (D) 3	(D) 2	2,825 (D) 3
Farms by acres harvested:							
1 to 24 acres .....	-	1	-	-	1	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	1
250 to 499 acres .....	-	-	-	-	1	2	-
500 acres or more .....	-	-	-	-	-	3	-
Corn for silage or greenchop .....	farms acres tons	-	-	-	(D) 1	-	(D) 1
Irrigated .....	farms acres	-	-	-	(D) 1	-	(D) 1
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	1
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	1	-	-
500 acres or more .....	-	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	-	-	-	-	(D) 1	-
Irrigated .....	farms acres	-	-	-	-	(D) 1	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	1	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Potatoes .....	farms acres cwt	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres .....	-	-	-	-	-	-	-
5.0 to 24.9 acres .....	-	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Sugarcane for sugar .....	farms acres tons	-	-	-	-	-	(D) 2
Irrigated .....	farms acres	-	-	-	-	-	(D) 2
Pineapples harvested .....	farms acres tons	(D) 1	(D) 1	-	-	(D) 1	(D) 3
Irrigated .....	farms acres	(D)	(D)	-	-	-	9,711 (D) 3
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	-	-	(D) 1	(D) 1	-	(D) 2
Irrigated .....	farms acres	-	-	(D)	(D)	-	(D) 2
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	1
100 to 249 acres .....	-	-	-	1	1	-	1
250 to 499 acres .....	-	-	-	-	-	-	1
500 acres or more .....	-	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Other tame hay .....	farms acres tons, dry	-	-	(D) 1	(D) 1	-	(D) 1
Irrigated .....	farms acres	-	-	(D)	(D)	-	(D) 1

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .....	farms acres	633 5,824	416 638	181 1,511	11 323	3 (D)
Irrigated .....	farms acres	417 5,038	263 448	125 1,156	9 283	6 (D)
Farms by acres harvested:						
0.1 to 4.9 acres .....		473	389	80	-	2
5.0 to 24.9 acres .....		125	27	87	-	2
25.0 to 99.9 acres .....		30	-	14	6	1
100.0 to 249.9 acres .....		3	-	-	-	2
250.0 acres or more .....		2	-	-	-	-
Snap beans harvested for sale .....	farms acres	129 208	101 (D)	24 68	2 (D)	1 (D)
Harvested for processing .....	farms acres	-	-	-	-	-
Sweet corn harvested for sale .....	farms acres	80 503	46 32	26 134	4 78	2 (D)
Harvested for processing .....	farms acres	-	-	-	-	-
Tomatoes harvested for sale .....	farms acres	72 664	42 18	25 (D)	- (D)	- -
Harvested for processing .....	farms acres	-	-	-	-	-
All land in orchards .....	farms acres	2,833 34,908	1,960 4,884	697 6,543	47 1,052	23 (D)
Irrigated .....	farms acres	810 12,090	547 889	198 1,040	14 200	8 33
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....		1,944	1,640	251	14	5
5.0 to 24.9 acres .....		760	320	390	16	12
25.0 to 99.9 acres .....		99	-	56	17	6
100.0 to 249.9 acres .....		20	-	-	-	5
250.0 acres or more .....		10	-	-	-	-
Apples .....	farms Bearing and nonbearing acres	2 (D)	1 (D)	1 (D)	-	-
Grapes .....	farms Bearing and nonbearing acres	6 41	4 (D)	1 (D)	1 (D)	-
Citrus fruit, All .....	farms Bearing and nonbearing acres	474 641	338 233	112 147	7 (D)	2 (D)
Land in berries harvested for sale (see text) .....	farms acres	3 (D)	2 (D)	1 (D)	-	-
Irrigated .....	farms acres	1 (D)	-	(D)	-	-

See footnote(s) at end of table.

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**Table 55. Summary by Size of Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 or more acres
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) .....	farms acres	6 260	-	1 (D)	5 301	1 (D)	-
Irrigated .....	farms acres	5 231	-	-	4 259	-	(D) (D)
Farms by acres harvested:							
0.1 to 4.9 acres .....	-	-	1	1	1	-	-
5.0 to 24.9 acres .....	-	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	4	-	-	3	-	-
100.0 to 249.9 acres .....	-	-	-	-	1	-	-
250.0 acres or more .....	-	-	-	-	-	-	2
Snap beans harvested for sale .....	farms acres	-	-	-	-	-	1
Harvested for processing .....	farms acres	-	-	-	-	-	(D)
Sweet corn harvested for sale .....	farms acres	-	-	-	1 (D)	-	1
Harvested for processing .....	farms acres	-	-	-	-	-	(D)
Tomatoes harvested for sale .....	farms acres	1 (D)	-	-	1 (D)	1 (D)	1 (D)
Harvested for processing .....	farms acres	-	-	-	-	-	-
All land in orchards .....	farms acres	15 541	18 989	6 693	15 1,196	12 2,056	5 (D)
Irrigated .....	farms acres	6 305	7 404	1 (D)	7 209	3 (D)	1 (D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres .....	-	5	5	2	4	3	2
5.0 to 24.9 acres .....	-	3	4	1	4	4	1
25.0 to 99.9 acres .....	-	5	5	-	2	1	1
100.0 to 249.9 acres .....	-	2	4	3	4	1	1
250.0 acres or more .....	-	-	-	-	1	3	2
Apples .....	farms Bearing and nonbearing acres	-	-	-	-	-	-
Grapes .....	farms Bearing and nonbearing acres	-	-	-	-	-	-
Citrus fruit, All .....	farms Bearing and nonbearing acres	2 (D)	2 (D)	2 (D)	4 (D)	-	1 (D)
Land in berries harvested for sale (see text) .....	farms acres	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 56. Summary by Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	number 1,300,499	5,398 100.0 241	71 1.3	62 1.1	103 1.9 (D)	249 4.6 217,747 874	314 5.8 56,246 179
Land in farms .....	acres Average size of farm	5,557	394,582 2,131	132,128			
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) .....	farms \$1,000 dollars Average per farm	5,398 534,309 98,983	71 351,632 4,952,561	62 (D)	103 36,342 352,832	249 37,893 152,179	314 20,991 66,850
Farms by economic class:							
Less than \$1,000 (see text) .....		658	-	-	-	-	-
\$1,000 to \$2,499 .....		744	-	-	-	-	-
\$2,500 to \$4,999 .....		715	-	-	-	-	-
\$5,000 to \$9,999 .....		914	-	-	-	-	-
\$10,000 to \$24,999 .....		1,060	-	-	-	-	-
\$25,000 to \$49,999 .....		506	-	-	-	-	-
\$50,000 to \$99,999 .....		313	-	-	-	-	311
\$100,000 to \$249,999 .....		250	-	-	-	247	3
\$250,000 to \$499,999 .....		105	-	-	103	2	-
\$500,000 to \$999,999 .....		62	-	62	-	-	-
\$1,000,000 or more .....		71	71	-	-	-	-
\$1,000,000 to \$2,499,999 .....		43	43	-	-	-	-
\$2,500,000 to \$4,999,999 .....		15	15	-	-	-	-
\$5,000,000 or more .....		13	13	-	-	-	-
Total sales (see text) .....	farms \$1,000	5,398 533,423	71 351,486	62 42,801	103 36,198	249 37,734	314 20,907
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13	6	2	-	-	3
Sales of \$50,000 or more .....	farms \$1,000	14,647 14,605	13,280 13,280	(D) (D)	-	-	(D) (D)
Tobacco .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554 123	8 27,089 7	14 6,659 13	18 5,593 17	44 5,655 40	66 3,470 46
Sales of \$50,000 or more .....	farms \$1,000	48,003	(D)	(D)	(D)	5,559	3,132
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	17 138,727	13 5,111 9	22 4,856 15	63 6,851 45	113 5,637 76
Sales of \$50,000 or more .....	farms \$1,000	160,178	138,727	5,027	4,752	6,668	5,004
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	26 38,325	29 18,182	48 16,269	127 17,475 122	127 7,628 118
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	26 38,325	27 (D)	46 (D)	17,371	7,522
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	-	-	1 (D)	-	(D)
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-	(D) (D)	-	-
Other crops and hay (see text) .....	farms \$1,000	271 86,061	7 79,972	2 (D) 6	7 (D) (D)	14 1,333 8	26 1,109 14
Sales of \$50,000 or more .....	farms \$1,000	83,840	(D)	(D)	(D)	(D)	906
Cattle and calves .....	farms \$1,000	550 30,719	11 15,001	6 3,871	11 3,085 8	28 3,511 24	32 1,827 24
Sales of \$50,000 or more .....	farms \$1,000	69 26,912	7 14,907	6 3,871	8 3,033	24 3,443	24 1,658
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	7 (D)	-	-	1 (D)	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	(D)	-	-	(D) (D)	(D) (D)
Hogs and pigs .....	farms \$1,000	158 4,612	-	3 (D)	3 (D)	12 (D) 2	11 564 8
Sales of \$50,000 or more .....	farms \$1,000	22 (D)	-	2 (D)	2 (D)	10 (D) 2	14 6 13
Sheep, goats, and their products .....	farms \$1,000	145 1,081	1 (D)	-	4 (D)	2 (D)	6 -
Sales of \$50,000 or more .....	farms \$1,000	3 780	1 (D)	-	2 (D)	-	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	2 (D)	2 (D)	1 (D)	5 -	3 15
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Poultry and eggs .....	farms \$1,000	110 12,545	2 (D)	6 4,826	4 4,826 6	3 (D) 4	4 (D)
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	(D)	4,826	4 (D)	3 (D)	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>F FARMS AND LAND IN FARMS</b>						
Farms .....	number percent	506 9.4	1,056 19.6	916 17.0	714 (D)	746 13.8
Land in farms .....	acres	70,990	57,206	(D)	(D)	12,210
Average size of farm .....	acres	140	54	(D)	(D)	16
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	farms \$1,000	506 17,701 34,983	1,056 16,442 15,570	916 6,385 6,970	714 (D) (D)	746 (D) (D)
Average per farm .....	dollars				-	
Farms by economic class:						
Less than \$1,000 (see text) .....						658
\$1,000 to \$2,499 .....						1
\$2,500 to \$4,999 .....					712	2
\$5,000 to \$9,999 .....				911	5	1
\$10,000 to \$24,999 .....			1,054		1	-
\$25,000 to \$49,999 .....		504	2	-	-	-
\$50,000 to \$99,999 .....		2	-	-	-	-
\$100,000 to \$249,999 .....		-	-	-	-	-
\$250,000 to \$499,999 .....		-	-	-	-	-
\$500,000 to \$999,999 .....		-	-	-	-	-
\$1,000,000 or more .....		-	-	-	-	-
\$1,000,000 to \$2,499,999 .....		-	-	-	-	-
\$2,500,000 to \$4,999,999 .....		-	-	-	-	-
\$5,000,000 or more .....		-	-	-	-	-
Total sales (see text) .....	farms \$1,000	506 17,628	1,056 16,381	916 6,366	714 2,549	746 1,207
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	-	-	-	1 (D)	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Tobacco .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	107 3,014	162 2,144	104 611	77 245	47 69
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Fruits, tree nuts, and berries .....	farms \$1,000	226 5,966	555 6,849	558 3,400	420 1,336	424 653
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	182 5,754	344 4,817	204 1,186	147 463	108 167
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	2 (D)	-	6 (D)	1 (D)	4 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Other crops and hay (see text) .....	farms \$1,000	33 670	55 714	48 238	29 92	44 62
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cattle and calves .....	farms \$1,000	46 1,200	95 1,228	106 585	80 245	98 145
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Milk and other dairy products from cows .....	farms \$1,000	-	-	1 (D)	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Hogs and pigs .....	farms \$1,000	20 (D)	26 242	28 121	15 32	22 26
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Sheep, goats, and their products .....	farms \$1,000	8 107	18 60	19 29	20 18	31 28
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	4 (D)	16 (D)	12 53	18 52	15 20
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Poultry and eggs .....	farms \$1,000	4 (D)	8 (D)	21 43	16 29	20 13
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) ....... farms \$1,000	14,005 <sup>67</sup>	10,552 <sup>6</sup>	(D) <sup>2</sup>	(D) <sup>7</sup>	566 <sup>4</sup>	(D) <sup>4</sup>
Sales of \$50,000 or more ..... farms \$1,000	13,693 <sup>21</sup>	10,552 <sup>6</sup>	(D) <sup>2</sup>	(D) <sup>6</sup>	566 <sup>2</sup>	(D) <sup>3</sup>
Other animals and other animal products (see text) ....... farms \$1,000	2,940 <sup>65</sup>	(D) <sup>4</sup>	(D) <sup>2</sup>	(D) <sup>2</sup>	(D) <sup>3</sup>	256 <sup>6</sup>
Sales of \$50,000 or more ..... farms \$1,000	2,707 <sup>8</sup>	(D)	(D)	(D)	(D)	(D)
Government payments ..... farms \$1,000	113 <sup>113</sup>	145 <sup>5</sup>	(D) <sup>6</sup>	144 <sup>5</sup>	158 <sup>14</sup>	84 <sup>12</sup>
Value of - Certified organically produced commodities (see text) ....... farms \$1,000	4,801 <sup>140</sup>	(D) <sup>2</sup>	(D) <sup>3</sup>	-	777 <sup>8</sup>	346 <sup>7</sup>
Landlord's share of total sales (see text) ....... farms \$1,000	1,093 <sup>157</sup>	(D) <sup>2</sup>	(D) <sup>3</sup>	(D) <sup>7</sup>	73 <sup>13</sup>	154 <sup>24</sup>
Agricultural products sold directly to individuals for human consumption (see text) ....... farms \$1,000	7,089 <sup>796</sup>	1,466 <sup>7</sup>	433 <sup>7</sup>	351 <sup>11</sup>	743 <sup>21</sup>	1,224 <sup>45</sup>
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses ..... farms \$1,000	450,946 <sup>5,438</sup>	291,650 <sup>71</sup>	34,086 <sup>62</sup>	26,560 <sup>103</sup>	28,283 <sup>231</sup>	21,329 <sup>346</sup>
Average per farm ..... dollars	82,925	4,107,752	549,774	257,866	122,436	61,644
Fertilizer, lime, and soil conditioners purchased ..... farms \$1,000	17,791 <sup>4,326</sup>	11,264 <sup>53</sup>	935 <sup>51</sup>	926 <sup>84</sup>	935 <sup>186</sup>	1,279 <sup>323</sup>
Farms with expenses of- \$1 to \$4,999 .....	4,015 <sup>245</sup>	3 <sup>13</sup>	15 <sup>23</sup>	33 <sup>42</sup>	125 <sup>58</sup>	236 <sup>83</sup>
\$5,000 to \$24,999 .....	25 <sup>25</sup>	10 <sup>10</sup>	8 <sup>8</sup>	6 <sup>6</sup>	51 <sup>51</sup>	53 <sup>51</sup>
\$25,000 to \$49,999 .....	41 <sup>41</sup>	27 <sup>27</sup>	5 <sup>5</sup>	3 <sup>3</sup>	2 <sup>2</sup>	4 <sup>4</sup>
\$50,000 or more .....						
Chemicals purchased ..... farms \$1,000	16,134 <sup>3,627</sup>	10,984 <sup>59</sup>	(D) <sup>52</sup>	(D) <sup>85</sup>	817 <sup>185</sup>	1,065 <sup>323</sup>
Farms with expenses of- \$1 to \$4,999 .....	3,309 <sup>3,309</sup>	5 <sup>5</sup>	15 <sup>15</sup>	40 <sup>40</sup>	132 <sup>132</sup>	268 <sup>268</sup>
\$5,000 to \$24,999 .....	266 <sup>266</sup>	19 <sup>19</sup>	26 <sup>26</sup>	43 <sup>43</sup>	51 <sup>51</sup>	53 <sup>53</sup>
\$25,000 to \$49,999 .....	22 <sup>22</sup>	11 <sup>11</sup>	7 <sup>7</sup>	2 <sup>2</sup>	1 <sup>1</sup>	1 <sup>1</sup>
\$50,000 or more .....	30 <sup>30</sup>	24 <sup>24</sup>	4 <sup>4</sup>	-		
Seeds, plants, vines, and trees ..... farms \$1,000	11,188 <sup>1,887</sup>	5,009 <sup>34</sup>	1,589 <sup>34</sup>	1,933 <sup>66</sup>	1,013 <sup>94</sup>	1,437 <sup>169</sup>
Farms with expenses of- \$1 to \$4,999 .....	1,318 <sup>1,318</sup>	1 <sup>1</sup>	1 <sup>1</sup>	14 <sup>14</sup>	17 <sup>17</sup>	93 <sup>93</sup>
\$1,000 to \$4,999 .....	344 <sup>344</sup>	2 <sup>2</sup>	3 <sup>3</sup>	5 <sup>5</sup>	33 <sup>33</sup>	37 <sup>37</sup>
\$5,000 to \$24,999 .....	163 <sup>163</sup>	10 <sup>10</sup>	19 <sup>19</sup>	30 <sup>30</sup>	31 <sup>31</sup>	39 <sup>39</sup>
\$25,000 to \$49,999 .....	15 <sup>15</sup>	3 <sup>3</sup>	5 <sup>5</sup>	3 <sup>3</sup>	9 <sup>9</sup>	-
\$50,000 or more .....	47 <sup>47</sup>	18 <sup>18</sup>	11 <sup>11</sup>	14 <sup>14</sup>	4 <sup>4</sup>	-
Livestock and poultry purchased ..... farms \$1,000	6,025 <sup>329</sup>	2,218 <sup>14</sup>	982 <sup>12</sup>	997 <sup>16</sup>	1,081 <sup>37</sup>	361 <sup>34</sup>
Farms with expenses of- \$1 to \$4,999 .....	244 <sup>244</sup>	- <sup>-</sup>	2 <sup>2</sup>	3 <sup>3</sup>	17 <sup>17</sup>	16 <sup>16</sup>
\$5,000 to \$24,999 .....	39 <sup>39</sup>	3 <sup>3</sup>	4 <sup>4</sup>	4 <sup>4</sup>	9 <sup>9</sup>	9 <sup>9</sup>
\$25,000 to \$99,999 .....	34 <sup>34</sup>	6 <sup>6</sup>	1 <sup>1</sup>	7 <sup>7</sup>	11 <sup>11</sup>	-
\$100,000 to \$249,999 .....	6 <sup>6</sup>	1 <sup>1</sup>	5 <sup>5</sup>	-	-	-
\$250,000 or more .....	6 <sup>6</sup>	4 <sup>4</sup>	-	2 <sup>2</sup>	-	-
Breeding livestock purchased (see text) ..... farms \$1,000	179 <sup>179</sup>	336 <sup>9</sup>	(D) <sup>3</sup>	122 <sup>7</sup>	122 <sup>20</sup>	85 <sup>28</sup>
Other livestock and poultry purchased ..... farms \$1,000	5,152 <sup>193</sup>	1,882 <sup>7</sup>	(D) <sup>9</sup>	875 <sup>13</sup>	875 <sup>18</sup>	276 <sup>17</sup>
Feed purchased ..... farms \$1,000	27,997 <sup>1,267</sup>	17,014 <sup>18</sup>	3,540 <sup>12</sup>	1,364 <sup>23</sup>	1,474 <sup>69</sup>	329 <sup>48</sup>
Farms with expenses of- \$1 to \$4,999 .....	955 <sup>955</sup>	1 <sup>1</sup>	1 <sup>1</sup>	5 <sup>5</sup>	41 <sup>41</sup>	35 <sup>35</sup>
\$5,000 to \$24,999 .....	220 <sup>220</sup>	- <sup>-</sup>	1 <sup>1</sup>	8 <sup>8</sup>	9 <sup>9</sup>	11 <sup>11</sup>
\$25,000 to \$99,999 .....	58 <sup>58</sup>	1 <sup>1</sup>	1 <sup>1</sup>	5 <sup>5</sup>	15 <sup>15</sup>	2 <sup>2</sup>
\$100,000 to \$249,999 .....	9 <sup>9</sup>	1 <sup>1</sup>	1 <sup>1</sup>	4 <sup>4</sup>	4 <sup>4</sup>	-
\$250,000 or more .....	25 <sup>25</sup>	15 <sup>15</sup>	9 <sup>9</sup>	1 <sup>1</sup>	-	-
Gasoline, fuels, and oils ..... farms \$1,000	14,458 <sup>4,721</sup>	7,311 <sup>71</sup>	816 <sup>60</sup>	841 <sup>101</sup>	1,088 <sup>228</sup>	1,017 <sup>136</sup>
Farms with expenses of- \$1 to \$4,999 .....	4,387 <sup>4,387</sup>	7 <sup>7</sup>	11 <sup>11</sup>	47 <sup>47</sup>	147 <sup>147</sup>	299 <sup>299</sup>
\$5,000 to \$24,999 .....	282 <sup>282</sup>	30 <sup>9</sup>	40 <sup>40</sup>	48 <sup>48</sup>	79 <sup>79</sup>	36 <sup>36</sup>
\$25,000 to \$49,999 .....	24 <sup>24</sup>	9 <sup>9</sup>	7 <sup>7</sup>	6 <sup>6</sup>	2 <sup>2</sup>	-
\$50,000 or more .....	28 <sup>28</sup>	25 <sup>25</sup>	2 <sup>2</sup>	-	-	1 <sup>1</sup>

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) .... farms \$1,000	5 171	12 (D)	9 (D)	7 17	8 12	3 1
Sales of \$50,000 or more .... farms \$1,000	-	-	-	-	-	-
Other animals and other animal products (see text) .... farms \$1,000	6 42	12 80	13 49	7 (D)	5 6	5 (Z)
Sales of \$50,000 or more .... farms \$1,000	-	-	-	-	-	-
Government payments .... farms \$1,000	15 73	21 61	14 19	7 (D)	6 (D)	8 10
Value of - Certified organically produced commodities (see text) .... farms \$1,000	14 259	30 365	17 70	22 58	25 35	12 6
Landlord's share of total sales (see text) .... farms \$1,000	28 135	45 133	19 25	8 7	4 (D)	4 (Z)
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	74 1,017	156 988	151 456	109 227	121 142	94 40
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses .... farms \$1,000	508 12,061	1,057 13,987	1,031 9,064	610 2,520	704 4,145	715 7,261
Average per farm .... dollars	23,742	13,233	8,791	4,131	5,888	10,156
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	438 727	903 810	885 439	530 186	466 138	407 152
Farms with expenses of- \$1 to \$4,999	413 25	902 1	885	530	466	407
\$5,000 to \$24,999	-	-	-	-	-	-
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Chemicals purchased .... farms \$1,000	437 600	803 610	634 286	388 144	329 57	332 152
Farms with expenses of- \$1 to \$4,999	406 31	788 15	625 9	379 9	329	322
\$5,000 to \$24,999	-	-	-	-	-	10
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Seeds, plants, vines, and trees .... farms \$1,000	193 479	460 326	327 153	208 86	123 21	179 143
Farms with expenses of- \$1 to \$999	109	344	276	197	116	150
\$1,000 to \$4,999	61	115	51	11	7	19
\$5,000 to \$24,999	23	1	-	-	-	10
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Livestock and poultry purchased .... farms \$1,000	20 117	56 117	29 43	35 28	36 33	40 49
Farms with expenses of- \$1 to \$4,999	11	55	29	35	36	40
\$5,000 to \$24,999	9	1	-	-	-	-
\$25,000 to \$99,999	-	-	-	-	-	-
\$100,000 to \$249,999	-	-	-	-	-	-
\$250,000 or more	-	-	-	-	-	-
Breeding livestock purchased (see text) .... farms \$1,000	11 39	39 81	11 37	12 (D)	14 29	25 15
Other livestock and poultry purchased .... farms \$1,000	18 78	25 36	18 7	23 (D)	22 4	23 34
Feed purchased .... farms \$1,000	83 581	180 1,576	206 738	101 242	218 351	309 788
Farms with expenses of- \$1 to \$4,999	48	105	156	92	197	274
\$5,000 to \$24,999	27	55	50	9	21	29
\$25,000 to \$99,999	8	20	-	-	-	6
\$100,000 to \$249,999	-	-	-	-	-	-
\$250,000 or more	-	-	-	-	-	-
Gasoline, fuels, and oils .... farms \$1,000	487 663	983 954	910 927	439 142	575 244	531 455
Farms with expenses of- \$1 to \$4,999	477 10	982 1	883 27	439	575	520 11
\$5,000 to \$24,999	-	-	-	-	-	-
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) ....... farms \$1,000	2,912	67	59	94	190	289
Farms with expenses of- \$1 to \$999 ..... 1,667	19,474	13,111	1,090	1,003	1,380	821
\$1,000 to \$4,999 ..... 919		1	-	5	29	93
\$5,000 to \$24,999 ..... 250		3	9	29	62	149
\$25,000 to \$49,999 ..... 37		19	37	49	94	45
\$50,000 or more ..... 39		12	9	9	5	1
Supplies, repairs, and maintenance ....... farms \$1,000	4,626	71	60	103	212	346
Farms with expenses of- \$1 to \$4,999 ..... 3,835	50,411	33,335	2,251	2,292	2,156	1,810
\$5,000 to \$24,999 ..... 588		-	6	20	85	250
\$25,000 to \$49,999 ..... 90		7	25	47	112	90
\$50,000 or more ..... 113		9	11	19	11	3
Hired farm labor ....... farms \$1,000	1,527	71	61	88	188	164
Farms with expenses of- \$1 to \$4,999 ..... 695	177,892	128,212	14,944	10,207	11,112	6,199
\$5,000 to \$24,999 ..... 387		1	-	1	21	34
\$25,000 to \$49,999 ..... 229		-	8	11	33	70
\$100,000 to \$249,999 ..... 120		1	8	34	94	53
\$250,000 or more ..... 96		12	28	33	39	5
Contract labor ....... farms \$1,000	824	16	9	23	26	35
Farms with expenses of- \$1 to \$999 ..... 209	7,159	1,321	598	711	812	744
\$1,000 to \$4,999 ..... 320		-	1	-	3	-
\$5,000 to \$24,999 ..... 235		1	-	5	3	5
\$25,000 to \$49,999 ..... 36		4	2	10	16	13
\$50,000 or more ..... 24		57	4	3	6	1
Customwork and custom hauling ....... farms \$1,000	282	21	9	13	38	13
Farms with expenses of- \$1 to \$999 ..... 130	9,232	8,073	(D)	(D)	316	41
\$1,000 to \$4,999 ..... 94		2	-	-	12	-
\$5,000 to \$24,999 ..... 34		5	2	4	13	4
\$25,000 to \$49,999 ..... 6		1	1	6	11	7
\$50,000 or more ..... 18		13	4	3	1	2
Cash rent for land, buildings, and grazing fees ....... farms \$1,000	1,655	55	37	52	111	197
Farms with expenses of- \$1 to \$4,999 ..... 1,249	19,723	11,062	1,143	1,265	1,659	1,458
\$5,000 to \$9,999 ..... 156		6	8	18	42	131
\$10,000 to \$24,999 ..... 149		2	5	6	35	20
\$25,000 or more ..... 101		8	8	16	10	39
Rent and lease expenses for machinery, equipment, and farm share of vehicles ....... farms \$1,000	343	34	14	13	17	24
Farms with expenses of- \$1 to \$999 ..... 113	3,066	1,772	170	167	123	447
\$1,000 to \$4,999 ..... 135		1	1	2	-	-
\$5,000 to \$24,999 ..... 74		7	6	10	9	13
\$25,000 to \$49,999 ..... 11		13	4	9	3	2
\$50,000 or more ..... 10		6	3	2	-	-
Interest expense ....... farms \$1,000	955	43	28	44	84	117
Farms with expenses of- \$1 to \$999 ..... 540	8,633	2,545	454	566	815	581
\$5,000 to \$24,999 ..... 369		9	11	17	45	70
\$25,000 to \$49,999 ..... 36		9	12	21	31	46
\$100,000 or more ..... 10		16	4	6	8	1
Secured by real estate ....... farms \$1,000	611	20	15	20	49	60
Farms with expenses of- \$1 to \$999 ..... 96	6,114	1,383	319	285	544	254
\$1,000 to \$4,999 ..... 180		1	1	3	14	11
\$5,000 to \$24,999 ..... 311		2	2	2	24	24
\$25,000 to \$49,999 ..... 10		4	9	12	25	25
\$50,000 or more ..... 14		3	2	3	2	-
Not secured by real estate ....... farms \$1,000	430	30	19	29	44	57
Farms with expenses of- \$1 to \$999 ..... 173	2,519	1,162	136	281	271	327
\$1,000 to \$4,999 ..... 168		2	2	1	8	19
\$5,000 to \$24,999 ..... 68		7	9	14	23	16
\$25,000 to \$49,999 ..... 13		8	7	11	10	21
\$50,000 or more ..... 8		6	1	2	1	-
Property taxes paid ....... farms \$1,000	4,195	56	48	77	187	279
Farms with expenses of- \$1 to \$999 ..... 4,009	6,463	1,409	254	476	583	387
\$5,000 to \$9,999 ..... 106		26	31	51	158	267
\$10,000 to \$24,999 ..... 53		7	8	14	18	10
\$25,000 or more ..... 27		13	8	9	8	2
\$50,000 or more ..... 10		10	1	3	3	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) .... farms \$1,000	353 527	591 575	539 434	165 134	257 146	308 253
Farms with expenses of- \$1 to \$999 ..... 179 \$1,000 to \$4,999 ..... 172 \$5,000 to \$24,999 ..... 2 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	379 211 1 - -	405 134 - - -	129 36 - - -	218 39 - - -	229 75 3 1	
Supplies, repairs, and maintenance .... farms \$1,000	481 1,926	952 2,590	919 1,960	411 357	543 722	528 1,011
Farms with expenses of- \$1 to \$4,999 ..... 373 \$5,000 to \$24,999 ..... 93 \$25,000 to \$49,999 ..... 8 \$50,000 or more ..... -	886 55 4 7	843 58 18 7	401 10 - -	504 39 - -	467 52 8 1	
Hired farm labor .... farms \$1,000	203 2,271	291 1,782	183 1,072	77 220	100 410	101 1,264
Farms with expenses of- \$1 to \$4,999 ..... 112 \$5,000 to \$24,999 ..... 82 \$25,000 to \$99,999 ..... 7 \$100,000 to \$249,999 ..... 1 \$250,000 or more ..... 1	174 108 9 - -	121 51 11 - -	66 9 2 - -	84 14 1 - -	81 9 9 1 1	
Contract labor .... farms \$1,000	136 1,374	201 762	179 434	67 85	87 126	45 193
Farms with expenses of- \$1 to \$999 ..... 21 \$1,000 to \$4,999 ..... 20 \$5,000 to \$24,999 ..... 88 \$25,000 to \$49,999 ..... 7 \$50,000 or more ..... -	7 145 48 1 -	77 74 28 - -	37 29 1 - -	55 22 10 - -	8 16 21 - -	
Customwork and custom hauling .... farms \$1,000	21 37	56 55	39 10	9 2	29 2	43 122
Farms with expenses of- \$1 to \$999 ..... 1 \$1,000 to \$4,999 ..... 20 \$5,000 to \$24,999 ..... - \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	36 20 - - -	38 1 - - -	9 - - - -	20 - - - -	10 25 8 - -	
Cash rent for land, buildings, and grazing fees .... farms \$1,000	194 659	297 968	315 665	130 126	125 337	142 379
Farms with expenses of- \$1 to \$4,999 ..... 159 \$5,000 to \$9,999 ..... 12 \$10,000 to \$24,999 ..... 23 \$25,000 or more ..... -	245 39 11 2	293 1 21 -	130 1 - -	97 27 1 -	120 9 1 -	
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	32 61	71 105	66 103	20 22	25 31	27 64
Farms with expenses of- \$1 to \$999 ..... 16 \$1,000 to \$4,999 ..... 8 \$5,000 to \$24,999 ..... 8 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	40 24 7 - -	29 28 9 - -	9 11 - - -	6 19 - - -	7 12 8 - -	
Interest expense .... farms \$1,000	98 322	179 756	136 788	46 375	89 783	91 648
Farms with expenses of- \$1 to \$999 ..... 75 \$5,000 to \$24,999 ..... 23 \$25,000 to \$99,999 ..... - \$100,000 or more ..... -	122 57 - -	80 56 - -	10 36 - -	44 45 - -	57 33 1 -	
Secured by real estate .... farms \$1,000	62 208	109 650	111 739	36 372	64 757	65 604
Farms with expenses of- \$1 to \$999 ..... 24 \$1,000 to \$4,999 ..... 26 \$5,000 to \$24,999 ..... 12 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	8 44 57 56 - -	11 44 56 36 - -	- - - - - -	6 13 45 - - 1	17 14 33 - -	
Not secured by real estate .... farms \$1,000	37 114	101 106	25 50	10 3	26 26	52 44
Farms with expenses of- \$1 to \$999 ..... 16 \$1,000 to \$4,999 ..... 10 \$5,000 to \$24,999 ..... 11 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	61 40 - - -	9 16 - - -	10 - - - -	18 8 - - -	27 25 - - -	
Property taxes paid .... farms \$1,000	400 387	824 567	785 682	434 266	538 514	567 940
Farms with expenses of- \$1 to \$4,999 ..... 398 \$5,000 to \$9,999 ..... 1 \$10,000 to \$24,999 ..... 1 \$25,000 or more ..... -	823 - 1 - -	753 31 1 - -	432 - 1 2 -	520 17 2 1 -	550 - 10 7	

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) ....	2,389 \$1,000 farms	55,499 55,000	65 37,012	51 4,135	77 3,005	177 2,918
Farms with expenses of- \$1 to \$4,999 .....	1,803	2	5	7	75	115
\$5,000 to \$24,999 .....	394	3	9	35	69	121
\$25,000 to \$49,999 .....	56	4	10	33	13	1
\$50,000 to \$99,999 .....	68	10	12	18	18	-
\$100,000 or more .....	68	46	15	4	2	1
Production expenses paid by landlords <sup>3</sup> ....	216 \$1,000 farms	1,170 34,498	2 (D)	3 243	7 131	21 182
Depreciation expenses claimed (see text) ....	1,709 \$1,000 farms	34,498 18,048	59 23,177	49 2,210	64 1,559	121 2,369
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operations (see text) ....	5,438 \$1,000 farms	98,145 89,213	71 63,702	62 172,077	103 11,155	231 8,808
Average per farm .....	18,048 Average per farm				108,305	6,473 38,131
Farms with net gains <sup>4</sup> ....	3,278 number	41,991 41,221,917	57 1,221,917	53 226,301	87 144,903	178 69,597
Average net gain .....						297 37,959
Gain of- Less than \$1,000 .....	400	-	-	-	-	1
\$1,000 to \$4,999 .....	1,022	-	-	-	-	1
\$5,000 to \$9,999 .....	575	-	1	-	1	9
\$10,000 to \$24,999 .....	587	1	1	2	2	37
\$25,000 to \$49,999 .....	311	2	4	16	29	124
\$50,000 or more .....	383	54	47	67	111	98
Farms with net losses ....	2,160 number	18,287 18,287	14 424,797	9 147,244	16 90,696	53 67,550
Average net loss .....						49 97,978
Loss of- Less than \$1,000 .....	370	-	-	-	-	1
\$1,000 to \$4,999 .....	1,752	-	1	-	6	2
\$5,000 to \$9,999 .....	329	-	-	3	3	-
\$10,000 to \$24,999 .....	404	2	1	2	8	15
\$25,000 to \$49,999 .....	159	-	-	2	12	11
\$50,000 or more .....	146	12	7	9	23	11
Net cash farm income of operators (see text) ....	5,438 \$1,000 farms	98,563 18,125	71 89,854	62 172,716	103 10,673	231 9,795
Average per farm .....	18,125 Average per farm				103,625	6,152 42,401
Operators reporting net gains <sup>4</sup> ....	3,283 farms	42,210 42,223,915	57 1,223,915	52 229,861	85 147,578	178 75,008
Average net gain .....						297 37,139
Gain of- Less than \$1,000 .....	372	-	-	-	-	1
\$1,000 to \$4,999 .....	1,046	-	-	-	-	2
\$5,000 to \$9,999 .....	594	-	1	1	1	12
\$10,000 to \$24,999 .....	580	1	1	2	9	23
\$25,000 to \$49,999 .....	304	2	4	15	21	45
\$50,000 or more .....	387	54	46	66	117	117
Operators reporting net losses ....	2,155 farms	18,567 18,567	14 434,748	10 124,434	18 103,931	53 67,111
Average net loss .....						49 99,547
Loss of- Less than \$1,000 .....	374	-	-	-	-	1
\$1,000 to \$4,999 .....	1,739	-	1	-	6	2
\$5,000 to \$9,999 .....	331	-	-	4	3	-
\$10,000 to \$24,999 .....	402	2	1	1	1	10
\$25,000 to \$49,999 .....	161	-	-	2	8	14
\$50,000 or more .....	148	12	7	11	12	12
12					23	11
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total ....	farms	1,000 (D)	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) ....	farms	449 \$1,000	21 19,237	12 3,721	20 1,783	31 1,486
Customwork and other agricultural services ....	farms	181 \$1,000	8 7,448	2 (D)	8 (D)	12 784
Gross cash rent or share payments ....	farms	103 \$1,000	8 3,482	4 1,376	5 (D)	10 168
Sales of forest products, excluding Christmas trees and maple products ....	farms	21 \$1,000	1 (D)	3 81	1 (D)	1 (D)
Recreational services (see text) ....	farms	243 \$1,000	24 1,607	3 192	3 (D)	4 (D)

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) .... farms \$1,000	330	511	357	146	225	212
Farms with expenses of- \$1 to \$4,999 ..... 255	1,330	1,434	328	105	229	649
\$5,000 to \$24,999 ..... 67		462	351	146	208	177
\$25,000 to \$49,999 ..... 7		40	6	-	17	27
\$50,000 to \$99,999 ..... 1		9	-	-	-	8
\$100,000 or more ..... -		-	-	-	-	-
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	30	8	30	46	43	24
Depreciation expenses claimed (see text) .... farms \$1,000	191	331	247	125	152	164
	708	975	572	199	209	255
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operations (see text) .... farms \$1,000	508	1,057	1,031	610	704	715
Average per farm ..... dollars 11,996	6,094	2,919	-1,594	-137	-3,040	-6,904
Average net gain ..... dollars 20,478	419	815	658	432	256	26
Farms with net gains <sup>4</sup> ..... number						583
Average net gain ..... dollars						
Gain of- Less than \$1,000 ..... 1		51	79	104	137	25
\$1,000 to \$4,999 ..... 44		156	372	317	119	-
\$5,000 to \$9,999 ..... 37		305	197	-	-	1
\$10,000 to \$24,999 ..... 205		294	9	11	-	-
\$25,000 to \$49,999 ..... 126		9	1	-	-	-
\$50,000 or more ..... 6		-	-	-	-	-
Farms with net losses ..... number	89	242	373	178	448	689
Average net loss ..... dollars	27,939	18,308	11,312	5,961	7,321	10,042
Loss of- Less than \$1,000 ..... 11		24	12	39	107	176
\$1,000 to \$4,999 ..... 9		62	164	55	169	284
\$5,000 to \$9,999 ..... 1		34	84	45	71	78
\$10,000 to \$24,999 ..... 35		79	76	36	69	81
\$25,000 to \$49,999 ..... 29		19	9	1	29	47
\$50,000 or more ..... 4		24	28	2	3	23
Net cash farm income of operators (see text) .... farms \$1,000	508	1,057	1,031	610	704	715
Average per farm ..... dollars 12,143	6,169	2,785	-1,513	-9	-2,987	-6,887
Operators reporting net gains <sup>4</sup> ..... farms	418	815	658	441	256	26
Average net gain ..... dollars 20,729		8,869	4,113	2,374	1,061	583
Gain of- Less than \$1,000 ..... -		51	79	93	121	25
\$1,000 to \$4,999 ..... 44		164	352	337	135	-
\$5,000 to \$9,999 ..... 38		304	217	-	-	1
\$10,000 to \$24,999 ..... 203		287	9	11	-	-
\$25,000 to \$49,999 ..... 127		9	1	-	-	-
\$50,000 or more ..... 6		-	-	-	-	-
Operators reporting net losses ..... farms	90	242	373	169	448	689
Average net loss ..... dollars	27,732	18,357	11,312	6,249	7,274	10,017
Loss of- Less than \$1,000 ..... 11		24	12	30	113	183
\$1,000 to \$4,999 ..... 9		62	164	55	163	277
\$5,000 to \$9,999 ..... 2		34	84	45	71	78
\$10,000 to \$24,999 ..... 35		79	76	36	69	81
\$25,000 to \$49,999 ..... 29		19	9	1	29	47
\$50,000 or more ..... 4		24	28	2	3	23
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total ..... farms \$1,000	-	(D)	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	58	102	46	42	30	52
Customwork and other agricultural services ..... farms \$1,000	1,249	2,650	854	259	265	739
Gross cash rent or share payments ..... farms \$1,000	25	45	19	23	10	11
Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000	158	295	195	98	122	34
Recreational services (see text) ..... farms \$1,000	6	19	14	5	13	16
	136	(D)	157	58	100	(D)

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000	40 90	5 (D)	4 9	3 (D)	4 3	1 (D)
Other farm-related income sources (see text) . . . . . farms \$1,000	134 6,368	8 1,615	3 (D)	7 (D)	4 200	16 (D)
<b>LAND USE</b>						
Total cropland . . . . . farms acres	4,755 211,420	56 (D)	51 (D)	89 39,061	219 12,090	287 12,682
Harvested cropland . . . . . farms acres	4,522 109,461	55 57,813	50 2,674	86 25,652	214 3,360	277 4,623
Farms by acres harvested:						
1 to 49 acres . . . . . farms acres	4,415 49	20 7	32 11	74 4	201 9	266 4
50 to 99 acres . . . . . farms acres	23	5	3	3	4	5
100 to 199 acres . . . . . farms acres	15	6	4	3	-	1
200 to 499 acres . . . . . farms acres	6	4	-	1	-	1
500 to 999 acres . . . . . farms acres	5	5	-	-	-	-
1,000 to 1,999 acres . . . . . farms acres	9	8	-	1	-	-
2,000 acres or more . . . . . farms acres						
Cropland-						
For pasture or grazing only . . . . . farms acres	451 36,540	- -	3 (D)	6 (D)	14 3,727	24 5,886
On which all crops failed . . . . . farms acres	200 1,407	6 (D)	3 (D)	- (D)	7 (D)	15 (D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres	858 61,559	18 38,760	13 (D)	24 4	52 4,851	75 2,032
In cultivated summer fallow . . . . . farms acres	55 2,153	3 (D)	4 136	4 (D)	2 (D)	2 (D)
Total woodland . . . . . farms acres	308 117,685	5 (D)	2 (D)	9 (D)	9 (D)	12 (D)
Woodland pastured . . . . . farms acres	86 41,466	- (D)	1 (D)	4 24,324	4 (D)	4 36
Woodland not pastured . . . . . farms acres	248 76,218	4 (D)	1 (D)	7 (D)	6 (D)	11 (D)
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres	858 852,626	13 (D)	8 (D)	13 (D)	36 158,150	38 (D)
Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres	1,973 119,068	56 40,667	38 (D)	49 (D)	119 (D)	143 (D)
Irrigated land . . . . . farms acres	2,231 69,194	49 53,443	44 1,218	64 892	174 2,004	174 5,678
Harvested cropland . . . . . farms acres	2,174 58,691	47 (D)	44 1,218	64 (D)	174 2,351	170 2,351
Pastureland and other land . . . . . farms acres	111 10,503	5 (D)	- (D)	1 (D)	2 (D)	9 3,327
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres	5 243	- -	- -	- -	- -	- -
Land used to raise certified organically produced crops (see text) . . . . . farms acres	126 780	2 (D)	2 (D)	- -	7 31	6 151
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres	185 27,759	24 14,177	10 157	20 1,575	25 342	15 (D)
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>						
Estimated market value of land and buildings . . . . . farms \$1,000	5,438 4,583,552	71 807,616	62 247,627	103 3,993,976	231 2,994,602	346 333,173
Average per farm . . . . . dollars	842,875	11,374,868	2,047	1,091	2,317,584	962,928
Average per acre . . . . . dollars	3,507				2,352	5,694
Farms by value group:						
\$1 to \$49,999 . . . . .	563	5	2	2	13	7
\$50,000 to \$99,999 . . . . .	556	1	1	1	4	29
\$100,000 to \$199,999 . . . . .	839	1	3	7	12	34
\$200,000 to \$499,999 . . . . .	1,643	8	10	20	53	93
\$500,000 to \$999,999 . . . . .	1,000	5	16	22	49	88
\$1,000,000 to \$1,999,999 . . . . .	442	14	10	24	30	70
\$2,000,000 to \$4,999,999 . . . . .	279	17	12	17	48	9
\$5,000,000 to \$9,999,999 . . . . .	67	10	4	4	6	15
\$10,000,000 or more . . . . .	49	11	4	6	16	1

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000	72	4 (Z)	51	4 (Z)	3 (D)	-
Other farm-related income sources (see text) . . . . . farms \$1,000	21907	281,044	11502	9100	519	22605
<b>LAND USE</b>						
Total cropland . . . . . farms acres	4628,366	97613,371	84511,013	6383,639	6303,056	5025,409
Harvested cropland . . . . . farms acres	4513,560	9474,783	8132,882	6151,458	5991,464	4151,192
Farms by acres harvested:						
1 to 49 acres . . . . .	445	942	810	615	597	413
50 to 99 acres . . . . .	5	3	1	-	2	2
100 to 199 acres . . . . .	1	1	-	-	-	-
200 to 499 acres . . . . .	-	-	-	-	-	-
500 to 999 acres . . . . .	-	-	-	-	-	-
1,000 to 1,999 acres . . . . .	-	-	-	-	-	-
2,000 acres or more . . . . .	-	-	-	-	-	-
Cropland-						
For pasture or grazing only . . . . . farms acres	32(D)	776,911	825,830	531,672	68962	92(D)
On which all crops failed . . . . . farms acres	24(D)	30244	36191	2576	22(D)	3285
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms acres	821,148	1701,351	1272,087	97(D)	97(D)	1032,021
In cultivated summer fallow . . . . . farms acres	6(D)	1482	1223	4(D)	2(D)	(D)
Total woodland . . . . . farms acres	20(D)	532,118	35562	45(D)	4696+	72(D)
Woodland pastured . . . . . farms acres	9(D)	16978	3730	10216	14(D)	16(D)
Woodland not pastured . . . . . farms acres	14(D)	411,140	30525	3637	37(D)	611,708
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms acres	56(D)	12037,783	132(D)	1138,101	1406,276	189(D)
Land in house lots, ponds, roads, wasteland, etc. . . . . farms acres	1811,051	3553,934	3251,681	2391,246	2351,914	2332,664
Irrigated land . . . . . farms acres	2691,368	4791,547	3301,225	243442	235481	170896
Harvested cropland . . . . . farms acres	2671,141	4741,381	320(D)	239407	231421	144283
Pastureland and other land . . . . . farms acres	10227	16166	15(D)	835	1260	33613
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms acres	2(D)	1(D)	1(D)	-	-	1(D)
Land used to raise certified organically produced crops (see text) . . . . . farms acres	1370	28126	1551	1846	2562	10(D)
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms acres	16(D)	231,589	24(D)	1260	4(D)	1262
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>						
Estimated market value of land and buildings . . . . . farms \$1,000	508368,862	1,057483,759	1,031560,022	610151,754	704278,633	715508,302
Average per farm . . . . . dollars	726,105	457,671	543,183	248,777	395,785	710,912
Average per acre . . . . . dollars	4,701	9,950	21,163	13,611	35,718	13,114
Farms by value group:						
\$1 to \$49,999 . . . . .	38	118	149	83	98	48
\$50,000 to \$99,999 . . . . .	24	92	111	99	115	80
\$100,000 to \$199,999 . . . . .	73	204	180	95	129	101
\$200,000 to \$499,999 . . . . .	140	389	323	247	160	200
\$500,000 to \$999,999 . . . . .	158	139	172	82	145	124
\$1,000,000 to \$1,999,999 . . . . .	46	73	45	3	32	95
\$2,000,000 to \$4,999,999 . . . . .	23	36	34	1	23	59
\$5,000,000 to \$9,999,999 . . . . .	4	6	9	-	2	7
\$10,000,000 or more . . . . .	2	-	8	-	-	1

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment .....	5,234 \$1,000 farms	186,163 71 68,714	62 8,927	103 9,329	231 14,031	346 11,585
Farms by value group:						
\$1 to \$4,999 .....	2,222	-	1	11	35	45
\$5,000 to \$9,999 .....	883		2	1	11	45
\$10,000 to \$19,999 .....	830	1	3	15	43	89
\$20,000 to \$49,999 .....	739		8	29	73	94
\$50,000 to \$99,999 .....	273	11	18	14	33	52
\$100,000 to \$199,999 .....	148	15	18	17	18	17
\$200,000 to \$499,999 .....	89	16	19	15	15	4
\$500,000 or more .....	45	21	3	1	3	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors .....	2,896 farms number	65 557 557	53 178 215	75 215	188 387	306 580
Less than 40 horsepower (PTO) .....	5,220 farms number	45 3,149 (D)	39 39 (D)	55 108	96 162	234 365
40 to 99 horsepower (PTO) .....	3,111 farms number	44 962 (D)	32 32 (D)	43 95	120 203	106 182
100 horsepower (PTO) or more .....	1,715 farms number	21 230 (D)	13 13 (D)	10 10	19 22	27 33
Grain and bean combines .....	6 farms number	3 5 -	-	-	-	2 (D)
Cotton pickers and strippers .....	8 farms number	-	-	-	-	-
Forage harvesters, self-propelled (see text) .....	4 farms number	2 (D) 1	-	1 (D)	-	1 (D)
Hay balers .....	14 farms number	(D)	-	(D)	-	-
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners .....	4,042 farms acres treated	53 78,292	50 2,780	78 13,679	165 6,610	292 6,872
Manure .....	127,996 farms acres treated	709 6 (D)	2 2 213	7 7 77	14 14 77	27 403
Acres treated with chemicals to control- Insects .....	1,840 farms acres	45 25,655 49	43 1,748 44	64 1,954 48	123 2,352 111	204 2,827 243
Weeds, grass, or brush .....	2,820 farms acres	101,258 64,243	2,369 2,369	(D)	9,313 9,313	6,472 6,472
Nematodes .....	275 farms acres	11 8,169 34	8 232 30	14 190 39	24 199 62	20 20 119
Diseases in crops and orchards .....	800 farms acres	30,824 24,350	1,166 1,166	1,058 1,058	868 868	1,488 1,488
Chemicals used to control growth, thin fruit, or defoliate .....	216 farms acres on which used	26,378 25,642	9 5 29	4 (D)	5 32	15 155
<b>TENURE</b>						
Full owners .....	3,202 farms	13	17	35	95	132
Part owners .....	589 farms	20	20	26	59	58
Tenants .....	1,607 farms	38	25	42	95	124
<b>OWNED AND RENTED LAND</b>						
Land owned .....	3,801 farms acres	33 256,391 33	37 62,400 37	61 182,166 61	155 87,167 154	190 9,080 (D)
Owned land in farms .....	700,691 farms acres	3,791 239,672	37 60,279	178,148	86,432	
Land rented or leased from others .....	2,205 farms acres	58 654,426 58	45 180,054 45	69 104,561 68	154 131,366 154	182 47,235 182
Rented or leased land in farms .....	2,196 farms acres	237 627,341	16 154,910	68 71,849	68 (D)	131,315 (D)
Land rented or leased to others .....	204 farms acres	15 54,618	7 (D)	7 (D)	12 (D)	8 (D)
<b>NUMBER OF OPERATORS</b>						
Total operators .....	8,009 number	160	142	179	396	465
Farms by number of operators:						
1 operator .....	3,306	24	25	45	139	194
2 operators .....	1,767	23	25	44	84	96
3 operators .....	237	16	5	11	20	19
4 operators .....	45	3	3	2	3	3
5 or more operators .....	43	5	4	1	3	2
Total women operators .....	2,652 number	33	44	39	107	134
Farms by number of women operators:						
1 operator .....	2,273	20	21	33	90	115
2 operators .....	148	5	4	3	7	8
3 operators .....	16	1	1	-	1	1
4 operators .....	2	-	-	-	-	-
5 or more operators .....	3	-	1	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment .....	farms \$1,000 508 21,981		1,057 25,649	1,031 11,335	610 3,102	704 4,542
Farms by value group:						
\$1 to \$4,999 .....	134	374	513	366	456	287
\$5,000 to \$9,999 .....	118	164	222	154	115	51
\$10,000 to \$19,999 .....	58	208	191	51	79	98
\$20,000 to \$49,999 .....	103	229	67	38	40	40
\$50,000 to \$99,999 .....	62	48	12	1	9	17
\$100,000 to \$199,999 .....	15	6	26	-	-	17
\$200,000 to \$499,999 .....	-	25	-	-	-	1
\$500,000 or more .....	14	3	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors .....	farms number 313 539		585 839	494 680	202 323	306 473
Less than 40 horsepower (PTO) .....	farms number 243 333		409 548	405 (D)	183 (D)	213 227
40 to 99 horsepower (PTO) .....	farms number 92 156		178 228	127 148	27 27	297 300
100 horsepower (PTO) or more .....	farms number 24 50		56 63	2 (D)	9 (D)	156 20
Grain and bean combines .....	farms number 1 (D)		-	-	-	-
Cotton pickers and strippers .....	farms number - -		-	-	-	-
Forage harvesters, self-propelled (see text) .....	farms number - -		-	-	-	-
Hay balers .....	farms number 2 (D)		1 (D)	-	-	(D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners .....	farms acres treated 412 6,321		863 4,593	803 2,543	506 1,025	438 944
Manure .....	farms acres treated 100 (D)		200 554	133 216	129 462	69 158
Acres treated with chemicals to control:						
Insects .....	farms acres 237 3,298		405 1,811	296 789	163 540	93 105
Weeds, grass, or brush .....	farms acres 351 4,715		649 3,670	471 (D)	323 (D)	537 297
Nematodes .....	farms acres 40 114		82 309	37 100	18 36	324 581
Diseases in crops and orchards .....	farms acres 79 621		226 661	110 404	37 60	14 28
Chemicals used to control growth, thin fruit, or defoliate .....	farms acres on which used 22 (D)		67 237	18 72	36 63	21 21
<b>TENURE</b>						
Full owners .....	farms farms 230		563	586	506	541
Part owners .....	farms farms 89		113	72	38	49
Tenants .....	farms farms 187		380	258	170	156
<b>OWNED AND RENTED LAND</b>						
Land owned .....	farms acres 322 36,756		679 17,974	658 10,438	546 5,699	591 5,326
Owned land in farms .....	farms acres 319 35,437		676 17,334	658 (D)	544 (D)	590 5,044
Land rented or leased from others .....	farms acres 276 35,574		494 40,865	330 (D)	212 7,760	206 7,197
Rented or leased land in farms .....	farms acres 276 35,553		493 39,872	330 (D)	208 7,705	205 7,166
Land rented or leased to others .....	farms acres 13 (D)		41 (D)	27 255	19 (D)	29 313
<b>NUMBER OF OPERATORS</b>						
Total operators .....	number 749		1,525	1,311	1,030	1,077
Farms by number of operators:						
1 operator .....	309		688	576	434	471
2 operators .....	171		310	295	252	242
3 operators .....	18		42	40	21	21
4 operators .....	4		7	3	6	6
5 or more operators .....	4		9	2	1	5
Total women operators .....	number 251		521	439	371	367
Farms by number of women operators:						
1 operator .....	219		427	379	338	328
2 operators .....	11		29	30	15	18
3 operators .....	2		7	-	1	1
4 operators .....	1		2	-	-	1
5 or more operators .....	-		-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	4,338	68	57	94	228	265
Female .....	1,060	3	5	9	21	49
Primary occupation:						
Farming .....	3,125	59	54	87	204	262
Other .....	2,273	12	8	16	45	52
Place of residence:						
On farm operated .....	3,538	24	21	53	148	187
Not on farm operated .....	1,860	47	41	50	101	127
Days worked off farm:						
None .....	2,786	58	47	74	173	222
Any .....	2,612	13	15	29	76	92
1 to 49 days .....	932	2	2	7	12	18
50 to 99 days .....	926	1	1	3	8	5
100 to 199 days .....	393	1	3	3	9	14
200 days or more .....	1,661	9	9	17	47	55
Years on present farm:						
2 years or less .....	322	3	3	6	10	10
3 or 4 years .....	547	5	1	8	16	28
5 to 9 years .....	1,194	17	10	23	37	60
10 years or more .....	3,335	46	48	66	186	216
Average years on present farm .....	15.5	17.4	18.8	16.9	17.7	16.1
Age group:						
Under 25 years .....	14	-	-	1	1	1
25 to 34 years .....	154	1	2	3	8	17
35 to 44 years .....	720	6	9	17	46	46
45 to 49 years .....	822	13	13	22	41	54
50 to 54 years .....	950	20	13	11	50	63
55 to 59 years .....	796	18	7	19	44	59
60 to 64 years .....	504	6	2	10	15	17
65 to 69 years .....	426	3	3	1	20	25
70 years and over .....	1,012	4	6	19	24	32
Average age .....	56.5	54.2	54.0	54.0	53.2	53.3
Spanish, Hispanic, or Latino origin (see text) .....	241	1	1	2	10	19
Race:						
White .....	2,148	40	19	41	96	105
Black or African American .....	12	-	-	1	-	-
American Indian or Alaska Native .....	30	-	-	1	1	1
Native Hawaiian or Other Pacific Islander .....	424	3	2	5	8	16
Asian .....	2,090	26	37	49	118	156
More than one race reported .....	694	2	4	8	25	36
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	780	13	12	12	39	48
2 people .....	2,189	35	26	31	89	113
3 people .....	919	11	6	25	40	60
4 people .....	796	8	8	21	44	48
5 or more people .....	714	4	10	14	37	45
Percent of operator's total household income from farming:						
Less than 25 percent .....	3,134	5	8	24	54	75
25 to 49 percent .....	593	-	3	8	20	41
50 to 74 percent .....	405	2	1	10	22	41
75 to 99 percent .....	213	5	8	12	25	38
100 percent .....	723	18	14	25	80	86
Operator is a hired manager .....	farms	330	41	24	49	33
	acres	789,520	369,160	(D)	122,089	24,605
Farms with-						
Computer for farm business .....	2,173	66	58	83	158	156
Internet access .....	2,613	64	52	77	172	169
Farms by number of households sharing in net income of farm:						
1 household .....	4,037	16	19	53	142	224
2 households .....	717	7	10	13	37	35
3 households .....	146	4	1	6	10	12
4 households .....	78	2	-	3	5	3
5 households or more .....	90	1	4	4	6	7
<b>F FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms	4,629	6	15	41	134
	acres	329,179	(D)	(D)	(D)	75,301
Partnership .....	farms	225	9	2	9	23
	acres	116,737	11,026	(D)	(D)	(D)
Registered under state law .....	farms	182	9	2	9	23
	acres	114,417	11,026	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	410	817	725	552	593	529
Female .....	96	239	191	162	153	132
Primary occupation:						
Farming .....	360	658	478	352	310	301
Other .....	146	398	438	362	436	360
Place of residence:						
On farm operated .....	301	682	621	505	537	459
Not on farm operated .....	205	374	295	209	209	202
Days worked off farm:						
None .....	318	544	407	307	345	291
Any .....	188	512	509	407	401	370
1 to 49 days .....	22	62	52	53	45	57
50 to 99 days .....	19	50	54	31	28	26
100 to 199 days .....	27	80	73	64	70	50
200 days or more .....	120	320	330	259	258	237
Years on present farm:						
2 years or less .....	26	62	50	36	48	68
3 or 4 years .....	43	93	99	79	84	91
5 to 9 years .....	109	227	210	171	179	151
10 years or more .....	328	674	557	428	435	351
Average years on present farm .....	15.9	16.3	15.7	15.3	14.7	12.9
Age group:						
Under 25 years .....	4	3	1	1	2	-
25 to 34 years .....	15	29	27	12	25	15
35 to 44 years .....	84	174	120	70	80	68
45 to 49 years .....	82	145	138	96	103	115
50 to 54 years .....	101	180	144	117	129	122
55 to 59 years .....	58	144	111	119	100	117
60 to 64 years .....	41	94	93	73	83	63
65 to 69 years .....	40	85	75	60	58	56
70 years and over .....	81	202	207	166	166	105
Average age .....	54.8	56.2	57.5	58.7	57.9	56.5
Spanish, Hispanic, or Latino origin (see text) .....	12	38	51	21	39	47
Race:						
White .....	182	406	318	282	287	372
Black or African American .....	-	1	3	4	3	-
American Indian or Alaska Native .....	2	9	3	4	8	2
Native Hawaiian or Other Pacific Islander .....	28	85	85	60	67	65
Asian .....	229	430	372	264	280	129
More than one race reported .....	65	125	135	100	101	93
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	74	123	139	106	115	99
2 people .....	177	430	344	324	328	292
3 people .....	82	182	163	118	119	113
4 people .....	94	158	136	83	103	93
5 or more people .....	79	163	134	83	81	64
Percent of operator's total household income from farming:						
Less than 25 percent .....	168	529	622	542	601	506
25 to 49 percent .....	81	195	108	64	38	35
50 to 74 percent .....	99	109	59	22	21	20
75 to 99 percent .....	35	48	11	19	4	8
100 percent .....	91	135	87	54	65	68
Operator is a hired manager .....	farms	(D)	40	29	13	17
	acres		(D)	2,186	506	596
Farms with-						
Computer for farm business .....	208	416	302	236	245	245
Internet access .....	237	485	374	303	331	349
Farms by number of households sharing in net income of farm:						
1 household .....	377	788	697	590	581	550
2 households .....	71	158	140	82	106	58
3 households .....	11	36	23	9	21	13
4 households .....	6	20	16	13	8	2
5 households or more .....	9	14	11	7	13	14
<b>F FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms	434	942	840	675	687
	acres	26,273	(D)	21,435	10,378	9,843
Partnership .....	farms	23	44	37	17	27
	acres	(D)			(D)	(D)
Registered under state law .....	farms	21	4,288	2,622	10	307
	acres	(D)	33	27	(D)	12
			3,560	2,310		251

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms acres	472 713,539	51 376,470	43 (D) 83,019	51 81,267 39 (D)	87 (D) 80 (D)
Family held .....	farms acres	392 344,755	36 110,575	35 5 4	39 (D) 4	34 17,843 - 4
More than 10 stockholders .....	farms acres	24 368	3 33	5 30	4 35	4 76 34
10 or less stockholders .....	farms acres	368	33	30	35	76 34
Other than family held .....	farms acres	80 368,784	15 265,895	8 (D) 8	12 (D) 3	8 564 1
More than 10 stockholders .....	farms acres	11 69	5 10	8 3	9 6	1 7
10 or less stockholders .....	farms acres	69	10	8	9	6
Other-cooperative, estate or trust, institutional, etc .....	farms acres	72 141,044	5 (D)	2 (D)	2 (D)	5 262 (D)
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms workers	1,527 12,640	71 5,179	61 903	88 822	188 1,142 164 936
Workers by days worked:						
150 days or more .....	farms workers	834 7,185	69 4,064	58 679	82 502	154 656 91 298
Less than 150 days .....	farms workers	1,141 5,455	42 1,115	34 224	50 320	107 486 125 638
Migrant farm labor on farms with hired labor (see text) .....	farms	189	12	10	13	33 40
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	-	-	-	1 -
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....		3,440	8	16	26	88 103 116
10 to 49 acres .....		1,309	16	17	46	140 13 113
50 to 69 acres .....		130	4	4	5	13
70 to 99 acres .....		81	2	3	3	7
100 to 139 acres .....		81	2	3	3	5
140 to 179 acres .....		42	4	3	3	6
180 to 219 acres .....		34	1	1	1	1
220 to 259 acres .....		19	1	1	2	2
260 to 499 acres .....		93	5	2	2	4
500 to 999 acres .....		61	7	1	1	8
1,000 to 1,999 acres .....		41	6	6	11	8
2,000 acres or more .....		66	15	6	10	6
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....		24	4	2	-	2
Vegetable and melon farming (1112) .....		548	6	10	16	48 40
Fruit and tree nut farming (1113) .....		2,362	15	7	15	82
Greenhouse, nursery, and floriculture production (1114) .....		1,264	24	27	47	121 10 120
Other crop farming (1119) .....		233	4	1	4	19
Tobacco farming (11191) .....		-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....		233	4	1	4	10 22 19
Beef cattle ranching and farming (112111) .....		526	2	4	7	26 1
Cattle feedlots (112112) .....		30	1	2	1	1
Dairy cattle and milk production (11212) .....		13	7	-	-	8
Hog and pig farming (1122) .....		115	-	1	1	10
Poultry and egg production (1123) .....		51	2	6	4	2
Sheep and goat farming (1124) .....		65	-	-	2	-
Animal aquaculture and other animal production (1125, 1129) .....		167	6	2	6	5 7
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms number	748 154,308	11 51,945	7 13,276	12 19,249	32 24,336 11,392
Farms with-						
1 to 9 .....		235	-	-	1	2
10 to 49 .....		248	-	1	1	5
50 to 99 .....		84	-	-	-	1
100 to 199 .....		73	-	-	1	4
200 to 499 .....		54	-	-	1	6
500 or more .....		54	11	6	8	10 10
Cows and heifers that had calved .....	farms number	597 89,742	11 29,839	6 8,070	12 11,245	29 13,553 7,269
Beef cows .....	farms number	578 83,277	5 23,498	6 8,070	12 11,245	28 (D) 31 (D)
Farms with-						
1 to 9 .....		183	-	-	1	2
10 to 49 .....		210	1	-	1	7
50 to 99 .....		68	-	-	-	1
100 to 199 .....		53	-	-	1	4
200 to 499 .....		26	-	-	-	12
500 or more .....		38	4	6	8	4 4

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms 44	acres 15,606	54 3,735	34 (D)	18 1,469	26 1,902
Family held .....	farms 36	acres 15,439	47 3,615	28 (D)	15 1,434	22 1,882
More than 10 stockholders .....	farms 2			2	1	3
10 or less stockholders .....	farms 36		45	26	14	19
Other than family held .....	farms 8	acres 167	7 120	434 6	3 35	4 20
More than 10 stockholders .....	farms 8		7	6	2	4
10 or less stockholders .....	farms					2
Other-cooperative, estate or trust, institutional, etc .....	farms 5	acres (D)	16 (D)	5 (D)	4 (D)	6 158
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms 203	workers 1,282	291 1,147	183 545	77 197	100 193
Workers by days worked:						
150 days or more .....	farms 119	workers 362	127 344	52 81	18 36	25 54
Less than 150 days .....	farms 165	workers 920	224 803	152 464	59 161	84 139
Migrant farm labor on farms with hired labor (see text) .....	farms 24		48	9	-	-
Migrant farm labor on farms reporting only contract labor (see text) .....	farms 23		-	9	9	-
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....	270		726	667	562	571
10 to 49 acres .....	179		216	160	108	132
50 to 69 acres .....	8		17	13	6	17
70 to 99 acres .....	2		13	16	9	8
100 to 139 acres .....	2		10	21	6	7
140 to 179 acres .....	5		7	14	1	1
180 to 219 acres .....	4		8	4	-	2
220 to 259 acres .....	2		5	2	-	5
260 to 499 acres .....	14		29	26	13	2
500 to 999 acres .....	8		14	9	3	3
1,000 to 1,999 acres .....	4		8	4	-	1
2,000 acres or more .....	6		3	-	-	4
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....	-		-	-	1	14
Vegetable and melon farming (1112) .....	85		137 445	86 489	66 374	43 405
Fruit and tree nut farming (1113) .....	174					316
Greenhouse, nursery, and floriculture production (1114) .....	163		305 50	170 41	132 31	101 40
Other crop farming (1119) .....	22		-	-	-	54 11
Tobacco farming (11191) .....	-		-	-	-	-
Cotton farming (11192) .....	-		-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....	22		50	41	31	40
Beef cattle ranching and farming (112111) .....	34		76	78	61	84
Cattle feedlots (112112) .....	-		3	4	6	9
Dairy cattle and milk production (11212) .....	15		15	17	8	16
Hog and pig farming (1122) .....	1		2	6	7	24
Poultry and egg production (1123) .....	3		3	3	4	15
Sheep and goat farming (1124) .....	3		2	-	-	17
Animal aquaculture and other animal production (1125, 1129) .....	9		20	21	24	43
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms 52	number 9,333	111 11,911	126 5,796	89 2,376	110 1,424
Farms with-						3,270
1 to 9 .....	7		20	31	33	56
10 to 49 .....	4		16	56	40	52
50 to 99 .....	9		30	24	12	2
100 to 199 .....	10		35	10	4	6
200 to 499 .....	21		8	5	-	2
500 or more .....	1		2	-	-	3
Cows and heifers that had calved .....	farms 51	number 5,847	93 6,925	102 2,892	66 1,256	88 830
Beef cows .....	farms 48	number 5,840	93 (D)	100 (D)	65 (D)	85 817
Farms with-						2,002
1 to 9 .....	3		13	25	29	51
10 to 49 .....	7		27	59	29	34
50 to 99 .....	13		30	11	7	-
100 to 199 .....	18		20	5	-	2
200 to 499 .....	6		2	-	-	2
500 or more .....	1		1	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms number	27 6,465	7 6,341	-	-	2 (D)
Farms with-						
1 to 4 .....		16	-	-	1	1
5 to 9 .....		2	-	-	-	-
10 to 49 .....		1	-	-	1	1
50 to 99 .....		1	-	-	-	-
100 to 199 .....		-	-	-	-	-
200 to 499 .....		-	-	-	-	-
500 or more .....		7	7	-	-	-
Other cattle (see text) .....	farms number	609 64,566	11 22,106	7 5,206	12 8,004	28 10,783
Cattle and calves sold .....	farms number	550 60,739	11 20,830	6 (D)	11 7,460	28 10,042
Calves weighing less than 500 pounds .....	farms number	\$1,000 30,719	\$1,000 30,303	8 (D)	3,085 7	32 10,042 3,511 14 (D)
Cattle, including calves weighing 500 pounds or more .....	farms number	385 40,397	8 18,676	6 (D)	4,475 1	24 6,101 (D)
Cattle on feed (see text) .....	farms number	41 8,006	1 (D)	1 (D)	1 (D)	3 140
Hogs and pigs inventory .....	farms number	204 23,364	-	3 (D)	3 (D)	13 5,273
Farms with-						
1 to 24 .....		113	-	-	1	2
25 to 49 .....		19	-	-	-	-
50 to 99 .....		22	-	-	-	2
100 to 199 .....		17	-	-	-	1
200 to 499 .....		19	-	1	1	4
500 or more .....		14	-	2	1	3
Used or to be used for breeding .....	farms number	160 5,843	-	3 (D)	2 (D)	12 1,035
Other hogs and pigs .....	farms number	180 17,521	-	3 (D)	3 (D)	1 4,241
Hogs and pigs sold .....	farms number	158 \$1,000 33,231 4,612	-	3 (D)	3 (D)	12 8,911 (D)
Sheep and lambs of all ages inventory (see text) .....	farms number	103 19,909	1 (D)	-	2 (D)	3 (D)
Ewes 1 year old or older .....	farms number	91 6,800	1 (D)	-	2 (D)	7 132
Sheep and lambs sold .....	farms number	34 4,639	1 (D)	-	2 (D)	2 (D)
Horses and ponies inventory .....	farms number	493 4,582	6 415	4 146	9 555	21 669
Horses and ponies sold .....	farms number	79 237	2 (D)	2 (D)	1 (D)	3 6 (D)
Goats, All inventory .....	farms number	189 5,364	-	-	3 (D)	5 (D)
Goats sold .....	farms number	86 4,237	-	-	2 (D)	264 2 (D)
<b>POULTRY</b>						
Layers 20 weeks old and older inventory .....	farms number	125 537,882	2 (D)	3 128,255	3 (D)	2 (D)
Farms with-						
1 to 399 .....		115	-	-	1	-
400 to 3,199 .....		1	-	-	-	2
3,200 to 9,999 .....		3	-	-	1	-
10,000 to 19,999 .....		1	-	-	1	2
20,000 to 49,999 .....		3	-	3	-	-
50,000 to 99,999 .....		1	1	-	-	-
100,000 or more .....		1	1	-	-	-
Pullets for laying flock replacement inventory .....	farms number	26 67,925	-	3 (D)	1 (D)	1 (D)
Layers and pullets sold (see text) .....	farms number	25 458,280	2 (D)	4 (D)	2 (D)	2 (D)
Broilers and other meat-type chickens sold .....	farms number	17 881,112	-	1 (D)	2 (D)	1 (D)
Farms with-						
1 to 1,999 .....		13	-	-	-	-
2,000 to 59,999 .....		1	-	-	-	-
60,000 to 99,999 .....		1	-	1	1	-
100,000 or more .....		3	-	2	-	-
Turkeys inventory .....	farms number	7 75	-	-	1 (D)	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows ..... farms number	3 7	1 (D)	2 (D)	1 (D)	4 13	5 14
Farms with-						
1 to 4 .....	3	1	1	1	3	5
5 to 9 .....	-	-	-	-	1	-
10 to 49 .....	-	-	-	-	-	-
50 to 99 .....	-	-	-	-	-	-
100 to 199 .....	-	-	-	-	-	-
200 to 499 .....	-	-	-	-	-	-
500 or more .....	-	-	-	-	-	-
Other cattle (see text) ..... farms number	43 3,486	102 4,986	105 2,904	75 1,120	77 594	122 1,254
Cattle and calves sold ..... farms number	46 3,690	95 3,962	106 1,828	80 802	98 428	37 (D)
\$1,000	1,200	1,228	585	245	428	22
Calves weighing less than 500 pounds ..... farms number	34 (D)	62 (D)	55 1,159	41 470	43 (D)	18 51
Cattle, including calves weighing 500 pounds or more ..... farms number	32 (D)	58 (D)	70 669	58 332	70 32	23 (D)
Cattle on feed (see text) ..... farms number	-	91	9 54	6 37	9 28	2 (D)
Hogs and pigs inventory ..... farms number	20 3,697	31 2,693	34 1,576	22 445	28 387	39 563
Farms with-						
1 to 24 .....	4	12	19	17	22	34
25 to 49 .....	-	4	4	3	5	-
50 to 99 .....	2	7	6	1	1	3
100 to 199 .....	2	4	3	1	-	-
200 to 499 .....	5	3	2	-	-	-
500 or more .....	1	1	-	-	-	-
Used or to be used for breeding ..... farms number	15 854	26 898	28 386	17 130	20 109	28 173
Other hogs and pigs ..... farms number	20 2,843	28 1,885	30 1,190	17 315	26 278	32 390
Hogs and pigs sold ..... farms number	20 4,930	26 3,310	28 242	15 121	22 424	18 422
Sheep and lambs of all ages inventory (see text) ..... farms number	4 85	15 (D)	8 177	15 (D)	16 269	32 485
Ewes 1 year old or older ..... farms number	4 42	14 140	5 31	14 124	15 82	27 198
Sheep and lambs sold ..... farms number	2 (D)	4 (D)	3 (D)	3 (D)	3 55	12 68
Horses and ponies inventory ..... farms number	36 335	75 693	77 342	61 210	66 292	114 744
Horses and ponies sold ..... farms number	4 (D)	15 68	12 26	17 27	15 19	4 10
Goats, All inventory ..... farms number	6 (D)	18 982	36 637	28 297	44 297	46 642
Goats sold ..... farms number	2 (D)	13 846	14 252	13 160	24 387	16 104
<b>POULTRY</b>						
Layers 20 weeks old and older inventory ..... farms number	9 (D)	12 302	23 622	23 778	15 230	31 522
Farms with-						
1 to 399 .....	8	12	23	23	15	31
400 to 3,199 .....	1	-	-	-	-	-
3,200 to 9,999 .....	-	-	-	-	-	-
10,000 to 19,999 .....	-	-	-	-	-	-
20,000 to 49,999 .....	-	-	-	-	-	-
50,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Pullets for laying flock replacement inventory ..... farms number	-	2 (D)	7 181	2 (D)	3 90	7 124
Layers and pullets sold (see text) ..... farms number	-	1 (D)	6 78	1 (D)	1 (D)	5 47
Broilers and other meat-type chickens sold ..... farms number	-	1 (D)	3 (D)	2 (D)	3 230	4 88
Farms with-						
1 to 1,999 .....	-	1	3	2	3	4
2,000 to 59,999 .....	-	-	-	-	-	-
60,000 to 99,999 .....	-	-	-	-	-	-
100,000 or more .....	-	-	-	-	-	-
Turkeys inventory ..... farms number	-	1 (D)	1 (D)	2 (D)	1 (D)	1 (D)

See footnote(s) at end of table.

--continued

**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>POULTRY - Con.</b>						
Turkeys sold .....	farms number	1 (D)	-	-	-	-
<b>CROPS HARVESTED</b>						
Corn for grain .....	farms acres bushels	12 4,383 203,397	6 3,288 151,517	2 (D) (D)	-	-
Irrigated .....	farms acres	12 4,383	6 3,288	2 (D)	-	-
Farms by acres harvested:						
1 to 24 acres .....		2	-	-	-	1
25 to 99 acres .....		2	-	-	-	-
100 to 249 acres .....		2	2	-	-	-
250 to 499 acres .....		3	2	1	-	-
500 acres or more .....		3	2	-	-	1
Corn for silage or greenchop .....	farms acres tons	2 (D) (D)	1 (D) (D)	-	-	1 (D)
Irrigated .....	farms acres	2 (D)	1 (D)	-	-	1 (D)
Farms by acres harvested:						
1 to 24 acres .....		-	-	-	-	-
25 to 99 acres .....		-	-	-	-	-
100 to 249 acres .....		1	1	-	-	1
250 to 499 acres .....		1	-	-	-	-
500 acres or more .....		-	-	-	-	-
Soybeans for beans .....	farms acres bushels	1 (D) (D)	1 (D) (D)	-	-	-
Irrigated .....	farms acres	1 (D)	1 (D)	-	-	-
Farms by acres harvested:						
1 to 24 acres .....		1	1	-	-	-
25 to 99 acres .....		-	-	-	-	-
100 to 249 acres .....		-	-	-	-	-
250 to 499 acres .....		-	-	-	-	-
500 acres or more .....		-	-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	-	-	-	-
Irrigated .....	farms acres	1 (D)	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres .....		11	-	-	-	1
5.0 to 24.9 acres .....		-	-	-	-	-
25.0 to 99.9 acres .....		-	-	-	-	-
100.0 to 249.9 acres .....		-	-	-	-	-
250.0 acres or more .....		-	-	-	-	-
Sweet potatoes .....	farms acres cwt	59 294 16,357	-	-	-	-
Irrigated .....	farms acres	16 165	-	-	-	-
Sugarcane for sugar .....	farms acres tons	2 (D) (D)	2 (D) (D)	-	-	-
Irrigated .....	farms acres	2 (D)	2 (D)	-	-	-
Pineapples harvested .....	farms acres tons	34 10,211 314,626	4 10,139 314,062	-	-	-
Irrigated .....	farms acres	12 9,759	3 9,711	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	2 (D) (D)	1 (D)	-	-
Irrigated .....	farms acres	7 243	2 (D)	1 (D)	-	-
Farms by acres harvested:						
1 to 24 acres .....		5	-	-	-	-
25 to 99 acres .....		5	1	-	-	1
100 to 249 acres .....		3	1	-	-	-
250 to 499 acres .....		1	-	1	-	-
500 acres or more .....		-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	2 (D) (D)	-	-	-	-
Irrigated .....	farms acres	2 (D)	-	-	-	-
Other tame hay .....	farms acres tons, dry	7 (D) (D)	-	1 (D)	-	1 (D)
Irrigated .....	farms acres	2 (D)	-	1 (D)	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>POULTRY - Con.</b>						
Turkeys sold .....	farms number	-	-	-	-	(D)
<b>CROPS HARVESTED</b>						
Corn for grain .....	farms acres bushels	-	-	-	(D)	(D)
Irrigated .....	farms acres	-	-	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	1	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Corn for silage or greenchop .....	farms acres tons	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Potatoes .....	farms acres cwt	-	-	4	3	3
Irrigated .....	farms acres	-	-	(D)	(D)	-
Farms by acres harvested:						
0.1 to 4.9 acres .....	-	-	-	4	3	3
5.0 to 24.9 acres .....	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	4 10 170	14 115 2,793	11 24 2,251	5 7 642	9 7 428
Irrigated .....	farms acres	(D)	(D)	(D)	(D)	(D)
Sugarcane for sugar .....	farms acres tons	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Pineapples harvested .....	farms acres tons	4 4 11	5 19 (D)	3 (D)	2 (D)	9 7 (D)
Irrigated .....	farms acres	-	(D)	(D)	-	(D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	-	(D)	(D)	(D)	(D)
Irrigated .....	farms acres	-	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	1	2	1
25 to 99 acres .....	-	-	1	-	-	2
100 to 249 acres .....	-	-	-	1	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	-	1 (D)	1 (D)	-	-
Irrigated .....	farms acres	-	(D)	(D)	-	-
Other tame hay .....	farms acres tons, dry	-	-	1 (D)	-	(D)
Irrigated .....	farms acres	-	-	-	-	(D)

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .....	farms acres	633 5,824	8 2,789	14 407	18 503	42 570
Irrigated .....	farms acres	417 5,038	8 2,789	11 335	15 301	37 460
Farms by acres harvested:						
0.1 to 4.9 acres .....		473	-	3	2	9
5.0 to 24.9 acres .....		125	-	4	8	25
25.0 to 99.9 acres .....		30	4	7	7	8
100.0 to 249.9 acres .....		3	1	-	1	-
250.0 acres or more .....		2	2	-	-	-
Snap beans harvested for sale .....	farms acres	129 208	2 (D)	1 (D)	2 (D)	1 (D)
Harvested for processing .....	farms acres	-	-	-	-	-
Sweet corn harvested for sale .....	farms acres	80 503	2 (D)	- (D)	2 (D)	4 113
Harvested for processing .....	farms acres	-	-	-	-	-
Tomatoes harvested for sale .....	farms acres	72 664	2 (D)	2 (D)	3 (D)	4 16
Harvested for processing .....	farms acres	-	-	-	-	-
All land in orchards .....	farms acres	2,833 34,908	14 17,341	14 1,039	23 2,088	65 1,695
Irrigated .....	farms acres	810 12,090	9 8,857	7 182	6 295	24 497
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....		1,944	-	3	4	17
5.0 to 24.9 acres .....		760	1	1	6	16
25.0 to 99.9 acres .....		99	1	6	7	30
100.0 to 249.9 acres .....		20	3	4	5	2
250.0 acres or more .....		10	9	-	1	-
Apples .....	Bearing and nonbearing farms (D)	2 -	-	-	-	-
Grapes .....	Bearing and nonbearing farms 41	6 -	-	-	-	-
Citrus fruit, All .....	Bearing and nonbearing farms (D)	474 641	1 (D)	1 (D)	2 (D)	6 (D)
Land in berries harvested for sale (see text) .....	farms acres	3 11	-	-	-	1 (D)
Irrigated .....	farms acres	1 (D)	-	-	-	-

See footnote(s) at end of table.

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**Table 56. Summary by Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .....	farms acres	105 533	157 313	99 122	71 56	36 18
Irrigated .....	farms acres	77 421	113 224	53 76	35 31	24 13
Farms by acres harvested:						
0.1 to 4.9 acres .....		69	140	95	70	36
5.0 to 24.9 acres .....		35	17	4	1	-
25.0 to 99.9 acres .....		-	-	-	-	-
100.0 to 249.9 acres .....		1	-	-	-	-
250.0 acres or more .....		-	-	-	-	-
Snap beans harvested for sale .....	farms acres	17 29	30 18	27 15	19 6	11 2
Harvested for processing .....	farms acres	-	-	-	-	-
Sweet corn harvested for sale .....	farms acres	11 116	20 23	9 (D)	6 1	10 3
Harvested for processing .....	farms acres	-	-	-	-	-
Tomatoes harvested for sale .....	farms acres	12 20	19 11	12 3	6 1	2 (D)
Harvested for processing .....	farms acres	-	-	-	-	-
All land in orchards .....	farms acres	232 2,325	573 3,230	574 2,011	438 1,055	434 939
Irrigated .....	farms acres	68 303	164 534	150 348	119 183	122 152
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....		67	300	446	386	387
5.0 to 24.9 acres .....		148	262	121	51	46
25.0 to 99.9 acres .....		17	10	7	1	1
100.0 to 249.9 acres .....		-	1	-	-	-
250.0 acres or more .....		-	-	-	-	-
Apples .....	farms Bearing and nonbearing acres	1 (D)	1 (D)	-	-	-
Grapes .....	farms Bearing and nonbearing acres	1 (D)	1 (D)	3 4	-	1 (D)
Citrus fruit, All .....	farms Bearing and nonbearing acres	27 20	76 (D)	86 (D)	92 70	72 71
Land in berries harvested for sale (see text) .....	farms acres	2 (D)	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>F FARMS AND LAND IN FARMS</b>						
Farms .....	number 1,300,499 percent 241	5,398 100.0 71 1.3	394,582 5,557	62 1,1 132,128 2,131	105 19 285,184 2,716	250 46 226,072 904
Land in farms .....	acres acres					
Average size of farm .....						
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	farms \$1,000 Average per farm dollars	5,398 534,309 98,383	71 351,632 4,952,561	62 42,971 693,085	105 36,855 350,999	250 37,701 150,806
Farms by economic class:						
Less than \$1,000 (see text) .....		658	-	-	-	-
\$1,000 to \$2,499 .....		744	-	-	-	-
\$2,500 to \$4,999 .....		715	-	-	-	-
\$5,000 to \$9,999 .....		914	-	-	-	-
\$10,000 to \$24,999 .....		1,060	-	-	-	-
\$25,000 to \$49,999 .....		506	-	-	-	-
\$50,000 to \$99,999 .....		313	-	-	-	-
\$100,000 to \$249,999 .....		250	-	-	-	250
\$250,000 to \$499,999 .....		105	-	-	105	-
\$500,000 to \$999,999 .....		62	-	62	-	-
\$1,000,000 or more .....		71	71	-	-	-
\$1,000,000 to \$2,499,999 .....		43	43	-	-	-
\$2,500,000 to \$4,999,999 .....		15	15	-	-	-
\$5,000,000 or more .....		13	13	-	-	-
Total sales (see text) .....	farms \$1,000	5,398 533,423	71 351,486	62 (D)	105 36,677	250 37,528
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13 14,647	6 13,280	2 (D)	-	-
Sales of \$50,000 or more .....	farms \$1,000	9 14,605	6 13,280	2 (D)	-	-
Tobacco .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes' .....	farms \$1,000	666 54,554	8 27,089	14 6,659	19 5,676	43 5,572
Sales of \$50,000 or more .....	farms \$1,000	123 48,003	7 (D)	13 (D)	18 (D)	39 5,476
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	17 138,727	13 5,111	23 5,006	62 6,701
Sales of \$50,000 or more .....	farms \$1,000	162 160,178	17 138,727	9 5,027	16 4,902	113 5,637
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	26 38,325	29 18,182	48 16,269	127 17,475
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	26 38,325	27 (D)	46 (D)	122 17,371
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	-	-	1 (D)	-
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-	1 (D)	-
Other crops and hay (see text) .....	farms \$1,000	271 86,061	7 (D)	2 (D)	7 1,348	26 1,333
Sales of \$50,000 or more .....	farms \$1,000	33 83,840	6 (D)	1 (D)	4 1,306	118 1,188
Cattle and calves .....	farms \$1,000	550 30,719	11 15,001	6 3,871	12 3,210	30 3,659
Sales of \$50,000 or more .....	farms \$1,000	69 26,912	7 14,907	6 3,871	9 3,158	31 3,591
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	7 (D)	-	-	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	-	-	-	1 (D)
Hogs and pigs .....	farms \$1,000	158 4,612	-	3 (D)	3 (D)	11 564
Sales of \$50,000 or more .....	farms \$1,000	62 (D)	-	2 (D)	2 (D)	8 (D)
Sheep, goats, and their products .....	farms \$1,000	145 1,081	1 (D)	-	4 (D)	6 (D)
Sales of \$50,000 or more .....	farms \$1,000	3 780	1 (D)	-	2 (D)	13 -
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	2 (D)	2 (D)	1 (D)	5 42
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	3 -
Poultry and eggs .....	farms \$1,000	110 12,545	2 (D)	6 4,826	5 1,464	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	2 (D)	6 4,826	5 1,464	4 (D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>F FARMS AND LAND IN FARMS</b>						
Farms .....	number percent	506 9.4	1,060 19.6	914 16.9	715 13.2	744 13.8
Land in farms .....	acres	70,668 140	56,046 53	(D) (D)	15,011 21	11,587 16
Average size of farm .....	acres					
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	farms \$1,000	506 17,633	1,060 16,460	914 6,345	715 2,553	744 1,203
Average per farm .....	dollars	34,848	15,528	6,942	3,570	1,618
Farms by economic class:						
Less than \$1,000 (see text) .....		-	-	-	-	658
\$1,000 to \$2,499 .....		-	-	-	-	744
\$2,500 to \$4,999 .....		-	-	-	715	-
\$5,000 to \$9,999 .....		-	-	914	-	-
\$10,000 to \$24,999 .....		-	1,060	-	-	-
\$25,000 to \$49,999 .....		506	-	-	-	-
\$50,000 to \$99,999 .....		-	-	-	-	-
\$100,000 to \$249,999 .....		-	-	-	-	-
\$250,000 to \$499,999 .....		-	-	-	-	-
\$500,000 to \$999,999 .....		-	-	-	-	-
\$1,000,000 or more .....		-	-	-	-	-
\$1,000,000 to \$2,499,999 .....		-	-	-	-	-
\$2,500,000 to \$4,999,999 .....		-	-	-	-	-
\$5,000,000 or more .....		-	-	-	-	-
Total sales (see text) .....	farms \$1,000	506 17,588	1,060 16,394	914 (D)	715 2,547	744 1,201
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	-	-	-	1 (D)	1 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Tobacco .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes' .....	farms \$1,000	107 3,014	162 2,144	104 611	77 245	47 69
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Fruits, tree nuts, and berries .....	farms \$1,000	226 5,966	561 6,891	553 3,362	419 1,332	424 653
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	182 5,754	345 4,817	203 1,186	147 463	108 167
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	2 (D)	-	6 (D)	1 (D)	4 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Other crops and hay (see text) .....	farms \$1,000	33 670	56 719	47 233	29 92	44 62
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Cattle and calves .....	farms \$1,000	46 1,160	93 1,193	108 588	81 247	95 141
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Milk and other dairy products from cows .....	farms \$1,000	-	-	1 (D)	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Hogs and pigs .....	farms \$1,000	20 (D)	26 242	29 122	15 32	21 25
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Sheep, goats, and their products .....	farms \$1,000	8 107	19 61	19 29	19 18	31 28
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	4 (D)	16 (D)	12 53	18 52	15 20
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-
Poultry and eggs .....	farms \$1,000	4 (D)	8 (D)	21 43	16 29	20 13
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con. Total sales (see text) - Con.						
Aquaculture (see text) ....	farms \$1,000	14,005 67	10,552 6	(D) 2	(D) 7	(D) 4
Sales of \$50,000 or more ....	farms \$1,000	13,693 21	10,552 6	(D) 2	(D) 6	(D) 4
Other animals and other animal products (see text) ....	farms \$1,000	2,940 8	(D) 1	(D) 2	(D) 1	(D) 3
Sales of \$50,000 or more ....	farms \$1,000	2,707	(D)	(D)	(D)	(D)
Government payments ....	farms \$1,000	113 886	145 5	(D) 6	178 7	174 15
Value of - Certified organically produced commodities (see text) ....	farms \$1,000	4,801 140	(D) 2	(D) 3	-	777 8
Landlord's share of total sales (see text) ....	farms \$1,000	1,093 157	(D) 2	(D) 3	(D) 7	13 73
Agricultural products sold directly to individuals for human consumption (see text) ....	farms \$1,000	7,089 796	1,466 7	433 7	420 12	676 21
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses ....	farms \$1,000	450,946 82,925	291,650 4,107,752	34,086 549,774	27,243 259,455	28,080 121,035
Average per farm ....	dollars					
Fertilizer, lime, and soil conditioners purchased ....	farms \$1,000	4,326 17,791	11,264 53	935 51	931 85	995 186
Farms with expenses of- \$1 to \$4,999		4,115	3	15	33	125
\$5,000 to \$24,999		245	13	23	43	57
\$25,000 to \$49,999		25	10	8	6	1
\$50,000 or more		41	27	5	3	3
Chemicals purchased ....	farms \$1,000	3,627 16,134	10,984 59	817 52	617 87	814 184
Farms with expenses of- \$1 to \$4,999		3,309	5	15	41	131
\$5,000 to \$24,999		266	19	26	44	51
\$25,000 to \$49,999		22	11	7	2	1
\$50,000 or more		30	24	4	-	1
Seeds, plants, vines, and trees ....	farms \$1,000	1,887 11,188	5,009 34	1,589 34	1,938 67	1,007 93
Farms with expenses of- \$1 to \$999		1,318	1	1	14	17
\$1,000 to \$4,999		344	2	3	5	33
\$5,000 to \$24,999		163	10	19	31	30
\$25,000 to \$49,999		15	3	-	3	9
\$50,000 or more		47	18	11	14	4
Livestock and poultry purchased ....	farms \$1,000	329 6,025	2,218 14	982 12	1,010 17	1,089 38
Farms with expenses of- \$1 to \$4,999		244	-	2	3	17
\$5,000 to \$24,999		39	3	4	5	10
\$25,000 to \$99,999		34	6	1	7	11
\$100,000 to \$249,999		6	1	5	-	-
\$250,000 or more		6	4	-	2	-
Breeding livestock purchased (see text) ....	farms \$1,000	179 873	336 (D)	(D) 3	122 7	(D) 21
Other livestock and poultry purchased ....	farms \$1,000	193 5,152	1,882 (D)	(D) 9	888 14	(D) 19
Feed purchased ....	farms \$1,000	1,267 27,997	17,014 18	3,540 12	1,528 24	1,341 71
Farms with expenses of- \$1 to \$4,999		955	1	1	5	41
\$5,000 to \$24,999		220	-	1	8	12
\$25,000 to \$99,999		58	1	1	5	15
\$100,000 to \$249,999		9	1	-	5	3
\$250,000 or more		25	15	9	1	-
Gasoline, fuels, and oils ....	farms \$1,000	4,721 14,458	7,311 71	816 60	882 103	1,067 229
Farms with expenses of- \$1 to \$4,999		4,387	7	11	47	148
\$5,000 to \$24,999		282	30	40	49	80
\$25,000 to \$49,999		24	9	7	7	1
\$50,000 or more		28	25	2	-	1

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con. Total sales (see text) - Con.						
Aquaculture (see text) .... farms Sales of \$50,000 or more .... farms Other animals and other animal products (see text) .... farms Sales of \$50,000 or more .... farms	\$1,000 171 5 \$1,000 - - \$1,000 42 6 \$1,000 - -	12 71 - - 12 80 - -	9 38 - - 13 49 - -	7 (D) - - 7 16 - -	8 12 - - 5 6 - -	3 1 - - 5 (Z) - -
Government payments .... farms Value of - Certified organically produced commodities (see text) .... farms Landlord's share of total sales (see text) .... farms Agricultural products sold directly to individuals for human consumption (see text) .... farms	\$1,000 45 15 \$1,000 259 14 \$1,000 135 28 \$1,000 1,017 74	25 66 365 133 1,007	12 (D) 17 70 19 25 150 438	8 6 22 58 8 7 108 227	4 2 25 35 4 (D) 120 141	5 1 12 6 4 (Z) 94 40
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses .... farms Average per farm .... dollars	\$1,000 11,985 \$1,000 23,592	1,066 13,995 13,129	1,022 9,055 8,860	611 2,574 4,212	704 4,145 5,888	713 7,185 10,077
Fertilizer, lime, and soil conditioners purchased .... farms Farms with expenses of- \$1 to \$4,999 ..... 413 \$5,000 to \$24,999 ..... 25 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	\$1,000 727 438 \$1,000 727 413 \$1,000 25 1 \$1,000 - -	913 812	876 440	530 186	466 138	406 149
Chemicals purchased .... farms Farms with expenses of- \$1 to \$4,999 ..... 405 \$5,000 to \$24,999 ..... 31 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	\$1,000 597 436 \$1,000 597 405 \$1,000 31 15 \$1,000 - -	803 610	635 287	388 144	329 57	331 151
Seeds, plants, vines, and trees .... farms Farms with expenses of- \$1 to \$4,999 ..... 109 \$5,000 to \$24,999 ..... 61 \$25,000 to \$49,999 ..... 23 \$50,000 or more ..... -	\$1,000 479 193 \$1,000 479 109 \$1,000 61 344 \$1,000 23 1	460 326	327 153	208 86	123 21	179 143
Livestock and poultry purchased .... farms Farms with expenses of- \$1 to \$4,999 ..... 11 \$5,000 to \$24,999 ..... 10 \$25,000 to \$99,999 ..... - \$100,000 to \$249,999 ..... - \$250,000 or more ..... -	\$1,000 21 (D) \$1,000 21 (D) \$1,000 11 55 \$1,000 10 55 \$1,000 - -	55 107	30 46	35 28	36 33	39 (D)
Breeding livestock purchased (see text) .... farms Other livestock and poultry purchased .... farms	\$1,000 11 39 \$1,000 19 (D)	39 24	12 18	12 (D) 23 (D)	14 22	24 (D)
Feed purchased .... farms Farms with expenses of- \$1 to \$4,999 ..... 47 \$5,000 to \$24,999 ..... 28 \$25,000 to \$99,999 ..... 8 \$100,000 to \$249,999 ..... - \$250,000 or more ..... -	\$1,000 83 (D) \$1,000 83 (D) \$1,000 47 179 \$1,000 28 105 \$1,000 8 54	1,566	207 156 51	102 92 10	218 197 21	307 274 27 6
Gasoline, fuels, and oils .... farms Farms with expenses of- \$1 to \$4,999 ..... 476 \$5,000 to \$24,999 ..... 10 \$25,000 to \$49,999 ..... - \$50,000 or more ..... -	\$1,000 486 660 \$1,000 476 10 \$1,000 992 1	993 962	901 921	440 440	575 575	529 518 11 -

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) .......	farms \$1,000	2,912 19,474	67 13,111	59 1,090	96 1,031	189 1,356
Farms with expenses of-						
\$1 to \$999 .....		1,667	1	-	5	29
\$1,000 to \$4,999 .....		919	3	9	30	62
\$5,000 to \$24,999 .....		250	19	37	50	93
\$25,000 to \$49,999 .....		37	12	9	9	45
\$50,000 or more .....		39	32	4	2	5
Supplies, repairs, and maintenance .....	farms \$1,000	4,626 50,411	71 33,335	60 2,251	104 2,315	214 2,176
Farms with expenses of-						
\$1 to \$4,999 .....		3,835	-	6	20	86
\$5,000 to \$24,999 .....		588	7	25	48	112
\$25,000 to \$49,999 .....		90	9	11	19	12
\$50,000 or more .....		113	55	18	17	4
Hired farm labor .....	farms \$1,000	1,527 177,692	71 128,212	61 14,944	90 10,449	188 11,089
Farms with expenses of-						
\$1 to \$4,999 .....		695	1	-	1	21
\$5,000 to \$24,999 .....		387	-	-	11	34
\$25,000 to \$99,999 .....		229	1	8	35	93
\$100,000 to \$249,999 .....		120	12	28	34	39
\$250,000 or more .....		96	57	25	9	1
Contract labor .....	farms \$1,000	824 7,159	16 1,321	9 598	23 711	26 812
Farms with expenses of-						
\$1 to \$999 .....		209	-	1	-	3
\$1,000 to \$4,999 .....		320	1	-	5	3
\$5,000 to \$24,999 .....		235	4	2	10	16
\$25,000 to \$49,999 .....		36	4	2	3	6
\$50,000 or more .....		24	7	4	5	7
Customwork and custom hauling .....	farms \$1,000	282 9,232	21 8,073	9 370	13 204	38 316
Farms with expenses of-						
\$1 to \$999 .....		130	-	-	-	12
\$1,000 to \$4,999 .....		94	2	2	4	13
\$5,000 to \$24,999 .....		34	5	2	6	11
\$25,000 to \$49,999 .....		6	1	1	3	-
\$50,000 or more .....		18	13	4	-	1
Cash rent for land, buildings, and grazing fees .....	farms \$1,000	1,655 19,723	55 11,062	37 1,143	53 1,296	111 1,642
Farms with expenses of-						
\$1 to \$4,999 .....		1,249	6	8	18	42
\$5,000 to \$9,999 .....		156	2	6	6	35
\$10,000 to \$24,999 .....		149	5	2	16	11
\$25,000 or more .....		101	39	16	13	23
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....	farms \$1,000	343 3,066	34 1,772	14 170	13 (D)	18 141
Farms with expenses of-						
\$1 to \$999 .....		113	1	1	2	-
\$1,000 to \$4,999 .....		135	7	6	1	9
\$5,000 to \$24,999 .....		74	13	4	9	4
\$25,000 to \$49,999 .....		11	6	3	2	12
\$50,000 or more .....		10	7	-	1	2
Interest expense .....	farms \$1,000	955 8,633	43 2,545	28 454	45 (D)	83 814
Farms with expenses of-						
\$1 to \$4,999 .....		540	9	11	18	44
\$5,000 to \$24,999 .....		369	9	12	21	31
\$25,000 to \$99,999 .....		36	16	4	6	8
\$100,000 or more .....		10	9	1	-	-
Secured by real estate .....	farms \$1,000	611 6,114	20 1,383	15 319	20 285	49 544
Farms with expenses of-						
\$1 to \$999 .....		96	1	1	3	14
\$1,000 to \$4,999 .....		180	2	2	9	9
\$5,000 to \$24,999 .....		311	4	2	12	24
\$25,000 to \$49,999 .....		10	3	2	3	25
\$50,000 or more .....		14	10	1	-	-
Not secured by real estate .....	farms \$1,000	430 2,519	30 1,162	19 136	30 (D)	43 270
Farms with expenses of-						
\$1 to \$999 .....		173	2	2	1	8
\$1,000 to \$4,999 .....		168	7	9	15	22
\$5,000 to \$24,999 .....		68	8	1	11	16
\$25,000 to \$49,999 .....		13	7	1	12	21
\$50,000 or more .....		8	6	-	1	1
Property taxes paid .....	farms \$1,000	4,195 6,463	56 1,409	48 254	79 485	187 581
Farms with expenses of-						
\$1 to \$4,999 .....		4,009	26	31	52	159
\$5,000 to \$9,999 .....		106	7	8	15	17
\$10,000 to \$24,999 .....		53	13	8	9	8
\$25,000 or more .....		27	10	1	3	2

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) .... farms	352 \$1,000	601 524	530 426	165 134	257 146	307 251
Farms with expenses of-						
\$1 to \$999	179	379	405	129	218	229
\$1,000 to \$4,999	171	221	125	36	39	74
\$5,000 to \$24,999	2	1	-	-	-	3
\$25,000 to \$49,999	-	-	-	-	-	1
\$50,000 or more	-	-	-	-	-	-
Supplies, repairs, and maintenance .... farms	481 \$1,000	961 1,904	910 1,954	412 358	543 722	526 1,009
Farms with expenses of-						
\$1 to \$4,999	374	895	834	402	504	465
\$5,000 to \$24,999	92	55	58	10	39	52
\$25,000 to \$49,999	7	4	18	-	-	8
\$50,000 or more	8	7	-	-	-	1
Hired farm labor .... farms	202 \$1,000	291 2,223	183 1,072	77 220	100 410	101 1,264
Farms with expenses of-						
\$1 to \$4,999	112	174	121	66	84	81
\$5,000 to \$24,999	82	108	51	9	14	9
\$25,000 to \$49,999	6	9	11	2	1	9
\$50,000 to \$249,999	1	-	-	-	1	1
\$250,000 or more	1	-	-	-	-	1
Contract labor .... farms	136 \$1,000	201 1,374	179 434	67 85	87 126	45 193
Farms with expenses of-						
\$1 to \$999	21	7	77	37	55	8
\$1,000 to \$4,999	20	145	74	29	22	16
\$5,000 to \$24,999	88	48	28	1	10	21
\$25,000 to \$49,999	7	1	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Customwork and custom hauling .... farms	21 (\$D)	56 55	40 11	9 (\$D)	20 2	42 122
Farms with expenses of-						
\$1 to \$999	1	36	39	9	20	9
\$1,000 to \$4,999	20	20	1	-	-	25
\$5,000 to \$24,999	-	-	-	-	-	8
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Cash rent for land, buildings, and grazing fees .... farms	194 \$1,000	297 659	316 667	131 156	125 156	140 348
Farms with expenses of-						
\$1 to \$4,999	159	245	294	130	97	119
\$5,000 to \$9,999	12	39	1	-	27	9
\$10,000 to \$24,999	23	11	21	-	1	12
\$25,000 or more	-	2	-	1	-	-
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms	32 (\$D)	81 110	57 102	20 22	25 31	26 61
Farms with expenses of-						
\$1 to \$999	16	50	19	9	6	7
\$1,000 to \$4,999	8	24	29	11	19	11
\$5,000 to \$24,999	8	7	9	-	-	8
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Interest expense .... farms	98 \$1,000	179 322	136 756	46 788	89 375	91 783
Farms with expenses of-						
\$1 to \$4,999	75	122	80	10	44	57
\$5,000 to \$24,999	23	57	56	36	45	33
\$25,000 to \$99,999	-	-	-	-	-	1
\$100,000 or more	-	-	-	-	-	-
Secured by real estate .... farms	62 \$1,000	109 208	111 650	36 739	64 372	65 757
Farms with expenses of-						
\$1 to \$999	24	8	11	-	6	17
\$1,000 to \$4,999	26	44	44	-	13	14
\$5,000 to \$24,999	12	57	56	36	45	33
\$25,000 to \$49,999	-	-	-	-	-	1
\$50,000 or more	-	-	-	-	-	-
Not secured by real estate .... farms	37 \$1,000	101 114	25 50	10 3	26 28	52 (\$D)
Farms with expenses of-						
\$1 to \$999	16	61	9	10	18	27
\$1,000 to \$4,999	10	40	16	-	8	25
\$5,000 to \$24,999	11	-	-	-	-	-
\$25,000 to \$49,999	-	-	-	-	-	-
\$50,000 or more	-	-	-	-	-	-
Property taxes paid .... farms	400 \$1,000	823 378	785 565	434 682	538 266	567 514
Farms with expenses of-						
\$1 to \$4,999	399	822	753	432	520	550
\$5,000 to \$9,999	1	1	31	2	17	-
\$10,000 to \$24,999	-	-	1	-	-	10
\$25,000 or more	-	-	-	-	-	7

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) ....	farms \$1,000	2,389 55,499	65 37,012	51 4,135	79 3,113	177 2,839
Farms with expenses of-						
\$1 to \$4,999 .....		1,803	2	5	7	75
\$5,000 to \$24,999 .....		394	3	9	36	70
\$25,000 to \$49,999 .....		56	4	10	13	13
\$50,000 to \$99,999 .....		68	10	12	19	17
\$100,000 or more .....		68	46	15	4	2
Production expenses paid by landlords <sup>3</sup> .....	farms \$1,000	216 1,170	(D)	3 243	7 131	22 212
Depreciation expenses claimed (see text) .....	farms \$1,000	1,709 34,498	59 23,177	49 2,210	66 1,595	121 2,388
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operators (see text) ....	farms \$1,000	5,438 98,445	71 63,702	62 10,669	105 10,986	232 8,820
Average per farm .....	dollars	18,048	897,213	172,077	104,629	38,016
Farms with net gains <sup>4</sup> ....	number	3,278	57	53	88	295
Average net gain .....	dollars	41,991	1,221,917	226,301	144,192	69,114
Gain of-						
Less than \$1,000 .....		400	-	-	-	1
\$1,000 to \$4,999 .....		1,022	-	-	1	2
\$5,000 to \$9,999 .....		575	-	1	1	12
\$10,000 to \$24,999 .....		587	1	1	2	23
\$25,000 to \$49,999 .....		311	2	4	16	37
\$50,000 or more .....		383	54	47	68	124
Farms with net losses .....	number	2,160	14	9	17	53
Average net loss .....	dollars	18,287	424,797	147,244	100,167	67,013
Loss of-						
Less than \$1,000 .....		370	-	-	-	1
\$1,000 to \$4,999 .....		752	-	1	-	2
\$5,000 to \$9,999 .....		329	-	-	3	10
\$10,000 to \$24,999 .....		404	2	1	2	16
\$25,000 to \$49,999 .....		159	-	-	2	11
\$50,000 or more .....		146	12	7	10	23
Net cash farm income of operators (see text) ....	farms \$1,000	5,438 98,563	71 63,677	62 10,708	105 10,489	232 9,851
Average per farm .....	dollars	18,125	896,854	172,716	99,900	42,460
Operators reporting net gains <sup>4</sup> ....	farms	3,283	57	52	86	295
Average net gain .....	dollars	42,210	1,223,915	229,861	146,820	74,663
Gain of-						
Less than \$1,000 .....		372	-	-	-	1
\$1,000 to \$4,999 .....		1,046	-	-	1	2
\$5,000 to \$9,999 .....		594	-	1	1	12
\$10,000 to \$24,999 .....		580	1	1	2	23
\$25,000 to \$49,999 .....		304	2	4	15	45
\$50,000 or more .....		387	54	46	67	116
Operators reporting net losses .....	farms	2,155	14	10	19	53
Average net loss .....	dollars	18,567	434,748	124,434	112,474	66,300
Loss of-						
Less than \$1,000 .....		374	-	-	-	1
\$1,000 to \$4,999 .....		739	-	1	-	2
\$5,000 to \$9,999 .....		331	-	-	4	3
\$10,000 to \$24,999 .....		402	2	1	1	10
\$25,000 to \$49,999 .....		161	-	1	2	15
\$50,000 or more .....		148	12	7	12	12
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total .....	farms \$1,000	1	(D)	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) ....	farms \$1,000	449 19,237	21 3,721	12 1,783	20 1,486	31 1,348
Customwork and other agricultural services .....	farms \$1,000	181 7,448	8 463	2 (D)	8 (D)	12 (D)
Gross cash rent or share payments .....	farms \$1,000	103 3,482	8 1,376	4 (D)	5 (D)	10 168
Sales of forest products, excluding Christmas trees and maple products .....	farms \$1,000	21 243	1 (D)	3 (D)	1 (D)	3 (D)
Recreational services (see text) .....	farms \$1,000	24 1,607	3 192	3 (D)	1 (D)	4 121

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) .... farms \$1,000	329 1,321	511 1,434	357 328	147 108	225 229	211 646
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 to \$99,999 ..... \$100,000 or more .....	255 66 7 1 -	462 40 - 9 -	351 6 - - -	147 - - - -	208 17 - - -	176 27 8 - -
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	30 156	8 (D)	30 92	46 140	43 53	24 17
Depreciation expenses claimed (see text) .... farms \$1,000	191 708	341 977	238 572	126 201	152 209	162 251
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operators (see text) .... farms \$1,000	508 6,122 12,050	1,066 2,994 2,809	1,022 -1,690 -1,654	611 -188 -308	704 -3,040 -4,318	713 -6,835 -9,586
Average per farm ..... dollars						
Farms with net gains <sup>4</sup> ..... number dollars	420 20,436	824 9,010	648 3,930	432 2,139	256 938	26 583
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	1 45 37 205 126 6	51 155 315 294 9 -	79 372 187 9 1 -	104 317 - 11 - -	137 119 - - - -	25 1 - - - -
Farms with net losses ..... number dollars	88 27,974	242 18,308	374 11,329	179 6,213	448 7,321	687 9,971
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	11 9 1 34 29 4	24 62 34 79 19 24	12 164 84 77 9 28	39 55 45 36 1 3	107 169 71 69 29 3	176 284 78 80 47 22
Net cash farm income of operators (see text) .... farms \$1,000	508 6,197 12,198	1,066 2,860 2,683	1,022 -1,609 -1,574	611 -60 -99	704 -2,987 -4,243	713 -6,818 -9,562
Average per farm ..... dollars						
Operators reporting net gains <sup>4</sup> ..... farms dollars	419 20,686	824 8,863	648 4,056	441 2,374	256 1,061	26 583
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- 45 38 203 127 6	51 163 314 287 9 -	79 352 207 9 1 -	93 337 - 11 - -	121 135 - - - -	25 1 - - - -
Operators reporting net losses ..... farms dollars	89 27,764	242 18,357	374 11,329	170 6,514	448 7,274	687 9,946
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	11 9 2 34 29 4	24 62 34 79 19 24	12 164 84 77 9 28	30 55 45 36 1 3	113 163 71 69 29 3	183 277 78 80 47 22
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total ..... farms \$1,000	-	1 (D)	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	57 1,229	103 2,651	45 853	42 259	30 265	52 739
Customwork and other agricultural services ..... farms \$1,000	25 158	45 295	19 195	23 98	10 122	11 34
Gross cash rent or share payments ..... farms \$1,000	6 136	19 (D)	14 157	5 58	13 100	16 (D)
Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000	4 26	2 (D)	- -	3 -	1 (D)	4 (D)
Recreational services (see text) ..... farms \$1,000	2 (D)	5 (D)	- -	- -	- (D)	3 (D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	40	(D)	4	(D)	4	(D)
Other farm-related income sources (see text) .... farms \$1,000	134	8	(D)	(D)	4	(D)
<b>LAND USE</b>						
Total cropland .... farms	4,755	56	51	91	219	285
Harvested cropland .... farms	211,120	(D)	(D)	39,961	11,915	11,957
Farms by acres harvested:						
1 to 49 acres ....	4,415	20	32	75	200	266
50 to 99 acres ....	49	7	11	4	9	4
100 to 199 acres ....	23	5	3	3	4	5
200 to 499 acres ....	15	6	4	3	-	1
500 to 999 acres ....	6	4	-	1	-	1
1,000 to 1,999 acres ....	5	5	-	-	-	-
2,000 acres or more ....	9	8	-	1	-	-
Cropland-						
For pasture or grazing only .... farms	451	-	3	7	15	22
On which all crops failed .... farms	36,540	-	(D)	(D)	3,587	5,161
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms	200	6	(D)	-	(D)	15
In cultivated summer fallow .... farms	1,407	335	(D)	-	(D)	(D)
Total woodland .... farms	308	5	2	9	9	13
Woodland pastured .... farms	117,685	(D)	(D)	(D)	(D)	(D)
Woodland not pastured .... farms	86	1	1	4	4	4
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms	41,467	(D)	(D)	24,321	(D)	35
Pastureland and other land .... farms	248	4	1	7	6	12
Land in house lots, ponds, roads, wasteland, etc. .... farms	76,218	(D)	(D)	(D)	(D)	(D)
Irrigated land .... farms	858	13	8	14	38	37
Harvested cropland .... farms	852,626	(D)	(D)	173,037	(D)	(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms	243	-	-	-	-	-
Land used to raise certified organically produced crops (see text) .... farms	126	(D)	(D)	-	7	6
Land enrolled in Federal or other crop insurance programs (see text) .... farms	780	24	10	21	24	15
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>						
Estimated market value of land and buildings .... farms	5,438	71	62	105	232	344
Average per farm .... dollars	4,583,552	807,616	247,627	323,500	537,129	322,350
Average per acre .... dollars	842,875	11,374,868	3,993,976	3,080,956	2,315,210	937,064
Farms by value group:						
\$1 to \$49,999 ....	563	5	2	2	13	7
\$50,000 to \$99,999 ....	556	-	1	1	4	29
\$100,000 to \$199,999 ....	839	1	3	7	12	34
\$200,000 to \$499,999 ....	1,643	8	10	20	53	93
\$500,000 to \$999,999 ....	1,000	5	16	22	49	88
\$1,000,000 to \$1,999,999 ....	442	14	10	24	30	70
\$2,000,000 to \$4,999,999 ....	279	17	12	18	48	8
\$5,000,000 to \$9,999,999 ....	67	10	4	4	8	14
\$10,000,000 or more ....	49	11	4	7	15	1

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	(D) <sup>7</sup>	(Z) <sup>4</sup>	5 <sup>1</sup>	(Z) <sup>4</sup>	(D) <sup>3</sup>	-
Other farm-related income sources (see text) .... farms \$1,000	21 <sup>907</sup>	29 <sup>1,045</sup>	10 <sup>501</sup>	9 <sup>100</sup>	5 <sup>19</sup>	22 <sup>605</sup>
<b>LAND USE</b>						
Total cropland .... farms	462	982	840	638	630	501
Harvested cropland .... farms	8,366	13,542	10,930	3,851	2,781	5,384
Farms by acres harvested:						
1 to 49 acres ....	445	948	805	614	597	413
50 to 99 acres ....	5	3	2	-	2	2
100 to 199 acres ....	1	1	1	-	-	-
200 to 499 acres ....	-	1	-	-	-	-
500 to 999 acres ....	-	-	-	-	-	-
1,000 to 1,999 acres ....	-	-	-	-	-	-
2,000 acres or more ....	-	-	-	-	-	-
Cropland-						
For pasture or grazing only .... farms	32	78	81	54	67	92
On which all crops failed .... farms	24	6,913 <sup>30</sup>	5,828 <sup>36</sup>	1,972 <sup>25</sup>	662 <sup>22</sup>	2,107 <sup>32</sup>
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms	82	1,421	2,085	359 <sup>4</sup>	434 <sup>2</sup>	1,022 <sup>2</sup>
In cultivated summer fallow .... farms	1,148 <sup>6</sup>	14 <sup>(D)</sup>	12 <sup>23</sup>	4 <sup>6</sup>	(D)	(D)
Total woodland .... farms	19	54	35	45	45	72
Woodland pastured .... farms	9	2,143	558	(D)	943	(D)
Woodland not pastured .... farms	(D)	16	8	10	13	16
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms	13	978	48	216	63	(D)
Land in house lots, ponds, roads, wasteland, etc. .... farms	55 <sup>(D)</sup>	42	30	36	36	61
Irrigated land .... farms	1,268	1,165	510	(D)	880	1,708
Harvested cropland .... farms	268 <sup>1,215</sup>	482 <sup>1,561</sup>	327 <sup>1,211</sup>	243 <sup>442</sup>	235 <sup>481</sup>	170 <sup>896</sup>
Pastureland and other land .... farms	1,141 <sup>9</sup>	1,395 <sup>16</sup>	317 <sup>723</sup>	239 <sup>407</sup>	231 <sup>421</sup>	144 <sup>283</sup>
CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms	(D) <sup>2</sup>	(D) <sup>1</sup>	(D) <sup>1</sup>	-	(D) <sup>1</sup>	-
Land used to raise certified organically produced crops (see text) .... farms	13 <sup>70</sup>	28 <sup>126</sup>	15 <sup>51</sup>	18 <sup>46</sup>	25 <sup>62</sup>	10 <sup>(D)</sup>
Land enrolled in Federal or other crop insurance programs (see text) .... farms	16 <sup>(D)</sup>	23 <sup>1,589</sup>	24 <sup>(D)</sup>	12 <sup>(D)</sup>	4 <sup>(D)</sup>	12 <sup>62</sup>
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>						
Estimated market value of land and buildings .... farms	508	1,066	1,022	611	704	713
Average per farm .... dollars	368,362 <sup>725,121</sup>	478,559 <sup>448,929</sup>	566,388 <sup>554,196</sup>	154,973 <sup>253,638</sup>	278,633 <sup>395,785</sup>	498,417 <sup>699,041</sup>
Average per acre .... dollars	4,695	10,060	19,935	12,224	35,718	14,148
Farms by value group:						
\$1 to \$49,999 ....	38	128	139	83	98	48
\$50,000 to \$99,999 ....	24	92	111	99	113	80
\$100,000 to \$199,999 ....	73	204	180	95	129	101
\$200,000 to \$499,999 ....	140	389	323	247	160	200
\$500,000 to \$999,999 ....	158	139	172	82	145	124
\$1,000,000 to \$1,999,999 ....	46	193	45	35	35	95
\$2,000,000 to \$4,999,999 ....	23	36	34	2	23	58
\$5,000,000 to \$9,999,999 ....	4	5	10	-	2	6
\$10,000,000 or more ....	2	-	8	-	-	1

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment	farms \$1,000 186,163	5,234 71 68,714	62 8,927	105 9,633	232 14,343	344 11,069
Farms by value group:						
\$1 to \$4,999	2,222	-	1	11	35	45
\$5,000 to \$9,999	883	-	2	1	11	45
\$10,000 to \$19,999	834	1	3	15	43	89
\$20,000 to \$49,999	739	7	8	29	73	94
\$50,000 to \$99,999	273	11	14	14	34	51
\$100,000 to \$199,999	149	15	18	19	16	18
\$200,000 to \$499,999	89	16	13	15	17	2
\$500,000 or more	45	21	3	1	3	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors	farms number 5,220	2,896 65 557	53 178 39	77 223 56	189 390 97	304 570 570
Less than 40 horsepower (PTO)	farms number 2,149 45	3,111 (D) 44	(D) 32 45	110 163 121	232 362 103	232 362 103
40 to 99 horsepower (PTO)	farms number 1,962 1,155	1,230 (D) 21	(D) 13 22	99 111 14	204 177 27	204 177 31
100 horsepower (PTO) or more	farms number 394	130	-	14	19 23	-
Grain and bean combines	farms number 6 8	3 5	-	-	-	2 (D)
Cotton pickers and strippers	farms number -	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number 4 4	(D) 2	-	(D) 1	-	1 (D)
Hay balers	farms number 14 16	(D) 1	-	(D) 1	-	-
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners	farms acres treated 127,996	4,042 53 78,292	50 79 2,780	13,693 7 213	165 7,697 14 77	291 5,767 27 403
Manure	farms acres treated 730 3,812	6 709	2 (D)	-	-	-
Acres treated with chemicals to control:						
Insects	farms acres 41,616	1,840 45 25,655	43 1,748 44	65 1,969 49	122 2,337 111	204 2,827 243
Weeds, grass, or brush	farms acres 101,258	2,820 49 64,243	44 11 2,369	3,684 14 10,310	24 20 10,310	6,146 20 6,146
Nematodes	farms acres 275	8,169 6,948 800	8 232 34	190 39 1,058	199 62 868	20 199 1,488
Diseases in crops and orchards	farms acres 30,824	24,350	30	-	-	-
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used 216 26,378	9 25,642	5 29	4 (D)	5 (D)	15 155
<b>TENURE</b>						
Full owners	farms farms 589	3,202 13 20	13 20	35 28	96 58	132 58
Part owners	farms farms 1,607	38	25	42	96	123
<b>OWNED AND RENTED LAND</b>						
Land owned	farms acres 700,691	3,801 33 256,391	37 37 62,400	63 63 182,212	155 154 90,055	190 190 7,311
Owned land in farms	farms acres 3,791 673,158	33 239,672	37 60,279	178,194	154 89,320	7,264
Land rented or leased from others	farms acres 654,426	2,205 58 180,054	45 72,124	71 107,024	154 136,803	181 39,865
Rented or leased land in farms	farms acres 2,196 627,341	58 154,910	45 71,849	70 106,990	154 136,752	181 (D)
Land rented or leased to others	farms acres 54,618	204 15 (D)	7 (D)	7 (D)	12 (D)	8 (D)
<b>NUMBER OF OPERATORS</b>						
Total operators	number 8,009	160	142	183	397	462
Farms by number of operators:						
1 operator	3,306	24	25	46	139	195
2 operators	1,767	23	29	44	86	94
3 operators	237	16	9	12	19	19
4 operators	45	3	3	2	3	3
5 or more operators	43	5	4	1	3	2
Total women operators	number 2,652	33	44	41	107	132
Farms by number of women operators:						
1 operator	2,273	20	21	33	90	115
2 operators	148	5	4	4	7	7
3 operators	16	1	1	-	1	1
4 operators	2	-	-	-	-	-
5 or more operators	3	-	1	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment	farms \$1,000 508 23,085		1,066 24,446	1,022 11,384	611 3,120	704 4,542
Farms by value group:						
\$1 to \$4,999	134	384	503	366	456	287
\$5,000 to \$9,999	118	164	222	154	115	51
\$10,000 to \$19,999	56	208	191	52	79	97
\$20,000 to \$49,999	109	229	67	38	45	40
\$50,000 to \$99,999	62	48	13	1	9	16
\$100,000 to \$199,999	14	6	26	-	-	17
\$200,000 to \$499,999	-	25	-	-	-	1
\$500,000 or more	15	2	-	-	-	-
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors	farms number 312 538		585 839	495 681	203 325	306 473
Less than 40 horsepower (PTO)	farms number 243 333		409 548	406 (D)	184 (D)	213 225
40 to 99 horsepower (PTO)	farms number 192 156		178 228	127 148	27 27	297 297
100 horsepower (PTO) or more	farms number 23 49		56 63	2 (D)	9 (D)	156 20
Grain and bean combines	farms number 1 (D)		-	-	-	-
Cotton pickers and strippers	farms number -		-	-	-	-
Forage harvesters, self-propelled (see text)	farms number -		-	-	-	-
Hay balers	farms number 2 (D)		1 (D)	-	-	(D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners	farms acres treated 412 6,321		873 4,613	794 4,023	506 1,025	438 944
Manure	farms acres treated 100 (D)		200 554	133 216	129 462	43 (D)
Acres treated with chemicals to control:						
Insects	farms acres 237 3,298		405 1,811	296 789	163 540	93 105
Weeds, grass, or brush	farms acres 350 4,041		649 3,670	472 3,713	323 882	297 581
Nematodes	farms acres 40 114		82 309	37 100	18 36	14 14
Diseases in crops and orchards	farms acres 79 621		226 661	110 404	37 60	28 29
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used 22 (D)		67 237	18 72	36 63	21 21
<b>TENURE</b>						
Full owners	farms farms 229		565	586	505	540
Part owners	farms farms 88		114	71	40	47
Tenants	farms farms 189		381	257	170	157
<b>OWNED AND RENTED LAND</b>						
Land owned	farms acres 320 35,591		682 18,054	657 10,783	547 5,372	588 5,228
Owned land in farms	farms acres 317 34,272		679 17,414	657 10,606	545 5,315	587 4,946
Land rented or leased from others	farms acres 277 36,417		496 39,625	328 18,337	214 9,751	205 6,672
Rented or leased land in farms	farms acres 277 36,396		495 38,632	328 (D)	210 9,696	204 6,641
Land rented or leased to others	farms acres 13 1,340		41 (D)	27 255	19 (D)	29 313
<b>NUMBER OF OPERATORS</b>						
Total operators	number 749		1,532	1,310	1,029	1,075
Farms by number of operators:						
1 operator	309		689	574	436	469
2 operators	171		313	294	252	242
3 operators	18		42	41	20	21
4 operators	4		7	3	6	6
5 or more operators	4		9	2	1	6
Total women operators	number 251		526	438	370	368
Farms by number of women operators:						
1 operator	219		432	378	337	327
2 operators	11		29	30	15	19
3 operators	2		7	-	1	1
4 operators	1		-	-	-	1
5 or more operators	-		2	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	4,338	68	57	96	228	265
Female .....	1,060	3	5	9	22	48
Primary occupation:						
Farming .....	3,125	59	54	89	204	262
Other .....	2,273	12	8	16	46	51
Place of residence:						
On farm operated .....	3,538	24	21	54	149	186
Not on farm operated .....	1,860	47	41	51	101	127
Days worked off farm:						
None .....	2,786	58	47	76	173	222
Any .....	2,612	13	15	29	77	91
1 to 49 days .....	332	2	2	7	12	18
50 to 99 days .....	226	1	1	3	8	5
100 to 199 days .....	393	1	3	2	10	13
200 days or more .....	1,661	9	9	17	47	55
Years on present farm:						
2 years or less .....	322	3	3	8	10	10
3 or 4 years .....	547	5	1	9	19	28
5 to 9 years .....	1,194	17	10	23	37	60
10 years or more .....	3,335	46	48	67	188	215
Average years on present farm .....	15.5	17.4	18.8	16.8	17.8	16.0
Age group:						
Under 25 years .....	14	-	-	1	1	1
25 to 34 years .....	154	1	2	4	7	17
35 to 44 years .....	720	6	9	17	46	46
45 to 49 years .....	822	13	13	22	41	55
50 to 54 years .....	950	20	13	11	50	63
55 to 59 years .....	796	18	7	20	46	56
60 to 64 years .....	504	6	9	10	15	17
65 to 69 years .....	426	3	3	1	20	26
70 years and over .....	1,012	4	6	19	24	32
Average age .....	56.5	54.2	54.0	53.8	53.3	53.2
Spanish, Hispanic, or Latino origin (see text) .....	241	1	1	2	12	17
Race:						
White .....	2,148	40	19	42	98	104
Black or African American .....	12	-	-	-	1	-
American Indian or Alaska Native .....	30	-	-	-	1	1
Native Hawaiian or Other Pacific Islander .....	424	3	2	5	8	16
Asian .....	2,090	26	37	50	117	156
More than one race reported .....	694	2	4	8	25	36
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	780	13	12	12	40	47
2 people .....	2,189	35	26	31	90	114
3 people .....	919	11	6	26	39	60
4 people .....	796	8	8	22	43	48
5 or more people .....	714	4	10	14	38	44
Percent of operator's total household income from farming:						
Less than 25 percent .....	3,134	5	8	24	55	74
25 to 49 percent .....	593	-	3	8	20	41
50 to 74 percent .....	405	2	1	10	21	42
75 to 99 percent .....	213	5	8	12	25	38
100 percent .....	723	18	14	26	80	85
Operator is a hired manager .....	farms acres	330 789,520	41 369,160	28 98,248	25 (D)	49 122,552
Farms with-						
Computer for farm business .....	2,173	66	58	85	158	156
Internet access .....	2,613	64	52	78	172	170
Farms by number of households sharing in net income of farm:						
1 household .....	4,037	16	19	53	143	224
2 households .....	717	7	10	14	36	35
3 households .....	146	4	1	6	10	12
4 households .....	78	2	-	3	9	3
5 households or more .....	90	1	4	4	7	6
<b>F FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms acres	3,629 329,179	6 (D)	15 (D)	41 (D)	136 83,211
Partnership .....	farms acres	225 116,737	9 11,026	2 (D)	9 (D)	19 (D)
Registered under state law .....	farms acres	182 114,417	9 11,026	2 (D)	9 (D)	294 (D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	410	819	723	553	590	529
Female .....	96	241	191	162	154	129
Primary occupation:						
Farming .....	360	658	478	353	308	300
Other .....	146	402	436	362	436	358
Place of residence:						
On farm operated .....	300	686	620	505	534	459
Not on farm operated .....	206	374	294	210	210	199
Days worked off farm:						
None .....	317	546	406	307	345	289
Any .....	189	514	508	408	399	369
1 to 49 days .....	22	62	53	52	45	57
50 to 99 days .....	19	50	54	31	28	26
100 to 199 days .....	27	80	73	64	70	50
200 days or more .....	121	322	328	261	256	236
Years on present farm:						
2 years or less .....	27	61	50	37	49	66
3 or 4 years .....	43	94	101	78	83	90
5 to 9 years .....	109	227	210	172	178	151
10 years or more .....	327	678	553	428	434	351
Average years on present farm .....	15.8	16.3	15.7	15.3	14.7	13.0
Age group:						
Under 25 years .....	4	3	1	1	2	-
25 to 34 years .....	15	29	27	12	26	14
35 to 44 years .....	84	176	118	71	80	67
45 to 49 years .....	83	143	138	96	103	115
50 to 54 years .....	101	184	142	116	128	122
55 to 59 years .....	58	144	111	119	100	117
60 to 64 years .....	41	94	94	75	81	62
65 to 69 years .....	39	85	75	60	58	56
70 years and over .....	81	202	208	165	166	105
Average age .....	54.8	56.2	57.5	58.7	57.9	56.5
Spanish, Hispanic, or Latino origin (see text) .....	12	38	51	21	40	46
Race:						
White .....	182	408	316	282	286	371
Black or African American .....	-	1	3	4	3	-
American Indian or Alaska Native .....	2	9	3	4	8	2
Native Hawaiian or Other Pacific Islander .....	28	87	84	61	67	63
Asian .....	229	430	373	263	280	129
More than one race reported .....	65	125	135	101	100	93
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	74	123	139	106	115	99
2 people .....	176	430	346	323	327	291
3 people .....	82	183	162	119	118	113
4 people .....	95	159	135	84	103	91
5 or more people .....	79	165	132	83	81	64
Percent of operator's total household income from farming:						
Less than 25 percent .....	169	530	623	543	598	505
25 to 49 percent .....	81	195	109	64	38	34
50 to 74 percent .....	98	109	59	22	21	20
75 to 99 percent .....	35	48	11	19	4	8
100 percent .....	91	137	85	54	65	68
Operator is a hired manager .....	farms (D)	41 3,700	27 2,176	13 506	18 621	23 1,954
Farms with-						
Computer for farm business .....	208	419	300	237	244	242
Internet access .....	237	484	376	304	330	346
Farms by number of households sharing in net income of farm:						
1 household .....	377	799	696	593	578	548
2 households .....	77	159	140	81	106	58
3 households .....	11	36	24	8	21	13
4 households .....	6	20	16	13	8	2
5 households or more .....	9	14	11	7	13	14
<b>F FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms (D)	947	837	677	685	606
Partnership .....	farms (D)	48,410 43	23,335 37	12,207 17	9,518 27	16,100 15
Registered under state law .....	farms (D)	4,015 32	(D) 27	1,080 10	307 (D)	468 12
	acres	17,601	3,287	(D)	251	(D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms 472 acres 713,539	51 376,470	43 83,675	53 83,776	86 (D) 79	42 16,084 34
Family held .....	farms 392 acres 344,755	36 110,575	35 83,019	41 (D)	41 (D)	34 15,520
More than 10 stockholders .....	farms 24	33	5	4	4	
10 or less stockholders .....	farms 368	33	30	37	75	34
Other than family held .....	farms 80 acres 368,784	15 265,895	8 656	12 (D) 3	7 (D) 1	8 564 1
More than 10 stockholders .....	farms 11	5	8	9	6	7
10 or less stockholders .....	farms 69	10				
Other-cooperative, estate or trust, institutional, etc .....	farms 72 acres 141,044	5 (D)	2 (D)	2 (D)	5 262	7 (D)
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms 1,527 workers 12,640	71 5,179	61 903	90 841	188 1,130	163 932
Workers by days worked:						
150 days or more .....	farms 834 workers 7,185	69 4,064	58 679	84 513	154 65	90 293
Less than 150 days .....	farms 1,141 workers 5,455	42 1,115	34 224	51 328	107 479	125 639
Migrant farm labor on farms with hired labor (see text) .....	farms 189	12	10	13	33	40
Migrant farm labor on farms reporting only contract labor (see text) .....	farms 43	-	-	-	1	-
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....	3,440	8	16	26	88	116
10 to 49 acres .....	1,309	16	17	47	102	140
50 to 69 acres .....	130	4	4	8	13	13
70 to 99 acres .....	81	2	5	3		7
100 to 139 acres .....	82	2	3	2	6	5
140 to 179 acres .....	42	4	5	1		
180 to 219 acres .....	34	1	2	1	2	6
220 to 259 acres .....	19	1	1	2	-	1
260 to 499 acres .....	93	5	2	2	2	4
500 to 999 acres .....	61	7	1	1	5	9
1,000 to 1,999 acres .....	41	6	-	1	6	8
2,000 acres or more .....	66	15	6	11	19	4
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....	24	4	2	-	-	2
Vegetable and melon farming (1112) .....	548 2,362	6 15	10 7	16 16	37 39	48 82
Fruit and tree nut farming (1113) .....						
Greenhouse, nursery, and floriculture production (1114) .....	1,264 233	24 4	27 1	47 4	121 10	120 19
Other crop farming (1119) .....						
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....	233	4	1	4	10 24	19 25
Beef cattle ranching and farming (11211) .....	526	2	4	1	1	1
Cattle feedlots (11212) .....	30	1	2	1		
Dair, cattle and milk production (11212) .....	13	7	-	-	1	
Hog and pig farming (1122) .....	115	-	1	1	10	8
Poultry and egg production (1123) .....	51	2	6	1	2	-
Sheep and goat farming (1124) .....	65	-	-	2	-	-
Animal aquaculture and other animal production (1125, 1129) .....	167	6	2	6	5	7
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms 748 number 154,308	11 51,945	7 13,276	13 20,224	34 26,008	33 9,227
Farms with-						
1 to 9 .....	235	-	-	1	2	2
10 to 49 .....	248	-	1	1	3	5
50 to 99 .....	84	-	-	-	-	-
100 to 199 .....	73	-	-	1	4	7
200 to 499 .....	54	-	-	1	6	12
500 or more .....	54	11	6	9	18	7
Cows and heifers that had calved .....	farms 597 number 89,742	11 29,839	6 8,070	13 11,574	31 14,939	31 5,758
Beef cows .....	farms 578 number 83,277	5 23,498	6 8,070	13 11,574	30 (D)	30 (D)
Farms with-						
1 to 9 .....	183	-	-	1	2	3
10 to 49 .....	210	1	-	1	2	7
50 to 99 .....	68	-	-	1	3	5
100 to 199 .....	53	-	-	1	3	5
200 to 499 .....	26	-	-	1	4	2
500 or more .....	38	4	6	8	16	11

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms 44 acres 16,105	54 2,723	34 2,384	18 1,704	25 1,579	22 (D)
Family held .....	farms 36 acres 15,938	47 2,603	28 1,950	15 1,669	21 1,559	20 1,295
More than 10 stockholders .....	farms 2	2	2	1	3	-
10 or less stockholders .....	farms 36	45	26	14	18	20
Other than family held .....	farms 8 acres 167	7 120	6 434	3 35	4 20	2 (D)
More than 10 stockholders .....	farms 8	7	6	1	4	2
10 or less stockholders .....	farms 8	7	6	2	4	2
Other-cooperative, estate or trust, institutional, etc .....	farms 4 acres (D)	16 898	6 (D)	3 20	7 183	15 (D)
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms 202 workers 1,279	291 1,147	183 545	77 197	100 193	101 294
Workers by days worked:						
150 days or more .....	farms 118 workers 361	127 344	52 81	18 36	25 54	39 109
Less than 150 days .....	farms 164 workers 918	224 803	152 464	59 161	84 139	99 185
Migrant farm labor on farms with hired labor (see text) .....	farms 24	48	9	-	-	-
Migrant farm labor on farms reporting only contract labor (see text) .....	farms 23	-	9	9	-	1
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....	270	728	665	562	571	390
10 to 49 acres .....	179	219	158	108	132	191
50 to 69 acres .....	8	17	13	6	17	27
70 to 99 acres .....	2	14	16	8	8	11
100 to 139 acres .....	4	10	21	6	7	16
140 to 179 acres .....	5	7	14	2	-	2
180 to 219 acres .....	4	8	4	1	-	5
220 to 259 acres .....	2	5	2	3	2	2
260 to 499 acres .....	15	28	7	15	6	7
500 to 999 acres .....	7	14	9	3	3	3
1,000 to 1,999 acres .....	4	7	4	1	1	3
2,000 acres or more .....	6	3	1	-	-	1
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....	-	-	-	1	1	14
Vegetable and melon farming (1112) .....	85	137	86	66	43	14
Fruit and tree nut farming (1113) .....	174	450	485	373	405	316
Greenhouse, nursery, and floriculture production (1114) .....	163	305	170	132	101	54
Other crop farming (1119) .....	22	51	40	31	41	10
Tobacco farming (11191) .....	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....	22	51	40	31	41	10
Beef cattle ranching and farming (11211) .....	34	74	79	63	83	130
Cattle feedlots (11212) .....	-	3	5	6	8	2
Dairying and milk production (11212) .....	15	15	18	8	15	24
Hog and pig farming (1122) .....	1	2	1	6	7	15
Poultry and egg production (1123) .....	3	3	3	4	17	33
Sheep and goat farming (1124) .....	1	2	1	6	6	15
Animal aquaculture and other animal production (1125, 1129) .....	9	20	21	24	24	43
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms 52 number 9,134	109 11,628	129 6,113	91 2,735	107 1,292	162 2,726
Farms with-						
1 to 9 .....	7	20	31	33	56	83
10 to 49 .....	4	16	57	40	51	70
50 to 99 .....	9	30	25	13	-	6
100 to 199 .....	12	33	10	4	-	2
200 to 499 .....	19	8	6	1	-	1
500 or more .....	1	2	-	-	-	-
Cows and heifers that had calved .....	farms 51 number 5,828	91 6,740	105 3,183	88 1,406	85 1,406	105 1,635
Beef cows .....	farms 48 number 5,821	91 (D)	103 (D)	67 (D)	82 757	103 1,621
Farms with-						
1 to 9 .....	3	13	26	29	50	56
10 to 49 .....	7	27	60	30	32	43
50 to 99 .....	13	29	11	7	-	2
100 to 199 .....	18	19	5	1	-	1
200 to 499 .....	6	2	1	-	-	-
500 or more .....	1	1	-	-	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows . . . . . farms number	6,465	6,341	-	-	(D)	(D)
Farms with- 1 to 4 . . . . .	16	-	-	-	1	1
5 to 9 . . . . .	2	-	-	-	-	-
10 to 49 . . . . .	1	-	-	-	1	1
50 to 99 . . . . .	1	-	-	-	-	-
100 to 199 . . . . .	-	-	-	-	1	-
200 to 499 . . . . .	-	-	-	-	-	-
500 or more . . . . .	7	7	-	-	-	-
Other cattle (see text) . . . . . farms number	609	22,106	5,206	8,650	11,069	3,469
Cattle and calves sold . . . . . farms number	550	11	6	12	30	31
\$1,000 30,739	20,830	(D)	7,709	10,938	4,252	4,252
Calves weighing less than 500 pounds . . . . . farms number	303	15,001	3,871	3,210	3,659	1,629
Cattle, including calves weighing 500 pounds or more . . . . . farms number	385	18,676	(D)	2,985	15	17
Cattle on feed (see text) . . . . . farms number	40,397	1	(D)	(D)	(D)	140
Hogs and pigs inventory . . . . . farms number	204	-	(D)	(D)	13	11
Farms with- 1 to 24 . . . . .	113	-	-	-	2	2
25 to 49 . . . . .	19	-	-	-	-	-
50 to 99 . . . . .	22	-	-	-	-	-
100 to 199 . . . . .	17	-	-	-	1	1
200 to 499 . . . . .	19	-	1	1	4	3
500 or more . . . . .	14	-	2	1	6	3
Used or to be used for breeding . . . . . farms number	160	-	3	2	12	9
Other hogs and pigs . . . . . farms number	5,843	-	642	(D)	1,032	1,435
Hogs and pigs sold . . . . . farms number	180	-	3	(D)	11	10
\$1,000 17,521	33,231	-	6,968	(D)	4,241	2,262
Sheep and lambs of all ages inventory (see text) . . . . . farms number	103	1	-	-	3	7
Ewes 1 year old or older . . . . . farms number	19,909	(D)	-	(D)	(D)	(D)
Sheep and lambs sold . . . . . farms number	6,810	(D)	-	(D)	(D)	132
Horses and ponies inventory . . . . . farms number	493	6	4	9	22	25
Horses and ponies sold . . . . . farms number	4,582	415	146	555	689	170
Goats, All inventory . . . . . farms number	237	2	(D)	(D)	(D)	3
Goats sold . . . . . farms number	189	-	-	(D)	(D)	6
5,364	-	-	-	(D)	(D)	5
Turkeys inventory . . . . . farms number	86	-	-	(D)	(D)	264
Poults for laying flock replacement inventory . . . . . farms number	4,237	-	-	-	-	(D)
<b>POULTRY</b>						
Layers 2 weeks old and older inventory . . . . . farms number	125	2	3	3	2	2
Farms with- 1 to 399 . . . . .	537,882	(D)	128,255	(D)	(D)	(D)
400 to 3,199 . . . . .	115	-	-	-	-	2
3,200 to 9,999 . . . . .	1	-	-	-	-	-
10,000 to 19,999 . . . . .	3	-	-	-	1	2
20,000 to 49,999 . . . . .	1	-	-	-	-	-
50,000 to 99,999 . . . . .	3	-	3	-	-	-
100,000 or more . . . . .	1	1	-	-	-	-
Pullets for laying flock replacement inventory . . . . . farms number	26	-	(D)	1	(D)	-
Layers and pullets sold (see text) . . . . . farms number	67,925	-	(D)	(D)	(D)	-
Broilers and other meat-type chickens sold . . . . . farms number	25	2	4	2	2	1
Farms with- 1 to 1,999 . . . . .	881,112	-	(D)	(D)	-	-
2,000 to 59,999 . . . . .	13	-	-	-	-	-
60,000 to 99,999 . . . . .	1	-	-	-	-	-
100,000 or more . . . . .	3	-	1	2	-	-
Turkeys inventory . . . . . farms number	7	-	-	(D)	-	-
	75	-	-	(D)	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms number	3 7	(D)	(D) <sup>2</sup>	(D) <sup>1</sup>	4 13
Farms with- 1 to 4 .....		3	1	1	1	3 1
5 to 9 .....		-	-	-	-	-
10 to 49 .....		-	-	-	-	-
50 to 99 .....		-	-	-	-	-
100 to 199 .....		-	-	-	-	-
200 to 499 .....		-	-	-	-	-
500 or more .....		-	-	-	-	-
Other cattle (see text) .....	farms number	43 3,306	100 4,888	107 2,930	77 1,329	74 522
Cattle and calves sold .....	farms number	46 3,674	93 3,835	108 1,843	81 805	95 (D) <sup>3</sup>
\$1,000 .....		1,160	1,193	588	247	141 (D)
Calves weighing less than 500 pounds .....	farms number	35 (D)	61 2,746	57 1,170	41 472	44 (D)
Cattle, including calves weighing 500 pounds or more .....	farms number	32 (D)	56 1,089	71 673	59 333	68 (D) <sup>2</sup>
Cattle on feed (see text) .....	farms number	-	6 91	10 56	6 39	8 24
Hogs and pigs inventory .....	farms number	20 3,697	31 2,693	35 1,604	22 445	27 359
Farms with- 1 to 24 .....		4	12	19	17	22 4
25 to 49 .....		-	4	5	3	2 1
50 to 99 .....		2	7	6	1	-
100 to 199 .....		8	4	3	1	-
200 to 499 .....		5	3	2	-	-
500 or more .....		1	1	-	-	-
Used or to be used for breeding .....	farms number	15 854	26 808	29 391	17 130	19 104
Other hogs and pigs .....	farms number	20 2,843	28 1,885	31 1,213	17 315	25 255
Hogs and pigs sold .....	farms number	20 4,930	26 3,310	29 122	15 424	21 378
\$1,000 .....		242	242	122	32	25 172
Sheep and lambs of all ages inventory (see text) .....	farms number	4 85	16 (D)	8 177	14 191	16 269
Ewes 1 year old or older .....	farms number	4 42	15 16	5 31	13 (D)	15 82
Sheep and lambs sold .....	farms number	4 (D)	4 (D)	3 (D)	3 (D)	55 68
Horses and ponies inventory .....	farms number	34 326	77 701	76 336	61 210	65 290
Horses and ponies sold .....	farms number	4 4	15 68	12 26	17 27	15 19
Goats, All inventory .....	farms number	6 (D)	18 982	36 637	28 297	44 297
Goats sold .....	farms number	2 (D)	13 846	14 252	13 160	24 160
<b>POULTRY</b>						
Layers 20 weeks old and older inventory .....	farms number	9 (D)	12 302	23 622	23 778	15 230
Farms with- 1 to 399 .....		8	12	23	23	15 31
400 to 3,199 .....		1	-	-	-	-
3,200 to 9,999 .....		-	-	-	-	-
10,000 to 19,999 .....		-	-	-	-	-
20,000 to 49,999 .....		-	-	-	-	-
50,000 to 99,999 .....		-	-	-	-	-
100,000 or more .....		-	-	-	-	-
Pullets for laying flock replacement inventory .....	farms number	-	(D) <sup>2</sup>	7 181	(D) <sup>2</sup>	3 90
Layers and pullets sold (see text) .....	farms number	-	(D)	6 78	(D)	1 (D)
Broilers and other meat-type chickens sold .....	farms number	-	(D) <sup>1</sup>	(D) <sup>3</sup>	(D) <sup>2</sup>	3 230
Farms with- 1 to 1,999 .....		-	1	3	2	3 88
2,000 to 59,999 .....		-	-	-	-	-
60,000 to 99,999 .....		-	-	-	-	-
100,000 or more .....		-	-	-	-	-
Turkeys inventory .....	farms number	-	(D) <sup>1</sup>	(D) <sup>1</sup>	(D) <sup>2</sup>	1 (D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>Poultry - Con.</b>						
Turkeys sold .....	farms number	(D)	-	-	-	-
<b>CROPS HARVESTED</b>						
Corn for grain .....	farms acres bushels	12 4,383 203,391	6 3,288 151,517	2 (D)	-	(D)
Irrigated .....	farms acres	12 4,383	6 3,288	2 (D)	-	(D)
Farms by acres harvested:						
1 to 24 acres .....		2	-	-	-	1
25 to 99 acres .....		2	-	1	-	-
100 to 249 acres .....		2	2	-	-	-
250 to 499 acres .....		3	2	1	-	1
500 acres or more .....		3	2	-	-	-
Corn for silage or greenchop .....	farms acres tons	(D) (D) 2	(D) (D) -	-	-	(D)
Irrigated .....	farms acres	(D) 2	(D) -	-	-	(D)
Farms by acres harvested:						
1 to 24 acres .....		-	-	-	-	-
25 to 99 acres .....		-	-	-	-	-
100 to 249 acres .....		1	1	-	-	1
250 to 499 acres .....		1	-	-	-	-
500 acres or more .....		-	-	-	-	-
Soybeans for beans .....	farms acres bushels	1 (D) -	1 (D) -	-	-	-
Irrigated .....	farms acres	(D) 1	(D) -	-	-	-
Farms by acres harvested:						
1 to 24 acres .....		1	1	-	-	-
25 to 99 acres .....		-	-	-	-	-
100 to 249 acres .....		-	-	-	-	-
250 to 499 acres .....		-	-	-	-	-
500 acres or more .....		-	-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	-	-	-	1 (D)
Irrigated .....	farms acres	(D) 1	-	-	-	-
Farms by acres harvested:						
0.1 to 4.9 acres .....		11	-	-	-	1
5.0 to 24.9 acres .....		-	-	-	-	-
25.0 to 99.9 acres .....		-	-	-	-	-
100.0 to 249.9 acres .....		-	-	-	-	-
250.0 acres or more .....		-	-	-	-	-
Sweet potatoes .....	farms acres cwt	59 204 16,357	-	-	2 (D)	2 (D)
Irrigated .....	farms acres	16 165	-	-	1 (D)	-
Sugarcane for sugar .....	farms acres tons	2 (D) -	2 (D) -	-	-	-
Irrigated .....	farms acres	(D) 2	(D) -	-	-	-
Pineapples harvested .....	farms acres tons	34 10,211 314,626	4 10,139 314,062	-	2 (D)	-
Irrigated .....	farms acres	12 9,759	3 9,711	-	2 (D)	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	2 (D) (D)	1 (D)	-	1 (D)
Irrigated .....	farms acres	7 243	2 (D)	1 (D)	-	-
Farms by acres harvested:						
1 to 24 acres .....		5	-	-	-	-
25 to 99 acres .....		5	1	-	-	-
100 to 249 acres .....		3	1	-	-	1
250 to 499 acres .....		1	-	1	-	-
500 acres or more .....		-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	2 (D) -	-	-	-	-
Irrigated .....	farms acres	(D) 2	-	-	-	-
Other tame hay .....	farms acres tons, dry	7 (D) -	-	1 (D)	-	1 (D)
Irrigated .....	farms acres	(D) 2	-	(D) 1	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>POULTRY - Con.</b>						
Turkeys sold .....	farms number	-	-	-	-	(D)
<b>CROPS HARVESTED</b>						
Corn for grain .....	farms acres bushels	-	-	-	1 (D)	1 (D)
Irrigated .....	farms acres	-	-	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	1	-
25 to 99 acres .....	-	-	-	-	1	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Corn for silage or greenchop .....	farms acres tons	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Soybeans for beans .....	farms bushels	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Potatoes .....	farms acres cwt	-	-	4 1,661 (D)	3 1,800 (D)	3 (D)
Irrigated .....	farms acres	-	-	1 (D)	-	-
Farms by acres harvested:						
0.1 to 4.9 acres .....	-	-	-	4	3	3
5.0 to 24.9 acres .....	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	4 170 (D)	14 2,793 (D)	11 2,254 (D)	5 642 (D)	9 428 (D)
Irrigated .....	farms acres	2 (D)	4 (D)	1 (D)	1 (D)	1 (D)
Sugarcane for sugar .....	farms acres tons	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-
Pineapples harvested .....	farms acres tons	4 4 11	5 19 (D)	3 3 2 (D)	2 (D) 1 (D)	9 17 1 (D)
Irrigated .....	farms acres	-	(D)	(D)	-	5 11 1 (D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	-	1 (D) 1 (D)	2 (D) 1 (D)	2 (D) 1 (D)	2 (D) 1 (D)
Irrigated .....	farms acres	-	(D)	(D)	-	155 (D) (D)
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	1	2	1
25 to 99 acres .....	-	-	1	-	-	2
100 to 249 acres .....	-	-	-	1	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	-	1 (D) (D)	1 (D) 1 (D)	-	-
Irrigated .....	farms acres	-	(D)	(D)	-	-
Other tame hay .....	farms acres tons, dry	-	-	1 (D)	-	2 (D)
Irrigated .....	farms acres	-	-	-	-	2 (D) (D)

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	All farms	\$1,000,000 or more	\$500,000 to \$999,999	\$250,000 to \$499,999	\$100,000 to \$249,999	\$50,000 to \$99,999
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .....	farms 633 acres 5,824	8 2,789	14 407	19 512	41 561	64 504
Irrigated .....	farms 417 acres 5,038	8 2,789	11 335	16 310	36 451	36 387
Farms by acres harvested:						
0.1 to 4.9 acres .....	473	-	3	2	9	30
5.0 to 24.9 acres .....	125	1	4	7	24	30
25.0 to 99.9 acres .....	30	4	-	7	8	4
100.0 to 249.9 acres .....	3	1	-	1	-	-
250.0 acres or more .....	2	2	-	-	-	-
Snap beans harvested for sale .....	farms 129 acres 208	2 (D)	1 (D)	2 (D)	1 (D)	11 20
Harvested for processing .....	farms acres	-	-	-	-	-
Sweet corn harvested for sale .....	farms 80 acres 503	2 (D)	- (D)	2 (D)	4 113	12 119
Harvested for processing .....	farms acres	-	-	-	-	-
Tomatoes harvested for sale .....	farms 72 acres 664	2 (D)	2 (D)	3 (D)	4 16	9 23
Harvested for processing .....	farms acres	-	-	-	-	-
All land in orchards .....	farms 2,833 acres 34,908	14 17,341	14 1,039	23 2,088	65 1,695	120 2,357
Irrigated .....	farms 810 acres 12,090	9 8,857	7 182	6 295	24 497	44 552
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....	1,944	-	3	4	17	22
5.0 to 24.9 acres .....	760	1	1	6	16	75
25.0 to 99.9 acres .....	99	1	6	7	30	18
100.0 to 249.9 acres .....	20	3	4	5	2	5
250.0 acres or more .....	10	9	-	1	-	-
Apples .....	farms 2 (D)	-	-	-	-	-
Grapes .....	farms 6 41	-	-	-	-	-
Citrus fruit, All .....	farms 474 Bearing and nonbearing acres 641	1 (D)	1 (D)	2 (D)	6 (D)	14 (D)
Land in berries harvested for sale (see text) .....	farms 3 acres 11	-	-	1 (D)	-	-
Irrigated .....	farms 1 (D)	-	-	1 (D)	-	-

See footnote(s) at end of table.

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**Table 57. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	\$25,000 to \$49,999	\$10,000 to \$24,999	\$5,000 to \$9,999	\$2,500 to \$4,999	\$1,000 to \$2,499	Less than \$1,000
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .......	farms acres	105 533	157 313	99 122	71 56	36 18
Irrigated ..... ....	farms acres	77 421	113 224	53 76	35 31	24 13
Farms by acres harvested:						
0.1 to 4.9 acres .....		69	140	95	70	36
5.0 to 24.9 acres .....		35	17	4	1	-
25.0 to 99.9 acres .....		1	-	-	-	-
100.0 to 249.9 acres .....		-	-	-	-	-
250.0 acres or more .....		-	-	-	-	-
Snap beans harvested for sale .....	farms acres	17 29	30 18	27 15	19 6	11 2
Harvested for processing .....	farms acres	-	-	-	-	-
Sweet corn harvested for sale .....	farms acres	11 116	20 23	9 (D)	6 1	10 3
Harvested for processing .....	farms acres	-	-	-	-	-
Tomatoes harvested for sale .....	farms acres	12 20	19 11	12 3	6 1	2 (D)
Harvested for processing .....	farms acres	-	-	-	-	-
All land in orchards .....	farms acres	232 2,325	579 3,317	569 1,943	437 1,035	434 939
Irrigated .....	farms acres	68 303	166 538	148 344	119 183	122 152
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....		67	303	443	386	387
5.0 to 24.9 acres .....		148	263	121	50	46
25.0 to 99.9 acres .....		17	12	5	1	-
100.0 to 249.9 acres .....		-	1	-	-	-
250.0 acres or more .....		-	-	-	-	-
Apples .....	Bearing farms (D)	1	1	-	-	-
Grapes .....	Bearing farms (D)	1	1	3	-	-
Citrus fruit, All .....	Bearing farms (D)	27 20	76 (D)	86 (D)	92 (D)	72 71
Land in berries harvested for sale (see text) .....	farms acres	2 (D)	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 58. Summary by Type of Organization: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>F FARMS AND LAND IN FARMS</b>				
Farms .....	number percent acres	5,398 100.0 241	4,629 85.8 71	225 4.2 116,737 519
Land in farms .....	acres	1,300,499	329,179	114,417
Average size of farm .....	acres			629
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>				
Total (see text) .....	farms \$1,000 Average per farm dollars	5,398 534,309 98,983	4,629 112,011 24,198	225 41,988 186,614
Farms by economic class:				
Less than \$1,000 (see text) .....		658	606	15
\$1,000 to \$2,499 .....		744	685	27
\$2,500 to \$4,999 .....		715	677	17
\$5,000 to \$9,999 .....		914	837	37
\$10,000 to \$24,999 .....		1,060	947	43
\$25,000 to \$49,999 .....		506	434	24
\$50,000 to \$99,999 .....		313	245	19
\$100,000 to \$249,999 .....		250	136	23
\$250,000 to \$499,999 .....		105	41	9
\$500,000 to \$999,999 .....		62	15	2
\$1,000,000 or more .....		71	66	0
\$1,000,000 to \$2,499,999 .....		43	59	5
\$2,500,000 to \$4,999,999 .....		15	1	3
\$5,000,000 or more .....		13	-	1
Total sales (see text) .....	farms \$1,000	5,398 533,423	4,629 111,663	225 (D)
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13 14,647	-	-
Sales of \$50,000 or more .....	farms \$1,000	9 14,605	-	-
Tobacco .....	farms \$1,000	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554	579 21,786	16 604
Sales of \$50,000 or more .....	farms \$1,000	123 48,003	88 15,838	2 (D)
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	2,293 29,133	107 19,138
Sales of \$50,000 or more .....	farms \$1,000	162 160,178	95 12,352	81 18,151
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	1,116 38,529	59 5,642
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	174 27,483	26 5,209
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	13 (D)	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-
Other crops and hay (see text) .....	farms \$1,000	271 86,061	231 4,148	11 (D)
Sales of \$50,000 or more .....	farms \$1,000	33 83,840	19 (D)	4 (D)
Cattle and calves .....	farms \$1,000	550 30,719	448 7,054	35 2,466
Sales of \$50,000 or more .....	farms \$1,000	69 26,912	31 (D)	7 2,155
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	4 (D)	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	3 (D)	2 (D)
Hogs and pigs .....	farms \$1,000	4,612 158	1,908 131	14 (D)
Sales of \$50,000 or more .....	farms \$1,000	22 (D)	11 (D)	12 (D)
Sheep, goats, and their products .....	farms \$1,000	145 1,081	127 527	6 (D)
Sales of \$50,000 or more .....	farms \$1,000	780 (D)	1 (D)	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	60 289	5 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-
Poultry and eggs .....	farms \$1,000	110 12,545	90 15 (D)	7 (D)
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	3 (D)	4 (D)

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	number percent acres	472 8.7	392 7.3	368 6.8	80 1.5	69 1.3	
Land in farms .....	acres	713,539 1,512	344,755 879	179,729 488	368,784 4,610	260,993 3,783	
Average size of farm .....	acres					141,044 1,559	
<b>M MARKET VALUE OF AGRICULTURAL P PRODUCTS SOLD AND GOVERNMENT P PAYMENTS</b>							
Total (see text) .....	farms \$1,000 dollars	472 360,744 764,287	392 204,994 522,945	368 133,156 361,838	80 155,749 1,946,866	69 40,041 580,310	
Average per farm .....						19,566 271,746	
Farms by economic class:							
Less than \$1,000 (see text) .....		22	20	20	2	2	
\$1,000 to \$2,499 .....		25	21	18	4	4	
\$2,500 to \$4,999 .....		18	15	14	3	3	
\$5,000 to \$9,999 .....		34	28	26	6	6	
\$10,000 to \$24,999 .....		54	47	45	7	7	
\$25,000 to \$49,999 .....		44	36	36	8	8	
\$50,000 to \$99,999 .....		42	34	34	7	7	
\$100,000 to \$249,999 .....		86	79	75	6	5	
\$250,000 to \$499,999 .....		53	41	37	12	2	
\$500,000 to \$999,999 .....		43	35	30	8	2	
\$1,000,000 or more .....		51	36	33	15	5	
\$1,000,000 to \$2,499,999 .....		31	24	23	7	2	
\$2,500,000 to \$4,999,999 .....		9	7	7	1	1	
\$5,000,000 or more .....		11	5	3	6	2	
Total sales (see text) .....	farms \$1,000	472 (D)	392 204,658	368 (D)	80 (D)	69 40,041	
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	3 (D)	2 (D)	- -	1 (D)	1 (D)	
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	1 (D)	- -	- -	8 (D)	
Tobacco .....	farms \$1,000	- -	- -	- -	- -	- -	
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	- -	
Cotton and cottonseed .....	farms \$1,000	- -	- -	- -	- -	- -	
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	- -	
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	58 32,048	48 30,840	46 30(D)	10 26	10 1,208	
Sales of \$50,000 or more .....	farms \$1,000	32 31,703	27 30,624	26 (D)	5 1,080	5 1,080	
Fruits, tree nuts, and berries .....	farms \$1,000	156 130,254	128 (D)	119 (D)	28 (D)	23 (D)	
Sales of \$50,000 or more .....	farms \$1,000	52 129,007	41 (D)	38 (D)	11 (D)	949 669	
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	194 65,581	167 47,107	161 46,741	27 18,474	26 (D)	
Sales of \$50,000 or more .....	farms \$1,000	136 64,488	112 46,128	109 45,802	24 18,360	23 (D)	
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	4 321	3 (D)	3 (D)	1 (D)	- -	
Sales of \$50,000 or more .....	farms \$1,000	1 1	- -	- -	- -	- -	
Other crops and hay (see text) .....	farms \$1,000	23 78,538	15 (D)	14 1,297	8 (D)	6 (D)	
Sales of \$50,000 or more .....	farms \$1,000	9 78,372	6 (D)	5 1,180	3 (D)	1 (D)	
Cattle and calves .....	farms \$1,000	56 20,604	50 (D)	42 (D)	6 (D)	5 596	
Sales of \$50,000 or more .....	farms \$1,000	30 20,211	28 (D)	21 (D)	2 (D)	1 (D)	
Milk and other dairy products from cows .....	farms \$1,000	3 14,314	3 14,314	3 14,314	- -	- (D)	
Sales of \$50,000 or more .....	farms \$1,000	3 14,314	3 14,314	3 14,314	- -	- (D)	
Hogs and pigs .....	farms \$1,000	9 (D)	7 1,222	6 (D)	2 (D)	4 (D)	
Sales of \$50,000 or more .....	farms \$1,000	5 1,275	4 (D)	4 (D)	- -	- -	
Sheep, goats, and their products .....	farms \$1,000	11 538	9 (D)	9 (D)	2 (D)	2 (D)	
Sales of \$50,000 or more .....	farms \$1,000	2 (D)	2 (D)	2 (D)	- (D)	- (D)	
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	16 113	12 62	9 55	4 51	4 51	
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	- -	
Poultry and eggs .....	farms \$1,000	12 9,635	12 9,635	11 8	- -	- (D)	
Sales of \$50,000 or more .....	farms \$1,000	9 9,634	9 9,634	8 (D)	- -	- -	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership		
			Total	Registered under state law	
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>					
Total (see text) - Con.					
Total sales (see text) - Con.					
Aquaculture (see text) .... farms \$1,000 67 14,005 40 6 (D) 5 (D)					
Sales of \$50,000 or more .... farms \$1,000 21 13,693 8 (D) 4 (D) 4 (D)					
Other animals and other animal products (see text) .... farms \$1,000 65 2,940 49 (D) 5 (D) 4 (D)					
Sales of \$50,000 or more .... farms \$1,000 8 2,707 5 (D) - -					
Government payments .... farms \$1,000 113 349 72 10 (D) 8 (D)					
Value of - Certified organically produced commodities (see text) .... farms \$1,000 140 4,801 112 4 136 4 136					
Landlord's share of total sales (see text) .... farms \$1,000 157 1,093 125 457 8 (D) 7 (D)					
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000 796 7,089 681 3,806 56 (D) 38 676					
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>					
Total farm production expenses .... farms \$1,000 5,438 450,946 4,628 87,587 268 32,279 198 31,712					
Average per farm .... dollars 82,925 18,926 120,445 160,160					
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000 4,326 17,791 3,680 4,447 189 468 148 453					
Farms with expenses of- \$1 to \$4,999 4,015 245 3,508 160 181 6 140 6					
\$5,000 to \$24,999 25 5 5 2 2					
\$25,000 to \$49,999 25 5 5 2 2					
\$50,000 or more 41 7 7 2 2					
Chemicals purchased .... farms \$1,000 3,627 16,134 3,063 3,550 168 (D) 127 (D)					
Farms with expenses of- \$1 to \$4,999 3,309 266 2,900 154 150 17 109 17					
\$5,000 to \$24,999 266 22 154 5 15 1 15					
\$25,000 to \$49,999 22 3 5 1 1					
\$50,000 or more 30 4 4 1 1					
Seeds, plants, vines, and trees .... farms \$1,000 1,887 11,188 1,577 3,232 119 313 103 311					
Farms with expenses of- \$1 to \$999 1,318 344 1,197 283 70 32 54					
\$1,000 to \$4,999 344 163 283 83 15 1 15					
\$5,000 to \$24,999 163 15 83 3 1 1					
\$25,000 to \$49,999 15 47 11 11 1 1					
\$50,000 or more 47 11 11 1 1					
Livestock and poultry purchased .... farms \$1,000 329 6,025 235 1,892 31 (D) 19 945					
Farms with expenses of- \$1 to \$4,999 244 39 191 20 25 1 13					
\$5,000 to \$24,999 39 34 20 24 2 1 2					
\$25,000 to \$99,999 34 6 24 1 1 1					
\$100,000 to \$249,999 6 6 24 1 1 1					
\$250,000 or more 6 - 24 2 2 2					
Breeding livestock purchased (see text) .... farms \$1,000 179 873 115 377 24 41 12 (D)					
Other livestock and poultry purchased .... farms \$1,000 193 5,152 156 1,515 8 (D) 8 (D)					
Feed purchased .... farms \$1,000 1,267 27,997 1,054 7,507 92 4,675 70 4,659					
Farms with expenses of- \$1 to \$4,999 955 220 817 193 70 2 48					
\$5,000 to \$24,999 220 58 193 39 11 2 48					
\$25,000 to \$99,999 58 9 39 1 1 1					
\$100,000 to \$249,999 9 25 6 6 3 3					
\$250,000 or more 25 6 6 3 3					
Gasoline, fuels, and oils .... farms \$1,000 4,721 14,458 4,013 5,288 226 896 172 868					
Farms with expenses of- \$1 to \$4,999 4,387 282 3,854 152 204 16 150					
\$5,000 to \$24,999 282 24 152 3 16 16 150					
\$25,000 to \$49,999 24 28 3 4 2 2					
\$50,000 or more 28 4 4 4 4					

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con. Total sales (see text) - Con.							
Aquaculture (see text) .... farms \$1,000 1,000 12 4,441 7 5 5 3 9 (D) -							
Sales of \$50,000 or more .... farms \$1,000 4,432 9 5 (D) 3 4 2 (D) -							
Other animals and other animal products (see text) .... farms \$1,000 9 (D) 7 1 2 2 2 (D) -							
Sales of \$50,000 or more .... farms \$1,000 3 (D) 1 (D) 2 2 (D) -							
Government payments .... farms \$1,000 28 (D) 27 336 24 1 - - 3 (D)							
Value of - Certified organically produced commodities (see text) .... farms \$1,000 24 3,493 17 1,114 16 7 5 (D) -							
Landlord's share of total sales (see text) .... farms \$1,000 24 (D) 21 509 19 3 (D) 2 (D) -							
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000 49 (D) 44 (D) 42 5 3 3 10 48							
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>							
Total farm production expenses .... farms \$1,000 464 307,806 373 164,564 357 91 82 78 23,274							
Average per farm .... dollars 663,374 441,192 327,179 1,574,078 35,395 431,610 298,385							
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000 389 12,371 6,572 297 82 74 599 68 505							
Farms with expenses of- \$1 to \$4,999 ..... 270 212 208 58 57 56 \$5,000 to \$24,999 ..... 72 61 58 11 10 7 \$25,000 to \$49,999 ..... 18 13 12 5 4 2 \$50,000 or more ..... 29 21 19 8 3 3							
Chemicals purchased .... farms \$1,000 332 11,674 5,506 271 48 42 820 64 (D)							
Farms with expenses of- \$1 to \$4,999 ..... 208 184 178 24 23 51 \$5,000 to \$24,999 ..... 88 76 72 12 11 7 \$25,000 to \$49,999 ..... 14 9 8 5 3 3 \$50,000 or more ..... 22 15 13 7 3 3							
Seeds, plants, vines, and trees .... farms \$1,000 156 7,508 123 118 33 32 (D) 35 135							
Farms with expenses of- \$1 to \$999 ..... 31 25 22 6 6 20 \$1,000 to \$4,999 ..... 25 15 15 10 10 4 \$5,000 to \$24,999 ..... 54 48 47 6 6 11 \$25,000 to \$49,999 ..... 11 8 8 3 3 3 \$50,000 or more ..... 35 27 26 8 7 -							
Livestock and poultry purchased .... farms \$1,000 60 3,182 57 (D) 48 3 (D) 2 (D) 3 (D)							
Farms with expenses of- \$1 to \$4,999 ..... 25 25 25 - - 3 \$5,000 to \$24,999 ..... 18 17 11 1 1 - \$25,000 to \$99,999 ..... 8 7 5 1 1 - \$100,000 to \$249,999 ..... 5 5 4 - 1 - \$250,000 or more ..... 4 3 3 1 1 -							
Breeding livestock purchased (see text) .... farms \$1,000 40 454 39 (D) 33 (D) 1 (D) -							
Other livestock and poultry purchased .... farms \$1,000 26 2,728 23 (D) 18 3 (D) 2 (D) 3 (D)							
Feed purchased .... farms \$1,000 108 15,683 96 (D) 87 12 (D) 11 (D) 13 132							
Farms with expenses of- \$1 to \$4,999 ..... 60 53 49 7 7 8 \$5,000 to \$24,999 ..... 21 19 17 2 1 4 \$25,000 to \$99,999 ..... 10 8 6 2 2 1 \$100,000 to \$249,999 ..... 4 4 4 1 1 - \$250,000 or more ..... 13 12 11 1 1 -							
Gasoline, fuels, and oils .... farms \$1,000 408 7,877 333 4,013 318 75 66 74 397							
Farms with expenses of- \$1 to \$4,999 ..... 266 223 220 43 42 63 \$5,000 to \$24,999 ..... 107 87 78 20 18 7 \$25,000 to \$49,999 ..... 17 11 11 6 5 2 \$50,000 or more ..... 18 12 9 6 5 2							

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>				
Total farm production expenses - Con.				
Utilities (see text) .... farms \$1,000	2,912	2,390	119	112
Farms with expenses of-	19,474	4,317	1,010	1,004
\$1 to \$999	1,667	1,528	49	42
\$1,000 to \$4,999	729	49	49	49
\$5,000 to \$24,999	250	114	13	13
\$25,000 to \$49,999	37	13	3	3
\$50,000 or more	39	6	5	5
Supplies, repairs, and maintenance .... farms \$1,000	4,626	3,897	240	186
Farms with expenses of-	50,411	11,584	3,920	3,905
\$1 to \$4,999	3,835	3,398	192	138
\$5,000 to \$24,999	588	425	35	35
\$25,000 to \$49,999	90	42	5	5
\$50,000 or more	113	32	8	8
Hired farm labor .... farms \$1,000	1,527	1,047	95	87
Farms with expenses of-	177,692	17,134	7,276	7,269
\$1 to \$4,999	695	575	41	33
\$5,000 to \$24,999	387	319	28	28
\$25,000 to \$49,999	229	115	13	13
\$100,000 to \$249,999	120	32	6	6
\$250,000 or more	96	6	7	7
Contract labor .... farms \$1,000	824	676	64	48
Farms with expenses of-	7,159	4,089	401	391
\$1 to \$999	209	184	20	12
\$1,000 to \$4,999	320	299	15	7
\$5,000 to \$24,999	235	165	27	27
\$25,000 to \$49,999	36	18	-	-
\$50,000 or more	24	10	2	2
Customwork and custom hauling .... farms \$1,000	282	189	37	29
Farms with expenses of-	9,232	713	(D)	(D)
\$1 to \$999	130	98	20	12
\$1,000 to \$4,999	94	69	12	12
\$5,000 to \$24,999	34	19	-	-
\$25,000 to \$49,999	6	-	2	2
\$50,000 or more	18	3	3	3
Cash rent for land, buildings, and grazing fees .... farms \$1,000	1,655	1,308	80	62
Farms with expenses of-	19,723	6,725	820	759
\$1 to \$4,999	1,249	1,087	41	33
\$5,000 to \$9,999	156	97	24	14
\$10,000 to \$24,999	149	90	5	5
\$25,000 or more	101	34	10	10
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	343	230	30	30
Farms with expenses of-	3,066	462	469	469
\$1 to \$999	113	99	1	1
\$1,000 to \$4,999	135	100	13	13
\$5,000 to \$24,999	74	30	13	13
\$25,000 to \$49,999	11	1	1	1
\$50,000 or more	10	-	2	2
Interest expense .... farms \$1,000	955	722	64	64
Farms with expenses of-	8,633	4,637	669	669
\$1 to \$4,999	540	417	29	29
\$5,000 to \$24,999	369	295	27	27
\$25,000 to \$49,999	36	10	7	7
\$100,000 or more	10	-	1	1
Secured by real estate .... farms \$1,000	611	488	49	49
Farms with expenses of-	6,114	3,818	326	326
\$1 to \$999	96	60	11	11
\$1,000 to \$4,999	180	159	13	13
\$5,000 to \$24,999	311	262	23	23
\$25,000 to \$49,999	10	6	2	2
\$50,000 or more	14	1	-	-
Not secured by real estate .... farms \$1,000	430	299	19	19
Farms with expenses of-	2,519	819	343	343
\$1 to \$999	173	153	2	2
\$1,000 to \$4,999	168	109	6	6
\$5,000 to \$24,999	68	34	5	5
\$25,000 to \$49,999	13	1	4	4
\$50,000 or more	8	2	2	2
Property taxes paid .... farms \$1,000	4,195	3,602	232	182
Farms with expenses of-	6,463	3,440	686	295
\$1 to \$4,999	4,009	3,514	207	172
\$5,000 to \$9,999	106	64	12	4
\$10,000 to \$24,999	53	20	3	3
\$25,000 or more	27	4	10	3

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) .... farms \$1,000	350	295	281	55	47	53	
Farms with expenses of-							
\$1 to \$999	74	65	65	9	9	16	
\$1,000 to \$4,999	120	108	105	12	11	11	
\$5,000 to \$24,999	112	89	83	23	21	21	
\$25,000 to \$49,999	19	18	17	1	1	2	
\$50,000 or more	25	15	11	10	5	3	
Supplies, repairs, and maintenance .... farms \$1,000	415	325	309	90	81	74	
Farms with expenses of-							
\$1 to \$4,999	192	138	136	54	53	53	
\$5,000 to \$24,999	116	106	102	10	9	12	
\$25,000 to \$49,999	42	35	32	7	7	1	
\$50,000 or more	65	46	39	19	12	8	
Hired farm labor .... farms \$1,000	326	280	265	46	37	59	
Farms with expenses of-							
\$1 to \$4,999	58	52	52	6	6	21	
\$5,000 to \$24,999	27	27	25	-	-	13	
\$25,000 to \$49,999	95	89	88	6	5	8	
\$100,000 to \$249,999	73	59	52	14	12	9	
\$250,000 or more	73	53	48	20	14	10	
Contract labor .... farms \$1,000	72	43	38	29	28	12	
Farms with expenses of-							
\$1 to \$999	4	3	3	1	1	1	
\$1,000 to \$4,999	4	3	2	1	1	2	
\$5,000 to \$24,999	35	15	14	20	20	8	
\$25,000 to \$49,999	73	12	12	5	5	1	
\$50,000 or more	12	10	7	2	1	-	
Customwork and custom hauling .... farms \$1,000	49	42	35	7	6	7	
Farms with expenses of-							
\$1 to \$999	11	11	11	-	-	1	
\$1,000 to \$4,999	9	8	8	1	1	4	
\$5,000 to \$24,999	13	9	5	4	4	2	
\$25,000 to \$49,999	4	3	3	1	1	-	
\$50,000 or more	12	11	8	1	1	-	
Cash rent for land, buildings, and grazing fees .... farms \$1,000	240	198	187	42	37	27	
Farms with expenses of-							
\$1 to \$4,999	107	84	80	23	23	14	
\$5,000 to \$9,999	33	32	32	1	1	2	
\$10,000 to \$24,999	51	45	44	6	6	3	
\$25,000 or more	49	37	31	12	9	8	
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	78	63	58	15	11	5	
Farms with expenses of-							
\$1 to \$999	13	11	11	2	2	-	
\$1,000 to \$4,999	22	17	17	5	5	3	
\$5,000 to \$24,999	28	23	20	3	3	1	
\$25,000 to \$49,999	9	7	7	1	1	2	
\$50,000 or more	6	5	3	-	-	-	
Interest expense .... farms \$1,000	158	135	128	23	21	11	
Farms with expenses of-							
\$1 to \$4,999	85	78	77	7	7	9	
\$5,000 to \$24,999	45	35	31	10	9	2	
\$25,000 to \$99,999	19	16	14	3	3	-	
\$100,000 or more	9	6	6	3	2	-	
Secured by real estate .... farms \$1,000	73	62	60	11	11	1	
Farms with expenses of-							
\$1 to \$999	25	24	24	1	1	-	
\$1,000 to \$4,999	8	8	7	-	-	-	
\$5,000 to \$24,999	25	19	18	6	6	1	
\$25,000 to \$49,999	2	2	2	-	-	-	
\$50,000 or more	13	9	9	4	4	-	
Not secured by real estate .... farms \$1,000	101	86	81	15	13	11	
Farms with expenses of-							
\$1 to \$999	17	14	14	3	3	1	
\$1,000 to \$4,999	44	40	40	4	4	9	
\$5,000 to \$24,999	28	22	19	6	5	1	
\$25,000 to \$49,999	8	7	6	1	1	-	
\$50,000 or more	4	3	2	-	-	-	
Property taxes paid .... farms \$1,000	326	275	265	51	47	35	
Farms with expenses of-							
\$1 to \$4,999	260	225	222	35	35	28	
\$5,000 to \$9,999	29	24	21	7	5	5	
\$10,000 to \$24,999	25	18	16	4	2	1	
\$25,000 or more	12	8	6	4	2	1	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>				
Total farm production expenses - Con.				
All other production expenses (see text) ....	farms \$1,000	2,389 55,499	1,885 8,569	138 5,486
Farms with expenses of-				
\$1 to \$4,999 .....		1,803	1,570	84
\$5,000 to \$24,999 .....		394	263	37
\$25,000 to \$49,999 .....		56	20	7
\$50,000 to \$99,999 .....		68	21	2
\$100,000 or more .....		68	11	8
Production expenses paid by landlords <sup>3</sup> ....	farms \$1,000	216 1,170	180 802	2 (D)
Depreciation expenses claimed (see text) ....	farms \$1,000	1,709 34,498	1,381 6,696	77 3,700
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>				
Net cash farm income of operators (see text) ....	farms \$1,000	5,438 98,145	4,628 28,885	268 8,623
Average per farm .....	dollars	18,048	6,241	32,174
Farms with net gains <sup>4</sup> ....	number	3,278	2,790	139
Average net gain .....	dollars	41,991	17,015	84,331
Gain of-				
Less than \$1,000 .....		400	326	39
\$1,000 to \$4,999 .....		1,022	967	32
\$5,000 to \$9,999 .....		575	508	16
\$10,000 to \$24,999 .....		587	525	17
\$25,000 to \$49,999 .....		311	266	5
\$50,000 or more .....		383	198	30
Farms with net losses .....	number	2,160	1,838	129
Average net loss .....	dollars	18,287	10,113	24,027
Loss of-				
Less than \$1,000 .....		370	360	-
\$1,000 to \$4,999 .....		752	689	28
\$5,000 to \$9,999 .....		329	262	52
\$10,000 to \$24,999 .....		404	335	23
\$25,000 to \$49,999 .....		159	132	19
\$50,000 or more .....		146	60	7
Net cash farm income of operators (see text) ....	farms \$1,000	5,438 98,563	4,628 29,672	268 8,731
Average per farm .....	dollars	18,125	6,411	32,580
Operators reporting net gains <sup>4</sup> ....	farms	3,283 42,210	2,796 17,238	139 85,148
Average net gain .....	dollars			
Gain of-				
Less than \$1,000 .....		372	314	39
\$1,000 to \$4,999 .....		1,046	975	32
\$5,000 to \$9,999 .....		594	527	16
\$10,000 to \$24,999 .....		580	519	17
\$25,000 to \$49,999 .....		304	258	5
\$50,000 or more .....		387	203	30
Operators reporting net losses .....	farms	2,155 18,567	1,832 10,143	129 24,063
Average net loss .....	dollars			
Loss of-				
Less than \$1,000 .....		374	364	-
\$1,000 to \$4,999 .....		739	676	28
\$5,000 to \$9,999 .....		331	263	52
\$10,000 to \$24,999 .....		402	335	23
\$25,000 to \$49,999 .....		161	133	19
\$50,000 or more .....		148	61	7
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>				
Total .....	farms \$1,000	1 (D)	1 (D)	-
<b>INCOME FROM FARM-RELATED SOURCES</b>				
Total income from farm-related sources, gross before taxes and expenses (see text) ....	farms \$1,000	449 19,237	333 5,027	27 (D)
Customwork and other agricultural services .....	farms \$1,000	181 7,448	140 1,242	13 135
Gross cash rent or share payments .....	farms \$1,000	103 3,482	72 939	5 (D)
Sales of forest products, excluding Christmas trees and maple products .....	farms \$1,000	21 243	13 (D)	-
Recreational services (see text) ....	farms \$1,000	24 1,607	10 (D)	1 (D)

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) ....	farms \$1,000	320 39,932	262 17,373	251 14,500	58 22,559	49 8,647 1,512 46	
Farms with expenses of-							
\$1 to \$4,999 .....		112	88	85	24	24	
\$5,000 to \$24,999 .....		90	84	83	6	4	
\$25,000 to \$49,999 .....		28	25	25	3	1	
\$50,000 to \$99,999 .....		44	33	29	11	10	
\$100,000 or more .....		46	32	29	14	8	
Production expenses paid by landlords <sup>3</sup> ....	farms \$1,000	31 202	29 (D)	28 (D)	2 (D)	2 (D) 3	
Depreciation expenses claimed (see text) ....	farms \$1,000	226 22,708	191 10,785	177 8,565	35 11,924	27 2,290 25 1,394	
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operators (see text) ....	farms \$1,000	464 63,605	373 49,713	357 (D)	91 13,892	82 (D) 78 -2,967	
Average per farm .....	dollars	137,079	133,279	(D)	152,656	(D) -38,044	
Farms with net gains <sup>4</sup> ....	number	304	235	222 (D)	69 237,506	63 117,457 45 69,038	
Average net gain .....	dollars	247,845	250,881	(D)			
Gain of-							
Less than \$1,000 .....		33	23	23	10	10	
\$1,000 to \$4,999 .....		22	22	22	-	2	
\$5,000 to \$9,999 .....		31	21	21	10	1	
\$10,000 to \$24,999 .....		39	25	24	14	20	
\$25,000 to \$49,999 .....		28	25	22	14	6	
\$50,000 or more .....		151	119	110	32	12	
\$50,000 or more .....						4	
Farms with net losses .....	number	160	138	135 (D)	22 113,464	19 (D) 33	
Average net loss .....	dollars	73,375	66,984	(D)			
Loss of-							
Less than \$1,000 .....		8	8	8	-	2	
\$1,000 to \$4,999 .....		31	29	29	2	4	
\$5,000 to \$9,999 .....		14	13	13	1	1	
\$10,000 to \$24,999 .....		37	28	28	9	9	
\$25,000 to \$49,999 .....		7	7	7	-	1	
\$50,000 or more .....		63	53	50	10	8	
\$50,000 or more .....						16	
Net cash farm income of operators (see text) ....	farms \$1,000	464 63,121	373 49,258	357 (D)	91 13,863	82 (D) 78 -2,960	
Average per farm .....	dollars	136,036	132,058	(D)	152,345	(D) -37,953	
Operators reporting net gains <sup>4</sup> ....	farms	303 248,717	234 251,762	221 (D)	69 238,390	63 118,425 45 69,428	
Average net gain .....	dollars			(D)			
Gain of-							
Less than \$1,000 .....		17	7	7	10	10	
\$1,000 to \$4,999 .....		38	38	38	-	2	
\$5,000 to \$9,999 .....		31	21	21	10	1	
\$10,000 to \$24,999 .....		39	25	24	14	20	
\$25,000 to \$49,999 .....		28	25	22	14	5	
\$50,000 or more .....		150	118	109	32	13	
\$50,000 or more .....						4	
Operators reporting net losses .....	farms	161 76,026	139 69,459	136 (D)	22 117,524	19 (D) 33	
Average net loss .....	dollars			(D)			
Loss of-							
Less than \$1,000 .....		8	8	8	-	2	
\$1,000 to \$4,999 .....		31	29	29	2	4	
\$5,000 to \$9,999 .....		15	14	14	1	1	
\$10,000 to \$24,999 .....		35	26	26	9	9	
\$25,000 to \$49,999 .....		8	8	8	-	1	
\$50,000 or more .....		64	54	51	10	8	
\$50,000 or more .....						16	
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total .....	farms \$1,000	-	-	-	-	-	
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) ....	farms \$1,000	85 (D)	66 11,241	59 8,448	19 (D)	16 1,738 4 (D)	
Customwork and other agricultural services .....	farms \$1,000	28 6,070	22 (D)	20 5,561	6 (D)	6 (D) -	
Gross cash rent or share payments .....	farms \$1,000	24 2,478	18 1,665	14 (D)	6 813	4 (D) 2 (D)	
Sales of forest products, excluding Christmas trees and maple products .....	farms \$1,000	8 (D)	7 (D)	4 67	1 (D)	1 (D) -	
Recreational services (see text) .....	farms \$1,000	11 1,431	9 (D)	7 527	2 (D)	2 (D) 2 (D)	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>				
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.				
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	40	25	4	4
Other farm-related income sources (see text) .... farms \$1,000	90	12	3	3
	134	94	7	6
	6,368	(D)	(D)	(D)
<b>LAND USE</b>				
Total cropland .... farms	4,755	4,103	185	149
Harvested cropland .... farms	211,120	48,688	15,099	13,837
Farms by acres harvested:				
1 to 49 acres ....	4,415	3,871	167	135
50 to 99 acres ....	49	22	3	3
100 to 199 acres ....	23	7	-	-
200 to 499 acres ....	15	3	-	-
500 to 999 acres ....	6	-	1	1
1,000 to 1,999 acres ....	5	1	-	-
2,000 acres or more ....	9	-	2	2
Cropland-				
For pasture or grazing only .... farms	451	388	21	16
On which all crops failed .... farms	36,540	20,829	6,348	(D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms	200	168	6	5
In cultivated summer fallow .... farms	1,407	910	(D)	(D)
Total woodland .... farms	308	247	11	8
Woodland pastured .... farms	117,685	(D)	(D)	(D)
Woodland not pastured .... farms	86	68	4	3
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms	41,467	13,888	16	(D)
Land in house lots, ponds, roads, wasteland, etc. .... farms	76,218	199	9	6
Irrigated land .... farms	858	730	32	25
Harvested cropland .... farms	852,626	249,453	(D)	(D)
Pastureland and other land .... farms				
	1,973	1,588	101	83
	119,068	(D)	3,059	2,925
	2,231	1,734	108	94
	69,194	9,299	4,543	4,500
	2,174	1,745	106	92
	58,691	6,961	(D)	4,393
	111	90	4	3
	10,503	2,338	(D)	107
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>				
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms	5	(D)	-	-
Land used to raise certified organically produced crops (see text) .... farms	243	101	(D)	(D)
Land enrolled in Federal or other crop insurance programs (see text) .... farms	126	469	2	2
	27,759	3,946	7,017	11
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>				
Estimated market value of land and buildings .... farms \$1,000	5,438	4,628	268	198
Average per farm .... dollars	4,583,552	2,596,235	289,919	239,654
Average per acre .... dollars	842,875	560,984	1,081,788	1,210,374
	3,507	8,001	2,315	1,997
Farms by value group:				
\$1 to \$49,999 ....	563	520	9	9
\$50,000 to \$99,999 ....	556	535	-	-
\$100,000 to \$199,999 ....	839	718	50	42
\$200,000 to \$499,999 ....	1,643	1,440	109	80
\$500,000 to \$999,999 ....	1,000	849	30	12
\$1,000,000 to \$1,999,999 ....	442	333	39	31
\$2,000,000 to \$4,999,999 ....	279	182	23	16
\$5,000,000 to \$9,999,999 ....	67	38	3	3
\$10,000,000 or more ....	49	13	5	5

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	11 75	11 75	7 73	-	-	-	
Other farm-related income sources (see text) .... farms \$1,000	32 32	27 2,976	24 (D)	5 639	4 (D)	1 (D)	
<b>LAND USE</b>							
Total cropland .... farms acres	407 138,857	337 43,954	320 20,761	70 94,903	61 10,930	60 8,476	
Harvested cropland .... farms acres	393 76,457	326 20,509	309 (D)	67 55,948	58 5,863	52 4,569	
Farms by acres harvested:							
1 to 49 acres .....	334	285	274	49	47	43	
50 to 99 acres .....	22	19	15	3	3	2	
100 to 199 acres .....	15	9	6	6	5	1	
200 to 499 acres .....	9	6	6	3	2	3	
500 to 999 acres .....	3	3	3	2	-	2	
1,000 to 1,999 acres .....	3	2	2	1	-	1	
2,000 acres or more .....	7	2	-	5	1	-	
Cropland-For pasture or grazing only .... farms acres	33 8,920	29 (D)	27 (D)	4 (D)	4 (D)	9 434	
On which all crops failed .... farms acres	21 (D)	19 184	19 184	2 (D)	-	5 35	
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms acres	107 51,478	85 (D)	76 (D)	22 (D)	18 (D)	22 2,989	
In cultivated summer fallow .... farms acres	12 (D)	11 (D)	10 (D)	1 (D)	(D)	4 449	
Total woodland .... farms acres	40 39,624	33 15,694	31 (D)	7 23,930	5 (D)	10 (D)	
Woodland pastured .... farms acres	12 (D)	10 (D)	9 (D)	2 (D)	(D)	2 (D)	
Woodland not pastured .... farms acres	31 (D)	25 (D)	24 (D)	6 (D)	4 (D)	9 (D)	
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms acres	81 438,160	71 (D)	62 133,904	10 (D)	8 (D)	15 (D)	
Land in house lots, ponds, roads, wasteland, etc. .... farms acres	239 96,898	198 (D)	184 (D)	41 (D)	33 (D)	45 (D)	
Irrigated land .... farms acres	290 50,767	234 21,806	221 (D)	56 28,961	49 1,354	39 4,585	
Harvested cropland .... farms acres	286 42,896	231 (D)	218 (D)	55 (D)	48 (D)	37 (D)	
Pastureland and other land .... farms acres	113 7,871	10 (D)	10 (D)	2 (D)	(D)	4 (D)	
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms acres	- -	- -	- -	- -	- -	1 (D)	
Land used to raise certified organically produced crops (see text) .... farms acres	23 (D)	17 (D)	16 (D)	6 (D)	4 16	-	
Land enrolled in Federal or other crop insurance programs (see text) .... farms acres	57 16,796	45 (D)	43 12,135	12 (D)	12 (D)	-	
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>							
Estimated market value of land and buildings .... farms \$1,000	464 1,526,045	373 783,838	357 589,543	91 742,207	82 389,862	78 171,353	
Average per farm dollars	3,288,890	2,101,442	1,651,380	8,156,124	4,754,414	2,196,833	
Average per acre dollars	2,129	2,245	3,193	2,018	1,500	1,222	
Farms by value group:							
\$1 to \$49,999 .....	24	23	22	1	1	10	
\$50,000 to \$99,999 .....	18	9	8	9	9	3	
\$100,000 to \$199,999 .....	67	48	48	19	18	4	
\$200,000 to \$499,999 .....	78	57	54	21	21	16	
\$500,000 to \$999,999 .....	105	90	90	15	14	16	
\$1,000,000 to \$1,999,999 .....	60	54	53	6	5	10	
\$2,000,000 to \$4,999,999 .....	63	55	52	6	5	11	
\$5,000,000 to \$9,999,999 .....	20	17	15	3	3	6	
\$10,000,000 or more .....	29	20	15	9	3	2	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>				
Estimated market value of all machinery and equipment .....	farms \$1,000	5,234 186,163	4,442 79,527	253 14,153
Farms by value group:				
\$1 to \$4,999 .....		2,222	1,981	114
\$5,000 to \$9,999 .....		883	799	29
\$10,000 to \$19,999 .....		834	739	24
\$20,000 to \$49,999 .....		739	609	41
\$50,000 to \$99,999 .....		273	189	19
\$100,000 to \$199,999 .....		149	85	6
\$200,000 to \$499,999 .....		89	28	14
\$500,000 or more .....		45	12	6
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>				
Tractors .....	farms number	2,896 5,220	2,331 3,645	172 459
Less than 40 horsepower (PTO) .....	farms number	2,149 3,111	1,741 2,386	132 132
40 to 99 horsepower (PTO) .....	farms number	962 1,715	740 1,057	236 220
100 horsepower (PTO) or more .....	farms number	230 394	163 202	53 3
Grain and bean combines .....	farms number	6 8	-	-
Cotton pickers and strippers .....	farms number	-	-	-
Forage harvesters, self-propelled (see text) .....	farms number	4 4	1 (D)	-
Hay balers .....	farms number	14 16	-	(D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>				
Commercial fertilizer, lime, and soil conditioners .....	farms acres treated	4,042 127,996	3,426 22,400	188 8,201
Manure .....	farms acres treated	730 3,812	619 (D)	28 56
Acres treated with chemicals to control:				
Insects .....	farms acres	1,840 41,616	1,489 (D)	63 (D)
Weeds, grass, or brush .....	farms acres	2,820 101,258	2,379 25,006	148 7,629
Nematodes .....	farms acres	275 8,169	193 842	10 (D)
Diseases in crops and orchards .....	farms acres	800 30,824	592 4,198	36 7,071
Chemicals used to control growth, thin fruit, or defoliate .....	farms acres on which used	216 26,378	171 455	5 (D)
<b>TENURE</b>				
Full owners .....	farms	3,202	2,823	151
Part owners .....	farms	589	460	19
Tenants .....	farms	1,607	1,346	55
<b>OWNED AND RENTED LAND</b>				
Land owned .....	farms acres	3,801 700,691	3,292 141,391	170 24,555
Owned land in farms .....	farms acres	3,791 673,158	3,283 (D)	170 (D)
Land rented or leased from others .....	farms acres	2,205 654,426	1,814 197,125	74 92,564
Rented or leased land in farms .....	farms acres	2,196 627,341	1,806 (D)	74 (D)
Land rented or leased to others .....	farms acres	204 54,618	9,337	9 (D)
<b>NUMBER OF OPERATORS</b>				
Total operators .....	number	8,009	6,554	458
Farms by number of operators:				
1 operator .....		3,306	2,991	45
2 operators .....		1,767	1,435	143
3 operators .....		237	138	29
4 operators .....		45	29	3
5 or more operators .....		43	20	2
Total women operators .....	number	2,652	2,215	145
Farms by number of women operators:				
1 operator .....		2,273	1,967	102
2 operators .....		148	102	17
3 operators .....		16	12	1
4 operators .....		2	2	-
5 or more operators .....		3	-	1

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	463	373	357	90	81	
Farms by value group:		85,466	41,562	33,894	43,905	5,414	
\$1 to \$4,999		105	90	89	15	15	
\$5,000 to \$9,999		53	35	34	18	22	
\$10,000 to \$19,999		59	48	48	11	2	
\$20,000 to \$49,999		71	66	63	5	12	
\$50,000 to \$99,999		57	44	43	13	18	
\$100,000 to \$199,999		51	38	34	13	8	
\$200,000 to \$499,999		44	34	33	10	3	
\$500,000 or more		23	18	13	5	4	
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Tractors	farms number	325	257	248	68	59	
Less than 40 horsepower (PTO)	farms number	942	725	641	217	136	
40 to 99 horsepower (PTO)	farms number	224	168	163	56	51	
100 horsepower (PTO) or more	farms number	402	293	286	109	93	
40 to 99 horsepower (PTO)	farms number	143	120	111	23	87	
100 horsepower (PTO) or more	farms number	379	296	273	83	76	
Grain and bean combines	farms number	1	(D)	1	-	-	
Cotton pickers and strippers	farms number	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms number	3	(D)	2	1	-	
Hay balers	farms number	10	(D)	9	1	2	
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	363	282	273	81	73	
Manure	farms acres treated	92,411	32,360	(D)	60,051	5,187	
Acres treated with chemicals to control insects	farms acres	63	53	53	10	9	
Weeds, grass, or brush	farms acres	(D)	391	391	(D)	9	
Nematodes	farms acres	64,264	27,445	12,304	36,819	6,589	
Diseases in crops and orchards	farms acres	70	59	58	11	9	
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	7,046	(D)	(D)	(D)	2	
Insects	farms acres	17,887	8,695	123	119	12	
Weeds, grass, or brush	farms acres	236	195	187	41	28	
Nematodes	farms acres	22,828	12,466	(D)	10,362	1,052	
Diseases in crops and orchards	farms acres	241	201	189	40	35	
Chemicals used to control growth, thin fruit, or defoliate	farms acres	64,264	27,445	12,304	36,819	6,589	
Acres treated with chemicals to control weeds, grass, or brush	farms acres	70	59	58	11	9	
Acres treated with chemicals to control nematodes	farms acres	7,046	(D)	(D)	(D)	2	
Acres treated with chemicals to control diseases in crops and orchards	farms acres	17,887	8,695	123	119	12	
Acres treated with chemicals to control insects	farms acres	236	195	187	41	28	
Acres treated with chemicals to control weeds, grass, or brush	farms acres	22,828	12,466	(D)	10,362	1,052	
Acres treated with chemicals to control nematodes	farms acres	241	201	189	40	35	
Acres treated with chemicals to control diseases in crops and orchards	farms acres	64,264	27,445	12,304	36,819	6,589	
<b>TENURE</b>							
Full owners	farms	188	167	159	21	20	
Part owners	farms	100	84	78	16	14	
Tenants	farms	184	141	131	43	35	
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	289	252	238	37	34	
Owned land in farms	farms acres	(D) 288	108,069	(D) 251	10,362	223,414	
	farms acres	383,635	104,807	64,243	278,828	(D) 50	
Land rented or leased from others	farms acres	285	226	210	59	49	
Rented or leased land in farms	farms acres	354,832	244,761	118,947	110,071	9,905	
	farms acres	284	225	209	59	49	
Land rented or leased to others	farms acres	329,904	239,948	115,486	89,956	(D) 32	
	farms acres	35	(D)	20	8	3	
	farms acres	44,876	27	4,417	(D)	(D)	
<b>NUMBER OF OPERATORS</b>							
Total operators	number	879	716	660	163	139	
Farms by number of operators:							
1 operator		226	189	179	37	33	
2 operators		171	145	138	26	23	
3 operators		44	34	30	10	8	
4 operators		13	12	11	1	1	
5 or more operators		18	12	10	6	5	
Total women operators	number	264	222	209	42	(D)	
Farms by number of women operators:							
1 operator		184	164	154	20	19	
2 operators		25	20	20	5	5	
3 operators		3	2	1	1	1	
4 operators		-	-	-	-	-	
5 or more operators		2	1	1	1	1	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>				
Sex of operator:				
Male .....	4,338	3,688	184	150
Female .....	1,060	941	41	32
Primary occupation:				
Farming .....	3,125	2,609	148	125
Other .....	2,273	2,020	77	57
Place of residence:				
On farm operated .....	3,538	3,141	137	106
Not on farm operated .....	1,860	1,488	88	76
Days worked off farm:				
None .....	2,786	2,333	115	97
Any .....	2,612	2,296	110	85
1 to 49 days .....	332	279	22	18
50 to 99 days .....	226	192	13	10
100 to 199 days .....	393	341	17	12
200 days or more .....	1,661	1,484	58	45
Years on present farm:				
2 years or less .....	322	269	18	17
3 or 4 years .....	547	476	25	24
5 to 9 years .....	1,194	1,027	52	39
10 years or more .....	3,335	2,857	130	102
Average years on present farm .....	15.5	15.5	15.8	15.5
Age group:				
Under 25 years .....	14	12	-	-
25 to 34 years .....	154	134	7	7
35 to 44 years .....	720	620	24	20
45 to 49 years .....	822	698	31	24
50 to 54 years .....	950	805	43	36
55 to 59 years .....	796	665	30	25
60 to 64 years .....	504	438	24	18
65 to 69 years .....	426	373	16	12
70 years and over .....	1,012	884	50	40
Average age .....	56.5	56.6	57.8	57.4
Spanish, Hispanic, or Latino origin (see text) .....	241	216	11	9
Race:				
White .....	2,148	1,775	108	94
Black or African American .....	12	9	1	1
American Indian or Alaska Native .....	30	26	2	2
Native Hawaiian or Other Pacific Islander .....	424	384	19	14
Asian .....	2,090	1,813	62	49
More than one race reported .....	694	622	33	22
Operators living on an American Indian reservation .....	-	-	-	-
Farms by number of persons living in operator's household:				
1 person .....	780	655	30	23
2 people .....	2,189	1,833	124	104
3 people .....	919	797	25	19
4 people .....	796	702	25	21
5 or more people .....	714	642	21	15
Percent of operator's total household income from farming:				
Less than 25 percent .....	3,134	2,819	135	104
25 to 49 percent .....	593	543	18	12
50 to 74 percent .....	405	360	19	16
75 to 99 percent .....	213	183	6	5
100 percent .....	723	624	24	23
Operator is a hired manager .....	farms acres	100 32,905	23 (D)	22 (D)
Farms with-				
Computer for farm business .....	2,173	1,631	128	115
Internet access .....	2,613	2,075	141	123
Farms by number of households sharing in net income of farm:				
1 household .....	4,037	3,681	111	90
2 households .....	717	601	66	52
3 households .....	146	115	15	10
4 households .....	78	62	4	2
5 households or more .....	90	70	6	6
<b>FARMS BY TYPE OF ORGANIZATION</b>				
Family or individual .....	farms acres	4,629 329,179	4,629 329,179	-
Partnership .....	farms acres	225	-	225
Registered under state law .....	farms acres	116,737 182	116,737 182	114,417 182
		114,417		114,417

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Corporation					Other-cooperative, estate or trust, institutional, etc.	
	Total	Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male .....	406	335	313	71	60	60	
Female .....	66	57	55	9	9	12	
Primary occupation:							
Farming .....	332	282	266	50	43	36	
Other .....	140	110	102	30	26	36	
Place of residence:							
On farm operated .....	232	206	194	26	25	28	
Not on farm operated .....	240	186	174	54	44	44	
Days worked off farm:							
None .....	295	252	239	43	38	43	
Any .....	177	140	129	37	31	29	
1 to 49 days .....	26	20	19	6	6	5	
50 to 99 days .....	19	15	15	4	2	2	
100 to 199 days .....	27	19	17	8	7	8	
200 days or more .....	105	86	78	19	16	14	
Years on present farm:							
2 years or less .....	28	17	16	11	7	7	
3 or 4 years .....	35	32	29	3	3	11	
5 to 9 years .....	104	82	75	22	19	11	
10 years or more .....	305	261	248	44	40	43	
Average years on present farm .....	16.0	16.8	16.6	12.5	12.6	13.3	
Age group:							
Under 25 years .....	1	1	1	-	-	1	
25 to 34 years .....	12	10	9	2	2	1	
35 to 44 years .....	69	59	56	10	7	7	
45 to 49 years .....	82	69	65	13	11	11	
50 to 54 years .....	80	62	61	18	16	22	
55 to 59 years .....	85	72	67	13	11	16	
60 to 64 years .....	37	29	26	8	8	5	
65 to 69 years .....	31	25	25	6	6	6	
70 years and over .....	75	65	58	10	8	3	
Average age .....	55.2	55.3	55.1	54.8	55.1	53.3	
Spanish, Hispanic, or Latino origin (see text) .....	12	7	7	5	4	2	
Race:							
White .....	230	187	176	43	35	35	
Black or African American .....	2	2	2	-	-	-	
American Indian or Alaska Native .....	2	1	1	1	1	9	
Native Hawaiian or Other Pacific Islander .....	12	11	11	1	1	1	
Asian .....	191	162	155	29	26	24	
More than one race reported .....	35	29	23	6	6	4	
Operators living on an American Indian reservation .....	-	-	-	-	-	-	
Farms by number of persons living in operator's household:							
1 person .....	83	66	62	17	15	12	
2 people .....	199	168	155	31	28	33	
3 people .....	85	66	63	19	17	12	
4 people .....	60	52	50	8	6	9	
5 or more people .....	45	40	38	5	5	6	
Percent of operator's total household income from farming:							
Less than 25 percent .....	155	133	125	22	20	25	
25 to 49 percent .....	26	22	20	4	4	6	
50 to 74 percent .....	24	22	21	2	2	2	
75 to 99 percent .....	24	21	20	3	3	-	
100 percent .....	73	64	61	9	9	2	
Operator is a hired manager .....	farms acres	(D)	130 242,050	96,502	40 (D)	31 (D)	
Farms with-							
Computer for farm business .....	360	292	272	68	58	54	
Internet access .....	345	280	260	65	55	52	
Farms by number of households sharing in net income of farm:							
1 household .....	215	192	181	23	21	30	
2 households .....	48	37	35	11	11	22	
3 households .....	14	11	9	3	3	1	
4 households .....	11	10	10	1	1	-	
5 households or more .....	14	12	12	2	2	-	
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual .....	farms acres	-	-	-	-	-	
Partnership .....	farms acres	-	-	-	-	-	
Registered under state law .....	farms acres	-	-	-	-	-	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership		
			Total	Registered under state law	
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>					
Corporation .....	farms acres	472 713,539	-	-	-
Family held .....	farms acres	392 344,755	-	-	-
More than 10 stockholders .....	farms acres	24 368	-	-	-
10 or less stockholders .....	farms	69	-	-	-
Other than family held .....	farms acres	80 368,784	-	-	-
More than 10 stockholders .....	farms acres	11 69	-	-	-
Other-cooperative, estate or trust, institutional, etc .....	farms acres	72 141,044	-	-	-
<b>H HIRED FARM LABOR</b>					
Hired farm labor .....	farms	1,527	1,047	95	87
Workers by days worked:	workers	12,640	4,788	656	648
150 days or more .....	farms workers	834 7,185	466 1,402	57 399	57 399
Less than 150 days .....	farms workers	1,141 5,455	826 3,386	67 257	59 249
Migrant farm labor on farms with hired labor (see text) .....	farms	189	126	12	12
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	34	-	-
<b>F FARMS BY SIZE</b>					
1 to 9 acres .....		3,440	3,145	105	83
10 to 49 acres .....		1,309	1,059	75	64
50 to 69 acres .....		130	100	6	6
70 to 99 acres .....		81	56	3	3
100 to 139 acres .....		82	64	3	3
140 to 179 acres .....		42	29	-	2
180 to 219 acres .....		34	17	-	-
220 to 259 acres .....		19	14	-	-
260 to 499 acres .....		93	62	8	3
500 to 999 acres .....		61	39	5	5
1,000 to 1,999 acres .....		41	26	5	5
2,000 acres or more .....		66	18	8	8
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>					
Oilseed and grain farming (1111) .....		24	8	1	-
Vegetable and melon farming (1112) .....		548	486	13	6
Fruit and tree nut farming (1113) .....		2,362	2,120	91	70
Greenhouse, nursery, and floriculture production (1114) .....		1,264	1,015	57	54
Other crop farming (1119) .....		233	203	9	8
Tobacco farming (11191) .....		-	-	-	-
Cotton farming (11192) .....		-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....		233	203	9	8
Beef cattle ranching and farming (112111) .....		526	444	27	21
Cattle feedlots (112112) .....		30	24	1	1
Deli cattle and milk production (11212) .....		13	7	2	2
Hog and pig farming (1122) .....		115	95	11	10
Poultry and egg production (1123) .....		51	40	3	3
Sheep and goat farming (1124) .....		65	59	1	-
Animal aquaculture and other animal production (1125, 1129) .....		167	128	8	7
<b>L LIVESTOCK</b>					
Cattle and calves inventory .....	farms number	748 154,308	626 54,876	39 13,334	31 12,841
Farms with- 1 to 9 .....		235	220	6	5
10 to 49 .....		248	220	11	8
50 to 99 .....		84	75	4	2
100 to 199 .....		73	50	8	6
200 to 499 .....		54	37	3	3
500 or more .....		54	24	7	7
Cows and heifers that had calved .....	farms number	597 89,742	490 31,456	30 8,049	25 7,864
Beef cows .....	farms number	578 83,277	478 (D)	28 (D)	23 (D)
Farms with- 1 to 9 .....		183	171	5	4
10 to 49 .....		210	185	8	5
50 to 99 .....		68	52	5	5
100 to 199 .....		53	39	3	3
200 to 499 .....		26	17	3	3
500 or more .....		38	14	5	5

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation .....	farms acres	472 713,539	392 392	368 179,729	80 -	69 260,993	
Family held .....	farms acres	392 344,755	392 344,755	368 179,729	-	-	
More than 10 stockholders .....	farms acres	24 368	24 368	-	-	-	
10 or less stockholders .....	farms acres	368	368	368	-	-	
Other than family held .....	farms acres	80 368,784	-	-	80 368,784	69 260,993	
More than 10 stockholders .....	farms acres	11 69	-	-	11 69	-	
10 or less stockholders .....	farms acres	69	-	-	69	69	
Other-cooperative, estate or trust, institutional, etc .....	farms acres	- -	- -	- -	- -	72 141,044	
<b>H HIRED FARM LABOR</b>							
Hired farm labor .....	farms workers	326 6,197	280 3,869	265 2,928	46 2,328	37 717	
Workers by days worked:							
150 days or more .....	farms workers	263 4,760	217 2,975	203 2,252	46 1,785	37 588	
Less than 150 days .....	farms workers	174 1,437	194 894	184 676	20 543	624 129	
Migrant farm labor on farms with hired labor (see text) .....	farms	40	30	27	10	10	
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	8	8	8	-	1	
<b>F FARMS BY SIZE</b>							
1 to 9 acres .....		168	142	137	26	24	
10 to 49 acres .....		157	133	127	24	23	
50 to 69 acres .....		19	18	18	1	1	
70 to 99 acres .....		17	13	10	4	3	
100 to 139 acres .....		11	9	9	2	2	
140 to 179 acres .....		8	6	6	2	2	
180 to 219 acres .....		13	9	9	4	4	
220 to 259 acres .....		5	2	2	3	3	
260 to 499 acres .....		16	13	12	3	3	
500 to 999 acres .....		15	15	15	-	-	
1,000 to 1,999 acres .....		5	5	4	-	7	
2,000 acres or more .....		38	27	19	11	5	
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) .....		2	1	-	1	1	
Vegetable and melon farming (1112) .....		44	38	36	6	5	
Fruit and tree nut farming (1113) .....		130	105	99	25	20	
Greenhouse, nursery, and floriculture production (1114) .....		185	157	152	28	26	
Other crop farming (1119) .....		17	12	11	5	7	
Tobacco farming (11191) .....		-	-	-	-	-	
Cotton farming (11192) .....		-	-	-	-	-	
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....		17	12	11	5	4	
Beef cattle ranching and farming (11211) .....		47	42	38	5	8	
Cattle feedlots (11212) .....		3	3	1	-	1	
Deli cattle and milk production (11212) .....		3	3	3	-	2	
Hog and pig farming (1122) .....		7	6	6	1	1	
Poultry and egg production (1123) .....		8	4	4	1	1	
Sheep and goat farming (1124) .....		5	4	4	-	-	
Animal aquaculture and other animal production (1125, 1129) .....		21	13	11	8	6	
<b>L LIVESTOCK</b>							
Cattle and calves inventory .....	farms number	68 81,841	61 (D)	53 43,890	7 (D)	6 (D)	
Farms with-							
1 to 9 .....		5	5	5	-	4	
10 to 49 .....		14	12	12	2	3	
50 to 99 .....		2	2	2	-	3	
100 to 199 .....		13	12	10	1	1	
200 to 499 .....		12	10	10	2	2	
500 or more .....		22	20	14	2	1	
Cows and heifers that had calved .....	farms number	62 48,205	55 (D)	47 23,640	7 (D)	6 (D)	
Beef cows .....	farms number	59 (D)	52 27,440	44 (D)	7 (D)	6 (D)	
Farms with-							
1 to 9 .....		4	4	4	-	3	
10 to 49 .....		13	11	11	2	4	
50 to 99 .....		8	7	6	2	3	
100 to 199 .....		8	6	5	1	2	
200 to 499 .....		8	8	8	2	1	
500 or more .....		18	16	10	2	1	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>LIVESTOCK - Con.</b>				
Cattle and calves inventory - Con.				
Cows and heifers that had calved - Con.				
Milk cows .....	farms number	27 6,465	19 (D)	2 (D)
Farms with- 1 to 4 .....		16	14	-
5 to 9 .....		2	2	-
10 to 49 .....		1	1	-
50 to 99 .....		1	-	-
100 to 199 .....		-	-	-
200 to 499 .....		-	-	-
500 or more .....		7	2	2
Other cattle (see text) .....	farms number	609 64,566	503 23,420	35 5,285
Cattle and calves sold .....	farms number	550 60,739	448 19,293	35 5,324
Calves weighing less than 500 pounds .....	\$1,000 farms number	30,719 303 20,342	7,054 243 11,187	2,466 19 2,676
Cattle, including calves weighing 500 pounds or more .....	farms number	385 40,397	305 8,106	25 2,648
Cattle on feed (see text) .....	farms number	41 8,006	32 (D)	4 (D)
Hogs and pigs inventory .....	farms number	204 23,364	177 12,447	13 (D)
Farms with- 1 to 24 .....		113	103	5
25 to 49 .....		19	18	-
50 to 99 .....		22	20	1
100 to 199 .....		17	16	-
200 to 499 .....		19	14	3
500 or more .....		14	6	4
Used or to be used for breeding .....	farms number	160 5,843	137 2,975	11 (D)
Other hogs and pigs .....	farms number	180 17,521	157 9,472	12 3,746
Hogs and pigs sold .....	farms number	158 33,231	131 15,246	14 (D)
Sheep and lambs of all ages inventory (see text) .....	farms number	103 19,909	90 (D)	4 200
Ewes 1 year old or older .....	farms number	91	80	3 2
Sheep and lambs sold .....	farms number	6,800 34 4,639	4,640 26 (D)	65 2 -
Horses and ponies inventory .....	farms number	493 4,582	413 2,763	22 265
Horses and ponies sold .....	farms number	79	58	4 3
Goats, All inventory .....	farms number	237 189 5,364	123 175 3,924	(D) 6 3
Goats sold .....	farms number	86 4,237	77 (D)	160 2 (D)
<b>POULTRY</b>				
Layers 20 weeks old and older inventory .....	farms number	125 537,882	110 (D)	6 (D)
Farms with- 1 to 399 .....		115	108	3
400 to 3,199 .....		1	1	-
3,200 to 9,999 .....		3	-	2
10,000 to 19,999 .....		1	-	1
20,000 to 49,999 .....		3	1	-
50,000 to 99,999 .....		1	-	-
100,000 or more .....		1	-	-
Pullets for laying flock replacement inventory .....	farms number	26 67,925	18 (D)	3 (D)
Layers and pullets sold (see text) .....	farms number	25 458,280	15 (D)	4 (D)
Broilers and other meat-type chickens sold .....	farms number	17 881,112	12 (D)	2 (D)
Farms with- 1 to 1,999 .....		13	10	2
2,000 to 59,999 .....		-	-	-
60,000 to 99,999 .....		1	-	-
100,000 or more .....		3	2	-
Turkeys inventory .....	farms number	7 75	6 (D)	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con. Cows and heifers that had calved - Con.							
Milk cows .....	farms number	4 (D)	4 (D)	4 (D)	-	2 (D)	
Farms with- 1 to 4 .....		1	1	1	-	1	
5 to 9 .....		-	-	-	-	-	
10 to 49 .....		-	-	-	-	1	
50 to 99 .....		-	-	-	-	-	
100 to 199 .....		-	-	-	-	-	
200 to 499 .....		-	-	-	-	-	
500 or more .....		3	3	3	-	-	
Other cattle (see text) .....	farms number	61 33,636	56 (D)	48 20,250	5 (D)	4 (D)	
Cattle and calves sold .....	farms number	56 34,538	50 (D)	42 16,543	6 (D)	5 (D)	
Calves weighing less than 500 pounds .....	farms number	\$1,000 20,604	34 (D)	29 (D)	5 (D)	4 (D)	
Calves weighing less than 500 pounds .....	farms number	6,240	29 (D)	27 (D)	5 (D)	4 (D)	
Cattle, including calves weighing 500 pounds or more .....	farms number	46 28,298	41 (D)	33 (D)	5 (D)	5 (D)	
Cattle on feed (see text) .....	farms number	4 7,007	4 (D)	2 (D)	-	1 (D)	
Hogs and pigs inventory .....	farms number	10 (D)	8 (D)	7 (D)	2 (D)	4 (D)	
Farms with- 1 to 24 .....		2	2	1	-	3	
25 to 49 .....		1	1	1	-	-	
50 to 99 .....		-	-	-	-	1	
100 to 199 .....		-	-	-	-	-	
200 to 499 .....		2	1	1	1	-	
500 or more .....		4	3	3	1	-	
Used or to be used for breeding .....	farms number	9 (D)	7 (D)	6 (D)	2 (D)	3 (D)	
Other hogs and pigs .....	farms number	9 (D)	7 (D)	6 (D)	2 (D)	2 (D)	
Hogs and pigs sold .....	farms number	9 \$1,000	7 (D)	6 (D)	2 (D)	4 (D)	
Sheep and lambs of all ages inventory (see text) .....	farms number	7 (D)	5 (D)	5 (D)	2 (D)	2 (D)	
Ewes 1 year old or older .....	farms number	6 (D)	5 (D)	5 (D)	2 (D)	2 (D)	
Sheep and lambs sold .....	farms number	4 (D)	3 (D)	3 (D)	1 (D)	2 (D)	
Horses and ponies inventory .....	farms number	49 1,503	41 897	35 557	8 606	9 51	
Horses and ponies sold .....	farms number	16 94	12 39	9 30	4 55	1 55	
Goats, All inventory .....	farms number	8 (D)	218 139	6 218	5 139	-	
Goats sold .....	farms number	5 (D)	4 139	4 139	1 (D)	1 (D)	
<b>POULTRY</b>							
Layers 20 weeks old and older inventory .....	farms number	9 460,993	9 460,993	9 460,993	-	-	
Farms with- 1 to 399 .....		4	4	4	-	-	
400 to 3,199 .....		-	-	-	-	-	
3,200 to 9,999 .....		1	1	1	-	-	
10,000 to 19,999 .....		-	-	-	-	-	
20,000 to 49,999 .....		2	2	2	-	-	
50,000 to 99,999 .....		1	1	1	-	-	
100,000 or more .....		1	1	1	-	-	
Pullets for laying flock replacement inventory .....	farms number	5 (D)	5 (D)	5 (D)	-	-	
Layers and pullets sold (see text) .....	farms number	6 422,800	6 422,800	6 422,800	-	-	
Broilers and other meat-type chickens sold .....	farms number	2 (D)	2 (D)	2 (D)	-	1 (D)	
Farms with- 1 to 1,999 .....		-	-	-	-	1	
2,000 to 59,999 .....		-	-	-	-	-	
60,000 to 99,999 .....		1	1	1	-	-	
100,000 or more .....		1	1	1	-	-	
Turkeys inventory .....	farms number	-	-	-	-	1 (D)	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>POLYCHY - Con.</b>				
Turkeys sold .....	farms number	(D)	-	-
<b>CROPS HARVESTED</b>				
Corn for grain .....	farms acres bushels	12 4,383 203,391	-	-
Irrigated .....	farms acres	12 4,383	-	-
Farms by acres harvested:				
1 to 24 acres .....		2	-	-
25 to 99 acres .....		2	-	-
100 to 249 acres .....		2	-	-
250 to 499 acres .....		3	-	-
500 acres or more .....		3	-	-
Corn for silage or greenchop .....	farms acres tons farms acres	2 (D) (D) (D)	-	-
Irrigated .....		-	-	-
Farms by acres harvested:				
1 to 24 acres .....		-	-	-
25 to 99 acres .....		1	-	-
100 to 249 acres .....		1	-	-
250 to 499 acres .....		-	-	-
500 acres or more .....		-	-	-
Soybeans for beans .....	farms acres bushels	1 (D) (D)	-	-
Irrigated .....	farms acres	1 (D)	-	-
Farms by acres harvested:				
1 to 24 acres .....		1	-	-
25 to 99 acres .....		-	-	-
100 to 249 acres .....		-	-	-
250 to 499 acres .....		-	-	-
500 acres or more .....		-	-	-
Potatoes .....	farms acres cwt	11 4,542	8 (D) (D)	-
Irrigated .....	farms acres	1 (D)	1 (D)	-
Farms by acres harvested:				
0.1 to 4.9 acres .....		11	8	-
5.0 to 24.9 acres .....		-	-	-
25.0 to 99.9 acres .....		-	-	-
100.0 to 249.9 acres .....		-	-	-
250.0 acres or more .....		-	-	-
Sweet potatoes .....	farms acres cwt	59 16,357	55 16,239	1 (D)
Irrigated .....	farms acres	16 165	13 157	-
Sugarcane for sugar .....	farms acres tons	2 (D) (D)	-	-
Irrigated .....	farms acres	2 (D)	-	-
Pineapples harvested .....	farms acres tons	34 314,626	25 (D) (D)	2 (D) (D)
Irrigated .....	farms acres	12 9,759	6 (D)	1 (D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261 7	8 679 (D) (D) 3	2 (D) (D) 2 (D)
Irrigated .....	farms acres	243	(D)	(D)
Farms by acres harvested:				
1 to 24 acres .....		5	4	-
25 to 99 acres .....		5	2	2
100 to 249 acres .....		3	1	-
250 to 499 acres .....		1	1	-
500 acres or more .....		-	-	-
Alfalfa hay .....	farms acres tons, dry	2 (D) (D)	1 (D)	1 (D)
Irrigated .....	farms acres	2 (D)	(D)	(D)
Other tame hay .....	farms acres tons, dry	7 (D) (D)	5 (D) (D)	-
Irrigated .....	farms acres	2 (D)	(D)	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>POLYTRY - Con.</b>							
Turkeys sold .....	farms number	-	-	-	-	-	
<b>CROPS HARVESTED</b>							
Corn for grain .....	farms acres bushels	2 (D)	2 (D)	-	-	-	
Irrigated .....	farms acres	2 (D)	2 (D)	-	-	-	
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	2	
25 to 99 acres .....	1	1	-	-	-	1	
100 to 249 acres .....	1	1	-	-	-	1	
250 to 499 acres .....	-	-	-	-	-	3	
500 acres or more .....	-	-	-	-	-	3	
Corn for silage or greenchop .....	farms acres tons farms acres	2 (D) 2 (D)	1 (D) 1 (D)	1 (D) 1 (D)	1 (D) 1 (D)	-	
Irrigated .....	farms acres	-	-	-	-	-	
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	
25 to 99 acres .....	1	1	-	-	-	-	
100 to 249 acres .....	1	1	-	-	-	-	
250 to 499 acres .....	-	-	-	-	-	-	
500 acres or more .....	-	-	-	-	-	-	
Soybeans for beans .....	farms acres bushels	-	-	-	-	-	
Irrigated .....	farms acres	-	-	-	-	-	
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	1	
25 to 99 acres .....	-	-	-	-	-	-	
100 to 249 acres .....	-	-	-	-	-	-	
250 to 499 acres .....	-	-	-	-	-	-	
500 acres or more .....	-	-	-	-	-	-	
Potatoes .....	farms acres cwt	2 (D)	2 (D)	1 (D)	-	-	
Irrigated .....	farms acres	-	-	-	-	-	
Farms by acres harvested:							
0.1 to 4.9 acres .....	2	2	1	-	-	1	
5.0 to 24.9 acres .....	-	-	-	-	-	-	
25.0 to 99.9 acres .....	-	-	-	-	-	-	
100.0 to 249.9 acres .....	-	-	-	-	-	-	
250.0 acres or more .....	-	-	-	-	-	-	
Sweet potatoes .....	farms acres cwt	1 (D)	-	-	-	-	
Irrigated .....	farms acres	(D)	-	-	-	-	
Sugarcane for sugar .....	farms acres tons	2 (D)	1 (D)	-	-	-	
Irrigated .....	farms acres	(D)	1 (D)	-	-	-	
Pineapples harvested .....	farms acres tons	7 314,129	5 (D)	4 (D)	2 (D)	-	
Irrigated .....	farms acres	5 9,727	3 (D)	2 (D)	2 (D)	-	
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	4 591	3 (D)	3 (D)	228 (D) 2 (D)	-	
Irrigated .....	farms acres	2 (D)	2 (D)	2 (D)	1 (D)	-	
Farms by acres harvested:							
1 to 24 acres .....	1	1	1	1	-	-	
25 to 99 acres .....	1	1	1	1	-	-	
100 to 249 acres .....	2	1	1	1	-	-	
250 to 499 acres .....	-	-	-	1	-	-	
500 acres or more .....	-	-	-	-	-	-	
Alfalfa hay .....	farms acres tons, dry	-	-	-	-	-	
Irrigated .....	farms acres	-	-	-	-	-	
Other tame hay .....	farms acres tons, dry	2 (D)	1 (D)	1 (D)	1 (D)	-	
Irrigated .....	farms acres	1 (D)	1 (D)	-	-	-	

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Individual or family	Partnership	
			Total	Registered under state law
<b>CROPS HARVESTED - Con.</b>				
Land used for vegetables (see text) .....	farms acres	633 5,824	549 2,195	16 51
Irrigated .....	farms acres	417 5,038	356 1,660	11 43
Farms by acres harvested:				
0.1 to 4.9 acres .....		473	427	12
5.0 to 24.9 acres .....		125	105	4
25.0 to 99.9 acres .....		30	17	-
100.0 to 249.9 acres .....		3	-	-
250.0 acres or more .....		2	-	-
Snap beans harvested for sale .....	farms acres	129 208	121 (D)	2 (D)
Harvested for processing .....	farms acres	-	-	-
Sweet corn harvested for sale .....	farms acres	80 503	64 226	2 (D)
Harvested for processing .....	farms acres	-	-	-
Tomatoes harvested for sale .....	farms acres	72 664	65 (D)	1 (D)
Harvested for processing .....	farms acres	-	-	-
All land in orchards .....	farms acres	2,833 34,908	2,527 13,193	115 7,702
Irrigated .....	farms acres	810 12,090	675 2,841	50 (D)
Farms by bearing and nonbearing acres:				
0.1 to 4.9 acres .....		1,944	1,807	55
5.0 to 24.9 acres .....		760	643	51
25.0 to 99.9 acres .....		99	70	6
100.0 to 249.9 acres .....		20	6	-
250.0 acres or more .....		10	1	3
Apples .....	Bearing and nonbearing farms acres	2 (D)	2 (D)	-
Grapes .....	Bearing and nonbearing farms acres	6 41	4 (D)	-
Citrus fruit, All .....	Bearing and nonbearing farms acres	474 641	418 (D)	26 29
Land in berries harvested for sale (see text) .....	farms acres	3 11	1 (D)	-
Irrigated .....	farms acres	1 (D)	-	-

See footnote(s) at end of table.

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**Table 58. Summary by Type of Organization: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Corporation				Other-cooperative, estate or trust, institutional, etc.	
		Family held		Other than family held			
		Total	10 or less stockholders	Total	10 or less stockholders		
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) . . . . .	farms acres	57 3,554	47 3,294	46 (D) 34	10 261 8	10 261 8	
Irrigated . . . . .	farms acres	43 3,317	35 3,128	(D)	190	190	
Farms by acres harvested:							
0.1 to 4.9 acres . . . . .		25	21	21	4	4	
5.0 to 24.9 acres . . . . .		14	13	13	1	2	
25.0 to 99.9 acres . . . . .		13	9	8	4	4	
100.0 to 249.9 acres . . . . .		3	2	2	1	1	
250.0 acres or more . . . . .		2	2	2	-	-	
Snap beans harvested for sale . . . . .	farms acres	4 (D)	3 (D)	3 (D)	1 (D)	1 (D)	
Harvested for processing . . . . .	farms acres	-	-	-	-	-	
Sweet corn harvested for sale . . . . .	farms acres	8 264	6 (D)	6 (D)	2 (D)	2 (D)	
Harvested for processing . . . . .	farms acres	-	-	-	-	-	
Tomatoes harvested for sale . . . . .	farms acres	5 (D)	5 (D)	5 (D)	-	-	
Harvested for processing . . . . .	farms acres	-	-	-	-	-	
All land in orchards . . . . .	farms acres	158 13,740	129 5,665	121 5,513	29 19	25 (D) 15	
Irrigated . . . . .	farms acres	68 (D)	49 1,172	45 1,145	19 (D)	17 183	
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .		64	51	47	13	12	
5.0 to 24.9 acres . . . . .		53	44	42	9	8	
25.0 to 99.9 acres . . . . .		21	19	17	2	2	
100.0 to 249.9 acres . . . . .		14	11	11	3	-	
250.0 acres or more . . . . .		6	4	4	2	-	
Apples . . . . .	Bearing and nonbearing farms acres	-	-	-	-	-	
Grapes . . . . .	Bearing and nonbearing farms acres	2 (D)	1 (D)	1 (D)	1 (D)	1 (D)	
Citrus fruit, All . . . . .	Bearing and nonbearing farms acres	20 (D)	18 221	18 221	2 (D)	2 (D)	
Land in berries harvested for sale (see text) . . . . .	farms acres	2 (D)	1 (D)	1 (D)	1 (D)	1 (D)	
Irrigated . . . . .	farms acres	1 (D)	(D)	(D)	-	-	

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 59. Summary by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>F FARMS AND LAND IN FARMS</b>									
Farms .....	5,398 100.0	24 0.4	548 10.2	2,362 43.8	1,264 23.4	233 4.3	-	-	233 4.3
Land in farms .....	1,300,499 241	9,009 375	13,738 25	88,361 37	(D) (D)	(D) (D)	-	-	(D) (D)
Average size of farm .....									
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>									
Total (see text) .....	farms \$1,000 98,983	534,309 588,212	14,117 101,309	548 (D)	2,362 (D)	1,264 (D)	233 87,237	-	233 87,237
Average per farm .....	dollars						374,407		374,407
Farms by economic class .....									
Less than \$1,000 (see text) .....	658	14	14	316	54	10	-	-	10
\$1,000 to \$2,499 .....	744	1	43	405	101	41	-	-	41
\$2,500 to \$4,999 .....	715	1	66	373	132	31	-	-	31
\$5,000 to \$9,999 .....	914	-	86	485	170	40	-	-	40
\$10,000 to \$24,999 .....	1,060	-	137	450	305	51	-	-	51
\$25,000 to \$49,999 .....	506	-	85	174	163	22	-	-	22
\$50,000 to \$99,999 .....	313	2	48	82	120	19	-	-	19
\$100,000 to \$249,999 .....	250	-	37	39	121	10	-	-	10
\$250,000 to \$499,999 .....	105	-	16	16	47	4	-	-	4
\$500,000 to \$999,999 .....	62	2	10	7	27	1	-	-	1
\$1,000,000 or more .....	71	4	6	15	24	4	-	-	4
\$1,000,000 to \$2,499,999 .....	43	2	3	7	21	-	-	-	-
\$2,500,000 to \$4,999,999 .....	15	1	1	3	3	1	-	-	1
\$5,000,000 or more .....	13	1	2	5	-	3	-	-	3
Total sales (see text) .....	farms \$1,000	5,398 533,423	24 14,117	548 55,495	2,362 178,414	1,264 111,322	233 87,220	-	233 87,220
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13 14,647	10 (D)	1 (D)	-	-	-	-	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 14,605	9 (D)	-	-	-	-	-	2 (D)
Tobacco .....	farms \$1,000	-	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554	1 (D)	546 52,929	43 705	28 4	42 319	-	42 319
Sales of \$50,000 or more .....	farms \$1,000	123 48,003	-	47,057 47,057	488 488	(D) (D)	(D) (D)	-	1 (D)
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	-	108 1,262	2,210 176,785	167 830	46 334	-	46 334
Sales of \$50,000 or more .....	farms \$1,000	162 160,178	4 -	910 159,003	153 -	3 (D)	1 (D)	-	1 (D)
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	-	34 149	66 716	1,240 109,087	29 (D)	-	29 (D)
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	-	-	1 (D)	336 (D)	-	-	-
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	-	-	5 (D)	13 331	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-	-	-
Other crops and hay (see text) .....	farms \$1,000	27 86,061	1 (D)	30 282	12 (D)	10 (D)	207 85,265	-	207 85,265
Sales of \$50,000 or more .....	farms \$1,000	33 83,840	1 (D)	-	-	(D) (D)	31 (D)	-	31 (D)
Cattle and calves .....	farms \$1,000	550 30,719	-	1 (D)	26 (D)	20 101	10 (D)	-	10 (D)
Sales of \$50,000 or more .....	farms \$1,000	69 26,912	-	-	-	-	-	-	2 (D)
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	-	-	-	-	-	-	-
Hogs and pigs .....	farms \$1,000	158 4,612	-	5 (D)	13 12	3 (D)	5 18	-	5 18
Sales of \$50,000 or more .....	farms \$1,000	22 (D)	-	1 (D)	-	-	-	-	-
Sheep, goats, and their products .....	farms \$1,000	145 1,081	-	2 (D)	24 (D)	13 10	3 1	-	3 1
Sales of \$50,000 or more .....	farms \$1,000	3 780	-	-	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	-	1 (D)	4 16	2 (D)	2 (D)	-	2 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-	-	-
Poultry and eggs .....	farms \$1,000	110 12,545	-	10 2	17 7	10 (D)	4 2	-	4 2
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	number percent 9.7	526 0.6 (D)	30 0.2 (D)	13 2.1 14,206 1,093 (D)	115 2.1 (D)	51 0.9 660 13 (D)	65 1.2 (D)
Land in farms .....	acres acres						167 3.1 21,016 126 (D)
Average size of farm .....							
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) .....	farms \$1,000 25,045 47,613	526 5,615 187,178	30 13 (D)	13 4,212 36,628 (D)	115 12,487 244,833 (D)	51 65 (D)	167 167 (D) (D)
Average per farm .....	Average per farm dollars						
Farms by economic class .....							
Less than \$1,000 (see text) .....		130	2	3	24	15	33
\$1,000 to \$2,499 .....		83	8	-	15	6	17
\$2,500 to \$4,999 .....		63	6	-	8	7	4
\$5,000 to \$9,999 .....		79	5	1	18	6	3
\$10,000 to \$24,999 .....		74	3	-	15	2	3
\$25,000 to \$49,999 .....		34	-	-	15	1	9
\$50,000 to \$99,999 .....		25	1	1	8	-	5
\$100,000 to \$249,999 .....		24	1	1	10	2	2
\$250,000 to \$499,999 .....		8	1	-	1	4	6
\$500,000 to \$999,999 .....		4	2	-	1	6	2
\$1,000,000 or more .....		2	1	7	-	2	6
\$1,000,000 to \$2,499,999 .....		1	-	4	-	1	4
\$2,500,000 to \$4,999,999 .....		-	1	2	-	1	2
\$5,000,000 or more .....		1	-	1	-	-	-
Total sales (see text) .....	farms \$1,000	526 24,468	30 5,549	13 22,616 4,205 (D)	115 12,487 51 (D)	65 999	167 16,531 (D)
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Tobacco .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Cotton and cottonseed .....	farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	-	-	-	-	1 (D)	3 (D) (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Fruits, tree nuts, and berries .....	farms \$1,000	21 (D)	1 (D)	-	2 (D)	4 (D)	5 4 (D)
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-	-	-	-
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	3 148 (D)	-	-	2 (D)	4 (D)	1 (D) (D)
Sales of \$50,000 or more .....	farms \$1,000	2 (D)	-	-	-	-	-
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	1 (D)	-	-	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Other crops and hay (see text) .....	farms \$1,000	5 (D)	-	1 (D)	1 (D)	-	4 65 (D)
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Cattle and calves .....	farms \$1,000	429 23,802 58 20,535	30 (D) 6 5,163 (D)	9 (D)	11 (D)	1 (D)	3 (D) 10 39
Sales of \$50,000 or more .....	farms \$1,000	58 20,535	6 (D)	-	-	-	-
Milk and other dairy products from cows .....	farms \$1,000	-	-	10 21,745 9 (D)	-	-	-
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	-
Hogs and pigs .....	farms \$1,000	14 32 (D)	2 (D)	1 (D)	107 4,113 20 (D)	5 (D)	1 (D) (D)
Sales of \$50,000 or more .....	farms \$1,000	32 (D)	1 (D)	-	-	-	-
Sheep, goats, and their products .....	farms \$1,000	23 (D)	1 (D)	1 (D)	2 (D)	2 (D)	59 935 (D)
Sales of \$50,000 or more .....	farms \$1,000	1 (D)	-	-	-	-	-
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	18 101 (D)	2 (D)	-	-	-	1 (D) 52 283
Sales of \$50,000 or more .....	farms \$1,000	101 (D)	-	-	-	-	-
Poultry and eggs .....	farms \$1,000	7 (D)	-	-	3 (D)	50 12,368 14 (D)	5 1 4 1
Sales of \$50,000 or more .....	farms \$1,000	(D)	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)		Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>										
Total (see text) - Con.										
Total sales (see text) - Con.										
Aquaculture (see text) .... farms \$1,000	67			10 (D) 2	3 (D)	3 (D)	2 (D) 1			2 (D) 1
Sales of \$50,000 or more .... farms \$1,000	14,095									
Other animals and other animal products (see text) .... farms \$1,000	13,693			(D)						(D)
Sales of \$50,000 or more .... farms \$1,000	2,940			2 (D)	20	2 (D)	2 (D)			2 (D)
Government payments .... farms \$1,000	2,707			-	-	-	-			-
Government payments .... farms \$1,000	113			7	17 (D)	7 (D)	6			6
	886			22			17			17
Value of - Certified organically produced commodities (see text) .... farms \$1,000	140			20	71	21	13			13
	4,801			343	1,340	633	2,038			2,038
Landlord's share of total sales (see text) .... farms \$1,000	157			19	61	32	13			13
	1,093			118	202	503	30			30
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	796			143	318	100	40			40
	7,089			1,224	3,018	735	264			264
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>										
Total farm production expenses .... farms \$1,000	5,438	26	593	2,317	1,225	234				234
Average per farm .... dollars	450,946	16,648	41,932	142,628	71,406	86,552				86,552
	82,925	640,324	70,813	61,557	58,291	370,734				370,734
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	4,326	11	552	2,181	1,130	221				221
	17,791	407	2,227	8,657	2,230	4,018				4,018
Farms with expenses of- \$1 to \$4,999	4,015	4	493	2,064	1,027	201				201
\$5,000 to \$24,999	245	2	47	90	86	16				16
\$25,000 to \$49,999	25	2	7	6	10	-				4
\$50,000 or more	41	3	5	21	7	4				-
Chemicals purchased .... farms \$1,000	3,627	18	463	1,764	972	179				179
	16,134	468	2,655	6,427	2,118	3,808				3,808
Farms with expenses of- \$1 to \$4,999	3,309	11	419	1,645	867	156				156
\$5,000 to \$24,999	266	2	32	103	91	20				20
\$25,000 to \$49,999	22	2	7	2	10	-				-
\$50,000 or more	30	3	5	14	4	3				3
Seeds, plants, vines, and trees .... farms \$1,000	1,887	3	422	561	718	79				79
	11,188	9	(D)	1,112	7,429	1,442				1,442
Farms with expenses of- \$1 to \$999	1,318	-	302	430	447	44				44
\$1,000 to \$4,999	344	3	77	96	135	24				24
\$5,000 to \$24,999	163	-	38	32	84	9				9
\$25,000 to \$49,999	15	-	2	1	12	-				-
\$50,000 or more	47	-	3	2	40	2				2
Livestock and poultry purchased .... farms \$1,000	329	-	11	39	14	18				18
	6,025	-	(D)	55	(D)	(D)				(D)
Farms with expenses of- \$1 to \$4,999	244	-	10	38	12	17				17
\$5,000 to \$24,999	39	-	1	1	2	1				1
\$25,000 to \$99,999	34	-	-	-	-	-				-
\$100,000 to \$249,999	6	-	-	-	-	-				-
\$250,000 or more	6	-	-	-	-	-				-
Breeding livestock purchased (see text) .... farms \$1,000	179	-	5	17	2	10				10
	873	-	(Z)	32	(D)	(D)				(D)
Other livestock and poultry purchased .... farms \$1,000	193	-	6	22	12	8				8
	5,152	-	(D)	23	18	39				39
Feed purchased .... farms \$1,000	1,267	7	29	218	52	58				58
	27,997	19	(D)	185	(D)	386				386
Farms with expenses of- \$1 to \$4,999	955	7	27	215	49	38				38
\$5,000 to \$24,999	220	-	3	3	3	12				12
\$25,000 to \$99,999	58	-	1	-	-	8				8
\$100,000 to \$249,999	9	-	-	-	-	-				-
\$250,000 or more	25	-	1	-	-	-				-
Gasoline, fuels, and oils .... farms \$1,000	4,721	19	556	1,927	1,089	234				234
	14,458	295	1,579	4,924	1,970	2,987				2,987
Farms with expenses of- \$1 to \$4,999	4,387	11	514	1,858	1,010	214				214
\$5,000 to \$24,999	282	5	34	51	73	16				16
\$25,000 to \$49,999	24	1	3	8	3	-				-
\$50,000 or more	28	2	5	10	3	4				4

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) .....	farms \$1,000	(D) <sup>1</sup>	-	-	-	(D) <sup>1</sup>	13,123 <sup>47</sup>
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	18 <sup>18</sup>
Other animals and other animal products (see text) .....	farms \$1,000	3 <sup>2</sup>	-	-	4 <sup>24</sup>	(D) <sup>1</sup>	12,832 <sup>34</sup>
Sales of \$50,000 or more .....	farms \$1,000	-	-	-	-	-	2,889 <sup>8</sup>
Government payments .....	farms \$1,000	56 <sup>577</sup>	8 <sup>66</sup>	(D) <sup>2</sup>	3 <sup>7</sup>	(D) <sup>6</sup>	(D) <sup>1</sup>
Value of - Certified organically produced commodities (see text) .....	farms \$1,000	9 <sup>(D)</sup>	-	-	(D) <sup>2</sup>	(D) <sup>2</sup>	(D) <sup>2</sup>
Landlord's share of total sales (see text) .....	farms \$1,000	19 <sup>169</sup>	1 <sup>(D)</sup>	-	(D) <sup>2</sup>	-	7 <sup>(D)</sup>
Agricultural products sold directly to individuals for human consumption (see text) .....	farms \$1,000	67 <sup>303</sup>	6 <sup>32</sup>	(D) <sup>1</sup>	48 <sup>866</sup>	(D) <sup>20</sup>	28 <sup>130</sup>
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>							
Total farm production expenses .....	farms \$1,000	509 <sup>32,504</sup>	50 <sup>6,527</sup>	15 <sup>18,744</sup>	97 <sup>3,300</sup>	70 <sup>12,286</sup>	121 <sup>1,293</sup>
Average per farm .....	dollars	63,858	130,534	1,249,604	34,026	175,517	10,684
Fertilizer, lime, and soil conditioners purchased .....	farms \$1,000	134 <sup>173</sup>	-	-	(D) <sup>2</sup>	24 <sup>14</sup>	(D) <sup>29</sup>
Farms with expenses of- \$1 to \$4,999 .....		131	-	-	2	23	41
\$5,000 to \$24,999 .....		2	-	-	1	-	1
\$25,000 to \$49,999 .....		-	-	-	-	-	-
\$50,000 or more .....		1	-	-	-	-	-
Chemicals purchased .....	farms \$1,000	121 <sup>485</sup>	3 <sup>(D)</sup>	9 <sup>(D)</sup>	9 <sup>3</sup>	18 <sup>18</sup>	(D) <sup>29</sup>
Farms with expenses of- \$1 to \$4,999 .....		115	1	9	9	16	29
\$5,000 to \$24,999 .....		5	2	-	2	2	9
\$25,000 to \$49,999 .....		-	-	-	-	-	1
\$50,000 or more .....		1	-	-	-	-	-
Seeds, plants, vines, and trees .....	farms \$1,000	30 <sup>50</sup>	1 <sup>(D)</sup>	-	-	32 <sup>10</sup>	(D) <sup>24</sup>
Farms with expenses of- \$1 to \$999 .....		21	1	-	-	32	24
\$1,000 to \$4,999 .....		9	-	-	-	-	17
\$5,000 to \$24,999 .....		-	-	-	-	-	-
\$25,000 to \$49,999 .....		-	-	-	-	-	-
\$50,000 or more .....		-	-	-	-	-	-
Livestock and poultry purchased .....	farms \$1,000	153 <sup>2,514</sup>	5 <sup>(D)</sup>	573 <sup>5</sup>	31 <sup>(D)</sup>	32 <sup>1,750</sup>	(D) <sup>8</sup>
Farms with expenses of- \$1 to \$4,999 .....		100	1	-	31	19	7
\$5,000 to \$24,999 .....		27	1	-	3	4	9
\$25,000 to \$99,999 .....		24	1	4	-	-	4
\$100,000 to \$249,999 .....		2	1	1	5	1	-
\$250,000 or more .....		1	-	-	1	1	-
Breeding livestock purchased (see text) .....	farms \$1,000	110 <sup>410</sup>	3 <sup>(D)</sup>	4 <sup>(D)</sup>	18 <sup>47</sup>	6 <sup>24</sup>	-
Other livestock and poultry purchased .....	farms \$1,000	84 <sup>2,104</sup>	4 <sup>547</sup>	1 <sup>(D)</sup>	13 <sup>(D)</sup>	26 <sup>1,726</sup>	(D) <sup>8</sup>
Feed purchased .....	farms \$1,000	473 <sup>6,684</sup>	33 <sup>2,472</sup>	15 <sup>7,881</sup>	82 <sup>1,703</sup>	60 <sup>6,176</sup>	110 <sup>62</sup>
Farms with expenses of- \$1 to \$4,999 .....		294	8	7	50	47	110
\$5,000 to \$24,999 .....		142	20	-	20	-	20
\$25,000 to \$99,999 .....		34	2	1	7	2	3
\$100,000 to \$249,999 .....		1	-	-	4	3	1
\$250,000 or more .....		2	3	7	1	8	3
Gasoline, fuels, and oils .....	farms \$1,000	438 <sup>1,292</sup>	34 <sup>100</sup>	15 <sup>268</sup>	96 <sup>147</sup>	61 <sup>130</sup>	96 <sup>67</sup>
Farms with expenses of- \$1 to \$4,999 .....		369	30	9	93	51	95
\$5,000 to \$24,999 .....		65	4	2	3	10	1
\$25,000 to \$49,999 .....		4	-	-	-	-	2
\$50,000 or more .....		-	-	1	-	-	3

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)		Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>										
Total farm production expenses - Con.										
Utilities (see text) farms \$1,000	2,912 19,474	17 440	399 2,638	1,018 4,200	815 2,558	84 6,230	-	-	-	84 6,230
Farms with expenses of-										
\$1 to \$999	1,667	7	167	689	396	44	-	-	-	44
\$1,000 to \$4,999	919	1	164	295	305	21	-	-	-	21
\$5,000 to \$24,999	250	4	50	23	98	15	-	-	-	15
\$25,000 to \$49,999	37	2	14	26	11	1	-	-	-	1
\$50,000 or more	39	3	4	9	5	3	-	-	-	3
Supplies, repairs, and maintenance farms \$1,000	4,626 50,411	24 595	593 4,283	1,814 17,066	1,159 6,674	210 15,872	-	-	-	210 15,872
Farms with expenses of-										
\$1 to \$4,999	3,835	15	458	1,614	969	152	-	-	-	152
\$5,000 to \$24,999	588	4	109	158	134	36	-	-	-	36
\$25,000 to \$49,999	90	1	10	13	22	17	-	-	-	17
\$50,000 or more	113	4	16	29	34	5	-	-	-	5
Hired farm labor farms \$1,000	1,527 177,692	10 10,839	216 17,620	610 60,668	359 30,311	89 39,143	-	-	-	89 39,143
Farms with expenses of-										
\$1 to \$4,999	695	-	91	329	146	40	-	-	-	40
\$5,000 to \$24,999	387	1	58	221	39	20	-	-	-	20
\$25,000 to \$99,999	229	1	38	25	94	11	-	-	-	11
\$100,000 to \$249,999	120	1	20	15	45	15	-	-	-	15
\$250,000 or more	96	7	9	20	35	3	-	-	-	3
Contract labor farms \$1,000	824 7,159	7 1	40 362	553 4,731	119 694	31 (D)	-	-	-	31 (D)
Farms with expenses of-										
\$1 to \$999	209	7	16	128	38	9	-	-	-	9
\$1,000 to \$4,999	320	-	16	198	59	19	-	-	-	19
\$5,000 to \$24,999	235	-	6	189	13	1	-	-	-	1
\$25,000 to \$49,999	36	-	-	24	7	-	-	-	-	-
\$50,000 or more	24	-	2	14	2	2	-	-	-	2
Customwork and custom hauling farms \$1,000	282 9,232	4 22	10 298	162 4,448	31 (D)	13 (D)	-	-	-	13 (D)
Farms with expenses of-										
\$1 to \$999	209	7	16	128	38	9	-	-	-	9
\$1,000 to \$4,999	320	-	16	198	59	19	-	-	-	19
\$5,000 to \$24,999	235	-	6	189	13	1	-	-	-	1
\$25,000 to \$49,999	36	-	-	24	7	-	-	-	-	-
\$50,000 or more	24	-	2	14	2	2	-	-	-	2
Cash rent for land, buildings, and grazing fees farms \$1,000	1,655 19,723	7 (D)	264 3,626	540 3,843	227 2,197	139 2,208	-	-	-	139 2,208
Farms with expenses of-										
\$1 to \$4,999	1,249	-	216	478	136	95	-	-	-	95
\$5,000 to \$9,999	156	-	17	28	24	26	-	-	-	26
\$10,000 to \$24,999	149	-	17	22	51	13	-	-	-	13
\$25,000 or more	101	7	14	12	16	5	-	-	-	5
Rent and lease expenses for machinery, equipment, and farm share of vehicles farms \$1,000	343 3,066	4 (D)	26 197	148 1,188	40 (D)	37 658	-	-	-	37 658
Farms with expenses of-										
\$1 to \$999	113	-	15	40	18	8	-	-	-	8
\$1,000 to \$4,999	135	-	3	78	11	11	-	-	-	11
\$5,000 to \$24,999	74	2	5	23	9	15	-	-	-	15
\$25,000 to \$49,999	11	-	2	4	2	1	-	-	-	1
\$50,000 or more	10	2	1	3	4	2	-	-	-	2
Interest expense farms \$1,000	955 8,633	-	100 644	409 2,847	235 2,343	54 692	-	-	-	54 692
Farms with expenses of-										
\$1 to \$4,999	540	-	58	242	108	33	-	-	-	33
\$5,000 to \$9,999	369	-	39	158	116	19	-	-	-	19
\$25,000 to \$99,999	36	-	3	8	7	1	-	-	-	1
\$100,000 or more	10	-	-	1	4	1	-	-	-	-
Secured by real estate farms \$1,000	611 6,114	-	85 543	267 2,146	152 1,962	24 124	-	-	-	24 124
Farms with expenses of-										
\$1 to \$999	96	-	7	43	26	-	-	-	-	-
\$1,000 to \$4,999	180	-	40	88	24	7	-	-	-	7
\$5,000 to \$24,999	311	-	37	132	93	17	-	-	-	17
\$25,000 to \$49,999	10	-	-	1	5	-	-	-	-	-
\$50,000 or more	14	-	1	3	4	-	-	-	-	-
Not secured by real estate farms \$1,000	430 2,519	-	16 101	171 701	117 381	30 568	-	-	-	30 568
Farms with expenses of-										
\$1 to \$999	173	-	1	98	38	7	-	-	-	7
\$1,000 to \$4,999	168	-	11	42	51	19	-	-	-	19
\$5,000 to \$24,999	68	-	2	26	27	2	-	-	-	2
\$25,000 to \$49,999	13	-	2	3	1	-	-	-	-	-
\$50,000 or more	8	-	-	2	-	2	-	-	-	2
Property taxes paid farms \$1,000	4,195 6,463	19 376	363 630	1,884 2,448	1,076 1,092	103 473	-	-	-	103 473
Farms with expenses of-										
\$1 to \$4,999	4,009	10	344	1,818	1,044	96	-	-	-	96
\$5,000 to \$9,999	106	1	9	52	22	3	-	-	-	3
\$10,000 to \$24,999	53	1	7	10	7	1	-	-	-	1
\$25,000 or more	27	7	3	4	3	3	-	-	-	3

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) ..... farms \$1,000	240 664	33 (D)	8 1,095	75 (D)	53 298	63 58	107 1,017
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	151 82 23 2 2	28 2 1 2 -	- 37 1 1 6	29 39 9 8 -	39 26 1 2 2	56 60 1 - -	61 24 17 - 5
Supplies, repairs, and maintenance ..... farms \$1,000	449 2,578	23 198	15 1,185	87 240	52 330	74 200	126 1,188
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	347 74 19 9	20 1 1 2	7 2 6 -	78 9 2 -	42 7 2 1	56 17 - 1	77 37 6 6
Hired farm labor ..... farms \$1,000	116 6,299	4 761	8 4,069	10 432	23 2,202	16 31	66 5,317
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$99,999 ..... \$100,000 to \$249,999 ..... \$250,000 or more .....	54 6 40 9 7	- 1 1 3 2	- 6 1 2 5	1 3 4 5 2	9 3 4 5 2	16 - - - -	9 32 14 5 6
Contract labor ..... farms \$1,000	55 503	- -	(D) -	- -	(D) -	9 (D)	6 (D)
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	11 16 23 4 1	- - - 1 -	- - - 1 1	- - - - -	- - 2 - -	- 9 - - -	- 3 1 - 2
Customwork and custom hauling ..... farms \$1,000	53 1,617	3 (D)	6 1,062	- -	- -	- -	- -
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	27 17 5 1 3	- - 1 1 2	- - - 1 4	- - - - -	- - - - -	- - - - -	- - - - -
Cash rent for land, buildings, and grazing fees ..... farms \$1,000	250 3,675	42 962	5 316	49 (D)	15 (D)	33 (D)	84 830
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 or more .....	150 32 41 27	36 1 1 4	1 - 1 4	30 19 - -	13 1 - 1	32 - - 1	62 8 4 10
Rent and lease expenses for machinery, equipment, and farm share of vehicles ..... farms \$1,000	44 162	20 63	3 60	1 (D)	5 91	7 4	8 (D)
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	15 24 4 1 1	9 1 10 - -	- 1 3 - -	- 1 2 - -	- 2 1 2 -	7 - - - 1	1 4 2 - 1
Interest expense ..... farms \$1,000	79 687	5 113	4 294	18 147	10 323	15 153	26 391
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$99,999 ..... \$100,000 or more .....	61 13 3 2	2 - 1 1	- - 3 1	12 5 1 -	4 6 - -	6 9 - -	18 4 3 1
Secured by real estate ..... farms \$1,000	41 498	3 (D)	2 (D)	17 (D)	8 182	8 144	4 133
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	10 18 10 1 2	- 1 1 1 1	- - - 1 1	10 1 5 1 1	- - 6 1 1	- - 8 - 1	- 1 2 - 1
Not secured by real estate ..... farms \$1,000	50 188	3 (D)	3 (D)	2 (D)	7 141	7 144	24 258
Farms with expenses of- \$1 to \$999 ..... \$1,000 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	18 25 5 2 -	1 - 2 - -	- 1 - 2 1	1 1 - 2 -	1 1 2 2 1	6 - 1 - -	2 18 1 1 2
Property taxes paid ..... farms \$1,000	383 797	41 69	13 70	64 70	38 92	93 128	118 218
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 or more .....	358 13 7 5	38 - 3 1	9 2 2 1	61 1 2 1	35 1 2	91 - 1 1	105 3 10 10

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)				
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>										
Total farm production expenses - Con.										
All other production expenses (see text) farms \$1,000	2,389	4	285	901	606	105	-	-	-	105
Farms with expenses of- \$1 to \$4,999	1,803	(D)	197	728	436	81	-	-	-	81
\$5,000 to \$24,999	394	1	59	133	104	13	-	-	-	13
\$25,000 to \$49,999	56	1	14	6	19	8	-	-	-	8
\$50,000 to \$99,999	68	-	8	20	28	-	-	-	-	-
\$100,000 or more	68	2	7	14	24	3	-	-	-	3
Production expenses paid by landlords <sup>3</sup> farms \$1,000	216	-	19	109	40	9	-	-	-	9
	1,170	-	33	372	188	38	-	-	-	38
Depreciation expenses claimed (see text) farms \$1,000	1,709	8	199	671	386	96	-	-	-	96
	34,498	1,188	2,930	11,451	4,687	8,602	-	-	-	8,602
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>										
Net cash farm income of operations (see text) farms \$1,000	5,438	26	593	2,317	1,225	234	-	-	-	234
Average per farm dollars	98,145	(D)	13,892	42,207	38,722	4,626	-	-	-	4,626
	18,048	(D)	23,427	18,216	31,609	19,769	-	-	-	19,769
Farms with net gains <sup>4</sup> number	3,278	3	437	1,320	1,022	168	-	-	-	168
Average net gain dollars	41,991	(D)	36,426	40,706	42,049	53,226	-	-	-	53,226
Gain of- Less than \$1,000	400	-	25	229	92	20	-	-	-	20
\$1,000 to \$4,999	1,022	-	122	489	227	61	-	-	-	61
\$5,000 to \$9,999	575	-	105	263	146	25	-	-	-	25
\$10,000 to \$24,999	587	1	76	200	215	35	-	-	-	35
\$25,000 to \$49,999	311	-	49	87	132	11	-	-	-	11
\$50,000 or more	383	1	60	52	210	16	-	-	-	16
Farms with net losses number	2,160	23	156	997	203	66	-	-	-	66
Average net loss dollars	18,287	196,870	12,988	11,559	20,948	65,395	-	-	-	65,395
Loss of- Less than \$1,000	370	1	21	203	45	8	-	-	-	8
\$1,000 to \$4,999	752	7	84	350	40	18	-	-	-	18
\$5,000 to \$9,999	329	-	18	155	20	11	-	-	-	11
\$10,000 to \$24,999	404	1	12	176	62	3	-	-	-	3
\$25,000 to \$49,999	159	8	14	75	10	7	-	-	-	7
\$50,000 or more	146	6	7	38	26	19	-	-	-	19
Net cash farm income of operators (see text) farms \$1,000	5,438	26	593	2,317	1,225	234	-	-	-	234
Average per farm dollars	98,563	(D)	13,870	43,303	38,400	4,651	-	-	-	4,651
	18,125	(D)	23,389	18,689	31,347	19,875	-	-	-	19,875
Operators reporting net gains <sup>4</sup> farms	3,283	3	437	1,329	1,022	168	-	-	-	168
Average net gain dollars	42,210	(D)	36,387	41,289	42,120	53,150	-	-	-	53,150
Gain of- Less than \$1,000	372	-	17	221	92	20	-	-	-	20
\$1,000 to \$4,999	1,046	-	130	486	235	61	-	-	-	61
\$5,000 to \$9,999	594	-	112	276	138	25	-	-	-	25
\$10,000 to \$24,999	580	1	69	201	215	35	-	-	-	35
\$25,000 to \$49,999	304	1	49	87	132	11	-	-	-	11
\$50,000 or more	387	1	60	58	210	16	-	-	-	16
Operators reporting net losses farms	2,155	23	156	988	203	66	-	-	-	66
Average net loss dollars	18,567	198,860	13,023	11,710	22,890	64,823	-	-	-	64,823
Loss of- Less than \$1,000	374	1	12	216	45	8	-	-	-	8
\$1,000 to \$4,999	739	7	93	328	40	18	-	-	-	18
\$5,000 to \$9,999	331	-	18	155	20	11	-	-	-	11
\$10,000 to \$24,999	402	1	12	176	61	3	-	-	-	3
\$25,000 to \$49,999	161	8	14	75	10	7	-	-	-	7
\$50,000 or more	148	6	7	38	27	19	-	-	-	19
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>										
Total farms \$1,000	1	(D)	-	-	-	-	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>										
Total income from farm-related sources, gross before taxes and expenses (see text) farms \$1,000	449	1	42	157	106	24	-	-	-	24
	19,237	(D)	1,193	7,750	2,972	2,777	-	-	-	2,777
Customwork and other agricultural services farms \$1,000	181	1	20	66	50	14	-	-	-	14
	7,448	(D)	460	4,889	870	758	-	-	-	758
Gross cash rent or share payments farms \$1,000	103	-	11	37	17	4	-	-	-	4
	3,482	-	322	(D)	118	(D)	-	-	-	(D)
Sales of forest products, excluding Christmas trees and maple products farms \$1,000	21	-	2	6	1	1	-	-	-	1
	243	-	(D)	(D)	(D)	(D)	-	-	-	(D)
Recreational services (see text) farms \$1,000	24	-	2	2	2	2	-	-	-	2
	1,607	-	(D)	(D)	(D)	(D)	-	-	-	(D)

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) .... farms \$1,000	255 4,325	34 591	6 1,758	37 (D)	21 632	62 203	73 4,567
Farms with expenses of- \$1 to \$4,999 ..... \$5,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 to \$99,999 ..... \$100,000 or more .....	188 50 39 38 6	21 8 1 3 2	- 1 1 4	35 - 1 - -	11 6 2 - 2	55 6 1 1 -	51 13 4 4
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	35 396	1 (D)	- -	1 (D)	- -	- -	2 (D)
Depreciation expenses claimed (see text) .... farms \$1,000	200 3,170	25 434	3 828	7 59	17 251	28 42	69 857
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text) .... farms \$1,000	509 -4,468	50 1,034	15 3,907	97 (D)	70 426	121 -151	181 489
Average per farm ..... dollars	-8,778	20,674	260,457	(D)	6,081	-1,248	2,702
Farms with net gains <sup>4</sup> .... number	162	28	5	35 (D)	35 22,238	7 57,543	56 49,914
Average net gain ..... dollars	21,828	56,048	935,451				
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	23 52 10 50 10 17	- 16 - 1 8 3	- - - - 5 5	- 25 5 1 4 4	11 10 6 1 2 5	- - - - 1 1	- 20 15 11 11 9
Farms with net losses ..... number	347	22	10	62 5,338	35 10,076	114 4,858	125 18,449
Average net loss ..... dollars	23,066	24,347	77,040				
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- 143 52 86 27 39	- 11 9 - - 2	- 7 - - 2 3	20 11 29 2 - -	30 1 - 2 - 2	34 52 9 18 - 1	8 46 17 35 16 3
Net cash farm income of operators (see text) .... farms \$1,000	509 -4,270	50 861	15 3,907	97 (D)	70 34	121 -151	181 529
Average per farm ..... dollars	-8,388	17,214	260,457	(D)	489	-1,248	2,920
Operators reporting net gains <sup>4</sup> .... farms	161	28	5	35 (D)	32 16,924	7 57,543	56 50,620
Average net gain ..... dollars	22,590	49,869	935,451				
Gain of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	11 63 17 42 11 17	- 16 - 9 5 3	- - - - 1 5	- 25 5 - 1 4	11 10 6 1 1 3	- - - - 1 1	- 20 15 11 11 9
Operators reporting net losses ..... farms	348	22	10	62 5,338	38 13,352	114 4,858	125 18,449
Average net loss ..... dollars	22,720	24,347	77,040				
Loss of- Less than \$1,000 ..... \$1,000 to \$4,999 ..... \$5,000 to \$9,999 ..... \$10,000 to \$24,999 ..... \$25,000 to \$49,999 ..... \$50,000 or more .....	- 143 53 85 28 39	- 11 9 - - 2	- 7 - - 2 3	20 11 29 2 - 3	30 1 - 2 1 1	34 52 9 18 - 1	8 46 17 35 16 3
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total ..... farms \$1,000	-	-	-	-	-	-	1 (D)
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	57 1,600	5 1,430	3 (D)	7 (D)	6 136	5 (D)	36 1,110
Customwork and other agricultural services ..... farms \$1,000	12 (D)	3 (D)	- -	1 (D)	- -	2 (D)	12 23
Gross cash rent or share payments ..... farms \$1,000	22 563	1 (D)	- -	2 (D)	2 (D)	2 (D)	5 (D)
Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000	8 (D)	2 (D)	- -	- -	- -	- -	1 (D)
Recreational services (see text) ..... farms \$1,000	9 237	1 (D)	- -	- -	- -	- -	1 (D)

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)		Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>										
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.										
Patronage dividends and refunds from cooperatives (see text) farms \$1,000	40	-	1	18	3		-	-	-	-
90	(D)		5	(D)						
Other farm-related income sources (see text) farms \$1,000	134	-	9	36	37		8	-	-	8
6,368	339	917	1,961	(D)			(D)			(D)
<b>LAND USE</b>										
Total cropland farms acres	4,755	24	548	2,362	1,264		233	-	-	233
211,120	7,875	10,869	60,385	40,951	55,811					55,811
Harvested cropland farms acres	4,522	13	548	2,362	1,264		230	-	-	230
109,461	4,575	(D)	44,257	28,667	(D)					(D)
Farms by acres harvested:										
1 to 49 acres	4,415	4	532	2,306	1,247		223	-	-	223
50 to 99 acres	49	2	9	23	11		3	-	-	3
100 to 199 acres	23	-	5	13	3		2	-	-	2
200 to 499 acres	15	4	-	9	1		-	-	-	-
500 to 999 acres	6	2	-	3	1		-	-	-	-
1,000 to 1,999 acres	5	1	2	-	-		-	-	-	-
2,000 acres or more	9	-	-	6	1		2	-	-	2
Cropland- For pasture or grazing only	farms acres	451	2	29	129	61	17	-	-	17
36,540	(D)	(D)	180	1,654	2,900	954	-	-	-	954
On which all crops failed	farms acres	200	4	33	88	34	25	-	-	25
1,407	(D)	(D)	(D)	(D)	127	275	-	-	-	275
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text)	farms acres	61,558	19	110	384	219	72	-	-	72
61,559	2,756	(D)	19	13,848	9,214	(D)	(D)	-	-	(D)
In cultivated summer fallow	farms acres	55	3	17	6	6	8	-	-	8
2,153	445	(D)	(D)	(D)	43	109	-	-	-	109
Total woodland farms acres	308	2	18	155	54		13	-	-	13
117,685	(D)	(D)	(D)	(D)	1,163	206				206
Woodland pastured	farms acres	86	-	-	33	9	4	-	-	4
41,467	-	-	-	(D)	(D)	(D)	101	-	-	101
Woodland not pastured	farms acres	248	2	14	132	48	9	-	-	9
76,218	(D)	(D)	116	6,613	(D)	105	-	-	-	105
Pastureland and rangeland, other than cropland and woodland pastured (see text)	farms acres	858	4	25	137	67	21	-	-	21
852,626	(D)	(D)	(D)	(D)	7,352	(D)				(D)
Land in house lots, ponds, roads, wasteland, etc.	farms acres	1,973	12	184	775	464	86	-	-	86
119,068	333	2,228	17,161	(D)	(D)	(D)				(D)
Irrigated land farms acres	2,231	13	388	611	984	144	-	-	-	144
69,194	(D)	6,440	21,510	4,657	(D)	(D)				(D)
Harvested cropland farms acres	2,174	11	388	608	983	144	-	-	-	144
58,691	(D)	(D)	21,428	(D)	(D)	(D)				(D)
Pastureland and other land farms acres	111	2	13	20	17	6	-	-	-	6
10,503	(D)	(D)	82	(D)	(D)	(D)				(D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>										
Land enrolled in Conservation Reserve or Wetlands Reserve Programs	farms acres	5	-	1	1	1	1	-	-	1
243	(D)	(D)	(D)	(D)	(D)	(D)				(D)
Land used to raise certified organically produced crops (see text)	farms acres	126	-	20	70	21	13	-	-	13
780	(D)	(D)	82	561	(D)	68	-	-	-	68
Land enrolled in Federal or other crop insurance programs (see text)	farms acres	185	2	29	60	68	10	-	-	10
27,759	(D)	367	14,829	1,272	1,272	124	-	-	-	124
<b>VALUE OF LAND AND BUILDINGS <sup>2</sup></b>										
Estimated market value of land and buildings	farms \$1,000	5,438	26	593	2,317	1,225	234	-	-	234
4,583,552	52,378	2,014,543	249,730	1,192,132	595,781	379,633	-	-	-	379,633
Average per farm	dollars	842,875	5,831	421,131	514,515	486,352	1,622,364	-	-	1,622,364
Average per acre	dollars	3,507	18,909	13,931	10,950	3,298	-	-	-	3,298
Farms by value group:										
\$1 to \$49,999		563	-	108	216	119	60	-	-	60
\$50,000 to \$99,999		556	-	54	276	145	25	-	-	25
\$100,000 to \$199,999		839	1	119	338	205	45	-	-	45
\$200,000 to \$499,999		1,643	8	161	869	387	15	-	-	15
\$500,000 to \$999,999		1,000	1	78	396	263	32	-	-	32
\$1,000,000 to \$1,999,999		442	1	60	142	67	26	-	-	26
\$2,000,000 to \$4,999,999		279	12	8	63	32	28	-	-	28
\$5,000,000 to \$9,999,999		67	3	4	5	1	1	-	-	1
\$10,000,000 or more		49	-	1	12	2	2	-	-	2

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	4 (D)	3 (D)	3 (D)	4 (D)	4 (D)	-	-
Other farm-related income sources (see text) .... farms \$1,000	17 490	3 (D)	1 (D)	2 (D)	2 (D)	1 (D)	18 1,038
<b>LAND USE</b>							
Total cropland .... farms acres	25,284 (D)	169 (D)	278 (D)	251 (D)	296 (D)	31 (D)	68 3,283
Harvested cropland .... farms acres	38 (D)	1 (D)	1 (D)	7 (D)	12 (D)	9 (D)	37 37 75
Farms by acres harvested:							
1 to 49 acres ....	37	1	-	7	12	9	37
50 to 99 acres ....	-	-	1	-	-	-	-
100 to 199 acres ....	-	-	-	-	-	-	-
200 to 499 acres ....	1	-	-	-	-	-	-
500 to 999 acres ....	-	-	-	-	-	-	-
1,000 to 1,999 acres ....	-	-	-	-	-	-	-
2,000 acres or more ....	-	-	-	-	-	-	-
Cropland- For pasture or grazing only .... farms acres	21,506 (D)	134 (D)	3 (D)	14 (D)	6 (D)	19 (D)	30 (D)
On which all crops failed .... farms acres	6 (D)	-	1 (D)	195 (D)	167 (D)	3 (D)	2 (D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms acres	3,071 (D)	24 (D)	1 (D)	3 (D)	5 (D)	5 (D)	15 215 (D)
In cultivated summer fallow .... farms acres	-	-	-	-	-	-	-
Total woodland .... farms acres	67,794 (D)	38 (D)	2 (D)	3 (D)	2 (D)	5 (D)	16 (D)
Woodland pastured .... farms acres	67,794 (D)	22 (D)	-	3 (D)	-	-	6 (D)
Woodland not pastured .... farms acres	67,794 (D)	23 (D)	-	1 (D)	2 (D)	4 (D)	11 (D)
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms acres	688,436 (D)	433 (D)	22 (D)	9 (D)	27 (D)	4 (D)	44 (D)
Land in house lots, ponds, roads, wasteland, etc. .... farms acres	64,563 (D)	181 (D)	9 (D)	8 (D)	94 (D)	41 (D)	21 336 779
Irrigated land .... farms acres	3,403 (D)	37 (D)	2 (D)	2 (D)	7 (D)	6 (D)	7 55 192
Harvested cropland .... farms acres	101 (D)	14 (D)	1 (D)	1 (D)	1 (D)	3 (D)	2 18 34
Pastureland and other land .... farms acres	3,302 (D)	23 (D)	1 (D)	6 (D)	3 (D)	6 (D)	6 13 158
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms acres	1 (D)	-	-	-	-	-	-
Land used to raise certified organically produced crops (see text) .... farms acres	1 (D)	-	-	-	-	-	-
Land enrolled in Federal or other crop insurance programs (see text) .... farms acres	10,625 (D)	7 (D)	2 (D)	-	1 (D)	1 (D)	1 (D)
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>							
Estimated market value of land and buildings .... farms \$1,000	1,389,805 2,730,462 1,617	509 192,347 3,846,941 2,852	50 24,009 1,600,585 1,658	15 76,537 789,044 6,985	97 879,650 140,263	70 61,576 879,650 140,263	121 132,227 1,092,783 2,523
Average per farm dollars							181 237,397 1,311,585 9,859
Average per acre dollars							
Farms by value group:							
\$1 to \$49,999 ....	18	-	1	26	6	6	3
\$50,000 to \$99,999 ....	40	-	-	5	1	-	10
\$100,000 to \$199,999 ....	43	9	-	11	13	36	19
\$200,000 to \$499,999 ....	74	8	7	16	26	22	50
\$500,000 to \$999,999 ....	119	8	2	29	12	30	30
\$1,000,000 to \$1,999,999 ....	84	11	1	9	3	9	29
\$2,000,000 to \$4,999,999 ....	73	4	3	-	9	16	31
\$5,000,000 to \$9,999,999 ....	31	8	1	-	-	1	8
\$10,000,000 or more ....	27	2	-	1	-	1	1

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>									
Estimated market value of all machinery and equipment	5,234 \$1,000	186,163	4,630	593 20,664	2,272 53,036	1,225 25,348	234 38,254	-	-
Farms by value group:									
\$1 to \$4,999	2,222	1	180	1,091	598	55	-	-	55
\$5,000 to \$9,999	885	60	500	140	72	-	-	-	52
\$10,000 to \$19,999	834	7	131	352	154	32	-	-	32
\$20,000 to \$49,999	739	2	148	226	226	-	-	-	15
\$50,000 to \$99,999	273	1	48	55	51	15	-	-	14
\$100,000 to \$999,999	149	2	28	38	38	23	-	-	23
\$200,000 to \$499,999	89	2	11	17	17	13	-	-	13
\$500,000 or more	45	4	9	2	2	10	-	-	10
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>									
Tractors	2,896 farms	18	481	1,014	628	138	-	-	138
number	5,220	77	1,159	1,671	1,004	319	-	-	319
Less than 40 horsepower (PTO)	2,149 farms	13	373	741	522	96	-	-	96
number	3,111	25	616	1,007	765	140	-	-	140
40 to 99 horsepower (PTO)	962 farms	9	189	339	148	57	-	-	57
number	1,715	32	445	585	203	125	-	-	125
100 horsepower (PTO) or more	230 farms	7	47	43	31	16	-	-	16
number	394	20	98	79	36	54	-	-	54
Grain and bean combines	6 farms	2	-	2	-	1	-	-	1
number	8	(D)	-	(D)	-	(D)	-	-	(D)
Cotton pickers and strippers	- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	4 farms	-	-	-	-	1	-	-	1
number	4	-	-	-	-	(D)	-	-	(D)
Hay balers	14 farms	14	-	1	-	9	-	-	9
number	16	-	-	(D)	-	9	-	-	9
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>									
Commercial fertilizer, lime, and soil conditioners	4,042 farms	10	521	2,091	1,049	205	-	-	205
acres treated	127,906	4,161	(D)	42,501	15,357	(D)	-	-	(D)
Manure	730 farms	-	149	272	209	46	-	-	46
acres treated	3,812	-	559	1,748	711	75	-	-	75
Acres treated with chemicals to control:									
Insects	1,840 farms	9	383	662	660	79	-	-	79
acres	41,616	(D)	6,216	27,574	2,222	(D)	-	-	(D)
Weeds, grass, or brush	2,820 farms	18	353	1,524	678	145	-	-	145
acres	101,258	2,828	5,973	38,063	3,294	(D)	-	-	(D)
Nematodes	275 farms	2	75	95	78	25	-	-	25
acres	8,169	(D)	1,047	6,487	362	(D)	-	-	(D)
Diseases in crops and orchards	800 farms	7	188	243	301	44	-	-	44
acres	30,824	1,497	3,296	24,452	1,061	425	-	-	425
Chemicals used to control growth, thin fruit, or defoliate	216 farms	1	26	102	66	13	-	-	13
acres on which used	26,378	(D)	144	(D)	265	(D)	-	-	(D)
<b>TENURE</b>									
Full owners	3,202 farms	8	243	1,543	889	75	-	-	75
Part owners	589 farms	8	70	173	112	33	-	-	33
Tenants	1,607 farms	8	235	646	263	125	-	-	125
<b>OWNED AND RENTED LAND</b>									
Land owned	3,801 farms	16	313	1,720	1,002	109	-	-	109
acres	700,691	1,008	2,668	57,857	14,556	(D)	-	-	(D)
Owned land in farms	3,791 farms	16	313	1,716	1,001	108	-	-	108
acres	673,158	(D)	41,709	14,276	(D)	(D)	-	-	(D)
Land rented or leased from others	2,205 farms	16	305	824	377	158	-	-	158
acres	654,426	(D)	12,697	48,361	42,029	(D)	-	-	(D)
Rented or leased land in farms	2,196 farms	16	305	819	375	158	-	-	158
acres	627,341	(D)	46,652	(D)	(D)	(D)	-	-	(D)
Land rented or leased to others	204 farms	-	18	83	44	12	-	-	12
acres	54,618	-	1,627	(D)	509	(D)	-	-	(D)
<b>NUMBER OF OPERATORS</b>									
Total operators	8,009 number	41	813	3,444	1,908	330	-	-	330
Farms by number of operators:									
1 operator	3,306	15	335	1,453	772	153	-	-	153
2 operators	1,767	5	179	800	406	67	-	-	67
3 operators	1,237	3	23	82	60	10	-	-	10
4 operators	45	-	6	13	14	2	-	-	2
5 or more operators	43	1	5	14	12	1	-	-	1
Total women operators	2,652 number	7	272	1,185	669	85	-	-	85
Farms by number of women operators:									
1 operator	2,273	7	228	1,034	568	71	-	-	71
2 operators	148	-	16	57	38	7	-	-	7
3 operators	16	-	4	6	3	-	-	-	-
4 operators	2	-	-	1	1	-	-	-	-
5 or more operators	3	-	-	2	1	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Estimated market value of all machinery and equipment .....	farms \$1,000	451 26,304	50 1,987	8 1,653	97 1,275	62 2,323	105 4,631
Farms by value group:							
\$1 to \$4,999 .....		98	25	-	37 41	32 1	83
\$5,000 to \$9,999 .....		61	-	-	8 8	22 8	22 8
\$10,000 to \$19,999 .....		12	-	-	13 11	13 11	17 14
\$20,000 to \$49,999 .....		46	11	1	22 22	48 2	48 14
\$50,000 to \$99,999 .....		68	10	3	1 1	7 1	5 3
\$100,000 to \$499,999 .....		30	3	3	1 1	1 1	1 1
\$500,000 or more .....		33	2	-	1 1	6	2
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Tractors .....	farms number	299 533	34 42	8 20	68 96	51 98	61 87
Less than 40 horsepower (PTO) .....	farms number	176 250	32 (D)	2 (D)	35 56	46 90	60 53
40 to 99 horsepower (PTO) .....	farms number	124 (D)	3 8	7 14	25 (D)	6 8	18 26
100 horsepower (PTO) or more .....	farms number	63 (D)	1 (D)	3 (D)	9 (D)	- -	8 (D)
Grain and bean combines .....	farms number	- -	- (D)	- -	- -	- -	- -
Cotton pickers and strippers .....	farms number	- -	- -	- -	- -	- -	- -
Forage harvesters, self-propelled (see text) .....	farms number	1 (D)	- (D)	1 (D)	- -	- -	1 (D)
Hay balers .....	farms number	2 (D)	- (D)	1 (D)	- -	- -	1 (D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners .....	farms	92	-	-	2 (D)	2 (D)	29 224
Manure .....	acres treated farms	10,851 17 (D)	-	-	9 180	- -	6 24
Acres treated with chemicals to control insects .....	farms acres	17 1,596	-	-	2 (D)	2 (D)	15 14
Weeds, grass, or brush .....	farms acres	51 19,538	3 (D)	1 (D)	1 (D)	- -	136 32
Nematodes .....	farms acres	- -	- -	- -	- -	- -	- (D)
Diseases in crops and orchards .....	farms acres	9 55	-	-	1 (D)	6 -	1 (D)
Chemicals used to control growth, thin fruit, or defoliate .....	farms acres on which used	8 8	-	-	- -	- -	- -
<b>TENURE</b>							
Full owners .....	farms	203	13	7 1	62 10	41 1	32 16
Part owners .....	farms	132	12	-	-	-	21
Tenants .....	farms	191	5	5	43	9	17
<b>OWNED AND RENTED LAND</b>							
Land owned .....	farms acres	338 454,623	25 (D)	8 6	72 (D)	42 624	49 48
Owned land in farms .....	farms acres	335 452,297	25 (D)	8 (D)	72 (D)	42 608	48 (D)
Land rented or leased from others .....	farms acres	324 (D)	17 30,855	6 4,870	54 672	10 52	33 5,333
Rented or leased land in farms .....	farms acres	323 (D)	17 (D)	6 664	53 52	81 10	81 3,789
Land rented or leased to others .....	farms acres	27 25,304	2 (D)	2 (D)	6 11	3 (D)	3 (D)
<b>NUMBER OF OPERATORS</b>							
Total operators .....	number	763	54	23	191	85	91
Farms by number of operators:							
1 operator .....		339	15	7	53	24	42
2 operators .....		147	11	3	49	23	22
3 operators .....		32	3	2	12	2	55
4 operators .....		6	-	1	1	1	8
5 or more operators .....		2	1	-	-	1	1
Total women operators .....	number	197	14	6	57	26	29
Farms by number of women operators:							
1 operator .....		170	14	2	47	21	27
2 operators .....		12	-	2	5	1	9
3 operators .....		1	-	-	-	1	1
4 operators .....		-	-	-	-	-	-
5 or more operators .....		-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)		Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193-11194 11199)
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>										
Sex of operator:										
Male .....	4,338	22	456	1,888	959	203	-	-	203	
Female .....	1,060	2	92	474	305	30	-	-	30	
Primary occupation:										
Farming .....	3,125	13	412	1,272	722	144	-	-	144	
Other .....	2,273	11	136	1,090	542	89	-	-	89	
Place of residence:										
On farm operated .....	3,538	10	325	1,619	893	105	-	-	105	
Not on farm operated .....	1,860	14	223	743	371	128	-	-	128	
Days worked off farm:										
None .....	2,786	14	349	1,086	727	128	-	-	128	
Any .....	2,612	10	199	1,276	537	105	-	-	105	
1 to 49 days .....	332	2	29	155	75	16	-	-	16	
50 to 99 days .....	226	2	13	133	46	7	-	-	7	
100 to 199 days .....	393	3	25	195	80	18	-	-	18	
200 days or more .....	1,661	5	132	793	336	64	-	-	64	
Years on present farm:										
2 years or less .....	322	1	27	162	61	20	-	-	20	
3 or 4 years .....	547	8	52	252	117	17	-	-	17	
5 to 9 years .....	1,194	6	140	515	261	61	-	-	61	
10 years or more .....	3,335	9	329	1,433	825	135	-	-	135	
Average years on present farm .....	15.5	11.2	14.9	15.1	15.4	15.4	-	-	15.4	
Age group:										
Under 25 years .....	14	-	3	3	4	-	-	-	-	
25 to 34 years .....	154	-	19	54	25	15	-	-	15	
35 to 44 years .....	720	4	112	258	176	45	-	-	45	
45 to 49 years .....	822	3	79	347	223	51	-	-	51	
50 to 54 years .....	950	7	96	416	221	40	-	-	40	
55 to 59 years .....	796	4	70	383	181	24	-	-	24	
60 to 64 years .....	504	3	50	231	104	16	-	-	16	
65 to 69 years .....	426	1	31	211	99	14	-	-	14	
70 years and over .....	1,012	2	88	459	231	28	-	-	28	
Average age .....	56.5	53.7	54.2	57.4	56.3	52.2	-	-	52.2	
Spanish, Hispanic, or Latino origin (see text) .....	241	1	22	101	34	15	-	-	15	
Race:										
White .....	2,148	12	109	1,011	483	64	-	-	64	
Black or African American .....	12	-	7	4	-	-	-	-	-	
American Indian or Alaska Native .....	30	-	7	14	3	-	-	-	-	
Native Hawaiian or Other Pacific Islander .....	424	5	19	145	76	35	-	-	35	
Asian .....	2,090	6	374	871	565	101	-	-	101	
More than one race reported .....	694	1	39	314	133	33	-	-	33	
Operators living on an American Indian reservation .....	-	-	-	-	-	-	-	-	-	
Farms by number of persons living in operator's household:										
1 person .....	780	2	60	358	169	48	-	-	48	
2 people .....	2,189	15	169	1,004	543	61	-	-	61	
3 people .....	919	6	102	388	241	34	-	-	34	
4 people .....	796	1	104	315	185	40	-	-	40	
5 or more people .....	714	-	113	297	126	50	-	-	50	
Percent of operator's total household income from farming:										
Less than 25 percent .....	3,134	12	227	1,554	617	110	-	-	110	
25 to 49 percent .....	555	-	65	238	163	25	-	-	25	
50 to 74 percent .....	405	-	57	157	114	14	-	-	14	
75 to 99 percent .....	213	-	33	64	77	16	-	-	16	
100 percent .....	723	-	136	251	194	52	-	-	52	
Operator is a hired manager .....	farms	330	12	30	98	99	16	-	16	
	acres	789,520	7,593	3,137	55,679	(D)	(D)	-	(D)	
Farms with-										
Computer for farm business .....	2,173	17	162	874	667	71	-	-	71	
Internet access .....	2,613	17	202	1,140	729	85	-	-	85	
Farms by number of households sharing in net income of farm:										
1 household .....	4,037	12	382	1,812	954	174	-	-	174	
2 households .....	717	-	89	324	155	25	-	-	25	
3 households .....	146	-	18	61	23	10	-	-	10	
4 households .....	78	-	11	35	15	4	-	-	4	
5 households or more .....	90	-	18	32	18	4	-	-	4	
<b>FARMS BY TYPE OF ORGANIZATION</b>										
Family or individual .....	farms	4,629	8	486	2,120	1,015	203	-	203	
	acres	329,179	(D)	4,635	(D)	10,594	2,936	-	2,936	
Partnership .....	farms	225	1	13	91	57	99	-	99	
	acres	116,737	(D)	258	9,712	(D)	96	-	96	
Registered under state law .....	farms	182	-	6	70	54	8	-	8	
	acres	114,417	-	192	9,379	(D)	92	-	92	

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male .....	459	24	12	98	46	53	118
Female .....	67	6	1	17	5	12	49
Primary occupation:							
Farming .....	303	19	8	62	29	39	102
Other .....	223	11	5	53	22	26	65
Place of residence:							
On farm operated .....	276	20	9	80	36	51	114
Not on farm operated .....	250	10	4	35	15	14	53
Days worked off farm:							
None .....	255	15	7	56	35	27	87
Any .....	271	15	6	59	16	38	80
1 to 49 days .....	31	2	-	2	2	4	14
50 to 99 days .....	19	1	-	3	1	1	2
100 to 199 days .....	37	2	2	6	2	10	13
200 days or more .....	184	10	4	48	11	23	51
Years on present farm:							
2 years or less .....	22	1	1	13	2	3	9
3 or 4 years .....	45	3	3	13	8	14	15
5 to 9 years .....	102	4	4	26	10	18	47
10 years or more .....	357	22	5	63	31	30	96
Average years on present farm .....	18.6	23.5	10.4	16.3	18.8	12.4	13.7
Age group:							
Under 25 years .....	1	-	-	3	-	-	-
25 to 34 years .....	19	1	-	9	3	4	5
35 to 44 years .....	68	3	3	14	4	5	28
45 to 49 years .....	56	1	1	16	5	16	24
50 to 54 years .....	87	4	5	15	9	13	38
55 to 59 years .....	76	3	1	12	8	11	22
60 to 64 years .....	45	9	1	14	5	5	22
65 to 69 years .....	38	3	-	11	3	6	9
70 years and over .....	136	10	2	21	11	5	19
Average age .....	58.4	62.2	55.2	54.5	57.6	53.4	54.1
Spanish, Hispanic, or Latino origin (see text) .....	36	4	2	8	2	8	8
Race:							
White .....	259	16	7	37	18	34	98
Black or African American .....	-	-	-	-	-	-	-
American Indian or Alaska Native .....	3	-	-	-	1	1	1
Native Hawaiian or Other Pacific Islander .....	90	1	1	18	5	9	20
Asian .....	65	9	2	40	23	6	28
More than one race reported .....	109	4	3	20	4	14	20
Operators living on an American Indian reservation .....	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person .....	67	2	-	12	11	9	42
2 people .....	237	17	5	30	21	27	60
3 people .....	81	4	3	20	6	9	25
4 people .....	73	6	3	25	8	11	25
5 or more people .....	68	1	2	28	5	9	15
Percent of operator's total household income from farming:							
Less than 25 percent .....	359	24	2	65	30	44	90
25 to 49 percent .....	61	2	2	13	7	8	8
50 to 74 percent .....	23	1	2	21	4	3	6
75 to 99 percent .....	10	-	4	9	3	1	6
100 percent .....	33	-	-	-	4	6	34
Operator is a hired manager .....	farms 40 517,535	acres 220,881	(D) 9,478	(D) 7	(D) 1,131	(D) 40 487	(D) 59 (D)
Farms with-							
Computer for farm business .....	192	11	10	25	20	28	96
Internet access .....	217	12	11	34	23	36	107
Farms by number of households sharing in net income of farm:							
1 household .....	384	16	8	85	35	51	124
2 households .....	56	7	-	22	10	10	19
3 households .....	23	3	2	2	2	-	2
4 households .....	11	-	-	-	-	-	2
5 households or more .....	12	1	-	2	1	1	1
<b>FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual .....	farms 444	acres 220,881	(D) 9,478	(D) 7	(D) 1,131	(D) 40 487	(D) 59 (D)
Partnership .....	farms 27	acres 93,831	(D) 2	(D) 2	(D) 11	(D) 3	(D) 1
Registered under state law .....	farms 21	acres 92,398	(D) 1	(D) 2	(D) 10	(D) 3	(D) 7
See footnote(s) at end of table.							

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>									
Corporation .....	farms acres farms	713,539 392 344,755	2 (D) (D)	44 (D) 8,447	130 105 18,604	44,727 157 (D)	17 (D) (D)	-	-
Family held .....	farms acres farms	368 24 11	- (D) 1	36 2 6	99 6 20	152 5 26	11 1 3	-	11 (D) (D)
More than 10 stockholders .....	farms	368	-	36	99	152	11	-	-
10 or less stockholders .....	farms	-	-	-	-	-	-	-	-
Other than family held .....	farms acres farms	368,784 11 69	80 (D) 1	6 (D) 6	25 5 20	28 (D) 2	5 (D) 2	-	5 (D) (D)
More than 10 stockholders .....	farms	368,784	80	6	25	28	5	-	-
10 or less stockholders .....	farms	11	(D)	5	5	(D) 2	(D) 2	-	3
Other-cooperative, estate or trust, institutional, etc .....	farms acres	141,044	72 (D)	13 (D)	5 (D)	21 (D)	7 (D)	4 (D)	4 (D)
<b>H HIRED FARM LABOR</b>									
Hired farm labor .....	farms workers	1,527 12,640	10	216	610	359	89	-	89
Workers by days worked:									
150 days or more .....	farms workers	834 7,185	9	144	253	244	41	-	41
Less than 150 days .....	farms workers	1,141 5,455	6 285	140 814	2,005 2,888	1,718 745	1,211 305	-	1,211 305
Migrant farm labor on farms with hired labor (see text) .....	farms	189	1	28	106	33	9	-	9
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	-	1	42	-	-	-	-
<b>F FARMS BY SIZE</b>									
1 to 9 acres .....		3,440	1	370	1,669	968	151	-	151
10 to 49 acres .....		1,309	8	150	567	250	58	-	58
50 to 69 acres .....		130	2	10	36	14	8	-	8
70 to 99 acres .....		81	-	3	17	10	-	-	7
100 to 139 acres .....		82	-	8	16	4	2	-	2
140 to 179 acres .....		42	-	3	9	4	-	-	-
180 to 219 acres .....		34	2	-	12	4	-	-	-
220 to 249 acres .....		19	-	-	5	3	1	-	1
250 to 499 acres .....		93	4	2	13	1	2	-	2
500 to 999 acres .....		61	2	-	8	1	2	-	2
1,000 to 1,999 acres .....		41	4	-	3	2	-	-	-
2,000 acres or more .....		66	-	2	7	3	2	-	2
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>									
Oilseed and grain farming (1111) .....		24	24	-	-	-	-	-	-
Vegetable and melon farming (1112) .....		548	-	548	-	-	-	-	-
Fruit and tree nut farming (1113) .....		2,362	-	2,362	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114) .....		1,264	-	-	-	1,264	-	-	-
Other crop farming (1119) .....		233	-	-	-	-	233	-	233
Tobacco farming (11191) .....		-	-	-	-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199) .....		233	-	-	-	-	233	-	233
Beef cattle ranching and farming (112111) .....		526	-	-	-	-	-	-	-
Cattle feedlots (112112) .....		30	-	-	-	-	-	-	-
Dairy cattle and milk production (11212) .....		13	-	-	-	-	-	-	-
Hog and pig farming (1122) .....		115	-	-	-	-	-	-	-
Poultry and egg production (1123) .....		51	-	-	-	-	-	-	-
Sheep and goat farming (1124) .....		65	-	-	-	-	-	-	-
Animal aquaculture and other animal production (1125, 1129) .....		167	-	-	-	-	-	-	-
<b>L LIVESTOCK</b>									
Cattle and calves inventory .....	farms number	748 154,308	1 (D)	9 (D)	75 918	33 725	17 1,970	-	17 1,970
Farms with-									
1 to 9 .....		235	1	8	52	19	9	-	9
10 to 49 .....		248	-	1	19	11	5	-	5
50 to 99 .....		84	-	-	3	1	-	-	-
100 to 199 .....		73	-	-	1	1	2	-	2
200 to 499 .....		54	-	-	-	1	-	-	-
500 or more .....		54	-	-	-	-	1	-	1
Cows and heifers that had calved .....	farms number	597 89,742	1 (D)	6 (D)	50 564	25 488	13 1,098	-	13 1,098
Beef cows .....	farms number	578 83,277	1 (D)	5 (D)	46 556	24 (D)	13 1,098	-	13 1,098
Farms with-									
1 to 9 .....		183	1	5	28	16	6	-	6
10 to 49 .....		210	-	-	16	6	4	-	4
50 to 99 .....		68	-	-	2	-	2	-	2
100 to 199 .....		53	-	-	-	2	-	-	-
200 to 499 .....		26	-	-	-	-	-	-	-
500 or more .....		38	-	-	-	-	1	-	1

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation .....	farms 425,792	47 (D) 42 (D) 3	3 (D) 3 (D) 1	3 (D) 144 6 (D) 3	7 94 8 94 1	8 94 8 94 7	5 (D) 4 96 1 4
Family held .....	farms 38	4 (D) 2 1	-	-	1 (D)	-	21 (D) 13 424 2 11
More than 10 stockholders .....	farms 5	-	-	-	1 (D)	-	8 (D) 2 6
10 or less stockholders .....	farms 5	-	-	-	1 (D)	-	1 (D)
Other than family held .....	farms 5	-	-	-	1 (D)	-	1 (D)
More than 10 stockholders .....	farms 5	-	-	-	1 (D)	-	1 (D)
10 or less stockholders .....	farms 5	-	-	-	1 (D)	-	1 (D)
Other-cooperative, estate or trust, institutional, etc .....	farms 8 (D)	1 (D)	1 (D)	2 (D)	-	-	10 (D)
<b>H HIRED FARM LABOR</b>							
Hired farm labor .....	farms 116 410	4 41	8 126	10 34	23 156	16 22	66 354
Workers by days worked:							
150 days or more .....	farms 62 (D)	2 (D)	8 113	9 (D)	11 77	6 12	45 224
Less than 150 days .....	farms 76 (D)	4 (D)	3 13	2 (D)	19 79	10 10	37 130
Migrant farm labor on farms with hired labor (see text) .....	farms 9	-	1	-	-	-	2
Migrant farm labor on farms reporting only contract labor (see text) .....	farms -	-	-	-	-	-	-
<b>F FARMS BY SIZE</b>							
1 to 9 acres .....	48	3 10	1 3	85 24	34 15	24 1	86 34
10 to 49 acres .....	141	3 3	3 3	1 1	1 1	1 1	49 10
50 to 69 acres .....	41	-	-	-	-	-	4
70 to 99 acres .....	33	3	-	-	-	-	4
100 to 139 acres .....	44	-	-	-	-	-	4
140 to 179 acres .....	18	-	1	1	-	-	4
180 to 219 acres .....	12	1	-	-	-	-	3
220 to 249 acres .....	6	-	-	-	-	-	3
250 to 499 acres .....	65	3	-	-	-	-	3
500 to 999 acres .....	44	2	1	-	-	-	1
1,000 to 1,999 acres .....	28	1	2	-	-	-	1
2,000 acres or more .....	43	4	1	1	-	2	1
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) .....	-	-	-	-	-	-	-
Vegetable and melon farming (1112) .....	-	-	-	-	-	-	-
Fruit and tree nut farming (1113) .....	-	-	-	-	-	-	-
Greenhouse, nursery, and floriculture production (1114) .....	-	-	-	-	-	-	-
Other crop farming (1119) .....	-	-	-	-	-	-	-
Tobacco farming (11191) .....	-	-	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....	-	-	-	-	-	-	-
Beef cattle ranching and farming (11211) .....	526	30	-	-	-	-	-
Cattle feedlots (112112) .....	-	-	-	-	-	-	-
Dairy cattle and milk production (11212) .....	-	-	13	-	-	-	-
Hog and pig farming (1122) .....	-	-	-	115	-	-	-
Poultry and egg production (1123) .....	-	-	-	-	51	-	-
Sheep and goat farming (1124) .....	-	-	-	-	-	65	-
Animal aquaculture and other animal production (1125, 1129) .....	-	-	-	-	-	-	167
<b>L LIVESTOCK</b>							
Cattle and calves inventory .....	farms 116,906	517 18,579	30 12,626	13 591	19 (D)	1 (D)	14 1,331
Farms with-							19 602
1 to 9 .....	109	8	2	8	1	10	8
10 to 49 .....	185	10	3	7	-	1	6
50 to 99 .....	67	5	1	3	-	1	3
100 to 199 .....	64	2	-	1	-	-	2
200 to 499 .....	51	1	-	-	-	1	-
500 or more .....	41	4	7	-	-	1	-
Cows and heifers that had calved .....	farms 70,913	427 8,790	23 6,450	13 390	16 (D)	1 (D)	8 (D)
Beef cows .....	farms 70,900	426 8,790	23 (D)	2 (D)	15 (D)	1 (D)	8 (D)
Farms with-							14 270
1 to 9 .....	100	7	1	7	1	4	7
10 to 49 .....	162	9	1	5	-	2	5
50 to 99 .....	57	3	-	2	-	-	2
100 to 199 .....	49	-	-	1	-	1	-
200 to 499 .....	26	-	-	-	-	-	-
500 or more .....	32	4	-	-	-	1	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193 11194 11199)
<b>LIVESTOCK - Con.</b>									
Cattle and calves inventory - Con.									
Cows and heifers that had calved - Con.									
Milk cows .....	farms number	27 6,465	-	1 (D)	4 8	1 (D)	-	-	-
Farms with- 1 to 4 .....		16	-	1	4	1	-	-	-
5 to 49 .....		2	-	-	-	-	-	-	-
10 to 49 .....		1	-	-	-	-	-	-	-
50 to 99 .....		-	-	-	-	-	-	-	-
100 to 199 .....		-	-	-	-	-	-	-	-
200 to 499 .....		-	-	-	-	-	-	-	-
500 or more .....		7	-	-	-	-	-	-	-
Other cattle (see text) .....	farms number	609 64,566	1 (D)	5 (D)	49 354	24 237	11 872	-	11 872
Cattle and calves sold .....	farms number	550 60,739	-	1 (D)	26 191	20 212	10 832	-	10 832
Calves weighing less than 500 pounds .....	farms number	\$1,000 30,719	-	1 (D)	(D) 118	101 103	(D) 7	-	(D) 7
Cattle, including calves weighing 500 pounds or more .....	farms number	303 20,342	-	1 (D)	17 118	14 8	5 7	-	(D) 5
Cattle, on feed (see text) .....	farms number	41 8,006	-	- (D)	73 (D)	109 (D)	1 (D)	-	(D) 1
Hogs and pigs inventory .....	farms number	204 23,364	-	8 450	23 234	9 30	11 155	-	11 155
Farms with- 1 to 24 .....		113	-	6	21	9	10	-	10
25 to 49 .....		19	-	-	1	-	-	-	-
50 to 99 .....		22	-	-	-	-	-	-	-
100 to 199 .....		17	-	-	1	-	1	-	1
200 to 499 .....		19	-	-	-	-	-	-	-
500 or more .....		14	-	-	-	-	-	-	-
Used or to be used for breeding .....	farms number	160 5,843	-	6 92	13 142	5 88	4 13	-	4 13
Other hogs and pigs .....	farms number	180 17,521	-	8 358	17 92	9 22	9 142	-	9 142
Hogs and pigs sold .....	farms number	158 33,231	-	5 (D)	13 112	3 17	5 162	-	5 162
Sheep and lambs of all ages inventory (see text) .....	farms number	\$1,000 4,612	-	- (D)	25 12	10 (D)	1 18	-	1 18
Sheep and lambs of all ages inventory (see text) .....	farms number	103 19,909	-	2 (D)	(D) 24	127 9	(D) 1	-	(D) 1
Ewes 1 year old or older .....	farms number	91 6,800	-	1 (D)	648	53	(D) 1	-	(D) 1
Sheep and lambs sold .....	farms number	34 4,639	-	- (D)	6 (D)	2 (D)	1 (D)	-	(D) 1
Horses and ponies inventory .....	farms number	493 4,582	1 (D)	13 27	73 225	36 462	16 126	-	16 126
Horses and ponies sold .....	farms number	79 237	-	1 (D)	3 15	2 (D)	2 (D)	-	2 (D)
Goats, All inventory .....	farms number	189 5,364	1 (D)	10 64	38 389	17 277	6 147	-	6 147
Goats sold .....	farms number	86 4,237	-	2 (D)	12 81	8 133	2 (D)	-	2 (D)
<b>POULTRY</b>									
Layers 20 weeks old and older inventory .....	farms number	125 537,882	-	11 219	47 706	11 320	6 191	-	6 191
Farms with- 1 to 399 .....		115	-	11	47	11	6	-	6
400 to 3,199 .....		1	-	-	-	-	-	-	-
3,200 to 9,999 .....		3	-	-	-	-	-	-	-
10,000 to 19,999 .....		1	-	-	-	-	-	-	-
20,000 to 49,999 .....		3	-	-	-	-	-	-	-
50,000 to 99,999 .....		1	-	-	-	-	-	-	-
100,000 or more .....		1	-	-	-	-	-	-	-
Pullets for laying flock replacement inventory .....	farms number	26 67,925	-	2 (D)	8 132	- (D)	1 1	-	1 (D)
Layers and pullets sold (see text) .....	farms number	25 458,280	-	2 (D)	2 (D)	2 (D)	-	-	-
Broilers and other meat-type chickens sold .....	farms number	17 881,112	-	1 (D)	5 734	- (D)	2 (D)	-	2 (D)
Farms with- 1 to 1,999 .....		13	-	1	5	-	2	-	2
2,000 to 59,999 .....		1	-	-	-	-	-	-	-
60,000 to 99,999 .....		1	-	-	-	-	-	-	-
100,000 or more .....		3	-	-	-	-	-	-	-
Turkeys inventory .....	farms number	7 75	-	- (D)	3 (D)	2 (D)	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con. Cows and heifers that had calved - Con.							
Milk cows .....	farms number	5 13	-	13 (D)	1 (D)	-	2 (D)
Farms with- 1 to 4 .....		4	-	3	1	-	2
5 to 49 .....		1	-	1	-	-	-
10 to 49 .....		-	-	1	-	-	-
50 to 99 .....		-	-	-	-	-	-
100 to 199 .....		-	-	-	-	-	-
200 to 499 .....		-	-	-	-	-	-
500 or more .....		-	-	7	-	-	-
Other cattle (see text) .....	farms number	435 45,993	28 9,789	12 6,176	15 201	1 (D)	13 (D)
Cattle and calves sold .....	farms number	429 \$1,000 23,802	30 8,515 (D)	9 2,208 (D)	11 187 (D)	1 (D)	3 (D)
Calves weighing less than 500 pounds .....	farms number	249 18,079	5 83	7 1,476	8 (D)	-	3 45
Cattle, including calves weighing 500 pounds or more .....	farms number	296 30,252	30 8,432	6 732	6 (D)	1 (D)	2 (D)
Cattle on feed (see text) .....	farms number	7 115	30 7,884	-	-	-	-
Hogs and pigs inventory .....	farms number	20 309	3 (D)	2 (D)	109 20,946	6 259	4 (D)
Farms with- 1 to 24 .....		16	2	2	31 14	5	4
25 to 49 .....		3	-	-	20	-	-
50 to 99 .....		1	-	-	14	-	-
100 to 199 .....		-	-	-	14	-	-
200 to 499 .....		-	-	-	17	-	-
500 or more .....		-	1	-	13	-	-
Used or to be used for breeding .....	farms number	17 102	2 (D)	1 (D)	101 5,056 100	4 87 6	1 (D)
Other hogs and pigs .....	farms number	16 207	3 (D)	1 (D)	15,890	172	4 (D)
Hogs and pigs sold .....	farms number	14 \$1,000 325 32	2 (D)	1 (D)	107 28,987 4,113	5 (D)	1 (D)
Sheep and lambs of all ages inventory (see text) .....	farms number	28 (D)	-	1 (D)	2 (D)	1 (D)	23 (D)
Ewes 1 year old or older .....	farms number	25 (D)	-	1 (D)	2 (D)	1 (D)	20 (D)
Sheep and lambs sold .....	farms number	6 (D)	-	1 (D)	-	1 (D)	15 (D)
Horses and ponies inventory .....	farms number	222 2,404	11 85	4 15	15 34	2 (D)	16 392
Horses and ponies sold .....	farms number	17 85	2 (D)	-	-	-	1 51
Goats, All inventory .....	farms number	35 1,509	2 (D)	-	15 172	5 (D)	16 2,339
Goats sold .....	farms number	9 360	1 (D)	-	6 39	1 (D)	38 3,429
<b>POULTRY</b>							
Layers 20 weeks old and older inventory .....	farms number	10 153	1 (D)	-	6 372	21 535,736	5 97
Farms with- 1 to 399 .....		10	1	-	6	11 1	5 7
400 to 3,199 .....		-	-	-	-	3	-
3,200 to 9,999 .....		-	-	-	-	1	-
10,000 to 19,999 .....		-	-	-	-	3	-
20,000 to 49,999 .....		-	-	-	-	3	-
50,000 to 99,999 .....		-	-	-	-	1	-
100,000 or more .....		-	-	-	-	1	-
Pullets for laying flock replacement inventory .....	farms number	1 (D)	-	-	1 (D)	12 67,623	-
Layers and pullets sold (see text) .....	farms number	1 (D)	-	-	1 (D)	15 458,139	2 (D)
Broilers and other meat-type chickens sold .....	farms number	1 (D)	-	-	-	7 (D)	1 (D)
Farms with- 1 to 1,999 .....		-	-	-	-	4	-
2,000 to 59,999 .....		-	-	-	-	-	-
60,000 to 99,999 .....		1	-	-	-	-	-
100,000 or more .....		-	-	-	-	3	-
Turkeys inventory .....	farms number	-	-	-	-	2 (D)	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193-11194)
<b>POULTRY - Con.</b>									
Turkeys sold	farms number	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>	-	-	-	-
<b>CROPS HARVESTED</b>									
Corn for grain	farms acres bushels	12 4,383 203,391 12 4,383	(D) <sup>9</sup> (D) <sup>9</sup> (D) <sup>9</sup>	-	(D) <sup>1</sup> (D) <sup>1</sup> (D) <sup>1</sup>	-	(D) <sup>2</sup> (D) <sup>2</sup> (D) <sup>2</sup>	-	(D) <sup>2</sup> (D) <sup>2</sup> (D) <sup>2</sup>
Irrigated	farms acres								
Farms by acres harvested:									
1 to 24 acres		2	1		1				
25 to 99 acres		2	2						
100 to 249 acres		2	1						
250 to 499 acres		3	3						
500 acres or more		3	3						
Corn for silage or greenchop	farms acres tons	(D) <sup>2</sup> (D) <sup>2</sup> (D)	(D) <sup>1</sup> (D) <sup>1</sup> (D)	(D) <sup>1</sup> (D) <sup>1</sup> (D)	-	-	-	-	-
Irrigated	farms acres								
Farms by acres harvested:									
1 to 24 acres		-	-						
25 to 99 acres		1	1						
100 to 249 acres		1	1						
250 to 499 acres		-	-						
500 acres or more		-	-						
Soybeans for beans	farms acres bushels	(D) <sup>1</sup> (D) <sup>1</sup> (D)	(D) <sup>1</sup> (D) <sup>1</sup> (D)	-	-	-	-	-	-
Irrigated	farms acres								
Farms by acres harvested:									
1 to 24 acres		1	1						
25 to 99 acres		-	-						
100 to 249 acres		-	-						
250 to 499 acres		-	-						
500 acres or more		-	-						
Potatoes	farms acres cwt	11 6 4,542	-	8 (D) (D)	2 (D) (D)	-	1 (D) (D)	-	1 (D) (D)
Irrigated	farms acres	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>	-	-	-	-
Farms by acres harvested:									
0.1 to 4.9 acres		11	-	8	2	-	1	-	1
5.0 to 24.9 acres		-	-	-	-	-	-	-	-
25.0 to 99.9 acres		-	-	-	-	-	-	-	-
100.0 to 249.9 acres		-	-	-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-	-	-
Sweet potatoes	farms acres cwt	59 294 16,357	-	35 215 10,287	8 (D) (D)	2 (D) (D)	14 70 5,825	-	14 70 5,825
Irrigated	farms acres	16 16 165	-	10 10 153	(D) <sup>3</sup> (D)	-	(D) <sup>3</sup> (D)	-	(D) <sup>3</sup> (D)
Sugarcane for sugar	farms acres tons	2 (D) (D)	-	-	-	-	2 (D) (D)	-	2 (D) (D)
Irrigated	farms acres	(D) <sup>2</sup>	-	-	-	-	(D) <sup>2</sup> (D) (D)	-	(D) <sup>2</sup> (D) (D)
Pineapples harvested	farms acres tons	34 10,211 314,626	-	-	30 (D) (D)	1 (D) (D)	3 3 6 (D)	-	3 3 6 (D)
Irrigated	farms acres	12 9,759	-	-	(D) <sup>10</sup> (D)	-	(D) <sup>10</sup> (D)	-	(D) <sup>10</sup> (D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text)	farms acres tons, dry	14 1,112 2,261 7 243	(D) <sup>1</sup> (D) (D)	2 (D) (D)	1 (D) (D)	-	8 418 666 4 64	-	8 418 666 4 64
Irrigated	farms acres	-	-	(D) <sup>1</sup>	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres		5	-	1	1	-	3	-	3
25 to 99 acres		5	-	-	-	-	4	-	4
100 to 249 acres		3	1	1	-	-	1	-	1
250 to 499 acres		1	-	-	-	-	-	-	-
500 acres or more		-	-	-	-	-	-	-	-
Alfalfa hay	farms acres tons, dry	2 (D) (D)	-	-	-	-	2 (D) (D)	-	2 (D) (D)
Irrigated	farms acres	(D) <sup>2</sup>	-	-	-	-	(D) <sup>2</sup> (D) (D)	-	(D) <sup>2</sup> (D) (D)
Other tame hay	farms acres tons, dry	7 (D) (D)	(D) <sup>1</sup> (D) (D)	-	1 (D) (D)	-	4 269 (D) (D)	-	4 269 (D) (D)
Irrigated	farms acres	(D) <sup>2</sup>	-	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>POULTRY - Con.</b>							
Turkeys sold .....	farms number	-	-	-	-	-	-
<b>CROPS HARVESTED</b>							
Corn for grain .....	farms acres bushels	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Corn for silage or greenchop .....	farms acres tons	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Potatoes .....	farms acres cwt	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres .....	-	-	-	-	-	-	-
5.0 to 24.9 acres .....	-	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Sugarcane for sugar .....	farms acres tons	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Pineapples harvested .....	farms acres tons	-	-	-	-	-	-
Irrigated .....	farms acres	-	-	-	-	-	-
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	1 (D) (D) 1 (D)	-	1 (D) (D) 1 (D)	-	-	-
Irrigated .....	farms acres tons, dry	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	1	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	1	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	-	-	-	-	-	-
Irrigated .....	farms acres tons, dry	-	-	-	-	-	-
Other tame hay .....	farms acres tons, dry	1 (D) (D) 1 (D)	-	-	-	-	-
Irrigated .....	farms acres tons, dry	-	-	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194 11199)
<b>CROPS HARVESTED - Con.</b>									
Land used for vegetables (see text) . . . . .	farms acres	633 5,824	1 (D)	517 5,509	43 141	28 83	37 85	-	-
Irrigated . . . . .	farms acres	417 5,038	1 (D)	359 4,850	18 78	19 77	18 (D)	-	-
Farms by acres harvested:									37 85 18 (D)
0.1 to 4.9 acres . . . . .	farms acres	473	1	372	36	25	32	-	32
5.0 to 24.9 acres . . . . .	farms acres	125	-	125	5	2	5	-	5
25.0 to 99.9 acres . . . . .	farms acres	30	-	27	2	1	-	-	-
100.0 to 249.9 acres . . . . .	farms acres	3	-	3	-	-	-	-	-
250.0 acres or more . . . . .	farms acres	2	-	2	-	-	-	-	-
Snap beans harvested for sale . . . . .	farms acres	129 208	-	101 198	10 (D)	1 (D)	15 6	-	15 6
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-	-	-
Sweet corn harvested for sale . . . . .	farms acres	80 503	-	61 472	5 11	3 (D)	8 12	-	8 12
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-	-	-
Tomatoes harvested for sale . . . . .	farms acres	72 664	-	62 638	2 (D)	4 (D)	4 (D)	-	4 (D)
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-	-	-
All land in orchards . . . . .	farms acres	2,833 34,908	2 (D)	137 632	2,351 33,289	208 618	56 165	-	56 165
Irrigated . . . . .	farms acres	810 12,090	1 (D)	92 516	574 11,284	88 195	33 59	-	33 59
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres . . . . .	farms Bearing and nonbearing acres	1,944 (D)	1	119 (D)	1,530 (D)	180 -	45 -	-	45
5.0 to 24.9 acres . . . . .	farms Bearing and nonbearing acres	760 41	1	13 (D)	704 5	23 1	10 -	-	10
25.0 to 99.9 acres . . . . .	farms Bearing and nonbearing acres	99 20	-	3 2	89 18	-	-	-	-
100.0 to 249.9 acres . . . . .	farms Bearing and nonbearing acres	-	-	-	10	-	-	-	-
250.0 acres or more . . . . .	farms Bearing and nonbearing acres	10 -	-	-	-	-	-	-	-
Apples . . . . .	farms Bearing and nonbearing acres	2 (D)	-	-	2 (D)	-	-	-	-
Grapes . . . . .	farms Bearing and nonbearing acres	6 41	-	-	5 (D)	-	-	-	-
Citrus fruit, All . . . . .	farms Bearing and nonbearing acres	474 641	1 (D)	41 115	311 448	79 49	19 (D)	-	19 (D)
Land in berries harvested for sale (see text) . . . . .	farms acres	3 11	-	-	3 11	-	-	-	-
Irrigated . . . . .	farms acres	(D)	-	-	(D)	-	-	-	-

See footnote(s) at end of table.

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**Table 59. Summary by North American Industry Classification System: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Beef cattle ranching and farming (11211)	Cattle feedlots (11212)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) . . . . .	farms acres	-	-	-	1 (D)	3 (D)	3 (D)
Irrigated . . . . .	farms acres	-	-	-	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres . . . . .	-	-	-	-	1	3	3
5.0 to 24.9 acres . . . . .	-	-	-	-	-	-	-
25.0 to 99.9 acres . . . . .	-	-	-	-	-	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-	-
Snap beans harvested for sale . . . . .	farms acres	-	-	-	-	2 (D)	-
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-
Sweet corn harvested for sale . . . . .	farms acres	-	-	-	-	-	3 (D)
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-
Tomatoes harvested for sale . . . . .	farms acres	-	-	-	-	-	-
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-
All land in orchards . . . . .	farms acres	31 92	1 (D)	-	4 (D)	7 30	9 13
Irrigated . . . . .	farms acres	10 27	1 (D)	-	-	1 (D)	1 (D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .	24	1	-	4	6	8	26
5.0 to 24.9 acres . . . . .	7	-	-	-	-	-	1
25.0 to 99.9 acres . . . . .	-	-	-	-	1	-	-
100.0 to 249.9 acres . . . . .	-	-	-	-	-	-	-
250.0 acres or more . . . . .	-	-	-	-	-	-	-
Apples . . . . .	farms Bearing and nonbearing acres	-	-	-	-	-	-
Grapes . . . . .	farms Bearing and nonbearing acres	-	-	-	-	-	1 (D)
Citrus fruit, All . . . . .	farms Bearing and nonbearing acres	10 11	-	-	2 (D)	4 (D)	7 (D)
Land in berries harvested for sale (see text) . . . . .	farms acres	-	-	-	-	-	-
Irrigated . . . . .	farms acres	-	-	-	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Total	Farming					
			Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>F FARMS AND LAND IN FARMS</b>								
Farms .....	number	5,398	3,125	7	82	382	927	742
	Percent	100.0	57.9	0.1	1.5	7.1	17.2	13.7
Land in farms .....	acres	1,300,499	1,122,948	94	25,062	71,170	402,254	416,424
Average size of farm .....	acres	241	359	13	306	186	434	561
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>								
Total (see text) .....	farms	5,398	3,125	7	82	382	927	742
Average per farm	\$1,000	534,309	410,730	(D)	(D)	59,052	151,809	147,034
Farms by economic class:	dollars	98,983	131,433	(D)	(D)	154,586	163,764	198,159
Less than \$1,000 (see text) .....		658	300	-	4	33	80	80
\$1,000 to \$2,499 .....		744	308	2	8	24	74	82
\$2,500 to \$4,999 .....		715	353	-	2	23	79	118
\$5,000 to \$9,999 .....		914	478	-	10	50	117	154
\$10,000 to \$24,999 .....		1,060	658	1	21	96	175	200
\$25,000 to \$49,999 .....		506	360	1	10	53	143	60
\$50,000 to \$99,999 .....		313	262	1	13	38	101	60
\$100,000 to \$249,999 .....		250	204	1	7	39	74	48
\$250,000 to \$499,999 .....		105	89	1	4	13	32	24
\$500,000 to \$999,999 .....		62	54	-	2	7	25	12
\$1,000,000 or more .....		71	59	-	1	6	27	8
\$1,000,000 to \$2,499,999 .....		43	36	-	-	3	16	6
\$2,500,000 to \$4,999,999 .....		15	14	-	-	1	8	5
\$5,000,000 or more .....		13	9	-	1	2	4	1
Total sales (see text) .....	farms	5,398	3,125	7	82	382	927	742
	\$1,000	533,423	409,998	(D)	(D)	59,008	151,618	146,874
Grains, oilseeds, dry beans, and dry peas .....	farms	13	10	-	-	3	5	-
Sales of \$50,000 or more .....	\$1,000	14,647	(D)	-	-	(D)	6,991	(D)
Tobacco .....	\$1,000	9	8	-	-	(D)	5	-
Sales of \$50,000 or more .....	\$1,000	14,605	(D)	-	-	(D)	6,991	(D)
Cotton and cottonseed .....	farms	-	-	-	-	-	-	-
Sales of \$50,000 or more .....	\$1,000	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms	666	493	2	13	104	164	114
Sales of \$50,000 or more .....	\$1,000	54,554	52,091	(D)	6,963	6,233	16,213	20,397
		123	119	-	9	23	51	28
		48,003	46,896	-	6,897	4,824	14,614	19,329
Fruits, tree nuts, and berries .....	farms	2,582	1,447	2	32	140	423	339
Sales of \$50,000 or more .....	\$1,000	179,475	107,822	(D)	(D)	27,948	58,795	14,083
		162	132	1	17	17	52	37
Nursery, greenhouse, floriculture, and sod (see text) .....	farms	160,178	95,217	(D)	(D)	26,657	54,532	11,414
Sales of \$50,000 or more .....	\$1,000	110,282	85,664	3	16	9,735	285	188
		339	272	2	7	33	114	67
		97,591	78,788	(D)	(D)	8,615	35,777	21,389
Cut Christmas trees and short-rotation woody crops .....	farms	19	11	-	1	5	1	2
Sales of \$50,000 or more .....	\$1,000	336	(D)	1	(D)	(D)	(D)	-
Other crops and hay (see text) .....	farms	271	171	-	-	-	-	-
Sales of \$50,000 or more .....	\$1,000	86,061	75,717	-	11	34	56	33
		33	27	3	3	6	7	37
Cattle and calves .....	farms	550	323	1	14	28	69	74
Sales of \$50,000 or more .....	\$1,000	30,719	28,168	(D)	(D)	15,371	3,883	6,911
		69	59	-	4	15	16	16
Milk and other dairy products from cows .....	farms	26,912	(D)	-	(D)	(D)	14,936	3,394
Sales of \$50,000 or more .....	\$1,000	21,745	(D)	-	(D)	(D)	-	5,813
Hogs and pigs .....	farms	158	87	-	4	(D)	1,204	604
Sales of \$50,000 or more .....	\$1,000	4,612	3,939	-	(D)	(D)	21	1,989
Sheep, goats, and their products .....	farms	22	18	-	-	1	7	3
Sales of \$50,000 or more .....	\$1,000	(D)	(D)	-	(D)	(D)	405	7
		145	79	-	2	10	26	22
		1,081	661	-	(D)	(D)	535	19
Sales of \$50,000 or more .....	\$1,000	780	(D)	-	-	(D)	-	(D)
Horses, ponies, mules, burros, and donkeys .....	farms	82	51	-	3	12	13	12
Sales of \$50,000 or more .....	\$1,000	418	304	-	(D)	91	84	46
Poultry and eggs .....	farms	110	58	-	-	-	-	-
Sales of \$50,000 or more .....	\$1,000	12,545	(D)	-	(D)	(D)	44	1,722
		15	(D)	-	(D)	(D)	-	6,985

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	2,273	7	72	338	845	558	453
number	421	0.1	1.3	6.3	15.7	10.3	8.4
percent			(D)	21,145	51,023	83,719	(D)
Land in farms .....	177,559	78	33	63	60	150	150
acres							
Average size of farm .....							
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>							
Total (see text) .....	2,273 farms \$1,000	123,579 54,368	7 (D)	72 (D)	338 7,407 21,915	845 76,718 90,790	558 29,403 52,694
Average per farm .....							453 9,137 20,170
Farms by economic class:							
Less than \$1,000 (see text) .....	358	-	10	34	157	99	58
\$1,000 to \$2,499 .....	436	-	18	56	157	99	106
\$2,500 to \$4,999 .....	362	1	10	48	133	99	71
\$5,000 to \$9,999 .....	436	-	17	68	163	104	83
\$10,000 to \$24,999 .....	402	2	8	80	152	77	83
\$25,000 to \$49,999 .....	146	3	5	31	41	39	27
\$50,000 to \$99,999 .....	51	-	4	8	17	13	9
\$100,000 to \$249,999 .....	46	-	-	7	17	13	9
\$250,000 to \$499,999 .....	16	-	-	4	1	6	5
\$500,000 to \$999,999 .....	8	-	-	2	1	4	1
\$1,000,000 or more .....	12	-	-	-	6	5	1
\$1,000,000 to \$2,499,999 .....	7	-	-	-	4	2	1
\$2,500,000 to \$4,999,999 .....	1	-	-	-	-	1	-
\$5,000,000 or more .....	4	-	-	-	2	2	-
Total sales (see text) .....	2,273 farms \$1,000	123,425	7 (D)	72 (D)	338 7,391	845 (D)	558 (D)
Grains, oilseeds, dry beans, and dry peas .....	3 farms \$1,000	(D)	-	-	-	1 (D)	-
Sales of \$50,000 or more .....	-	-	-	-	-	(D)	-
Tobacco .....	1 farms \$1,000	(D)	-	-	-	(D)	-
Sales of \$50,000 or more .....	-	-	-	-	-	(D)	-
Cotton and cottonseed .....	1 farms \$1,000	-	-	-	-	-	-
Sales of \$50,000 or more .....	-	-	-	-	-	-	-
Vegetables, melons, potatoes, and sweet potatoes .....	173 farms \$1,000	2,463	(D)	11 (D)	29 777	62 559	30 221
Sales of \$50,000 or more .....	4 farms \$1,000	1,107	-	-	2 (D)	-	1 (D)
Fruits, tree nuts, and berries .....	1,135 farms \$1,000	71,653	(D)	24 278	155 (D) 5	427 (D) 10	306 (D) 9
Sales of \$50,000 or more .....	30 farms \$1,000	64,961	-	(D)	1,066	(D)	1,566 (D) 4
Nursery, greenhouse, floriculture, and sod (see text) .....	583 farms \$1,000	24,618	(D)	14 164	93 (D) 10	208 (D) 21	12,093 144 22
Sales of \$50,000 or more .....	67 farms \$1,000	18,802	-	-	1,821	2,536	10,798 4,891 14
Cut Christmas trees and short-rotation woody crops .....	8 farms \$1,000	(D)	-	-	2 (D)	2 (D)	-
Sales of \$50,000 or more .....	-	-	-	-	-	-	(D)
Other crops and hay (see text) .....	100 farms \$1,000	10,343	(D)	7 (D)	18 78	49 (D) 4	11 88 15
Sales of \$50,000 or more .....	6 farms \$1,000	(D)	-	-	-	(D)	-
Cattle and calves .....	227 farms \$1,000	2,551	(D)	9 (D)	39 455	78 727	53 832
Sales of \$50,000 or more .....	10 farms \$1,000	(D)	-	-	1 (D)	1 (D)	630 (D)
Milk and other dairy products from cows .....	2 farms \$1,000	(D)	-	-	-	2 (D)	-
Sales of \$50,000 or more .....	1 farms \$1,000	(D)	-	-	-	(D)	-
Hogs and pigs .....	673 farms \$1,000	63	3	6 (D)	15 238	22 67	16 (D)
Sales of \$50,000 or more .....	4 farms \$1,000	(D)	-	1 (D)	2 (D)	-	(D)
Sheep, goats, and their products .....	66 farms \$1,000	(D)	-	2 (D)	9 (D)	30 (D)	13 (D)
Sales of \$50,000 or more .....	421 farms \$1,000	(D)	-	14 (D)	-	-	7 (D)
Horses, ponies, mules, burros, and donkeys .....	31 farms \$1,000	114	-	(D)	5 17	14 54	6 (D)
Sales of \$50,000 or more .....	- farms \$1,000	-	-	-	-	-	-
Poultry and eggs .....	52 farms \$1,000	(D)	-	(D)	10 24	19 (D) 2	17 34 (D)
Sales of \$50,000 or more .....	3 farms \$1,000	(D)	-	-	-	(D)	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Total	Farming							
			Age of operator (years)							
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over		
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>										
Total (see text) - Con.										
Total sales (see text) - Con.										
Aquaculture (see text) ....	farms \$1,000	14,005	45	-	-	(D) 7	22	12	4	
Sales of \$50,000 or more ....	farms \$1,000	13,693	13,515	19	-	(D) 5	(D) 7	(D) 4	(D) 3	
Other animals and other animal products (see text) ....	farms \$1,000	2,940	42	-	-	(D) 5	(D) 19	(D) 10	(D) 8	
Sales of \$50,000 or more ....	farms \$1,000	2,707	2,082	-	-	-	1,967	49	46	
Government payments ....	farms \$1,000	113	82	-	-	5	-	-	-	
		886	732	-	-	(D) 43	11	18	28	
							191	160	(D) 20	
Value of - Certified organically produced commodities (see text) ....	farms \$1,000	140	98	-	-	(D) 6	12	34	26	
Landlord's share of total sales (see text) ....	farms \$1,000	157	115	-	-	63	28	37	25	
Agricultural products sold directly to individuals for human consumption (see text) ....	farms \$1,000	796	484	4	(D) 13	1,706	1,54	113	132	
		7,089	5,921	(D)	(D)	1,863	1,152	902	902	
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>										
Total farm production expenses ....	farms \$1,000	5,438	3,114	8	65	326	1,050	783	882	
Average per farm ....	dollars 82,925	450,946	358,726	416	10,306	46,109	128,613	136,687	36,596	
Fertilizer, lime, and soil conditioners purchased ....	farms \$1,000	4,326	2,457	8	44	237	897	606	665	
Farms with expenses of- \$1 to \$4,999		4,015	2,181	6	38	194	800	517	626	
\$5,000 to \$24,999		245	220	2	5	38	70	66	39	
\$25,000 to \$49,999		25	21	-	-	3	10	8	-	
\$50,000 or more		41	35	-	1	2	17	15	-	
Chemicals purchased ....	farms \$1,000	3,627	2,113	8	38	210	773	538	546	
Farms with expenses of- \$1 to \$4,999		3,009	1,847	7	31	161	665	469	514	
\$5,000 to \$24,999		266	221	1	6	44	86	54	30	
\$25,000 to \$49,999		22	20	-	-	3	10	6	1	
\$50,000 or more		30	25	-	1	2	12	9	1	
Seeds, plants, vines, and trees ....	farms \$1,000	1,887	1,152	8	27	173	461	239	244	
Farms with expenses of- \$1 to \$999		1,318	702	-	8	112	287	145	150	
\$1,000 to \$4,999		344	251	6	7	37	104	31	66	
\$5,000 to \$24,999		163	148	2	10	18	49	52	17	
\$25,000 to \$49,999		15	13	-	-	1	4	3	5	
\$50,000 or more		47	38	-	2	5	17	8	6	
Livestock and poultry purchased ....	farms \$1,000	329	246	-	25	27	58	80	56	
Farms with expenses of- \$1 to \$4,999		244	178	-	22	12	48	56	40	
\$5,000 to \$24,999		39	26	-	2	4	11	11	4	
\$25,000 to \$99,999		34	31	-	-	1	3	11	6	
\$100,000 to \$249,999		6	5	-	1	-	2	2	2	
\$250,000 or more		6	6	-	-	-	2	-	4	
Breeding livestock purchased (see text) ....	farms \$1,000	179	127	-	11	14	23	48	31	
Other livestock and poultry purchased ....	farms \$1,000	193	138	-	14	14	38	43	29	
Feed purchased ....	farms \$1,000	1,267	778	-	21	103	232	191	231	
Farms with expenses of- \$1 to \$4,999		955	534	-	11	72	165	138	148	
\$5,000 to \$24,999		220	169	-	9	26	40	45	49	
\$25,000 to \$99,999		58	45	-	-	2	19	1	23	
\$100,000 to \$249,999		9	7	-	-	1	2	2	3	
\$250,000 or more		25	23	-	1	3	6	5	3	
Gasoline, fuels, and oils ....	farms \$1,000	4,721	2,801	8	65	325	965	691	747	
Farms with expenses of- \$1 to \$4,999		4,387	2,521	8	47	286	868	601	711	
\$5,000 to \$24,999		282	238	-	15	33	79	78	34	
\$25,000 to \$49,999		24	20	-	2	4	7	5	2	
\$50,000 or more		28	22	-	1	2	12	7	-	

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>							
Total (see text) - Con.							
Total sales (see text) - Con.							
Aquaculture (see text) .... farms \$1,000	22 490	-	(D)	7 40	(D) -	5 -	6 (D) 2
Sales of \$50,000 or more .... farms \$1,000	2 (D)	-	-	-	-	-	(D)
Other animals and other animal products (see text) .... farms \$1,000	23 858	-	(D)	4 (D) 1	12 (D) 2	3 15	3 4
Sales of \$50,000 or more .... farms \$1,000	3 (D)	-	-	(D)	(D)	-	-
Government payments .... farms \$1,000	31 154	-	(D)	7 16	15 (D)	5 (D)	3 (D)
Value of - Certified organically produced commodities (see text) .... farms \$1,000	42 2,347	-	(D)	7 (D)	17 1,983	10 (D)	7 64
Landlord's share of total sales (see text) .... farms \$1,000	42 93	-	(D)	11 41	16 26	6 (D)	7 20
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	312 1,167	1 (D)	9 (D)	46 361	114 355	76 197	66 199
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>							
Total farm production expenses .... farms \$1,000	2,324 92,220	7 9	75 400	396 7,452	824 49,246	609 26,215	413 8,897
Average per farm .... dollars	39,682	1,300	5,336	18,819	59,765	43,047	21,542
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	1,869 4,096	7 1	35 18	332 266	703 2,850	461 696	331 265
Farms with expenses of- \$1 to \$4,999	1,834	7	35	325	695	446	326
\$5,000 to \$24,999	25	-	-	6	4	12	3
\$25,000 to \$49,999	4	-	-	1	1	1	1
\$50,000 or more	6	-	-	-	3	2	1
Chemicals purchased .... farms \$1,000	1,514 2,490	7 1	50 20	252 176	593 1,524	344 577	268 190
Farms with expenses of- \$1 to \$4,999	1,462	7	50	248	579	313	265
\$5,000 to \$24,999	45	-	-	4	11	28	2
\$25,000 to \$49,999	2	-	-	-	3	2	-
\$50,000 or more	5	-	-	-	1	1	1
Seeds, plants, vines, and trees .... farms \$1,000	735 2,420	-	19 1	127 (D)	301 674	152 1,472	136 (D)
Farms with expenses of- \$1 to \$999	616	-	19	104	237	134	122
\$1,000 to \$4,999	93	-	-	20	59	-	13
\$5,000 to \$24,999	15	-	-	2	-	13	-
\$25,000 to \$49,999	2	-	-	-	2	-	-
\$50,000 or more	9	-	-	1	3	4	1
Livestock and poultry purchased .... farms \$1,000	83 511	-	7 19	24 67	10 285	32 102	10 39
Farms with expenses of- \$1 to \$4,999	66	-	7	16	4	30	9
\$5,000 to \$24,999	13	-	-	8	4	1	1
\$25,000 to \$99,999	3	-	-	-	1	1	-
\$100,000 to \$249,999	1	-	-	-	1	-	-
\$250,000 or more	-	-	-	-	-	-	-
Breeding livestock purchased (see text) .... farms \$1,000	52 187	-	-	16 37	5 (D)	22 71	9 (D)
Other livestock and poultry purchased .... farms \$1,000	55 324	-	7 19	16 30	6 (D)	17 30	9 (D)
Feed purchased .... farms \$1,000	489 3,359	-	17 5	68 680	157 2,036	185 330	62 308
Farms with expenses of- \$1 to \$4,999	421	-	17	50	125	169	60
\$5,000 to \$24,999	51	-	-	8	28	15	-
\$25,000 to \$99,999	13	-	-	10	2	1	-
\$100,000 to \$249,999	2	-	-	-	2	-	2
\$250,000 or more	2	-	-	-	-	-	-
Gasoline, fuels, and oils .... farms \$1,000	1,920 3,539	7 3	50 31	311 313	745 2,225	472 569	335 379
Farms with expenses of- \$1 to \$4,999	1,866	7	50	306	716	457	330
\$5,000 to \$24,999	44	-	-	4	24	12	4
\$25,000 to \$49,999	4	-	-	1	4	2	1
\$50,000 or more	6	-	-	-	4	1	1

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Total	Farming							
			Age of operator (years)							
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over		
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>										
Total farm production expenses - Con.										
Utilities (see text) .... farms \$1,000	2,912	1,982	8	47	199	706	457	565		
Farms with expenses of-	19,474	16,331	19	731	2,346	4,122	7,819	1,294		
\$1 to \$999	1,667	1,038	-	13	108	349	171	397		
\$1,000 to \$4,999	919	660	6	23	53	238	212	128		
\$5,000 to \$24,999	250	221	2	7	31	96	55	30		
\$25,000 to \$49,999	37	32	-	3	3	11	9	6		
\$50,000 or more	39	31	-	1	4	12	10	4		
Supplies, repairs, and maintenance .... farms \$1,000	4,626	2,763	8	57	314	953	661	770		
Farms with expenses of-	50,411	41,429	35	1,482	4,094	15,210	17,971	2,637		
\$1 to \$4,999	3,835	2,185	2	36	218	718	544	667		
\$5,000 to \$24,999	588	422	6	9	83	174	65	85		
\$25,000 to \$49,999	90	72	-	9	5	27	23	8		
\$50,000 or more	113	84	-	3	8	34	29	10		
Hired farm labor .... farms \$1,000	1,527	1,030	8	27	105	422	291	177		
Farms with expenses of-	177,692	139,873	121	3,964	18,359	47,762	60,071	9,595		
\$1 to \$4,999	695	402	6	5	26	166	131	68		
\$5,000 to \$24,999	387	277	-	10	21	121	74	51		
\$25,000 to \$99,999	229	181	2	8	39	63	35	34		
\$100,000 to \$249,999	120	88	-	3	12	38	23	12		
\$250,000 or more	96	82	-	1	7	34	28	12		
Contract labor .... farms \$1,000	824	503	1	14	30	180	153	125		
Farms with expenses of-	7,159	4,955	(D)	(D)	458	1,403	1,901	932		
\$1 to \$999	209	94	-	-	2	38	33	21		
\$1,000 to \$4,999	320	199	1	-	10	85	45	60		
\$5,000 to \$24,999	235	170	-	10	14	50	56	40		
\$25,000 to \$49,999	36	23	-	2	11	14	14	2		
\$50,000 or more	24	17	-	2	3	5	5	2		
Customwork and custom hauling .... farms \$1,000	282	175	-	4	22	48	60	41		
Farms with expenses of-	9,232	8,912	-	52	426	6,058	2,142	234		
\$1 to \$999	130	55	-	-	2	1	28	24		
\$1,000 to \$4,999	94	73	-	1	16	26	19	11		
\$5,000 to \$24,999	34	24	-	3	2	11	6	2		
\$25,000 to \$49,999	6	6	-	-	1	2	-	3		
\$50,000 or more	18	17	-	-	1	8	7	1		
Cash rent for land, buildings, and grazing fees .... farms \$1,000	1,655	1,079	-	17	118	431	285	228		
Farms with expenses of-	19,723	15,259	-	494	1,246	7,678	4,325	1,516		
\$1 to \$4,999	1,249	777	-	13	68	311	193	192		
\$5,000 to \$9,999	156	115	-	-	22	53	25	15		
\$10,000 to \$24,999	149	105	-	2	14	35	46	8		
\$25,000 or more	101	82	-	2	14	32	21	13		
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	343	197	-	17	16	85	49	30		
Farms with expenses of-	3,066	2,154	-	58	162	1,023	755	155		
\$1 to \$999	113	44	-	6	-	20	1	17		
\$1,000 to \$4,999	135	67	-	3	1	29	30	4		
\$5,000 to \$24,999	74	71	-	8	14	26	16	7		
\$25,000 to \$49,999	11	8	-	-	1	6	2	1		
\$50,000 or more	10	7	-	-	4	5	2	1		
Interest expense .... farms \$1,000	955	631	2	13	71	308	118	119		
Farms with expenses of-	8,633	5,878	(D)	(D)	816	2,406	1,461	1,056		
\$1 to \$4,999	540	356	1	9	13	207	52	74		
\$5,000 to \$9,999	369	239	1	3	55	89	54	37		
\$25,000 to \$99,999	36	29	-	1	2	7	11	8		
\$100,000 or more	10	7	-	-	1	5	1	-		
Secured by real estate .... farms \$1,000	611	382	2	11	55	177	58	79		
Farms with expenses of-	6,114	4,171	(D)	(D)	770	1,764	(D)	730		
\$1 to \$999	96	58	1	-	-	28	13	16		
\$1,000 to \$4,999	180	110	-	7	2	65	3	33		
\$5,000 to \$24,999	311	194	1	3	50	77	37	26		
\$25,000 to \$49,999	10	9	-	-	1	2	4	2		
\$50,000 or more	14	11	-	1	2	5	1	2		
Not secured by real estate .... farms \$1,000	430	316	-	3	18	166	82	47		
Farms with expenses of-	2,519	1,707	-	(D)	46	641	(D)	325		
\$1 to \$999	173	114	-	1	4	63	31	15		
\$1,000 to \$4,999	168	134	-	1	9	85	25	14		
\$5,000 to \$24,999	68	52	-	1	5	14	18	14		
\$25,000 to \$49,999	13	10	-	-	2	5	3	3		
\$50,000 or more	8	6	-	-	2	2	3	1		
Property taxes paid .... farms \$1,000	4,195	2,429	8	58	242	812	611	698		
Farms with expenses of-	6,463	4,667	7	194	774	1,199	1,158	1,334		
\$1 to \$4,999	4,009	2,288	8	49	233	775	575	648		
\$5,000 to \$9,999	106	75	-	5	1	23	25	25		
\$10,000 to \$24,999	53	44	-	1	3	9	18	16		
\$25,000 or more	27	22	-	3	2	5	3	9		

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
Utilities (see text) .......	farms \$1,000	930	-	27	128	411	223
Farms with expenses of-		3,143		7	179	1,547	1,226
\$1 to \$999		629		26	88	261	151
\$1,000 to \$4,999		259		1	36	135	52
\$5,000 to \$24,999		29		-	3	8	35
\$25,000 to \$49,999		5		-	1	3	16
\$50,000 or more		8		-	4	1	1
Supplies, repairs, and maintenance .....	farms \$1,000	1,863	7	48	305	686	475
Farms with expenses of-		8,982	1	20	1,413	4,856	2,100
\$1 to \$4,999		1,650	7	48	272	591	418
\$5,000 to \$24,999		166	-	-	24	69	49
\$25,000 to \$49,999		18	-	-	2	11	3
\$50,000 or more		29	-	-	7	15	5
Hired farm labor .....	farms \$1,000	497	-	11	86	190	128
Farms with expenses of-		37,819		174	1,647	23,021	11,172
\$1 to \$4,999		293	-	8	57	119	69
\$5,000 to \$24,999		110	-	-	18	28	30
\$25,000 to \$49,999		48	-	3	5	29	34
\$100,000 to \$249,999		32	-	-	5	9	7
\$250,000 or more		14	-	-	1	15	3
Contract labor .....	farms \$1,000	321	-	9	55	138	82
Farms with expenses of-		2,204	-	2	308	715	743
\$1 to \$999		115	-	9	16	58	32
\$1,000 to \$4,999		121	-	-	34	40	31
\$5,000 to \$24,999		65	-	-	2	36	16
\$25,000 to \$49,999		13	-	-	2	1	19
\$50,000 or more		7	-	-	1	1	4
Customwork and custom hauling .....	farms \$1,000	107	-	-	(D)	253	82
Farms with expenses of-		321	-	-	-	253	40
\$1 to \$999		75	-	-	-	39	37
\$1,000 to \$4,999		21	-	-	-	7	9
\$5,000 to \$24,999		10	-	-	-	8	1
\$25,000 to \$49,999		-	-	-	-	1	-
\$50,000 or more		1	-	-	-	1	-
Cash rent for land, buildings, and grazing fees .....	farms \$1,000	576	-	42	143	185	135
Farms with expenses of-		4,464	-	37	674	2,388	938
\$1 to \$4,999		472	-	41	111	166	100
\$5,000 to \$9,999		41	-	1	1	2	54
\$10,000 to \$24,999		44	-	-	26	11	25
\$25,000 or more		19	-	-	5	6	12
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....	farms \$1,000	146	-	-	35	54	45
Farms with expenses of-		913	-	-	(D)	544	92
\$1 to \$999		69	-	-	-	54	12
\$1,000 to \$4,999		68	-	-	25	20	27
\$5,000 to \$24,999		33	-	-	9	29	9
\$25,000 to \$49,999		3	-	-	2	1	11
\$50,000 or more		3	-	-	1	1	1
Interest expense .....	farms \$1,000	324	-	16	83	119	79
Farms with expenses of-		2,755	-	20	291	1,582	642
\$1 to \$4,999		184	-	16	57	49	53
\$5,000 to \$24,999		130	-	-	26	65	22
\$25,000 to \$99,999		7	-	-	-	3	17
\$100,000 or more		3	-	-	-	2	1
Secured by real estate .....	farms \$1,000	229	-	8	57	99	40
Farms with expenses of-		1,943	-	(D)	279	964	514
\$1 to \$999		38	-	-	8	29	40
\$1,000 to \$4,999		70	-	8	23	12	9
\$5,000 to \$24,999		117	-	-	26	57	18
\$25,000 to \$49,999		1	-	-	-	1	16
\$50,000 or more		3	-	-	-	1	-
Not secured by real estate .....	farms \$1,000	114	-	8	26	30	41
Farms with expenses of-		812	-	(D)	12	618	128
\$1 to \$999		59	-	8	25	-	9
\$1,000 to \$4,999		34	-	1	1	17	7
\$5,000 to \$24,999		16	-	-	-	10	16
\$25,000 to \$49,999		3	-	-	-	1	1
\$50,000 or more		2	-	-	-	2	-
Property taxes paid .....	farms \$1,000	1,766	7	45	271	655	497
Farms with expenses of-		1,797	4	28	228	713	576
\$1 to \$4,999		1,721	7	43	268	631	490
\$5,000 to \$9,999		31	-	-	2	20	282
\$10,000 to \$24,999		9	-	2	1	3	7
\$25,000 or more		5	-	-	-	1	2

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>								
Total farm production expenses - Con.								
All other production expenses (see text) ....	farms \$1,000	2,389 55,499	1,543 42,091	8 116	46 503	170 7,520	562 16,407	370 13,925
Farms with expenses of- \$1 to \$4,999 .....		1,803 394	1,090 299	6 1	29 14	111 45	392 85	254 80
\$5,000 to \$24,999 .....		56	44	-	-	2	28	4
\$25,000 to \$49,999 .....		68	53	1	-	3	23	7
\$50,000 to \$99,999 .....		68	57	-	1	8	24	14
\$100,000 or more .....		68	57	-	-	-	18	12
Production expenses paid by landlords <sup>3</sup> .....	farms \$1,000	216 1,170	143 824	-	(D)	18 154	38 (D)	33 219
Depreciation expenses claimed (see text) ....	farms \$1,000	1,709 34,498	1,029 28,054	2 (D)	23 (D)	95 1,762	367 11,275	288 12,389
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>								
Net cash farm income of operations (see text) ....	farms \$1,000	5,438 98,145	3,114 58,031	8 192	65 398	326 13,063	1,050 26,077	783 13,890
Average per farm .....	dollars	18,048	18,635	24,009	6,130	40,069	24,836	17,739 4,410
Farms with net gains <sup>4</sup> ....	number	3,278	1,921	8	34	201	652	461 565
Average net gain .....	dollars	41,991	44,218	24,009	45,585	74,855	55,538	49,211 16,386
Gain of- Less than \$1,000 .....		400	181	-	-	9	83	19 70
\$1,000 to \$4,999 .....		1,022	514	-	6	10	145	147 206
\$5,000 to \$9,999 .....		575	323	-	-	58	55	104
\$10,000 to \$24,999 .....		587	399	6	1	69	122	76 115
\$25,000 to \$49,999 .....		311	211	-	7	18	123	57
\$50,000 or more .....		383	293	1	12	37	146	58 39
Farms with net losses .....	number	2,160	1,193	-	31	125	398	322 317
Average net loss .....	dollars	18,287	22,558	-	37,143	15,867	25,460	27,318 15,293
Loss of- Less than \$1,000 .....		370	144	-	-	9	59	45 31
\$1,000 to \$4,999 .....		752	411	-	7	49	102	110 143
\$5,000 to \$9,999 .....		329	177	-	11	8	75	49 34
\$10,000 to \$24,999 .....		404	259	-	-	35	104	61 58
\$25,000 to \$49,999 .....		159	128	-	7	18	35	28 40
\$50,000 or more .....		146	74	-	5	6	23	29 11
Net cash farm income of operators (see text) ....	farms \$1,000	5,438 98,563	3,114 58,320	8 192	65 343	326 12,793	1,050 27,059	783 13,987
Average per farm .....	dollars	18,125	18,728	24,009	5,283	39,243	25,771	17,864 3,945
Operators reporting net gains <sup>4</sup> ....	farms	3,283 42,210	1,927 44,514	8 24,009	34 44,891	201 73,954	651 57,214	461 572 15,974
Average net gain .....	dollars							
Gain of- Less than \$1,000 .....		372	161	-	-	9	74	19 59
\$1,000 to \$4,999 .....		1,046	539	-	6	10	161	136 226
\$5,000 to \$9,999 .....		594	333	-	-	58	65	114 88
\$10,000 to \$24,999 .....		580	392	6	1	7	125	76 107
\$25,000 to \$49,999 .....		304	204	-	7	10	74	58 94
\$50,000 or more .....		387	298	1	12	37	152	58 38
Operators reporting net losses .....	farms	2,155 18,567	1,187 23,132	-	31 38,158	125 16,572	399 25,532	322 27,402 310 16,749
Average net loss .....	dollars							
Loss of- Less than \$1,000 .....		374	148	-	-	7	59	45 37
\$1,000 to \$4,999 .....		739	398	-	7	51	102	110 128
\$5,000 to \$9,999 .....		331	178	-	11	8	77	49 33
\$10,000 to \$24,999 .....		402	257	-	-	35	103	61 58
\$25,000 to \$49,999 .....		161	130	-	8	18	35	28 41
\$50,000 or more .....		148	76	-	5	6	23	29 13
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>								
Total .....	farms \$1,000	1 (D)	1 (D)	-	-	-	-	1 (D) -
<b>INCOME FROM FARM-RELATED SOURCES</b>								
Total income from farm-related sources, gross before taxes and expenses (see text) ....	farms \$1,000	449 19,237	319 13,290	-	9 421	48 1,320	101 4,562	73 4,855 2,132
Customwork and other agricultural services .....	farms \$1,000	181 7,448	135 (D)	-	4 19	18 401	53 1,336	32 (D) 28 370
Gross cash rent or share payments .....	farms \$1,000	103 3,482	64 3,159	-	3 (D)	8 (D)	10 (D)	19 1,754 24 623
Sales of forest products, excluding Christmas trees and maple products .....	farms \$1,000	21 243	14 (D)	-	-	5 (D)	3 (D)	5 (D) 1 (D)
Recreational services (see text) .....	farms \$1,000	24 1,607	21 1,570	-	1 (D)	19 (D)	8 (D)	4 218 5 490

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>							
Total farm production expenses - Con.							
All other production expenses (see text) .... farms \$1,000	846	-	19 18	114 954	336 4,033	224 4,919	153 3,484
Farms with expenses of- \$1 to \$4,999 ..... 713	-	18	83	286	188	138	138
\$5,000 to \$24,999 ..... 95	-	1	19	43	23	9	9
\$25,000 to \$49,999 ..... 12	-	-	3	-	7	2	2
\$50,000 to \$99,999 ..... 15	-	-	9	1	4	1	1
\$100,000 or more ..... 11	-	-	-	6	2	3	3
Production expenses paid by landlords <sup>3</sup> .... farms \$1,000	73	7	-	2 (D)	10 (D)	36 119	18 41
Depreciation expenses claimed (see text) .... farms \$1,000	680	7	20 62	90 344	238 3,345	192 2,218	133 468
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>							
Net cash farm income of operations (see text) .... farms \$1,000	2,324	7	75	396	824	609	413
Average per farm ..... dollars	40,114	61	236	1,676	28,352	5,152	4,638
Farms with net gains <sup>4</sup> .... number	1,357	7	49	261	397	327	316
Average net gain ..... dollars	38,838	8,700	9,318	16,060	85,180	27,635	16,267
Gain of- Less than \$1,000 ..... 219	-	-	28	102	40	49	49
\$1,000 to \$4,999 ..... 508	-	25	54	108	128	153	153
\$5,000 to \$9,999 ..... 252	7	17	69	85	41	33	33
\$10,000 to \$24,999 ..... 188	-	-	44	56	42	46	46
\$25,000 to \$49,999 ..... 100	-	7	9	6	60	18	18
\$50,000 or more ..... 90	-	-	17	40	16	17	17
Farms with net losses .... number	967	-	26	135	427	282	97
Average net loss ..... dollars	13,018	-	8,503	18,633	12,798	13,776	5,180
Loss of- Less than \$1,000 ..... 226	-	10	24	91	73	28	28
\$1,000 to \$4,999 ..... 341	-	8	64	145	88	36	36
\$5,000 to \$9,999 ..... 152	-	5	18	63	55	11	11
\$10,000 to \$24,999 ..... 145	-	-	1	78	45	21	21
\$25,000 to \$49,999 ..... 31	-	1	9	13	7	1	1
\$50,000 or more ..... 72	-	2	19	37	14	-	-
Net cash farm income of operators (see text) .... farms \$1,000	2,324	7	75	396	824	609	413
Average per farm ..... dollars	40,243	70	236	1,671	28,410	5,261	4,595
Operators reporting net gains <sup>4</sup> .... farms	1,356	7	49	261	397	327	315
Average net gain ..... dollars	38,936	10,000	9,318	16,041	85,327	27,836	16,210
Gain of- Less than \$1,000 ..... 211	-	-	28	102	40	41	41
\$1,000 to \$4,999 ..... 507	-	25	94	108	128	152	152
\$5,000 to \$9,999 ..... 261	-	17	76	85	41	42	42
\$10,000 to \$24,999 ..... 188	7	-	37	56	42	46	46
\$25,000 to \$49,999 ..... 100	-	7	9	6	60	18	18
\$50,000 or more ..... 89	-	-	17	40	16	16	16
Operators reporting net losses .... farms	968	-	26	135	427	282	98
Average net loss ..... dollars	12,969	-	8,503	18,633	12,799	13,621	5,214
Loss of- Less than \$1,000 ..... 226	-	10	24	91	73	28	28
\$1,000 to \$4,999 ..... 341	-	8	64	145	88	36	36
\$5,000 to \$9,999 ..... 153	-	5	18	63	55	12	12
\$10,000 to \$24,999 ..... 145	-	-	1	78	45	21	21
\$25,000 to \$49,999 ..... 31	-	1	9	13	7	1	1
\$50,000 or more ..... 72	-	2	19	37	14	-	-
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>							
Total ..... farms \$1,000	-	-	-	-	-	-	-
<b>INCOME FROM FARM-RELATED SOURCES</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) .... farms \$1,000	130	1	2	16	61	31	19
Customwork and other agricultural services ..... farms \$1,000	46	1	2	10	18	10	5
Gross cash rent or share payments ..... farms \$1,000	39	-	-	5	17	8	9
Sales of forest products, excluding Christmas trees and maple products ..... farms \$1,000	323	-	-	(D)	221	(D)	40
Recreational services (see text) .... farms \$1,000	7	-	-	1	4	2	-
	38	3	-	-	1	(D)	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>								
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.								
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	40	32	-	-	(D) <sup>3</sup>	8	(D) <sup>6</sup>	(D) <sup>15</sup>
90	86							
Other farm-related income sources (see text) .... farms \$1,000	134	97	-	(D) <sup>3</sup>	12	34	(D) <sup>22</sup>	(D) <sup>26</sup>
6,368	(D)			(D)	244	2,234	(D)	597
<b>LAND USE</b>								
Total cropland .... farms	4,755	2,755	(D) <sup>7</sup>	72	342	837	650	847
acres	211,120	179,346		(D)	15,129	72,914	71,652	14,055
Harvested cropland .... farms	4,522	2,619	6	63	330	803	619	798
acres	109,461	91,066	78	2,025	8,510	45,487	30,621	4,345
Farms by acres harvested:								
1 to 49 acres .....	4,415	2,530	6	60	321	761	594	788
50 to 99 acres .....	49	40	-	2	4	16	11	7
100 to 199 acres .....	23	20	-	-	1	12	5	2
200 to 499 acres .....	15	14	-	-	2	5	6	1
500 to 999 acres .....	6	5	-	-	-	5	-	-
1,000 to 1,999 acres .....	5	3	-	1	1	-	1	-
2,000 acres or more .....	9	7	-	-	1	4	2	-
Cropland-								
For pasture or grazing only .... farms	451	264	(D) <sup>1</sup>	10	33	79	63	78
acres	36,540	29,804		(D)	(D) <sup>14</sup>	7,488	6,958	8,200
On which all crops failed .... farms	200	127	-	2	(D)	42	33	36
acres	1,407	943		(D)	(D)	(D)	(D)	216
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms	858	519	-	14	77	171	147	110
acres	61,569	55,461		105	2,610	19,033	32,433	1,280
In cultivated summer fallow .... farms	55	45	-	2	10	15	10	8
acres	2,153	2,072		(D)	168	(D)	(D)	14
Total woodland .... farms	308	170	-	-	18	59	50	43
acres	117,685	101,308			(D)	(D)	(D)	
Woodland pastured .... farms	86	51	-	-	8	12	19	17,103
acres	41,467	(D)			(D)	(D)	(D)	12
Woodland not pastured .... farms	248	136	-	-	13	53	36	34
acres	76,218	(D)			(D)	(D)	(D)	
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms	858	478	(D) <sup>1</sup>	17	50	115	121	174
acres	852,626	733,336		(D)	(D)	(D)	(D)	167,717
Land in house lots, ponds, roads, wasteland, etc. .... farms	1,973	1,172	(D) <sup>1</sup>	25	134	386	294	332
acres	119,068	108,958		(D)		10,825	78,161	9,069
Irrigated land .... farms	2,231	1,407	3	27	200	470	343	364
acres	69,194	60,192	11	2,681	6,723	14,777	34,370	1,630
Harvested cropland .... farms	2,174	1,367	3	26	198	459	326	355
acres	58,691	50,336	11	1,621	6,683	14,255	26,514	1,252
Pastureland and other land .... farms	111	79	-	3	7	24	31	14
acres	10,503	9,856		1,060	40	522	7,856	378
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>								
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms	5	(D) <sup>3</sup>	-	-	(D) <sup>2</sup>	-	(D) <sup>1</sup>	-
acres	243							
Land used to raise certified organically produced crops (see text) .... farms	126	89	-	5	11	32	25	16
acres	780	529		9	47	333	97	43
Land enrolled in Federal or other crop insurance programs (see text) .... farms	185	133	(D) <sup>1</sup>	8	23	48	29	24
acres	27,759	21,044		(D)	437	8,845	1,206	10,475
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>								
Estimated market value of land and buildings .... farms	5,438	3,114	(D) <sup>8</sup>	65	326	1,050	783	882
\$1,000 dollars	4,583,552	3,320,953	(D)	(D)	362,154	1,317,474	883,451	687,587
Average per farm	842,875	1,066,459	(D)	(D)	1,110,901	1,254,737	1,128,290	779,577
Average per acre	3,507	2,962	(D)	(D)	4,992	3,277	2,111	3,350
Farms by value group:								
\$1 to \$49,999 .....	563	242	-	6	2	68	124	42
\$50,000 to \$99,999 .....	556	276	-	-	40	65	88	83
\$100,000 to \$199,999 .....	839	470	1	17	36	177	96	143
\$200,000 to \$499,999 .....	1,643	1,003	7	25	110	306	233	322
\$500,000 to \$999,999 .....	1,000	920	-	-	64	218	95	143
\$1,000,000 to \$1,999,999 .....	442	312	-	4	42	125	64	77
\$2,000,000 to \$4,999,999 .....	279	196	-	10	19	53	63	51
\$5,000,000 to \$9,999,999 .....	67	59	-	3	9	22	12	13
\$10,000,000 or more .....	49	36	-	-	4	16	8	8

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>							
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.							
Patronage dividends and refunds from cooperatives (see text) .... farms \$1,000	84	-	-	-	(D)	(D)	(D)
Other farm-related income sources (see text) .... farms \$1,000	37(D)	1(D)	-	2(D)	21(D)	10112	3(D)
<b>LAND USE</b>							
Total cropland .... farms	2,000	4	56	295	748	495	402
acres	31,774	11	361	2,482	13,757	11,941	3,222
Harvested cropland .... farms	1,903	4	51	281	710	470	387
acres	18,395	11	176	1,184	8,153	7,477	1,394
Farms by acres harvested:							
1 to 49 acres .....	1,885	4	51	280	704	462	384
50 to 99 acres .....	9	-	-	1	1	4	3
100 to 199 acres .....	3	-	-	-	2	1	-
200 to 499 acres .....	1	-	-	-	-	1	-
500 to 999 acres .....	1	-	-	-	1	-	-
1,000 to 1,999 acres .....	2	-	-	-	1	1	-
2,000 acres or more .....	2	-	-	-	1	1	-
Cropland-							
For pasture or grazing only .... farms	187	-	5	33	63	55	31
On which all crops failed .... farms	6,736	-	65	987	2,837	1,846	1,001
acres	73	-	4	11	35	16	7
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .... farms	339	-	11	41	155	91	41
acres	6,098	-	98	274	2,554	2,383	789
In cultivated summer fallow .... farms	10	-	1	2	2	5	-
acres	81	-	(D)	(D)	(D)	60	-
Total woodland .... farms	138	-	4	15	54	39	26
acres	16,377	-	(D)	(D)	1,967	(D)	(D)
Woodland pastured .... farms	35	-	1	4	16	9	5
acres	(D)	-	(D)	(D)	(D)	(D)	(D)
Woodland not pastured .... farms	112	-	3	12	44	32	21
acres	(D)	-	(D)	(D)	(D)	(D)	99
Pastureland and rangeland, other than cropland and woodland pastured (see text) .... farms	380	3	15	53	146	95	68
acres	119,290	31	(D)	16,088	29,299	57,738	(D)
Land in house lots, ponds, roads, wasteland, etc. .... farms	801	1	23	117	311	198	151
acres	10,110	(D)	110	(D)	6,000	(D)	(D)
Irrigated land .... farms	824	3	21	121	319	187	173
acres	9,002	3	72	346	5,751	2,434	396
Harvested cropland .... farms	807	3	20	118	314	181	171
acres	8,355	3	(D)	(D)	(D)	2,196	384
Pastureland and other land .... farms	32	-	1	7	11	8	5
acres	647	-	(D)	(D)	(D)	238	12
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>							
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .... farms	(D)	-	(D)	-	-	-	(D)
Land used to raise certified organically produced crops (see text) .... farms	37	-	(D)	(D)	182	9	6
acres	251	-	(D)	(D)	(D)	33	26
Land enrolled in Federal or other crop insurance programs (see text) .... farms	52	-	(D)	8	18	11	14
acres	6,715	-	(D)	91	(D)	(D)	112
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>							
Estimated market value of land and buildings .... farms	2,324	7	75	396	824	609	413
\$1,000 dollars	1,262,600	(D)	(D)	179,701	470,131	357,781	238,459
Average per farm	543,287	(D)	(D)	453,789	570,547	587,781	577,381
Average per acre	6,796	(D)	(D)	6,705	10,019	4,124	10,130
Farms by value group:							
\$1 to \$49,999 .....	321	7	24	88	77	98	27
\$50,000 to \$99,999 .....	280	-	5	70	86	64	55
\$100,000 to \$199,999 .....	369	-	25	47	189	31	77
\$200,000 to \$499,999 .....	640	-	10	73	211	184	162
\$500,000 to \$999,999 .....	480	-	8	80	192	163	37
\$1,000,000 to \$1,999,999 .....	130	-	2	27	41	38	22
\$2,000,000 to \$4,999,999 .....	83	-	1	10	16	28	26
\$5,000,000 to \$9,999,999 .....	8	-	-	1	1	1	5
\$10,000,000 or more .....	13	-	-	-	11	2	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>								
Estimated market value of all machinery and equipment	farms \$1,000	5,234 186,163	3,032 147,317	8 165	65 5,892	325 25,528	1,043 51,755	740 45,449
Farms by value group:		2,222	1,077	1 6	8 15	66 19	368 195	274 111
\$0 to \$4,999		883	494					360 149
\$5,000 to \$9,999		834	558					111 145
\$10,000 to \$19,999		739	473		22	64 59	129 132	129 130
\$20,000 to \$49,999		273	209		2	11 57	130 55	125 36
\$100,000 to \$199,999		149	121	1	8	11 59	15 23	15 15
\$200,000 to \$499,999		89	61			3 2	11 29	18 11
\$500,000 or more		45	39		3	2	24	7 3
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>								
Tractors	farms number	2,896 5,220	1,913 3,704	8 16	52 143	238 386	653 1,309	463 1,041
Less than 40 horsepower (PTO)	farms number	2,149 3,111	1,435 2,038	8 16	36 48	168 214	503 715	360 544
40 to 99 horsepower (PTO)	farms number	962 1,715	708 1,380	-	22 81	84 139	240 533	197 367
100 horsepower (PTO) or more	farms number	230 394	144 286	-	9 14	28 33	38 61	36 130
Grain and bean combines	farms number	6 8	4 (D)	-	-	-	3 4	1 (D)
Cotton pickers and strippers	farms number	- -	- -	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	4 4	4 4	-	-	1 (D)	1 (D)	2 (D)
Hay balers	farms number	14 16	13 (D)	-	1 (D)	-	9 9	2 (D)
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>								
Commercial fertilizer, lime, and soil conditioners	farms acres treated	4,042 127,996	2,284 109,179	8 63	37 1,977	210 4,430	830 41,265	557 56,171
Manure	farms acres treated	570 3,812	376 2,800	6 36	2 (D)	45 (D)	198 1,124	68 500
Acres treated with chemicals to control:								
Insects	farms acres	1,840 41,616	1,173 32,826	8 63	18 1,887	143 5,104	416 16,673	317 6,934
Weeds, grass, or brush	farms acres	2,820 101,258	1,647 87,516	8 65	28 3,926	171 6,425	592 32,366	405 39,365
Nematodes	farms acres	275 8,169	200 (D)	1 (D)	2 (D)	30 762	30 2,181	63 (D)
Diseases in crops and orchards	farms acres	800 30,824	549 21,050	8 63	3 (D)	40 3,788	213 11,508	122 4,294
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	216 26,378	118 25,139	2 (D)	1 (D)	1 (D)	51 (D)	47 (D)
<b>TENURE</b>								
Full owners	farms	3,202	1,733	6	23	159	459	422
Part owners	farms	589	395	-	15	88	116	99
Tenants	farms	1,607	997	1	44	155	352	221
<b>OWNED AND RENTED LAND</b>								
Land owned	farms acres	3,801 700,691	2,134 613,080	6 88	38 7,143	227 52,943	578 217,542	522 264,308
Owned land in farms	farms acres	3,791 673,158	2,128 591,727	6 (D)	38 7,143	227 (D)	575 216,719	521 260,007
Land rented or leased from others	farms acres	2,205 654,426	1,399 557,029	1 (D)	59 18,129	224 (D)	470 205,992	323 157,928
Rented or leased land in farms	farms acres	2,196 627,341	1,392 531,221	1 (D)	59 17,919	223 (D)	468 185,535	320 156,417
Land rented or leased to others	farms acres	204 54,618	126 47,161	-	3 (D)	16 (D)	30 5,812	36 5,239
<b>NUMBER OF OPERATORS</b>								
Total operators	number	8,009	4,657	14	129	579	1,373	1,111
Farms by number of operators:								
1 operator		3,306	1,910	2	47	234	572	459
2 operators		1,767	1,020	3	26	123	307	238
3 operators		1,237	146	2	6	16	31	32
4 operators		45	21	-	3	4	5	6
5 or more operators		43	28	-	-	5	12	7
Total women operators	number	2,652	1,494	7	36	184	439	365
Farms by number of women operators:								
1 operator		2,273	1,269	5	28	159	377	297
2 operators		148	88	1	4	11	23	22
3 operators		16	8	-	-	1	4	2
4 operators		2	1	-	-	1	1	-
5 or more operators		3	2	-	-	1	1	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Estimated market value of all machinery and equipment	farms \$1,000	2,202 38,845	7 7	75 242	389 8,402	790 13,985	558 10,809
Farms by value group:							
\$0 to \$4,999		1,145	7	47	226	371	279
\$5,000 to \$9,999		389	-	25	32	185	98
\$10,000 to \$19,999		276	-	3	64	103	73
\$20,000 to \$49,999		266	-	-	52	87	67
\$50,000 to \$99,999		64	-	-	2	18	22
\$100,000 to \$199,999		28	-	-	-	19	6
\$200,000 to \$499,999		28	-	-	11	4	12
\$500,000 or more		6	-	-	1	3	1
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>							
Tractors	farms number	983 1,516	-	29	122	374	254
Less than 40 horsepower (PTO)	farms number	714 1,073	-	20 48	81 102	550 397	453 320
40 to 99 horsepower (PTO)	farms number	254 335	-	-	23	103	204 320
100 horsepower (PTO) or more	farms number	86 108	-	9	28 23	119 16	97 34
Grain and bean combines	farms number	2 (D)	-	-	-	-	2
Cotton pickers and strippers	farms number	- -	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms number	- -	-	-	-	-	-
Hay balers	farms number	1 (D)	-	-	-	(D)	-
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>							
Commercial fertilizer, lime, and soil conditioners	farms acres treated	1,758 18,817	7 28	35 121	303 1,875	645 9,364	452 6,505
Manure	farms acres treated	354 1,012	-	-	67 116	159 669	71 134
Acres treated with chemicals to control:							
Insects	farms acres	667 8,790	7 28	33 42	107 434	262 5,573	153 2,370
Weeds, grass, or brush	farms acres	1,173 13,742	7 28	49 130	191 766	448 5,994	272 5,567
Nematodes	farms acres	75 (D)	-	-	2 (D)	27 (D)	29 75
Diseases in crops and orchards	farms acres	251 9,774	-	9	20 (D)	95 5,039	50 (D)
Chemicals used to control growth, thin fruit, or defoliate	farms acres on which used	.98 1,239	-	17 26	9 18	31 156	35 1,033
<b>TENURE</b>							
Full owners	farms farms	1,469 194	5	32 2	193 28	535 76	366 54
Part owners	farms	610	-	38	117	234	34 138
Tenants	farms	-	-	-	-	-	81
<b>OWNED AND RENTED LAND</b>							
Land owned	farms acres	1,667 87,611	5 79	35 75	221 4,477	613 19,271	421 59,233
Owned land in farms	farms acres	1,663 81,431	5 (D)	34 (D)	221 (D)	611 17,685	420 54,975
Land rented or leased from others	farms acres	806 97,397	2 (D)	40 (D)	145 16,709	310 34,497	192 28,783
Rented or leased land in farms	farms acres	804 96,120	2 (D)	40 (D)	145 (D)	310 33,338	192 28,744
Land rented or leased to others	farms acres	78 7,457	-	1 (D)	5 41	32 2,745	20 (D)
<b>NUMBER OF OPERATORS</b>							
Total operators	number	3,352	9	101	501	1,196	852
Farms by number of operators:							
1 operator		1,396	5	48	206	559	320
2 operators		747	2	20	111	252	198
3 operators		91	-	3	14	22	30
4 operators		24	-	1	6	5	6
5 or more operators		15	-	-	1	7	4
Total women operators	number	1,158	3	32	154	397	301
Farms by number of women operators:							
1 operator		1,004	3	28	140	345	254
2 operators		60	-	2	7	20	16
3 operators		8	-	-	-	2	5
4 operators		1	-	-	-	-	1
5 or more operators		1	-	-	-	1	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>								
Sex of operator:								
Male .....	4,338	2,532	4	70	311	753	603	791
Female .....	1,060	593	3	12	71	174	139	194
Primary occupation:								
Farming .....	3,125	3,125	7	82	382	927	742	985
Other .....	2,273	-	-	-	-	-	-	-
Place of residence:								
On farm operated .....	3,538	2,091	5	38	224	606	508	710
Not on farm operated .....	1,860	1,034	2	44	158	321	234	275
Days worked off farm:								
None .....	2,786	2,162	4	43	234	575	504	802
Any .....	2,612	963	3	39	148	352	238	183
1 to 49 days .....	332	217	1	5	32	78	62	39
50 to 99 days .....	226	121	1	3	15	51	29	22
100 to 199 days .....	393	170	-	10	25	47	38	50
200 days or more .....	1,661	455	1	21	76	176	109	72
Years on present farm:								
2 years or less .....	322	161	4	9	28	56	38	26
3 or 4 years .....	547	287	2	20	60	95	64	46
5 to 9 years .....	1,194	614	1	37	107	208	157	104
10 years or more .....	3,335	2,063	-	16	187	568	483	809
Average years on present farm .....	15.5	17.0	2.9	6.4	10.1	13.7	15.8	24.7
Age group:								
Under 25 years .....	14	7	7	-	-	-	-	-
25 to 34 years .....	154	82	-	82	-	-	-	-
35 to 44 years .....	720	382	-	-	382	-	-	-
45 to 49 years .....	822	434	-	-	-	434	-	-
50 to 54 years .....	950	493	-	-	-	493	-	-
55 to 59 years .....	796	439	-	-	-	-	439	-
60 to 64 years .....	504	303	-	-	-	-	303	-
65 to 69 years .....	426	278	-	-	-	-	-	278
70 years and over .....	1,012	707	-	-	-	-	-	707
Average age .....	56.5	57.9	20.9	31.1	40.7	49.7	58.9	74.0
Spanish, Hispanic, or Latino origin (see text) .....	241	156	1	7	28	37	33	50
Race:								
White .....	2,148	1,181	5	20	146	411	297	302
Black or African American .....	12	6	-	-	1	3	-	2
American Indian or Alaska Native .....	30	17	-	2	1	5	2	7
Native Hawaiian or Other Pacific Islander .....	424	233	1	20	20	68	68	56
Asian .....	2,090	1,312	1	27	169	336	293	486
More than one race reported .....	694	376	-	13	45	104	82	132
Operators living on an American Indian reservation .....	-	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:								
1 person .....	780	462	1	8	37	123	116	177
2 people .....	2,189	1,317	1	17	73	299	347	581
3 people .....	919	500	2	21	76	173	130	98
4 people .....	796	432	3	18	99	185	74	53
5 or more people .....	714	414	1	18	97	147	75	76
Percent of operator's total household income from farming:								
Less than 25 percent .....	3,134	1,425	2	36	131	310	358	588
25 to 49 percent .....	593	396	1	10	40	116	77	152
50 to 74 percent .....	405	304	1	1	36	86	59	121
75 to 99 percent .....	213	180	-	7	26	68	42	37
100 percent .....	723	588	2	17	107	257	148	57
Operator is a hired manager .....	farms	330	232	1	11	42	90	58
	acres	789,520	763,499	(D)	15,865	33,182	359,095	347,680
Farms with-								
Computer for farm business .....	2,173	1,295	7	45	194	503	315	231
Internet access .....	2,613	1,451	4	44	222	553	361	267
Farms by number of households sharing in net income of farm:								
1 household .....	4,037	2,218	3	52	268	666	532	697
2 households .....	717	474	1	12	39	102	116	204
3 households .....	146	89	1	4	14	23	18	29
4 households .....	78	54	1	2	10	23	5	13
5 households or more .....	90	58	-	1	9	23	13	12
<b>F FARMS BY TYPE OF ORGANIZATION</b>								
Family or individual .....	farms	4,629	2,609	5	68	313	747	614
	acres	329,529	(D)	(D)	(D)	(D)	(D)	83,258
Partnership .....	farms	225	148	-	(D)	(D)	(D)	48
	acres	116,731	102,969	-	(D)	928	(D)	32
Registered under state law .....	farms	182	125	-	(D)	(D)	(D)	41
	acres	114,417	101,464	-	(D)	(D)	(D)	71,580

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>							
Sex of operator:							
Male	1,806	5	58	293	682	447	321
Female	467	2	14	45	163	111	132
Primary occupation:							
Farming	2,273	-	72	338	845	558	453
Other		7					
Place of residence:							
On farm operated	1,447	1	35	201	560	348	302
Not on farm operated	826	6	37	137	285	210	151
Days worked off farm:							
None	624	2	9	36	138	157	282
Any	1,649	5	63	302	707	401	171
1 to 49 days	115	-	6	16	39	32	22
50 to 99 days	105	-	2	14	34	34	21
100 to 199 days	223	-	7	36	98	60	22
200 days or more	1,206	5	48	236	536	275	106
Years on present farm:							
2 years or less	161	5	17	39	48	35	17
3 or 4 years	260	-	16	57	102	55	30
5 to 9 years	580	2	30	123	231	118	76
10 years or more	1,272	-	9	119	464	350	330
Average years on present farm	13.5	2.7	5.2	8.7	12.1	14.4	19.8
Age group:							
Under 25 years	7	7	-	-	-	-	-
25 to 34 years	72	-	72	-	-	-	-
35 to 44 years	338	-	-	338	-	-	-
45 to 49 years	388	-	-	-	388	-	-
50 to 54 years	457	-	-	-	457	-	-
55 to 59 years	357	-	-	-	-	357	-
60 to 64 years	201	-	-	-	-	201	-
65 to 69 years	148	-	-	-	-	-	148
70 years and over	305	-	-	-	-	-	305
Average age	54.6	21.9	31.2	40.8	49.7	58.6	73.2
Spanish, Hispanic, or Latino origin (see text)	85	1	6	12	41	13	12
Race:							
White	967	5	24	123	392	270	153
Black or African American	6	-	-	-	1	3	2
American Indian or Alaska Native	13	-	-	-	6	4	3
Native Hawaiian or Other Pacific Islander	191	1	9	37	69	45	30
Asian	778	1	27	114	255	178	203
More than one race reported	318	-	12	64	122	58	62
Operators living on an American Indian reservation	-	-	-	-	-	-	-
Farms by number of persons living in operator's household:							
1 person	318	1	6	35	110	80	86
2 people	872	3	12	60	242	288	267
3 people	419	1	20	55	206	90	47
4 people	364	1	15	99	168	48	33
5 or more people	300	1	19	89	119	52	20
Percent of operator's total household income from farming:							
Less than 25 percent	1,709	3	56	249	646	420	335
25 to 49 percent	197	-	55	34	70	46	42
50 to 74 percent	101	3	5	20	35	17	21
75 to 99 percent	33	-	1	5	10	10	7
100 percent	135	1	-	18	52	37	27
Operator is a hired manager	farms	98	-	5	12	32	21
	acres	26,021	-	(D)	(D)	12,894	7,551
Farms with-							
Computer for farm business	878	3	29	153	366	225	102
Internet access	1,162	3	41	190	500	282	146
Farms by number of households sharing in net income of farm:							
1 household	1,819	6	59	280	718	434	322
2 households	243	1	5	23	58	40	86
3 households	57	-	2	10	16	16	13
4 households	24	-	-	7	9	2	6
5 households or more	32	-	1	6	12	8	5
<b>F FARMS BY TYPE OF ORGANIZATION</b>							
Family or individual	farms	2,020	7	66	307	756	489
	acres	(D)	(D)	(D)	(D)	(D)	(D)
Partnership	farms	13,768	-	(D)	(D)	(D)	2,514
	acres	57	-	(D)	(D)	(D)	(D)
Registered under state law	farms	12,953	-	(D)	(D)	(D)	11
	acres	57	-	(D)	(D)	(D)	(D)

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>								
Corporation .....	farms acres	713,539	332 (D)	1 (D)	16,860 8 (D)	47 38 (D)	329,788 98 (D)	242,253 74 (D)
Family held .....	farms acres	344,165	320,461	(D)	(D)	9,022 36 3	68 95 36	51,265 63 50,994
More than 10 stockholders .....	farms acres	24	16	1	7	3	6	4
10 or less stockholders .....	farms acres	368	266	-	-	95	68	59
Other than family held .....	farms acres	368,784	50 (D)	-	1 (D)	9 (D) 3 6	22 (D) 2 20	10 (D) 1 9
More than 10 stockholders .....	farms acres	11	7	-	-	3	2	1
10 or less stockholders .....	farms acres	69	43	-	1	6	20	7
Other-cooperative, estate or trust, institutional, etc .....	farms acres	141,044	72 (D)	36 (D)	1 -	5 (D)	14 (D)	12 (D)
<b>H HIRED FARM LABOR</b>								
Hired farm labor .....	farms workers	1,527	1,030	8	27	105	422	291
Workers by days worked:		12,640	9,467	39	713	808	4,011	2,838
150 days or more .....	farms workers	834	685	2	18	73	279	195
Less than 150 days .....	farms workers	7,185	5,653	(D)	(D)	360	2,192	2,177
1,141	farms workers	740	740	7	22	68	310	214
Migrant farm labor on farms with hired labor (see text) .....	farms	189	133	1	2	7	58	27
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	35	-	-	-	9	25
<b>F FARMS BY SIZE</b>								
1 to 9 acres .....		3,440	1,824	5	43	207	506	441
10 to 49 acres .....		1,309	856	2	26	119	278	203
50 to 99 acres .....		130	86	-	2	13	35	18
100 to 199 acres .....		81	46	-	-	16	10	11
200 to 399 acres .....		82	63	-	1	23	10	20
400 to 1,799 acres .....		42	28	-	-	11	5	10
1,800 to 2,199 acres .....		34	20	-	-	5	8	5
2,200 to 2,599 acres .....		19	16	-	-	2	4	9
2,600 to 4,999 acres .....		93	61	-	2	7	12	27
5,000 to 9,999 acres .....		61	45	-	3	5	17	13
1,000 to 1,999 acres .....		41	27	-	3	2	6	11
2,000 acres or more .....		66	53	-	3	6	16	9
14							14	14
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>								
Oilseed and grain farming (1111) .....		24	13	-	-	3	5	4
Vegetable and melon farming (1112) .....		548	412	1	11	86	131	96
Fruit and tree nut farming (1113) .....		2,362	1,272	2	27	112	350	308
Greenhouse, nursery, and floriculture production (1114) .....		1,264	722	3	16	89	253	169
Other crop farming (1119) .....		233	144	-	9	30	44	32
Tobacco farming (11191) .....		-	-	-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....		233	144	-	9	30	44	32
Beef cattle ranching and farming (11211) .....		526	303	1	10	30	62	71
Cattle feedlots (112112) .....		30	19	-	-	-	35	10
Dairy cattle and milk production (11212) .....		13	8	-	-	-	12	5
Hog and pig farming (1122) .....		115	62	-	4	2	15	15
Poultry and egg production (1123) .....		51	29	-	4	4	6	24
Sheep and goat farming (1124) .....		65	39	-	2	3	18	8
Animal aquaculture and other animal production (1125, 1129) .....		167	102	-	2	19	38	25
16								18
<b>L LIVESTOCK</b>								
Cattle and calves inventory .....	farms number	748	427	1 (D)	3,720	40	54,981	98
Farms with-		154,308	132,482	(D)	12,513	99	26,885	172 (D)
1 to 9		235	105	1	2	10	27	38
10 to 49		248	135	-	8	11	30	55
50 to 99		84	48	-	-	2	12	27
100 to 199		73	51	-	5	3	12	9
200 to 499		54	42	-	2	6	12	17
500 or more		54	46	-	7	7	12	13
Cows and heifers that had calved .....	farms number	597	347	1 (D)	2,439	32	32,030	74
Beef cows .....	farms number	578	335	1 (D)	2,439	30	84 (D)	70 (D)
Farms with-		83,277	(D)	(D)	(D)	(D)	(D)	134 (D)
1 to 9		183	80	1	4	8	25	28
10 to 49		210	124	-	6	10	29	54
50 to 99		68	40	-	1	1	50	18
100 to 199		53	41	-	3	3	50	18
200 to 499		26	18	-	2	3	50	11
500 or more		38	32	-	-	3	7	11

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>							
Corporation .....	farms acres (D)	140 110 (D)	-	3 (D) (D)	22 (D) (D)	42 17,916 (D)	38 (D) (D)
Family held .....	farms acres 24,304 8 102	-	-	2 (D)	20 1 1	31 7 7	35 3,226 27 3,177 24
More than 10 stockholders .....	farms acres	-	-	-	-	-	-
10 or less stockholders .....	farms farms	102	-	2	20	31	25
Other than family held .....	farms acres (D)	30 4 26	-	1 (D)	1 (D)	9 (D)	11 4,869 1 10
More than 10 stockholders .....	farms farms	-	-	1	1	7	8 49 1 7
10 or less stockholders .....	farms farms	-	-	-	-	-	-
Other-cooperative, estate or trust, institutional, etc .....	farms acres	36 (D)	-	1 (D)	2 (D)	19 (D)	9 (D)
<b>H HIRED FARM LABOR</b>							
Hired farm labor .....	farms workers	497 3,173	-	11 29	86 394	190 1,369	128 984
Workers by days worked:							
150 days or more .....	farms workers	149 1,532	-	1 (D)	19 75	59 637	42 714
Less than 150 days .....	farms workers	401 1,641	-	10 (D)	73 319	159 732	99 270
Migrant farm labor on farms with hired labor (see text) .....	farms	56	-	-	12	12	13
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	8	-	-	1	-	7
<b>F FARMS BY SIZE</b>							
1 to 9 acres .....		1,616	4	44	238	601	385
10 to 49 acres .....		453	3	22	65	170	117
50 to 69 acres .....		44	-	-	-	18	9
70 to 99 acres .....		35	-	1	-	12	10
100 to 199 acres .....		39	-	-	-	8	7
200 to 299 acres .....		14	-	1	-	7	3
300 to 399 acres .....		14	-	-	-	8	4
400 to 499 acres .....		14	-	-	-	2	2
500 to 999 acres .....		16	-	2	11	7	5
1,000 to 1,999 acres .....		14	-	-	2	4	5
2,000 acres or more .....		13	-	-	2	5	4
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>							
Oilseed and grain farming (1111) .....		11	-	-	1	5	3
Vegetable and melon farming (1112) .....		136	2	8	26	44	24
Fruit and tree nut farming (1113) .....		1,090	1	27	146	413	306
Greenhouse, nursery, and floriculture production (1114) .....		542	1	9	87	191	116
Other crop farming (1119) .....		89	-	6	15	47	8
Tobacco farming (11192) .....		-	-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....		89	-	6	15	47	8
Beef cattle ranching and farming (112111) .....		223	-	9	38	81	50
Cattle feedlots (112112) .....		11	-	1	2	2	3
Dairy cattle and milk production (11212) .....		55	-	3	10	16	11
Hog and pig farming (1122) .....		55	-	3	10	16	8
Poultry and egg production (1123) .....		26	-	2	2	7	10
Sheep and goat farming (1124) .....		26	-	2	2	11	8
Animal aquaculture and other animal production (1125, 1129) .....		65	-	3	9	24	19
<b>L LIVESTOCK</b>							
Cattle and calves inventory .....	farms number	321 21,826	3 167	13 357	53 5,130	116 6,414	78 6,983
Farms with-							
1 to 9 .....		130	1	5	18	53	31
10 to 49 .....		113	-	4	15	38	31
50 to 99 .....		36	2	4	10	11	6
100 to 199 .....		22	-	-	6	7	4
200 to 499 .....		12	-	-	3	4	3
500 or more .....		8	-	-	1	3	4
Cows and heifers that had calved .....	farms number	250 (D)	3 (D)	9 (D)	42 3,051	94 4,037	60 4,320
Beef cows .....	farms number	243 (D)	3 (D)	9 (D)	41 (D)	89 (D)	59 (D)
Farms with-							
1 to 9 .....		103	1	5	13	45	23
10 to 49 .....		86	-	2	13	29	26
50 to 99 .....		28	2	2	7	7	4
100 to 199 .....		12	-	-	5	5	3
200 to 499 .....		8	-	-	2	2	2
500 or more .....		6	-	-	1	1	4

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK - Con.</b>								
Cattle and calves inventory - Con. Cows and heifers that had calved - Con.								
Milk cows . . . . .	farms number	27 6,465	18 (D)	-	-	(D) 3	(D) 6	(D) 4
Farms with- 1 to 4 . . . . .		16 2	9 1	-	-	1 -	4 -	2 -
5 to 9 . . . . .		-	-	-	-	-	-	3 1
10 to 49 . . . . .		1 1	1 1	-	-	-	1 -	-
50 to 99 . . . . .		-	-	-	-	-	-	-
100 to 199 . . . . .		-	-	-	-	-	-	-
200 to 499 . . . . .		-	-	-	-	-	-	-
500 or more . . . . .		7 6	-	-	-	2 1	-	1 1
Other cattle (see text) . . . . .	farms number	609 64,566	365 (D)	(D) 1	1,281 5,653	36 22,951	84 12,854	80 (D)
Cattle and calves sold . . . . .	farms number	550 60,739	323 53,214	1 (D)	14 1,415	28 (D) 28	69 24,972	74 9,211
Calves weighing less than 500 pounds . . . . .	farms number	\$1,000 30,719	303 28,168	-	12 (D)	(D) 17	15,371 41	14,212 3,883
Cattle, including calves weighing 500 pounds or more . . . . .	farms number	385 40,397	237 38,191	1 (D)	10 (D) 28	21 (D) 2	47 23,446	63 6,367
Cattle on feed (see text) . . . . .	farms number	41 8,006	28 7,888	-	(D) 2	(D) 6	(D) 6	5,865 12 (D)
Hogs and pigs inventory . . . . .	farms number	204 23,364	110 18,856	-	87 -	948 5,760	27 3,962	26 8,099
Farms with- 1 to 24 . . . . .		113 19	50 11	-	1 2	6 4	15 3	9 3
25 to 49 . . . . .		22 -	9 -	-	-	-	-	3 -
50 to 99 . . . . .		-	-	-	-	-	-	-
100 to 199 . . . . .		17 19	12 16	-	-	1 2	3 2	3 4
200 to 499 . . . . .		-	-	-	-	-	-	6 5
500 or more . . . . .		14 -	12 -	-	-	3 4	2 6	6 6
Used or to be used for breeding . . . . .	farms number	160 5,843	86 4,882	-	(D) 3	8 (D)	20 1,899	22 910
Other hogs and pigs . . . . .	farms number	180 17,521	97 13,974	-	(D) 2	(D) 12	22 3,861	24 3,052
Hogs and pigs sold . . . . .	farms number	158 33,231	87 27,362	-	(D) 4	(D) 10	21 7,930	21 4,646
	\$1,000	4,612	3,939	-	(D) 2	(D) 10	21 1,204	31 604
Sheep and lambs of all ages inventory (see text) . . . . .	farms number	103 19,909	66 (D)	-	(D) 1	15 (D)	16 1,435	14 (D)
Ewes 1 year old or older . . . . .	farms number	91 6,800	59 (D)	-	(D) 1	11 (D)	13 728	14 (D)
Sheep and lambs sold . . . . .	farms number	34 4,639	19 (D)	-	-	6 124	4 (D)	5 9
Horses and ponies inventory . . . . .	farms number	493 4,582	262 2,675	-	8 96	34 234	72 963	70 737
Horses and ponies sold . . . . .	farms number	19 237	48 174	-	3 17	11 28	13 57	10 39
Goats, All inventory . . . . .	farms number	189 5,364	96 3,883	-	4 157	10 588	30 1,316	33 569
Goats sold . . . . .	farms number	86 4,237	46 3,450	-	2 (D) 2	4 (D)	7 2,685	8 569
<b>POULTRY</b>								
Layers 20 weeks old and older inventory . . . . .	farms number	125 537,882	63 (D)	-	(D) 1	13 (D)	14 621	17 (D)
Farms with- 1 to 399 . . . . .		115 -	55 -	-	-	12 -	14 -	16 13
400 to 3,199 . . . . .		-	-	-	-	-	-	-
3,200 to 9,999 . . . . .		3 -	2 -	-	-	-	-	2 -
10,000 to 19,999 . . . . .		1 -	1 -	-	-	-	-	1 -
20,000 to 49,999 . . . . .		3 -	3 -	-	1 -	1 -	-	1 -
50,000 to 99,999 . . . . .		1 -	1 -	-	-	-	-	-
100,000 or more . . . . .		1 -	1 -	-	-	-	-	1 -
Pullets for laying flock replacement inventory . . . . .	farms number	26 67,925	17 (D)	-	-	3 (D)	3 38	7 (D)
Layers and pullets sold (see text) . . . . .	farms number	25 458,280	18 (D)	-	(D) 1	4 (D)	3 (D)	3 (D)
Broilers and other meat-type chickens sold . . . . .	farms number	17 881,112	10 (D)	-	-	(D) 1	(D) 1	4 (D)
Farms with- 1 to 1,999 . . . . .		13 -	7 -	-	-	1 -	1 -	3 2
2,000 to 59,999 . . . . .		-	-	-	-	-	-	-
60,000 to 99,999 . . . . .		1 -	1 -	-	-	-	-	1 -
100,000 or more . . . . .		3 -	2 -	-	-	-	-	2 -
Turkeys inventory . . . . .	farms number	7 75	3 35	-	-	-	3 35	-

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>LIVESTOCK - Con.</b>							
Cattle and calves inventory - Con. Cows and heifers that had calved - Con.							
Milk cows .....	farms number	9 (D)	-	-	1 (D)	7 (D)	1 (D)
Farms with-							
1 to 4 .....		7	-	-	1	5	1
5 to 9 .....		1	-	-	-	-	-
10 to 49 .....		-	-	-	-	-	-
50 to 99 .....		-	-	-	-	-	-
100 to 199 .....		-	-	-	-	-	-
200 to 499 .....		-	-	-	-	-	-
500 or more .....		1	-	-	-	1	-
Other cattle (see text) .....	farms number	244 (D)	2 (D)	11 (D)	41 2,079	84 2,377	60 2,663
Cattle and calves sold .....	farms number	227 7,525	2 (D)	9 (D)	39 1,319	78 2,067	53 2,618
Calves weighing less than 500 pounds .....	farms number	\$1,000 2,551	-	-	455 727	727 832	46 1,320
Cattle, including calves weighing 500 pounds or more .....	farms number	120 2,206	-	7 (D)	23 418	43 578	23 37
Cattle on feed (see text) .....	farms number	118 13	-	1 (D)	2 (D)	2 (D)	4 (D)
Hogs and pigs inventory .....	farms number	94 4,508	570 (D)	7 (D)	18 1,032	33 734	20 (D)
Farms with-							
1 to 24 .....		63	-	5	13	21	14
25 to 49 .....		88	-	-	-	7	10
50 to 99 .....		13	2	-	1	3	5
100 to 199 .....		56	-	1	2	2	2
200 to 499 .....		22	1	-	2	-	-
500 or more .....		2	-	1	-	-	1
Used or to be used for breeding .....	farms number	74 961	1 (D)	6 (D)	16 336	24 226	16 (D)
Other hogs and pigs .....	farms number	83 3,547	3 (D)	7 (D)	15 696	28 508	18 332
Hogs and pigs sold .....	farms number	71 \$1,000	3 63	6 115	15 2,412	22 802	16 302
Sheep and lambs of all ages inventory (see text) .....	farms number	37 (D)	-	-	8 (D)	16 (D)	10 (D)
Ewes 1 year old or older .....	farms number	32 (D)	-	-	7 (D)	15 (D)	8 (D)
Sheep and lambs sold .....	farms number	15 (D)	-	-	1 (D)	8 (D)	5 (D)
Horses and ponies inventory .....	farms number	231 1,907	3 6	7 18	30 133	103 679	56 647
Horses and ponies sold .....	farms number	31 63	-	1 (D)	5 88	14 40	32 424
Goats, All inventory .....	farms number	91 1,481	-	2 (D)	15 282	10 752	6 169
Goats sold .....	farms number	40 787	-	2 (D)	4 148	17 412	9 169
<b>POULTRY</b>							
Layers 2 weeks old and older inventory .....	farms number	62 (D)	-	2 (D)	18 331	22 (D)	11 207
Farms with-							
1 to 399 .....		60	-	2	18	20	11
400 to 3,199 .....		-	-	-	-	-	9
3,200 to 9,999 .....		1	-	-	-	1	-
10,000 to 19,999 .....		-	-	-	-	-	-
20,000 to 49,999 .....		-	-	-	-	-	-
50,000 to 99,999 .....		1	-	-	-	1	-
100,000 or more .....		-	-	-	-	-	-
Pullets for laying flock replacement inventory .....	farms number	9 (D)	-	1 (D)	1 (D)	2 (D)	4 64
Layers and pullets sold (see text) .....	farms number	7 (D)	-	1 (D)	1 (D)	5 (D)	-
Broilers and other meat-type chickens sold .....	farms number	7 (D)	-	-	3 150	2 (D)	1 (D)
Farms with-							
1 to 1,999 .....		6	-	-	3	2	1
2,000 to 59,999 .....		-	-	-	-	-	-
60,000 to 99,999 .....		1	-	-	-	-	1
100,000 or more .....		-	-	-	-	-	-
Turkeys inventory .....	farms number	4 40	-	-	-	3 (D)	1 (D)

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>Poultry - Con.</b>								
Turkeys sold .....	farms number	1 (D)	-	-	-	-	-	-
<b>CROPS HARVESTED</b>								
Corn for grain .....	farms acres bushels	12 4,383 203,391	9 (D) (D)	-	-	2 (D)	2,395 153,250	5 (D) (D)
Irrigated .....	farms acres	12 4,383	9 (D)	-	-	(D)	2,395	(D)
Farms by acres harvested:								
1 to 24 acres .....		2	-	-	-	-	-	-
25 to 99 acres .....		2	2	-	-	2	-	-
100 to 249 acres .....		2	2	-	-	-	1	-
250 to 499 acres .....		3	3	-	-	-	2	1
500 acres or more .....		3	2	-	-	-	2	1
Corn for silage or greenchop .....	farms acres tons	2 (D) (D)	2 (D) (D)	-	(D)	1 (D)	-	-
Irrigated .....	farms acres	2 (D)	2 (D)	-	(D)	1 (D)	-	-
Farms by acres harvested:								
1 to 24 acres .....		-	-	-	-	-	-	-
25 to 99 acres .....		-	-	-	-	-	-	-
100 to 249 acres .....		1	1	-	1	-	-	-
250 to 499 acres .....		1	1	-	1	-	-	-
500 acres or more .....		-	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	1 (D) (D)	1 (D)	-	-	-	1 (D)	-
Irrigated .....	farms acres	(D)	(D)	-	-	-	(D)	-
Farms by acres harvested:								
1 to 24 acres .....		1	1	-	-	-	1	-
25 to 99 acres .....		-	-	-	-	-	-	-
100 to 249 acres .....		-	-	-	-	-	-	-
250 to 499 acres .....		-	-	-	-	-	-	-
500 acres or more .....		-	-	-	-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	5 4 2,021	(D)	-	(D)	1 (D)	1 (D)
Irrigated .....	farms acres	1 (D)	-	-	-	-	-	-
Farms by acres harvested:								
0.1 to 4.9 acres .....		11	5	1	-	1	1	1
5.0 to 24.9 acres .....		-	-	-	-	-	-	-
25.0 to 99.9 acres .....		-	-	-	-	-	-	-
100.0 to 249.9 acres .....		-	-	-	-	-	-	-
250.0 acres or more .....		-	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	59 294 16,357	32 246 13,218	-	(D)	7 38 2,669	9 (D) (D)	6 (D)
Irrigated .....	farms acres	16 (D)	16 (D)	10 159	-	(D)	(D)	(D)
Sugarcane for sugar .....	farms acres tons	2 (D) (D)	2 (D)	-	-	-	-	-
Irrigated .....	farms acres	2 (D)	2 (D)	-	-	-	(D)	-
Pineapples harvested .....	farms acres tons	34 10,211 314,626	24 (D) (D)	-	-	2 (D)	8 (D)	4 (D)
Irrigated .....	farms acres	12 (D)	7 (D)	-	(D)	1 (D)	2 (D)	3 (D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms tons, dry acres	14 1,112 2,261	11 973 2,156	-	(D)	1 (D)	4 (D)	2 (D)
Irrigated .....	farms acres	7 (D)	6 (D)	-	(D)	-	(D)	(D)
Farms by acres harvested:								
1 to 24 acres .....		5	4	-	-	-	2	-
25 to 99 acres .....		5	3	-	1	-	1	1
100 to 249 acres .....		3	3	-	1	-	1	-
250 to 499 acres .....		1	1	-	-	-	-	1
500 acres or more .....		-	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	2 (D) (D)	1 (D)	-	(D)	-	-	-
Irrigated .....	farms acres	2 (D)	(D)	-	(D)	-	-	-
Other tame hay .....	farms acres tons, dry	7 (D) (D)	5 (D) (D)	-	-	1 (D)	2 (D)	1 (D)
Irrigated .....	farms acres	2 (D)	(D)	-	-	-	(D)	(D)

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>POLYTRY - Con.</b>							
Turkeys sold .....	farms number	(D) <sup>1</sup>	-	-	-	(D) <sup>1</sup>	-
<b>CROPS HARVESTED</b>							
Corn for grain .....	farms acres bushels farms acres	(D) <sup>3</sup>	-	-	-	(D) <sup>1</sup>	(D) <sup>2</sup>
Irrigated .....	farms acres bushels farms acres	(D) <sup>3</sup>	-	-	-	(D) <sup>1</sup>	(D) <sup>2</sup>
Farms by acres harvested:							
1 to 24 acres .....	-	2	-	-	-	1	1
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	1	-	-	-	-	1
Corn for silage or greenchop .....	farms acres tons farms acres	-	-	-	-	-	-
Irrigated .....	farms acres tons farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels farms acres	-	-	-	-	-	-
Irrigated .....	farms acres bushels farms acres	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres .....	-	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Potatoes .....	farms acres cwt	6 2,521 (D) <sup>1</sup>	-	-	(D) <sup>1</sup>	(D) <sup>2</sup>	(D) <sup>2</sup>
Irrigated .....	farms acres	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>	(D) <sup>2</sup>	(D) <sup>1</sup>
Farms by acres harvested:							
0.1 to 4.9 acres .....	-	6	-	-	1	2	2
5.0 to 24.9 acres .....	-	-	-	-	-	-	-
25.0 to 99.9 acres .....	-	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	27 48 3,139 (D) <sup>6</sup>	-	4 11 1,133	5 6 732 (D) <sup>1</sup>	10 24 1,122 (D) <sup>2</sup>	5 5 (D) <sup>1</sup>
Irrigated .....	farms acres	(D) <sup>6</sup>	-	-	(D) <sup>1</sup>	(D) <sup>2</sup>	(D) <sup>1</sup>
Sugarcane for sugar .....	farms acres tons	-	-	-	-	-	-
Irrigated .....	farms acres tons	-	-	-	-	-	-
Pineapples harvested .....	farms acres tons	10 (D) <sup>5</sup>	-	(D) <sup>1</sup>	(D) <sup>1</sup>	(D) <sup>4</sup>	(D) <sup>2</sup>
Irrigated .....	farms acres	(D) <sup>5</sup>	-	(D) <sup>1</sup>	(D) <sup>1</sup>	(D) <sup>2</sup>	(D) <sup>1</sup>
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	3 139 105 (D) <sup>1</sup>	-	(D) <sup>1</sup>	(D) <sup>1</sup>	-	(D) <sup>1</sup>
Irrigated .....	farms acres	(D) <sup>1</sup>	-	(D) <sup>1</sup>	(D) <sup>1</sup>	-	(D) <sup>1</sup>
Farms by acres harvested:							
1 to 24 acres .....	-	1	-	1	-	-	-
25 to 99 acres .....	-	2	-	-	1	-	1
100 to 249 acres .....	-	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	(D) <sup>1</sup>	-	(D) <sup>1</sup>	-	-	-
Irrigated .....	farms acres tons, dry	(D) <sup>1</sup>	-	(D) <sup>1</sup>	-	-	-
Other tame hay .....	farms acres tons, dry	(D) <sup>2</sup>	-	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>
Irrigated .....	farms acres tons, dry	(D) <sup>2</sup>	-	(D) <sup>1</sup>	-	-	(D) <sup>1</sup>

See footnote(s) at end of table.

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**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED - Con.</b>								
Land used for vegetables (see text) . . . . .	farms acres	633 5,824	475 5,549	2 (D)	13 (D)	99 557	159 1,377	111 1,859
Irrigated . . . . .	farms acres	417 5,038	327 4,855	1 (D)	4 (D)	73 466	110 1,077	71 1,750
Farms by acres harvested:								
0.1 to 4.9 acres . . . . .	farms acres	473	325	1	5	67	100	73
5.0 to 24.9 acres . . . . .	farms acres	125	117	-	4	27	44	31
25.0 to 99.9 acres . . . . .	farms acres	30	28	-	3	5	13	5
100.0 to 249.9 acres . . . . .	farms acres	3	3	-	-	-	2	2
250.0 acres or more . . . . .	farms acres	2	2	-	1	-	-	-
Snap beans harvested for sale . . . . .	farms acres	129 208	84 186	-	4	22	18	16
Harvested for processing . . . . .	farms acres	-	-	-	110	30	17	8
Sweet corn harvested for sale . . . . .	farms acres	80 503	56 491	-	(D)	11 92	19 200	12 32
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-	-
Tomatoes harvested for sale . . . . .	farms acres	72 664	55 658	1 (D)	3 (D)	10 20	19 43	12 (D)
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-	-
All land in orchards . . . . .	farms acres	2,833 34,908	1,548 24,021	2 (D)	33 (D)	158 4,719	454 12,387	367 3,857
Irrigated . . . . .	farms acres	810 12,090	477 10,077	-	5 92	57 (D)	158 5,304	120 700
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres . . . . .	farms Bearing and nonbearing acres	1,944 (D)	948 (D)	1	14	79	259	227
5.0 to 24.9 acres . . . . .	farms Bearing and nonbearing acres	760 (D)	496 (D)	-	15	63	155	111
25.0 to 99.9 acres . . . . .	farms Bearing and nonbearing acres	99 (D)	79 (D)	1	4	14	27	21
100.0 to 249.9 acres . . . . .	farms Bearing and nonbearing acres	20 (D)	18 (D)	-	-	1	8	7
250.0 acres or more . . . . .	farms Bearing and nonbearing acres	10 (D)	7 (D)	-	-	1	5	1
Apples . . . . .	farms Bearing and nonbearing acres	2 (D)	1 (D)	-	-	-	1 (D)	-
Grapes . . . . .	farms Bearing and nonbearing acres	6 (D)	3 (D)	-	-	-	-	2 (D)
Citrus fruit, All . . . . .	farms Bearing and nonbearing acres	474 641	227 (D)	1 (D)	7 (D)	19 12	89 293	47 (D)
Land in berries harvested for sale (see text) . . . . .	farms acres	3 11	2 (D)	-	(D)	-	1 (D)	-
Irrigated . . . . .	farms acres	1 (D)	1 (D)	-	(D)	-	-	-

See footnote(s) at end of table.

--continued

**Table 60. Summary by Age and Primary Occupation of Principal Operator: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Other occupations					
		Age of operator (years)					
		Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
<b>CROPS HARVESTED - Con.</b>							
Land used for vegetables (see text) . . . . .	farms acres	158 275	2 (D)	7 (D) 4	25 94 12	58 56 33	26 27 13
Irrigated . . . . .	farms acres	90 182	(D)	(D)	72	28	27 22 58
Farms by acres harvested:							
0.1 to 4.9 acres . . . . .	farms acres	148	2	5	21	57	25 38
5.0 to 24.9 acres . . . . .	farms acres	8	-	2	3	1	1
25.0 to 99.9 acres . . . . .	farms acres	2	-	-	1	-	-
100.0 to 249.9 acres . . . . .	farms acres	-	-	-	-	-	-
250.0 acres or more . . . . .	farms acres	-	-	-	-	-	-
Snap beans harvested for sale . . . . .	farms acres	45 22	1 (D)	4 (D)	7 4	14 6	4 2
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-
Sweet corn harvested for sale . . . . .	farms acres	24 12	1 (D)	3 (D)	3 2	9 4	5 2
Harvested for processing . . . . .	farms acres	-	-	-	-	-	(D)
Tomatoes harvested for sale . . . . .	farms acres	17 6	-	1 (D)	2 (D)	5 (D)	4 2
Harvested for processing . . . . .	farms acres	-	-	-	-	-	-
All land in orchards . . . . .	farms acres	1,285 10,887	1 (D)	29 (D) 6	173 810 41	498 3,598 140	347 5,531 85
Irrigated . . . . .	farms acres	333 2,013	-	27	94	1,289	61 485 118
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres . . . . .	farms acres	996	1	22	126	402	256 189
5.0 to 24.9 acres . . . . .	farms acres	284	-	7	42	89	81 45
25.0 to 99.9 acres . . . . .	farms acres	20	-	-	5	4	8 3
100.0 to 249.9 acres . . . . .	farms acres	-	-	-	-	1	-
250.0 acres or more . . . . .	farms acres	3	-	-	-	2	1
Apples . . . . .	farms Bearing and nonbearing acres	1 (D)	-	-	1 (D)	-	-
Grapes . . . . .	farms Bearing and nonbearing acres	3 (D)	-	1 (D)	-	2 (D)	-
Citrus fruit, All . . . . .	farms Bearing and nonbearing acres	247 (D)	-	7 10	28 17	101 75	67 57
Land in berries harvested for sale (see text) . . . . .	farms acres	1 (D)	-	-	-	1 (D)	-
Irrigated . . . . .	farms acres	-	-	-	-	-	-

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>F FARMS AND LAND IN FARMS</b>						
Farms .....	number percent acres	5,398 100.0 241	3,202 59.3 77	589 10.9 (D) (D)	1,607 29.8 (D) (D)	3,306 61.2 748,220 226
Land in farms .....	average size of farm	1,300,499 acres	246,865 77			
<b>M MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS</b>						
Total (see text) .....	farms \$1,000	5,398 534,309 98,983	3,202 105,896 33,072	589 186,673 316,933	1,607 241,739 150,429	3,306 189,150 57,214
Average per farm .....	dollars					
Farms by economic class:						
Less than \$1,000 (see text) .....		658	484	45	129	400
\$1,000 to \$2,499 .....		744	540	47	157	469
\$2,500 to \$4,999 .....		715	505	40	170	436
\$5,000 to \$9,999 .....		914	586	71	257	574
\$10,000 to \$24,999 .....		1,060	565	114	381	689
\$25,000 to \$49,999 .....		506	229	88	189	309
\$50,000 to \$99,999 .....		313	132	58	123	195
\$100,000 to \$249,999 .....		250	96	58	96	139
\$250,000 to \$499,999 .....		105	35	28	42	46
\$500,000 to \$999,999 .....		62	17	20	25	25
\$1,000,000 or more .....		71	13	20	38	47
\$1,000,000 to \$2,499,999 .....		43	8	10	25	15
\$2,500,000 to \$4,999,999 .....		15	4	4	7	5
\$5,000,000 or more .....		13	1	6	6	4
Total sales (see text) .....	farms \$1,000	5,398 533,423	3,202 105,775	589 186,213	1,607 241,434	3,306 188,837
Grains, oilseeds, dry beans, and dry peas .....	farms \$1,000	13 14,647	- -	4 (D) 3 (D)	9 (D) 6 (D)	7 (D) 4 (D)
Sales of \$50,000 or more .....	farms \$1,000	9 14,605	- -	3 (D)	6 (D)	-
Tobacco .....	farms \$1,000	- -	- -	- -	- -	-
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	-
Cotton and cottonseed .....	farms \$1,000	- -	- -	- -	- -	-
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	-
Vegetables, melons, potatoes, and sweet potatoes .....	farms \$1,000	666 54,554	300 6,558 27	86 12,487 41	280 35,499 55	399 16,325 75
Sales of \$50,000 or more .....	farms \$1,000	123 48,003	3,721	11,726	32,556	12,680
Fruits, tree nuts, and berries .....	farms \$1,000	2,582 179,475	1,665 29,476	221 40,590	696 109,409	1,534 72,878
Sales of \$50,000 or more .....	farms \$1,000	162 160,178	51 19,502	38,377	102,300	1,048 106,596 61 98,826
Nursery, greenhouse, floriculture, and sod (see text) .....	farms \$1,000	1,386 110,282	956 43,625	124 (D) 56 (D)	306 (D) 118 (D)	836 43,772 165 35,389
Sales of \$50,000 or more .....	farms \$1,000	339 97,591	165 34,401			550 66,511 174 62,201
Cut Christmas trees and short-rotation woody crops .....	farms \$1,000	19 336	14 14	3 (D)	2 (D)	7 6
Sales of \$50,000 or more .....	farms \$1,000	1 271	- 75	- 43	- 153	- 183
Other crops and hay (see text) .....	farms \$1,000	86,061 83,840	1,558 1,093	(D) 8 (D)	(D) 21 (D)	(D) 183 19
Sales of \$50,000 or more .....	farms \$1,000	33 1,093	4 1,093	- (D)	- (D)	- (D)
Cattle and calves .....	farms \$1,000	550 30,719	202 1,983	163 23,831	185 4,895	342 17,985
Sales of \$50,000 or more .....	farms \$1,000	69 9	9 37	23 37	23 23	208 12,739 34
Milk and other dairy products from cows .....	farms \$1,000	10 21,745	5 (D)	1 (D)	4 7,146	4 3,875
Sales of \$50,000 or more .....	farms \$1,000	9 (D)	4 (D)	1 (D)	4 7,146	5 3,875
Hogs and pigs .....	farms \$1,000	158 4,612	81 3,054	19 456	58 1,103	78 1,021
Sales of \$50,000 or more .....	farms \$1,000	22 (D)	12 (D)	3 402	7 (D)	5 (D)
Sheep, goats, and their products .....	farms \$1,000	145 1,081	76 434	38 159	31 488	75 224
Sales of \$50,000 or more .....	farms \$1,000	3 780	1 (D)	1 (D)	1 (D)	2 (D)
Horses, ponies, mules, burros, and donkeys .....	farms \$1,000	82 418	31 135	24 121	27 162	42 264
Sales of \$50,000 or more .....	farms \$1,000	- -	- -	- -	- -	- -
Poultry and eggs .....	farms \$1,000	110 12,545	85 11 (D)	10 (D)	15 (D)	50 (D)
Sales of \$50,000 or more .....	farms \$1,000	15 (D)	11 (D)	2 (D)	2 (D)	60 9 (D)

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD AND GOVERNMENT PAYMENTS - Con.</b>						
Total (see text) - Con.						
Total sales (see text) - Con.						
Aquaculture (see text) .... farms \$1,000	14,005	67	33	3	13,753	42
Sales of \$50,000 or more .... farms \$1,000	13,693	21	(D)	-	20	3,815
Other animals and other animal products (see text) .... farms \$1,000	2,940	65	1,386	9	(D)	3,678
Sales of \$50,000 or more .... farms \$1,000	2,707	8	5	1	(D)	10,015
Government payments .... farms \$1,000	113	28	121	41	305	50
	886			460		313
Value of - Certified organically produced commodities (see text) .... farms \$1,000	140	94	1,709	15	2,798	75
Landlord's share of total sales (see text) .... farms \$1,000	157	1	(D)	46	110	557
Agricultural products sold directly to individuals for human consumption (see text) .... farms \$1,000	796	502	2,677	94	200	419
	7,089			1,048	3,364	3,740
<b>FARM PRODUCTION EXPENSES<sup>2</sup></b>						
Total farm production expenses .... farms \$1,000	5,438	3,159	699	1,580	3,237	2,201
Average per farm .... dollars	450,946	88,084	170,643	192,220	158,403	295,544
	82,925	27,884	244,124		121,658	132,914
Fertilizer, lime, and soil conditioners purchased .... farms \$1,000	4,326	2,585	501	1,240	2,609	1,717
Farms with expenses of- \$1 to \$4,999	4,015	2,512	405	1,098	2,457	1,558
\$5,000 to \$24,999	245	62	75	108	127	118
\$25,000 to \$49,999	25	6	8	11	8	17
\$50,000 or more	41	5	13	23	17	24
Chemicals purchased .... farms \$1,000	3,627	2,085	477	1,065	2,179	1,448
Farms with expenses of- \$1 to \$4,999	3,309	1,987	403	919	2,037	1,272
\$5,000 to \$24,999	266	89	56	121	121	145
\$25,000 to \$49,999	22	5	8	9	7	15
\$50,000 or more	30	4	10	16	14	16
Seeds, plants, vines, and trees .... farms \$1,000	1,887	1,170	207	510	1,074	813
Farms with expenses of- \$1 to \$999	1,318	873	380	3,723	3,526	7,662
\$1,000 to \$4,999	344	210	36			
\$5,000 to \$24,999	163	67	37	59	88	75
\$25,000 to \$49,999	15	6	2	7	8	7
\$50,000 or more	47	14	14	19	16	31
Livestock and poultry purchased .... farms \$1,000	329	129	99	101	156	173
Farms with expenses of- \$1 to \$4,999	244	111	62	(D)	2,858	3,168
\$5,000 to \$24,999	39	8	19			
\$25,000 to \$49,999	34	6	15	12	112	132
\$100,000 to \$249,999	6	3	2	13	15	24
\$250,000 or more	6	1	1	2	4	2
Breeding livestock purchased (see text) .... farms \$1,000	179	68	63	48	83	96
Other livestock and poultry purchased .... farms \$1,000	873	250	(D)	(D)	306	568
Feed purchased .... farms \$1,000	1,267	603	292	372	680	587
Farms with expenses of- \$1 to \$4,999	955	512	216	227	480	475
\$5,000 to \$24,999	220	56	54	110	157	63
\$25,000 to \$99,999	58	20	14	24	35	23
\$100,000 to \$249,999	9	6	1	2	1	8
\$250,000 or more	25	9	7	9	7	18
Gasoline, fuels, and oils .... farms \$1,000	4,721	2,606	653	1,462	2,828	1,893
Farms with expenses of- \$1 to \$4,999	14,458	3,259	4,790	6,409	5,938	8,521
\$5,000 to \$24,999	4,387	2,496	559	1,332	2,656	1,731
\$25,000 to \$49,999	282	100	76	106	153	129
\$50,000 or more	24	6	10	8	8	16
	28	4	8	16	11	17

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
Utilities (see text) .... farms \$1,000	2,912 19,474	1,622 3,703	457 9,249	833 6,522	1,546 5,751	1,366 13,723
Farms with expenses of- \$1 to \$999 ..... 1,667 \$1,000 to \$4,999 ..... 919 \$5,000 to \$24,999 ..... 250 \$25,000 to \$49,999 ..... 37 \$50,000 or more ..... 39		1,056 473 62 6 6	238 124 64 22 9	373 324 104 10 24	955 415 146 126 14	712 500 104 25 25
Supplies, repairs, and maintenance .... farms \$1,000	4,626 50,411	2,583 10,320	626 20,283	1,417 19,808	2,738 20,828	1,888 29,583
Farms with expenses of- \$1 to \$4,999 ..... 3,835 \$5,000 to \$24,999 ..... 588 \$25,000 to \$49,999 ..... 90 \$50,000 or more ..... 113		2,265 256 40 22	436 135 16 39	1,134 197 34 52	2,309 346 38 45	1,526 242 52 68
Hired farm labor .... farms \$1,000	1,527 177,692	698 24,280	263 70,706	566 82,706	920 53,928	607 123,765
Farms with expenses of- \$1 to \$4,999 ..... 695 \$5,000 to \$24,999 ..... 387 \$25,000 to \$99,999 ..... 229 \$100,000 to \$249,999 ..... 120 \$250,000 or more ..... 96		366 197 82 35 18	86 51 60 33 33	243 139 87 52 45	476 231 124 59 30	219 156 105 61 66
Contract labor .... farms \$1,000	824 7,159	527 2,631	89 1,685	208 2,844	428 2,515	396 4,644
Farms with expenses of- \$1 to \$999 ..... 209 \$1,000 to \$4,999 ..... 320 \$5,000 to \$24,999 ..... 235 \$25,000 to \$49,999 ..... 36 \$50,000 or more ..... 24		144 231 139 5 8	24 14 32 14 5	41 75 64 17 11	127 181 95 19 6	82 139 140 17 18
Customwork and custom hauling .... farms \$1,000	282 9,232	131 (D)	68 5,733	83 (D)	109 6,882	173 2,350
Farms with expenses of- \$1 to \$999 ..... 130 \$1,000 to \$4,999 ..... 94 \$5,000 to \$24,999 ..... 34 \$25,000 to \$49,999 ..... 6 \$50,000 or more ..... 18		70 52 4 2 3	21 30 7 10	39 12 23 4 5	52 26 23 1 7	78 68 11 5 11
Cash rent for land, buildings, and grazing fees .... farms \$1,000	1,655 19,723	98 122	382 6,325	1,175 13,276	1,071 8,947	584 10,776
Farms with expenses of- \$1 to \$4,999 ..... 1,249 \$5,000 to \$9,999 ..... 156 \$10,000 to \$24,999 ..... 149 \$25,000 or more ..... 101		95 2 1 -	284 31 38 29	870 123 110 72	853 99 74 45	396 57 75 56
Rent and lease expenses for machinery, equipment, and farm share of vehicles .... farms \$1,000	343 3,066	127 (D)	77 (D)	139 (D)	162 951	181 2,115
Farms with expenses of- \$1 to \$999 ..... 113 \$1,000 to \$4,999 ..... 135 \$5,000 to \$24,999 ..... 74 \$25,000 to \$49,999 ..... 11 \$50,000 or more ..... 10		33 63 25 5 1	21 28 20 3 5	59 44 29 3 4	60 78 18 3 3	53 57 56 8 7
Interest expense .... farms \$1,000	955 8,833	575 5,412	174 1,586	206 1,635	472 3,681	483 4,952
Farms with expenses of- \$1 to \$4,999 ..... 540 \$5,000 to \$24,999 ..... 369 \$25,000 to \$99,999 ..... 36 \$100,000 or more ..... 10		264 290 17 4	128 32 10 4	148 47 9 2	286 171 13 2	254 198 23 8
Secured by real estate .... farms \$1,000	611 6,114	489 4,905	122 1,209	-	277 (D)	334 (D)
Farms with expenses of- \$1 to \$999 ..... 96 \$1,000 to \$4,999 ..... 180 \$5,000 to \$24,999 ..... 311 \$25,000 to \$49,999 ..... 10 \$50,000 or more ..... 14		47 144 283 6 9	49 36 28 4 5	-	29 106 136 3 3	67 74 175 7 11
Not secured by real estate .... farms \$1,000	430 2,519	162 507	62 377	206 1,635	222 (D)	208 (D)
Farms with expenses of- \$1 to \$999 ..... 173 \$1,000 to \$4,999 ..... 168 \$5,000 to \$24,999 ..... 68 \$25,000 to \$49,999 ..... 13 \$50,000 or more ..... 8		72 71 14 3 2	21 29 7 4 1	80 68 47 6 5	104 72 37 6 3	69 96 31 7 5
Property taxes paid .... farms \$1,000	4,195 6,463	2,986 3,543	687 2,153	522 767	2,373 3,124	1,822 3,340
Farms with expenses of- \$1 to \$4,999 ..... 4,009 \$5,000 to \$9,999 ..... 106 \$10,000 to \$24,999 ..... 53 \$25,000 or more ..... 27		2,902 38 32 14	617 47 12 11	490 21 9 2	2,302 42 20 9	1,707 64 33 18

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>FARM PRODUCTION EXPENSES<sup>2</sup> - Con.</b>						
Total farm production expenses - Con.						
All other production expenses (see text) farms \$1,000	2,389 55,499	1,233 10,579	463 20,752	693 24,168	1,292 17,539	1,097 37,960
Farms with expenses of-\$1 to \$4,999	1,803	1,017	320	466	1,039	764
\$5,000 to \$24,999	394	166	86	142	186	208
\$25,000 to \$49,999	56	12	17	27	29	34
\$50,000 to \$99,999	68	26	14	28	24	47
\$100,000 or more	68	12	26	30	24	44
Production expenses paid by landlords <sup>3</sup> farms \$1,000	216 1,170	137 391	42 (D)	37 (D)	125 618	91 553
Depreciation expenses claimed (see text) farms \$1,000	1,709 34,498	924 5,549	297 14,846	488 14,103	935 14,303	774 20,194
<b>NET CASH FARM INCOME (SEE TEXT)<sup>2</sup></b>						
Net cash farm income of operations (see text) farms \$1,000	5,438 98,145	3,159 16,560	699 24,339	1,580 57,246	3,237 35,859	2,201 62,287
Average per farm dollars	18,048	5,242	34,820	36,232	11,078	28,299
Farms with net gains <sup>4</sup> number	3,278	1,881	433	964	1,953	1,325
Average net gain dollars	41,991	17,540	81,158	72,108	27,802	62,905
Gain of-						
Less than \$1,000	400	302	19	79	254	146
\$1,000 to \$4,999	1,022	710	93	219	582	440
\$5,000 to \$9,999	575	319	72	184	347	228
\$10,000 to \$24,999	587	276	86	223	397	190
\$25,000 to \$49,999	311	140	74	97	155	156
\$50,000 or more	383	134	89	160	218	165
Farms with net losses number	2,160	1,278	266	616	1,284	876
Average net loss dollars	18,287	12,858	40,610	19,912	14,360	24,044
Loss of-						
Less than \$1,000	370	255	19	96	252	118
\$1,000 to \$4,999	752	436	108	208	470	282
\$5,000 to \$9,999	329	178	29	122	190	139
\$10,000 to \$24,999	404	255	54	95	223	181
\$25,000 to \$49,999	159	91	26	42	80	79
\$50,000 or more	146	63	30	53	69	77
Net cash farm income of operators (see text) farms \$1,000	5,438 98,563	3,159 16,204	699 24,381	1,580 57,978	3,237 36,899	2,201 61,665
Average per farm dollars	18,125	5,130	34,879	36,695	11,399	28,017
Operators reporting net gains <sup>4</sup> farms	3,283	1,887	433	963	1,961	1,322
Average net gain dollars	42,210	17,540	80,953	73,129	28,276	62,879
Gain of-						
Less than \$1,000	372	275	19	78	227	145
\$1,000 to \$4,999	1,046	737	82	227	615	431
\$5,000 to \$9,999	594	321	90	183	358	236
\$10,000 to \$24,999	580	282	86	212	382	198
\$25,000 to \$49,999	304	140	67	97	155	149
\$50,000 or more	387	132	89	166	224	163
Operators reporting net losses farms	2,155	1,272	266	617	1,276	879
Average net loss dollars	18,567	13,281	40,121	20,170	14,537	24,416
Loss of-						
Less than \$1,000	374	268	19	87	249	125
\$1,000 to \$4,999	739	414	108	217	464	275
\$5,000 to \$9,999	331	178	29	124	191	140
\$10,000 to \$24,999	402	255	54	93	221	181
\$25,000 to \$49,999	161	92	26	43	81	80
\$50,000 or more	148	65	30	53	70	78
<b>COMMODITY CREDIT CORPORATION LOANS (SEE TEXT)</b>						
Total farms \$1,000	1 (D)	-	-	1 (D)	1 (D)	-
<b>INCOME FROM FARM-RELATED SOURCES</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) farms \$1,000	449 19,237	222 3,856	88 6,311	139 9,070	232 6,662	217 12,575
Customwork and other agricultural services farms \$1,000	181 7,448	83 1,026	32 643	66 5,778	89 1,452	92 5,996
Gross cash rent or share payments farms \$1,000	103 3,482	54 481	22 2,591	27 410	56 1,513	47 1,969
Sales of forest products, excluding Christmas trees and maple products farms \$1,000	21 243	11 (D)	9 (D)	1 (D)	9 50	12 193
Recreational services (see text) farms \$1,000	24 1,607	10 575	6 895	6 137	8 291	6 1,316

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>INCOME FROM FARM-RELATED SOURCES - Con.</b>						
Total income from farm-related sources, gross before taxes and expenses (see text) - Con.						
Patronage dividends and refunds from cooperatives (see text) . . . . . farms \$1,000	40	23	9	8	16	24
90		79	(D)	(D)	7	83
Other farm-related income sources (see text) . . . . . farms \$1,000	134	57	32	45	71	63
6,368		(D)	(D)	(D)	3,350	3,017
<b>LAND USE</b>						
Total cropland . . . . . farms	4,755	2,924	465	1,366	2,911	1,844
acres	211,120	31,463	84,646	95,011	73,911	137,209
Harvested cropland . . . . . farms	4,522	2,814	414	1,294	2,772	1,950
acres	109,461	18,459	36,053	54,949	38,301	71,160
Farms by acres harvested:						
1 to 49 acres . . . . .	4,415	2,793	388	1,234	2,717	1,698
50 to 99 acres . . . . .	49	11	10	28	26	23
100 to 199 acres . . . . .	23	6	6	11	10	13
200 to 499 acres . . . . .	15	1	4	10	9	6
500 to 999 acres . . . . .	6	1	2	3	4	2
1,000 to 1,999 acres . . . . .	5	-	1	4	2	3
2,000 acres or more . . . . .	9	2	3	4	4	5
Cropland-						
For pasture or grazing only . . . . . farms	451	269	95	87	246	205
acres	36,540	9,104	13,417	14,019	16,781	19,759
On which all crops failed . . . . . farms	200	80	39	81	119	81
acres	1,407	205	382	820	(D)	(D)
Idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) . . . . . farms	858	446	113	299	501	357
acres	61,559	3,632	34,533	23,394	17,611	43,948
In cultivated summer fallow . . . . . farms	55	24	9	22	38	17
acres	2,153	63	261	1,829	(D)	(D)
Total woodland . . . . . farms	308	217	44	47	139	169
acres	117,685	(D)	(D)	(D)	74,250	43,435
Woodland pastured . . . . . farms	86	62	12	12	38	48
acres	41,467	(D)	(D)	(D)	26,395	15,072
Woodland not pastured . . . . . farms	248	176	35	37	112	136
acres	76,218	28,984	46,230	1,004	47,855	28,363
Pastureland and rangeland, other than cropland and woodland pastured (see text) . . . . . farms	858	411	196	251	535	323
acres	852,626	114,429	552,797	185,400	520,516	332,110
Land in house lots, ponds, roads, wasteland, etc. . . . . farms	1,973	1,174	277	522	1,096	877
acres	119,068	(D)	(D)	(D)	79,543	39,525
Irrigated land . . . . . farms	2,231	1,335	246	650	1,271	960
acres	69,194	6,556	37,429	25,209	27,491	41,703
Harvested cropland . . . . . farms	2,174	1,306	237	631	1,251	923
acres	58,691	3,349	31,588	23,754	21,937	36,754
Pastureland and other land . . . . . farms	111	52	20	39	45	66
acres	10,503	3,207	5,841	1,455	5,554	4,949
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>						
Land enrolled in Conservation Reserve or Wetlands Reserve Programs . . . . . farms	5	1	2	2	2	3
acres	243	(D)	(D)	(D)	(D)	(D)
Land used to raise certified organically produced crops (see text) . . . . . farms	126	87	8	31	67	59
acres	780	377	43	360	246	534
Land enrolled in Federal or other crop insurance programs (see text) . . . . . farms	185	68	39	78	117	68
acres	27,759	7,546	5,606	14,607	21,179	6,580
<b>VALUE OF LAND AND BUILDINGS<sup>2</sup></b>						
Estimated market value of land and buildings . . . . . farms	5,438	3,159	699	1,580	3,237	2,201
\$1,000	4,583,552	1,574,764	1,698,153	1,310,635	2,529,374	2,054,178
Average per farm	842,875	498,501	2,429,404	829,516	781,394	933,293
Average per acre	3,507	6,502	2,241	4,273	3,377	3,683
Farms by value group:						
\$1 to \$49,999 . . . . .	563	275	1	287	390	173
\$50,000 to \$99,999 . . . . .	556	333	28	195	405	151
\$100,000 to \$199,999 . . . . .	839	472	34	333	541	298
\$200,000 to \$499,999 . . . . .	1,643	1,225	144	274	782	861
\$500,000 to \$999,999 . . . . .	1,000	558	211	231	655	345
\$1,000,000 to \$1,999,999 . . . . .	442	187	147	108	248	194
\$2,000,000 to \$4,999,999 . . . . .	279	92	92	95	150	129
\$5,000,000 to \$9,999,999 . . . . .	67	10	23	34	39	28
\$10,000,000 or more . . . . .	49	7	19	23	27	22

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>VALUE OF MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Estimated market value of all machinery and equipment .....	farms \$1,000	5,234 186,163	3,034 47,485	676 65,709	1,524 72,969	3,086 97,534
Farms by value group:						
\$0 to \$4,999 .....		2,223	1,464	153	605	1,317
\$5,000 to \$9,999 .....		883	512	76	298	525
\$10,000 to \$19,999 .....		934	440	166	229	558
\$20,000 to \$49,999 .....		739	431	116	152	446
\$50,000 to \$99,999 .....		273	107	73	93	139
\$100,000 to \$199,999 .....		149	54	36	59	85
\$200,000 to \$499,999 .....		89	22	36	31	64
\$500,000 or more .....		45	4	24	17	24
<b>SELECTED MACHINERY AND EQUIPMENT<sup>2</sup></b>						
Tractors .....	farms number	2,896 5,220	1,496 2,314	549 1,115	851 1,791	1,654 2,871
Less than 40 horsepower (PTO) .....	farms number	2,149 3,111	1,102 1,574	424 612	623 925	1,147 1,631
40 to 99 horsepower (PTO) .....	farms number	962 1,715	464 665	185 387	313 663	1,480 1,035
100 horsepower (PTO) or more .....	farms number	230 394	64 75	59 116	107 203	680 205
Grain and bean combines .....	farms number	6 8	1 (D)	2 (D)	3 (D)	2 (D)
Cotton pickers and strippers .....	farms number	-	-	-	-	-
Forage harvesters, self-propelled (see text) .....	farms number	4 4	1 (D)	2 (D)	1 (D)	2 (D)
Hay balers .....	farms number	14 16	1 (D)	-	13 (D)	4 5
<b>FERTILIZERS AND CHEMICALS<sup>2</sup></b>						
Commercial fertilizer, lime, and soil conditioners .....	farms acres treated	4,042 127,996	2,407 19,484	458 61,512	1,177 47,000	2,386 41,277
Manure .....	farms acres treated	730 3,812	441 (D)	102 1,500	187 (D)	422 2,307
Acres treated with chemicals to control:						
Insects .....	farms acres	1,840 41,616	1,040 (D)	225 11,790	575 (D)	1,095 21,988
Weeds, grass, or brush .....	farms acres	2,820 101,258	1,572 21,873	360 47,005	888 32,380	1,139 40,926
Nematodes .....	farms acres	275 8,169	171 455	30 899	74 6,815	122 1,619
Diseases in crops and orchards .....	farms acres	800 30,824	457 8,288	120 6,221	223 16,315	443 16,097
Chemicals used to control growth, thin fruit, or defoliate .....	farms acres on which used	216 26,378	115 1,172	23 (D)	78 (D)	127 (D)
<b>TENURE</b>						
Full owners .....	farms	3,202	3,202	-	-	1,925
Part owners .....	farms	589	-	589	-	339
Tenants .....	farms	1,607	-	-	1,607	1,042
<b>OWNED AND RENTED LAND</b>						
Land owned .....	farms acres	3,801 709,691	3,202 (D)	589 445,418	10 (D)	2,273 442,371
Owned land in farms .....	farms acres	2,196 673,158	3,202 246,865	589 426,293	-	1,528 258,320
Land rented or leased from others .....	farms acres	2,205 654,426	9 43	589 349,117	1,607 305,266	817 347,865
Rented or leased land in farms .....	farms acres	2,196 627,341	-	589 (D)	1,607 (D)	815 324,298
Land rented or leased to others .....	farms acres	204 54,618	117 7,754	29 41,701	58 5,163	105 42,016
<b>NUMBER OF OPERATORS</b>						
Total operators .....	number	8,009	4,711	936	2,362	3,306
Farms by number of operators:						
1 operator .....		3,306	1,925	339	1,042	3,306
2 operators .....		1,767	1,117	199	451	-
3 operators .....		237	122	32	83	1,767
4 operators .....		45	21	7	17	237
5 or more operators .....		43	17	12	14	45
Total women operators .....	number	2,652	1,664	284	704	613
Farms by number of women operators:						
1 operator .....		2,273	1,460	227	586	613
2 operators .....		148	86	21	41	1,660
3 operators .....		16	6	2	8	148
4 operators .....		2	2	1	1	16
5 or more operators .....		3	1	1	1	2

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>						
Sex of operator:						
Male .....	4,338	2,499	512	1,327	2,693	1,645
Female .....	1,060	703	77	280	613	447
Primary occupation:						
Farming .....	3,125	1,733	395	997	1,910	1,215
Other .....	2,273	1,469	194	610	1,396	877
Place of residence:						
On farm operated .....	3,538	2,458	387	693	2,090	1,448
Not on farm operated .....	1,860	744	202	914	1,216	644
Days worked off farm:						
None .....	2,786	1,644	329	813	1,713	1,073
Any .....	2,612	1,558	260	794	1,593	1,019
1 to 49 days .....	332	199	43	90	191	141
50 to 99 days .....	226	128	29	69	131	95
100 to 199 days .....	393	237	46	110	243	150
200 days or more .....	1,661	994	142	525	1,028	633
Years on present farm:						
2 years or less .....	322	186	19	117	201	121
3 or 4 years .....	547	331	47	169	305	242
5 to 9 years .....	1,194	666	105	423	699	495
10 years or more .....	3,335	2,019	418	898	2,101	1,234
Average years on present farm .....	15.5	15.8	18.7	13.9	15.8	15.0
Age group:						
Under 25 years .....	14	11	-	3	7	7
25 to 34 years .....	154	55	17	82	95	59
35 to 44 years .....	720	352	96	272	440	280
45 to 49 years .....	822	442	91	289	532	290
50 to 54 years .....	950	552	101	297	599	351
55 to 59 years .....	796	476	90	228	488	308
60 to 64 years .....	504	310	63	131	291	213
65 to 69 years .....	426	278	43	105	247	179
70 years and over .....	1,012	724	88	200	607	405
Average age .....	56.5	58.2	55.2	53.6	56.3	56.8
Spanish, Hispanic, or Latino origin (see text) .....	241	137	31	73	148	93
Race:						
White .....	2,148	1,427	254	467	1,223	925
Black or African American .....	12	10	1	1	6	6
American Indian or Alaska Native .....	30	17	4	9	15	15
Native Hawaiian or Other Pacific Islander .....	424	199	42	183	226	198
Asian .....	2,090	1,149	217	724	1,384	706
More than one race reported .....	694	400	71	223	452	242
Operators living on an American Indian reservation .....	-	-	-	-	-	-
Farms by number of persons living in operator's household:						
1 person .....	780	473	65	242	677	103
2 people .....	2,189	1,415	240	534	1,189	1,000
3 people .....	919	556	106	257	543	376
4 people .....	796	438	99	259	479	317
5 or more people .....	714	320	79	315	418	296
Percent of operator's total household income from farming:						
less than 25 percent .....	3,134	2,055	272	807	1,907	1,227
25 to 49 percent .....	593	322	75	196	366	227
50 to 74 percent .....	405	258	45	122	256	149
75 to 99 percent .....	213	86	40	87	133	80
100 percent .....	723	367	93	263	473	250
Operator is a hired manager .....	farms acres	330 789,520	134 101,557	64 567,221	132 120,742	171 500,834
Farms with-						
Computer for farm business .....	2,173	1,286	286	601	1,121	1,052
Internet access .....	2,613	1,596	310	707	1,437	1,176
Farms by number of households sharing in net income of farm:						
1 household .....	4,037	2,488	386	1,163	2,703	1,334
2 households .....	717	439	88	190	298	419
3 households .....	146	65	26	55	55	91
4 households .....	78	39	11	28	40	38
5 households or more .....	90	37	14	39	39	51
<b>FARMS BY TYPE OF ORGANIZATION</b>						
Family or individual .....	farms acres	4,629 329,179	2,823 (D)	460 (D)	1,346 88,831	2,991 (D)
Partnership .....	farms acres	225 116,737	151 23,058	19 38,035	55 55,644	45 12,784
Registered under state law .....	farms acres	182 114,417	121 22,090	15 37,728	46 54,599	34 12,416

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>F FARMS BY TYPE OF ORGANIZATION - Con.</b>						
Corporation .....	farms acres	472 713,539	188 113,209	100 449,756	184 150,574	226 (D) 189
Family held .....	farms acres	392 344,752	167 (D) 8	84 (D) 6	141 96,626 10	203 (D) 10 14 189
More than 10 stockholders .....	farms	24				
10 or less stockholders .....	farms	368	159	78	131	179
Other than family held .....	farms acres	80 368,784	21 (D)	16 (D) 2	43 53,948 8 35	37 269,308 4 33
More than 10 stockholders .....	farms	11	1			
10 or less stockholders .....	farms	69	20	14		
Other-cooperative, estate or trust, institutional, etc .....	farms acres	72 141,044	40 (D)	10 (D)	22 (D)	44 (D)
<b>H HIRED FARM LABOR</b>						
Hired farm labor .....	farms workers	1,527 12,640	698 3,938	263 3,236	566 5,466	920 5,194
Workers by days worked:						
150 days or more .....	farms workers	834 7,185	309 1,549	183 2,214	342 3,422	435 2,401
Less than 150 days .....	farms workers	1,141 5,455	551 2,389	169 1,022	421 2,044	435 2,793
Migrant farm labor on farms with hired labor (see text) .....	farms	189	92	41	56	109
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	11	7	25	17
<b>F FARMS BY SIZE</b>						
1 to 9 acres .....		3,440	2,388	156	896	2,175
10 to 49 acres .....		1,309	629	247	433	742
50 to 69 acres .....		130	56	31	43	80
70 to 99 acres .....		81	32	19	30	50
100 to 129 acres .....		82	29	15	38	53
130 to 159 acres .....		42	11	15	16	36
160 to 218 acres .....		34	8	11	16	28
219 to 250 acres .....		19	4	8	7	19
260 to 499 acres .....		93	16	23	54	460
500 to 999 acres .....		61	5	24	32	2,662
1,000 to 1,999 acres .....		41	7	11	23	80
2,000 acres or more .....		66	17	29	20	28
						13
						37
<b>F FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION (NAICS)</b>						
Oilseed and grain farming (1111) .....		24	8	8	15	9
Vegetable and melon farming (1112) .....		548	243	70	235	335
Fruit and tree nut farming (1113) .....		2,362	1,543	173	646	1,453
Greenhouse, nursery, and floriculture production (1114) .....		1,264	889	112	263	772
Other crop farming (1119) .....		233	75	33	125	153
Tobacco farming (11191) .....		-	-	-	-	-
Cotton farming (11192) .....		-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....		233	75	33	125	153
Beef cattle ranching and farming (112111) .....		526	203	132	191	339
Cattle feedlots (112112) .....		30	13	12	15	15
Dairy cattle and milk production (11212) .....		13	7	1	1	6
Hog and pig farming (1122) .....		115	62	10	43	62
Poultry and egg production (1123) .....		51	41	1	53	24
Sheep and goat farming (1124) .....		65	32	16	17	42
Animal aquaculture and other animal production (1125, 1129) .....		167	86	21	60	98
						69
<b>L LIVESTOCK</b>						
Cattle and calves inventory .....	farms number	748 154,308	328 20,725	187 93,118	233 40,465	456 82,625
Farms with-						
1 to 9 .....		235	159	29	47	132
10 to 49 .....		248	116	60	72	152
50 to 99 .....		84	23	23	38	64
100 to 199 .....		73	17	27	29	20
200 to 499 .....		54	4	22	28	26
500 or more .....		54	9	26	19	17
Cows and heifers that had calved .....	farms number	597 89,742	239 11,884	173 54,642	185 23,216	369 51,505
Beef cows .....	farms number	578 83,277	228 9,963	171 (D)	179 (D)	359 50,156
Farms with-						
1 to 9 .....		183	117	34	32	108
10 to 49 .....		210	79	61	70	135
50 to 99 .....		68	12	28	28	46
100 to 199 .....		53	11	14	28	35
200 to 499 .....		26	3	14	9	18
500 or more .....		38	6	20	12	17

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>LIVESTOCK - Con.</b>						
Cattle and calves inventory - Con.						
Cows and heifers that had calved - Con.						
Milk cows .....	farms number	27 6,465	16 1,921	3 (D)	8 (D)	15 1,349
Farms with-						
5 to 9 .....		16	10	2	4	10
10 to 49 .....		2	2	-	-	1
50 to 99 .....		1	1	-	-	1
100 to 199 .....		1	-	-	-	-
200 to 499 .....		-	-	-	-	-
500 or more .....		7	2	1	4	2
Other cattle (see text) .....	farms number	609 64,566	247 8,841	156 38,476	206 17,249	374 31,120
Cattle and calves sold .....	farms number	550 60,739	202 6,171	163 40,011	185 14,557	342 33,755
Calves weighing less than 500 pounds .....	farms number	\$1,000 30,719	1,993 303	23,831 96	4,895 94	208 17,981
Cattle, including calves weighing 500 pounds or more .....	farms number	385 40,397	140 2,706	120 30,283	125 7,408	235 21,866
Cattle on feed (see text) .....	farms number	41 8,006	15 63	19 7,835	113 108	20 219
Hogs and pigs inventory .....	farms number	204 23,364	112 12,110	21 2,082	71 9,172	98 7,139
Farms with-						
1 to 24 .....		113	67	12	34	61
25 to 49 .....		18	9	8	9	10
50 to 99 .....		29	14	6	6	8
100 to 199 .....		17	7	8	8	14
200 to 499 .....		19	8	1	10	13
500 or more .....		14	7	2	5	13
Used or to be used for breeding .....	farms number	160 5,843	85 2,312	14 481	61 3,050	83 1,745
Other hogs and pigs .....	farms number	180 17,521	99 9,798	19 1,601	62 6,122	77 1,745
Hogs and pigs sold .....	farms number	158 33,231	81 20,979	19 3,455	58 8,797	80 9,553
Sheep and lambs of all ages inventory (see text) .....	farms number	103 19,909	66 59	17 (D)	20 (D)	58 (D)
Ewes 1 year old or older .....	farms number	91 6,800	59 (D)	15 (D)	17 (D)	50 (D)
Sheep and lambs sold .....	farms number	34 4,639	22 (D)	6 (D)	684 (D)	14 (D)
Horses and ponies inventory .....	farms number	493 4,582	209 1,551	125 1,704	159 1,327	216 2,298
Horses and ponies sold .....	farms number	79 237	30 94	23 79	26 64	39 137
Goats, All inventory .....	farms number	189 5,364	113 1,576	38 1,271	38 2,517	96 2,645
Goats sold .....	farms number	86 4,237	41 627	28 682	48 2,928	38 1,513
<b>POULTRY</b>						
Layers 20 weeks old and older inventory .....	farms number	125 537,882	100 (D)	10 (D)	15 (D)	42 112,361
Farms with-						
1 to 399 .....		115	93	9	13	39
400 to 3,199 .....		1	-	-	1	1
3,200 to 9,999 .....		3	3	-	-	2
10,000 to 19,999 .....		1	-	1	-	1
20,000 to 49,999 .....		3	3	-	-	2
50,000 to 99,999 .....		1	-	-	1	-
100,000 or more .....		1	1	-	-	1
Pullets for laying flock replacement inventory .....	farms number	26 67,925	19 (D)	3 (D)	4 110	16 (D)
Layers and pullets sold (see text) .....	farms number	25 458,280	18 (D)	3 (D)	4 (D)	14 (D)
Broilers and other meat-type chickens sold .....	farms number	17 881,112	13 (D)	2 (D)	2 (D)	10 (D)
Farms with-						
1 to 1,999 .....		13	10	1	2	6
2,000 to 59,999 .....		1	-	-	-	-
60,000 to 99,999 .....		1	-	1	-	1
100,000 or more .....		3	3	-	-	2
Turkeys inventory .....	farms number	7 75	7 75	-	-	5 (D)

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>POULTRY - Con.</b>						
Turkeys sold .....	farms number	(1)	(D)	-	-	(D)
CROPS HARVESTED						
Corn for grain .....	farms acres bushels	12 4,383 203,391	-	1,131 <sup>4</sup> 46,061	3,252 <sup>8</sup> 157,339	6 (D) 92,177
Irrigated .....	farms acres	12 4,383	-	1,131 <sup>4</sup>	3,252	6 1,825
Farms by acres harvested:						
1 to 24 acres .....	-	2	-	-	2	1
25 to 99 acres .....	-	2	-	1	1	2
100 to 249 acres .....	-	2	-	1	1	2
250 to 499 acres .....	-	3	-	1	2	1
500 acres or more .....	-	3	-	1	2	2
Corn for silage or greenchop .....	farms acres tons	(D) <sup>2</sup>	-	-	2	(D)
Irrigated .....	farms acres	(D) <sup>2</sup>	-	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres .....	-	-	-	-	-	-
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	1	-	-	1	1
250 to 499 acres .....	-	1	-	-	1	-
500 acres or more .....	-	-	-	-	-	-
Soybeans for beans .....	farms acres bushels	1 (D)	-	-	1	-
Irrigated .....	farms acres	(D)	-	-	(D)	(D)
Farms by acres harvested:						
1 to 24 acres .....	-	1	-	-	1	1
25 to 99 acres .....	-	-	-	-	-	-
100 to 249 acres .....	-	-	-	-	-	-
250 to 499 acres .....	-	-	-	-	-	-
500 acres or more .....	-	-	-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	6 (D)	1 (D)	4 4	5 2
Irrigated .....	farms acres	(D)	-	-	2,260 (D)	2,401 (D)
Farms by acres harvested:						
0.1 to 4.9 acres .....	-	11	6	1	4	5
5.0 to 24.9 acres .....	-	-	-	-	-	6
25.0 to 99.9 acres .....	-	-	-	-	-	-
100.0 to 249.9 acres .....	-	-	-	-	-	-
250.0 acres or more .....	-	-	-	-	-	-
Sweet potatoes .....	farms acres cwt	59 294 16,357	23 86 (D)	6 47 (D)	30 161 8,503	39 165 12,924
Irrigated .....	farms acres	16 165	(D)	(D)	5 (D)	(D)
Sugarcane for sugar .....	farms acres tons	(D) <sup>2</sup>	-	(D) <sup>2</sup>	-	(D)
Irrigated .....	farms acres	(D) <sup>2</sup>	-	(D) <sup>2</sup>	-	(D)
Pineapples harvested .....	farms acres tons	34 10,211 314,626	21 35 426	7 (D)	6 (D)	19 (D)
Irrigated .....	farms acres	12 9,759	7	(D)	4 (D)	5 (D)
Forage-land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	4 66 (D)	1 (D)	9 (D)	7 400 454
Irrigated .....	farms acres	7 243	(D)	(D)	5 (D)	2 (D)
Farms by acres harvested:						
1 to 24 acres .....	-	5	3	-	2	2
25 to 99 acres .....	-	5	1	-	4	3
100 to 249 acres .....	-	3	-	-	3	2
250 to 499 acres .....	-	1	-	1	-	1
500 acres or more .....	-	-	-	-	-	-
Alfalfa hay .....	farms acres tons, dry	(D) <sup>2</sup>	-	-	2 (D)	(D)
Irrigated .....	farms acres	(D) <sup>2</sup>	-	-	2 (D)	(D)
Other tame hay .....	farms acres tons, dry	(D) <sup>7</sup>	(D) <sup>3</sup>	(D)	309 (D)	5 350
Irrigated .....	farms acres	(D) <sup>2</sup>	(D)	(D)	-	274 (D)

See footnote(s) at end of table.

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**Table 61. Summary by Tenure of Principal Operator and by Operators on Farm: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Tenure of principal operator			Operators on farm	
		Full owners	Part owners	Tenants	One operator	More than one operator
<b>CROPS HARVESTED - Con.</b>						
Land used for vegetables (see text) .......	farms 633 acres 5,824	294 659	81 1,255	258 3,909	374 1,743	259 4,080
Irrigated .....	farms 417 acres 5,038	173 460	61 936	183 3,642	229 1,189	188 3,848
Farms by acres harvested:						
0.1 to 4.9 acres .....	472	256	34	183	287	186
5.0 to 24.9 acres .....	125	36	32	57	69	56
25.0 to 99.9 acres .....	30	2	13	15	17	13
100.0 to 249.9 acres .....	3	-	2	1	1	2
250.0 acres or more .....	2	-	-	2	-	2
Snap beans harvested for sale .....	farms 129 acres 208	62 38	10 37	57 133	76 95	53 113
Harvested for processing .....	farms - acres -	- -	- -	- -	- -	- -
Sweet corn harvested for sale .....	farms 80 acres 503	35 56	9 (D)	36 (D)	47 169	33 335
Harvested for processing .....	farms - acres -	- -	- -	- -	- -	- -
Tomatoes harvested for sale .....	farms 72 acres 664	27 (D)	10 71	35 (D)	41 (D)	31 (D)
Harvested for processing .....	farms - acres -	- -	- -	- -	- -	- -
All land in orchards .....	farms 2,833 acres 34,908	1,839 15,066	234 6,169	760 13,673	1,704 23,087	1,129 11,821
Irrigated .....	farms 810 acres 12,090	523 (D)	71 (D)	216 6,648	419 9,573	391 2,517
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres .....	1,944	1,423	113	408	1,164	780
5.0 to 24.9 acres .....	760	368	97	295	462	298
25.0 to 99.9 acres .....	99	39	20	40	60	39
100.0 to 249.9 acres .....	20	6	3	11	11	9
250.0 acres or more .....	10	3	1	6	7	3
Apples .....	Bearing and nonbearing farms (D)	2 (D)	2 -	- -	1 (D)	1 (D)
Grapes .....	Bearing and nonbearing farms 41	2 (D)	- -	4 (D)	2 (D)	4 (D)
Citrus fruit, All .....	Bearing and nonbearing farms 641	395 344	31 40	48 257	253 239	221 402
Land in berries harvested for sale (see text) .....	farms 3 acres 11	1 (D)	1 -	1 (D)	2 -	1 (D)
Irrigated .....	farms 1 acres (D)	- -	(D) -	- -	(D) -	- -

<sup>1</sup> Data do not include the value of cottonseed and peanuts.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Landlord production expenses are included with total farm production expenses.

<sup>4</sup> Farms with a zero net cash income are included as farms with gains of less than \$1,000.

**Table 1. County Summary Highlights: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms .....	number	5,398	3,216	794	565
Land in farms .....	acres	1,300,499	821,276	70,705	151,828
Average size of farm .....	acres	241	255	89	269
Median size of farm .....	acres	5	6	4	5
Estimated market value of land and buildings <sup>1</sup> : .....	dollars	842,875	724,308	738,577	1,068,439
Average per farm .....	dollars	3,507	2,822	8,358	3,989
Estimated market value of all machinery and equipment <sup>1</sup> : .....	dollars	35,568	23,981	37,543	66,074
Average per farm .....	dollars				58,849
Farms by size: .....					
1 to 9 acres .....		3,440	2,009	574	352
10 to 49 acres .....		1,309	818	152	127
50 to 179 acres .....		1,335	207	34	38
180 to 499 acres .....		146	90	15	20
500 to 999 acres .....		61	38	5	11
1,000 acres or more .....		107	54	14	7
Total cropland .....	farms	4,755	2,908	681	474
Harvested cropland .....	acres	211,120	90,778	29,103	30,510
Harvested cropland .....	farms	4,522	2,791	656	426
Harvested cropland .....	acres	109,461	55,529	13,757	11,771
Irrigated land .....	farms	2,231	908	545	316
Irrigated land .....	acres	69,194	9,041	13,703	19,595
Market value of agricultural products sold (see text) .....	\$1,000 dollars	533,423	187,736	179,321	41,855
Average per farm .....	\$1,000 dollars	98,819	58,375	225,845	74,080
Crops .....	\$1,000	445,356	143,924	149,050	35,737
Livestock, poultry, and their products .....	\$1,000	88,067	43,812	30,271	6,118
Farms by value of sales: .....					
Less than \$2,500 .....		1,407	835	143	201
\$2,500 to \$4,999 .....		714	458	74	79
\$5,000 to \$9,999 .....		916	578	115	87
\$10,000 to \$24,999 .....		1,056	641	165	93
\$25,000 to \$49,999 .....		500	282	107	46
\$50,000 to \$99,999 .....		314	189	54	25
\$100,000 or more .....		485	237	136	34
Government payments .....	farms	113	43	14	28
\$1,000		886	397	60	165
Total income from farm-related sources, gross before taxes and expenses (see text) .....	farms	449	235	94	45
\$1,000		19,237	7,625	5,433	2,834
Total farm production expenses <sup>1</sup> .....	\$1,000	450,946	161,441	129,730	46,151
Average per farm .....	dollars	82,925	49,920	162,162	79,025
Net cash farm income of operation (see text) <sup>1</sup> .....	farms	5,438	3,234	800	584
\$1,000		98,145	34,408	52,347	914
Average per farm .....	dollars	18,048	10,639	65,434	-1,564
Principal operator by primary occupation:					
Farming .....	number	3,125	1,830	555	306
Other .....	number	2,273	1,386	239	259
Principal operator by days worked off farm:					
Any .....	number	2,612	1,637	301	264
200 days or more .....	number	1,661	1,018	213	166
Livestock and poultry:					
Cattle and calves inventory .....	farms	748	436	50	117
Cattle and calves inventory .....	number	154,308	113,708	9,498	12,325
Beef cows .....	farms	578	336	33	94
Milk cows .....	number	83,221	64,010	1,873	(D)
Cattle and calves sold .....	farms	27	12	5	4
Cattle and calves sold .....	number	6,655	3,101	3,328	(D)
Hogs and pigs inventory .....	farms	60,739	46,857	1,588	3,920
Hogs and pigs sold .....	number	204	55	71	24
Sheep and lambs inventory .....	farms	23,364	2,329	13,337	1,882
Hogs and pigs sold .....	number	33,158	38	59	17
Layers 20 weeks old and older inventory .....	farms	33,231	3,947	19,382	3,599
Sheep and lambs inventory .....	number	103	83	7	4
Broilers and other meat-type chickens sold .....	farms	19,909	(D)	358	(D)
Layers 20 weeks old and older inventory .....	number	125	64	16	13
Selected crops harvested:					
Corn for grain .....	farms	537,882	408,739	2,172	(D)
Corn for grain .....	acres	17	7	4	(D)
Corn for grain .....	bushels	881,112	658	(D)	(D)
Corn for silage or greenchop .....	farms	12	3	6	3
Corn for silage or greenchop .....	acres	4,383	(D)	1,075	(D)
Corn for silage or greenchop .....	tons	203,391	(D)	116,597	(D)
Soybeans for beans .....	farms	2	2	-	-
Soybeans for beans .....	acres	(D)	(D)	-	-
Soybeans for beans .....	bushels	(D)	-	-	-
Potatoes .....	farms	11	3	7	1
Potatoes .....	acres	4,542	(D)	(D)	(D)
Potatoes .....	cwt	16,357	(D)	(D)	(D)
Sweet potatoes .....	farms	59	40	6	8
Sweet potatoes .....	acres	294	124	9	8
Sweet potatoes .....	cwt	16,357	(D)	98	327

See footnote(s) at end of table.

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**Table 1. County Summary Highlights: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui	
Selected crops harvested - Con.						
Forage - land used for all hay and all haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	3 249 (D)	4 363 499	3 (D) (D)	4 (D) (D)
Sugarcane for sugar .....	farms acres tons	2 (D) (D)	- -	- -	1 (D) (D)	1 (D) (D)
Pineapples harvested .....	farms acres tons	34 10,211 314,626	18 18 35	2 (D) (D)	7 (D) 147	7 (D) (D)
Vegetables harvested for sale (see text) .....	farms acres	633 6,554	191 1,008	222 4,020	90 325	130 1,200
Land in orchards .....	farms acres	2,833 34,908	2,086 27,736	184 1,371	246 4,527	317 1,275

<sup>1</sup> Data are based on a sample of farms.

**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Total sales (see text) .....	farms, 2002 1997	5,398 5,473	3,216 3,319	794 880	565 468
\$1,000, 2002 .....	\$1,000, 1997	533,423 496,935	187,736 168,111	179,321 142,965	41,855 57,474
Average per farm .....	dollars, 2002 1997	98,819 90,798	58,375 50,651	225,845 162,460	74,080 122,808
2002 value of sales:					
Less than \$1,000 (see text) .....	farms \$1,000	661 165	394 105	69 17	92 18
\$1,000 to \$2,499 .....	farms \$1,000	746 1,201	441 708	74 128	108 177
\$2,500 to \$4,999 .....	farms \$1,000	114 2,549	48 1,622	44 270	79 291
\$5,000 to \$9,999 .....	farms \$1,000	916 6,366	578 4,044	115 796	366 621
\$10,000 to \$19,999 .....	farms \$1,000	807 11,035	505 6,948	120 1,633	117 876
\$20,000 to \$24,999 .....	farms \$1,000	249 5,346	136 2,935	45 960	28 592
\$25,000 to \$39,999 .....	farms \$1,000	341 10,519	197 6,007	70 2,200	34 1,051
\$40,000 to \$49,999 .....	farms \$1,000	165 7,109	85 3,693	37 1,592	12 513
\$50,000 to \$99,999 .....	farms \$1,000	314 20,907	185 12,275	54 3,486	25 1,762
\$100,000 to \$249,999 .....	farms \$1,000	249 37,734	129 20,043	60 8,515	19 2,787
\$250,000 to \$499,999 .....	farms \$1,000	103 36,198	49 16,820	29 10,496	5 1,830
\$500,000 or more .....	farms \$1,000	133 394,287	59 112,537	47 149,228	10 31,337
1997 value of sales:					
Less than \$1,000 (see text) .....	farms \$1,000	816 189	494 110	65 15	101 (D)
\$1,000 to \$2,499 .....	farms \$1,000	822 1,336	485 779	87 154	156 157
\$2,500 to \$4,999 .....	farms \$1,000	1,448 2,629	400 1,746	89 318	266 326
\$5,000 to \$9,999 .....	farms \$1,000	799 5,635	498 3,554	127 875	96 474
\$10,000 to \$19,999 .....	farms \$1,000	764 10,658	467 6,527	147 2,051	57 783
\$20,000 to \$24,999 .....	farms \$1,000	225 4,890	138 3,002	44 952	18 399
\$25,000 to \$39,999 .....	farms \$1,000	383 11,745	247 7,547	78 2,420	25 451
\$40,000 to \$49,999 .....	farms \$1,000	152 6,570	94 4,084	42 2,420	9 451
\$50,000 to \$99,999 .....	farms \$1,000	323 21,637	192 13,186	67 4,182	24 1,632
\$100,000 to \$249,999 .....	farms \$1,000	229 34,613	114 17,864	58 8,728	10 1,364
\$250,000 to \$499,999 .....	farms \$1,000	105 35,956	48 16,195	37 13,085	2 (D)
\$500,000 or more .....	farms \$1,000	114 361,078	52 93,515	33 108,407	11 50,832
Value of sales by commodity or commodity group:					
Crops, including nursery and greenhouse .....	farms, 2002 1997	4,317 4,208	2,660 2,627	635 725	401 301
\$1,000, 2002 .....	\$1,000, 1997	445,356 401,411	143,924 129,018	149,050 103,477	35,737 52,832
Grains, oilseeds, dry beans, and dry peas .....	farms, 2002 1997	13 (NA)	- (NA)	4 (NA)	6 (NA)
Tobacco .....	farms, 2002 1997	14,647 (NA)	(NA) (NA)	(NA) (NA)	6,130 (NA)
Cotton and cottonseed .....	farms, 2002 1997	- -	- -	- -	- -
Vegetables, melons, potatoes, and sweet potatoes .....	farms, 2002 1997	666 (NA)	210 (NA)	232 (NA)	93 (NA)
Fruits, tree nuts, and berries .....	farms, 2002 1997	2,582 2,248	1,936 1,761	155 179	207 115
\$1,000, 2002 .....	\$1,000, 1997	179,475 174,573	67,041 69,614	(D) (D)	9,454 31,588
Nursery, greenhouse, floriculture, and sod (see text) .....	farms, 2002 1997	1,386 (NA)	635 (NA)	335 (NA)	140 (NA)
Cut Christmas trees and short-rotation woody crops .....	farms, 2002 1997	19 (NA)	4 (NA)	1 (NA)	7 (NA)

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**Table 2. Market Value of Agricultural Products Sold Including Direct and Organic: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Total sales (see text) - Con.					
Value of sales by commodity or commodity group - Con.					
Crops, including nursery and greenhouse - Con.					
Other crops and hay (see text) .... farms, 2002 1997	271 (NA)	119 (NA)	27 (NA)	78 (NA)	47 (NA)
\$1,000, 2002 1997	86,061 (NA)	(D) (NA)	1,372 (NA)	(D) (NA)	(D) (NA)
Livestock, poultry, and their products .... farms, 2002 1997	1,007 1,054	486 553	162 151	153 137	206 213
\$1,000, 2002 1997	88,067 95,344	43,812 39,044	30,271 39,488	6,118 4,642	7,886 12,311
Poultry and eggs .... farms, 2002 1997	110 90	40 40	30 25	14 5	26 20
\$1,000, 2002 1997	12,545 17,999	1,729 (D)	9,357 13,918	171 (D)	(D) (D)
Cattle and calves .... farms, 2002 1997	550 660	320 389	36 40	88 98	106 133
\$1,000, 2002 1997	30,719 27,895	23,535 20,120	1,094 (D)	(D) 1,262	4,670 5,420
Milk and other dairy products from cows .... farms, 2002 1997	10 16	5 5	4 9	1 1	1 -
\$1,000, 2002 1997	21,745 29,058	(D) 4,822	13,674 (D)	(D) (D)	(D) (D)
Hogs and pigs .... farms, 2002 1997	158 190	38 57	59 66	17 20	44 47
\$1,000, 2002 1997	4,612 6,336	677 (D)	2,796 3,368	(D) (D)	946 (D)
Sheep, goats, and their products .... farms, 2002 1997	145 (NA)	74 (NA)	8 (NA)	27 (NA)	36 (NA)
\$1,000, 2002 1997	1,081 (NA)	148 (NA)	(NA) (NA)	446 (NA)	(D) (NA)
Horses, ponies, mules, burros, and donkeys .... farms, 2002 1997	82 (NA)	44 (NA)	5 (NA)	11 (NA)	22 (NA)
\$1,000, 2002 1997	418 (NA)	194 (NA)	19 (NA)	77 (NA)	128 (NA)
Aquaculture .... farms, 2002 1997	67 (NA)	23 (NA)	35 (NA)	3 (NA)	6 (NA)
\$1,000, 2002 1997	14,005 (NA)	7,444 (NA)	(NA) (NA)	(NA) (NA)	(D) (NA)
Other animals and other animal products (see text) .... farms, 2002 1997	65 (NA)	34 (NA)	9 (NA)	13 164	9 93
\$1,000, 2002 1997	2,940 (NA)	2,636 (NA)	46 (NA)	(NA)	(NA)
Value of agricultural products sold directly to individuals for human consumption (see text) .... farms, 2002 1997	796 525	317 200	154 135	162 97	163 93
\$1,000, 2002 1997	7,089 4,586	1,784 1,043	2,133 2,408	2,140 329	1,031 806
Value of certified organically produced commodities (see text) .... farms, 2002 1997	140 (NA)	83 (NA)	7 (NA)	18 189	32 672
\$1,000, 2002 1997	4,801 (NA)	2,930 (NA)	(NA) (NA)	(NA) (NA)	1,009 (NA)

**Table 3. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Total farm production expenses .....	farms, 2002 1997	5,438 5,471	3,234 3,319	800 879	584 467
\$1,000, 2002 .....	\$1,000, 1997	450,946 398,567	161,441 116,839	129,730 112,599	46,151 58,505
Average per farm .....	dollars, 2002 1997	82,925 72,851	49,920 35,203	162,162 128,099	79,025 125,278
Fertilizer, lime, and soil conditioners purchased .....	farms, 2002 1997	4,326 4,051	2,715 2,636	650 635	369 283
\$1,000, 2002 .....	\$1,000, 1997	17,791 23,653	5,738 7,847	5,009 5,241	2,394 4,134
Chemicals purchased .....	farms, 2002 1997	3,607 3,834	2,229 2,506	545 583	290 280
\$1,000, 2002 .....	\$1,000, 1997	19,134 19,187	4,310 4,195	4,322 4,324	1,715 1,748
Seeds, plants, vines, and trees .....	farms, 2002 1997	1,508 1,188	841 4,613	404 3,686	218 520
\$1,000, 2002 .....	\$1,000, 1997	10,348 11,188	2,592 2,592	5,073 5,073	109 109
Livestock and poultry purchased .....	farms, 2002 1997	329 479	195 249	24 63	84 61
\$1,000, 2002 .....	\$1,000, 1997	6,025 6,471	3,293 2,201	2,032 2,801	155 186
Breeding livestock purchased (see text) .....	farms, 2002 1997	179 (NA)	110 (NA)	8 (NA)	41 (NA)
\$1,000, 2002 .....	\$1,000, 1997	873 (NA)	515 (NA)	205 (NA)	100 (NA)
Other livestock and poultry purchased .....	farms, 2002 1997	193 (NA)	119 (NA)	16 (NA)	44 (NA)
\$1,000, 2002 .....	\$1,000, 1997	5,152 (NA)	2,779 (NA)	1,827 (NA)	55 (NA)
Feed purchased .....	farms, 2002 1997	1,267 845	645 412	161 134	217 190
\$1,000, 2002 .....	\$1,000, 1997	27,997 35,749	11,993 6,837	11,148 22,107	2,282 2,116
Gasoline, fuels, and oils .....	farms, 2002 1997	4,721 5,055	2,672 3,085	759 818	551 743
\$1,000, 2002 .....	\$1,000, 1997	14,358 16,338	4,984 4,949	3,668 2,952	1,964 4,180
Utilities (see text) .....	farms, 2002 1997	2,812 (NA)	1,526 (NA)	1,533 (NA)	335 (NA)
\$1,000, 2002 .....	\$1,000, 1997	19,474 (NA)	5,725 (NA)	5,398 (NA)	1,057 (NA)
Supplies, repairs, and maintenance .....	farms, 2002 1997	4,626 4,020	2,608 2,425	766 640	515 342
\$1,000, 2002 .....	\$1,000, 1997	50,411 31,918	17,354 8,277	9,377 4,424	7,207 6,361
Hired farm labor .....	farms, 2002 1997	1,527 1,652	891 1,054	270 256	99 108
\$1,000, 2002 .....	\$1,000, 1997	177,692 150,682	47,453 40,918	59,615 40,232	18,082 27,061
Contract labor .....	farms, 2002 1997	824 679	598 494	61 64	44 27
\$1,000, 2002 .....	\$1,000, 1997	7,159 4,881	5,156 3,119	940 597	96 564
Customwork and custom hauling .....	farms, 2002 1997	282 (NA)	170 (NA)	25 (NA)	32 (NA)
\$1,000, 2002 .....	\$1,000, 1997	9,232 (NA)	6,795 (NA)	989 (NA)	1,177 (NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup> .....	farms, 2002 1997	1,655 1,620	977 915	323 352	155 149
\$1,000, 2002 .....	\$1,000, 1997	19,723 11,923	6,866 3,865	7,471 3,645	1,938 2,275
Rent and lease expenses for machinery, equipment, and farm share of vehicles .....	farms, 2002 1997	343 (NA)	184 (NA)	54 (NA)	34 (NA)
\$1,000, 2002 .....	\$1,000, 1997	3,066 (NA)	1,128 (NA)	678 (NA)	608 (NA)
Interest expense .....	farms, 2002 1997	955 1,036	635 645	98 159	119 74
\$1,000, 2002 .....	\$1,000, 1997	8,633 13,964	5,372 5,337	1,202 2,158	1,372 1,829
Secured by real estate .....	farms, 2002 1997	611 598	381 389	65 63	97 45
\$1,000, 2002 .....	\$1,000, 1997	6,114 7,665	3,592 3,675	860 847	1,123 911
Not secured by real estate .....	farms, 2002 1997	430 523	293 310	48 107	29 33
\$1,000, 2002 .....	\$1,000, 1997	2,519 6,299	1,780 1,662	342 1,911	249 918
Property taxes paid .....	farms, 2002 1997	4,195 4,166	2,579 2,608	521 549	437 356
\$1,000, 2002 .....	\$1,000, 1997	6,463 5,196	3,071 2,360	1,300 880	1,086 842
All other production expenses (see text) .....	farms, 2002 1997	2,389 4,841	1,339 2,889	383 814	242 410
\$1,000, 2002 .....	\$1,000, 1997	55,499 56,733	27,609 21,141	12,646 15,838	4,563 4,606
Depreciation expenses claimed (see text) .....	farms, 2002 1997	1,709 (NA)	1,033 (NA)	218 (NA)	120 (NA)
\$1,000, 2002 .....	\$1,000, 1997	34,498 (NA)	16,031 (NA)	5,823 (NA)	2,332 (NA)

<sup>1</sup> Data for 1997 do not include lime and manure.

<sup>2</sup> Data for 1997 do not include grazing fees.

**Table 4. Net Cash Farm Income of the Operations and Operators: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Net cash farm income of operations (see text) .....	\$1,000 Average per farm .....	98,145 18,048	34,408 10,639	52,347 65,434	-914 -1,564
Farms with net gains <sup>1</sup> .....	number Average per farm .....	3,278 41,991	1,960 27,411	526 108,654	314 19,384
Farms with net losses .....	number Average per farm .....	2,160 18,287	1,274 15,163	274 17,537	270 25,927
Net cash farm income of operators (see text) .....	\$1,000 Average per farm .....	98,563 18,125	34,748 10,745	51,966 64,958	-35 -61
Farm operators reporting net gains .....	farms Average per farm .....	3,283 42,210	1,968 27,449	523 108,940	314 22,422
Farm operators reporting net losses .....	farms Average per farm .....	2,155 18,567	1,266 15,223	277 18,085	270 26,207

<sup>1</sup> Farms with total production expenses equal to total of market value of agricultural products sold, government payments, and farm-related income are included as farms with gains.

**Table 5. Government Payments and Commodity Credit Corporation Loans: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>GOVERNMENT PAYMENTS</b>					
Total received .....	farms, 2002 1997	113 116	43 72	14 14	28 8
\$1,000, 2002 1997	886 625	397 318	60 97	165 25	264 185
Average per farm .....	dollars, 2002 1997	7,841 5,384	9,240 4,411	4,271 6,927	5,899 3,171
Amount from Conservation Reserve and Wetlands Reserve Programs .....	farms, 2002 1997	7 -	6 -	1 -	- -
\$1,000, 2002 1997	(D)	-	4 -	(D) -	- -
Average per farm .....	dollars, 2002 1997	(D) -	740 -	(D) -	- -
Amount from other federal farm programs .....	farms, 2002 1997	107 (NA)	38 (NA)	13 (NA)	28 (NA)
\$1,000, 2002 1997	(D) (NA)	393 (NA)	(D) (NA)	(D) (NA)	165 (NA)
Average per farm .....	dollars, 2002 1997	(D) (NA)	10,340 (NA)	(D) (NA)	5,899 (NA)
<b>COMMODITY CREDIT CORPORATION LOANS</b>					
Total .....	farms, 2002 1997	1 -	-	1 (D)	- -
\$1,000, 2002 1997	(D)	-	-	-	-

**Table 6. Income From Farm-Related Sources: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Total income from farm-related sources, gross before taxes and expenses (see text) <sup>1</sup> . . . . . farms, 2002 1997	449 415	235 243	94 81	45 36	75 55
\$1,000, 2002 1997	19,237 4,170	7,625 2,225	5,433 599	2,834 175	3,345 1,172
Average per farm . . . . . dollars, 2002 1997	42,844 10,047	32,446 9,155	57,797 7,390	62,978 4,860	44,600 21,301
Customwork and other agricultural services . . . . . farms, 2002 1997	181 213	98 135	29 30	22 22	32 26
\$1,000, 2002 1997	7,448 1,688	5,622 1,209	696 245	702 120	427 113
Gross cash rent or share payments (see text) . . . . . farms, 2002 1997	103 140	53 69	23 39	10 11	17 21
\$1,000, 2002 1997	3,482 2,063	(D) 714	999 295	(D) 35	1,520 1,020
Sales of forest products, excluding Christmas trees and maple products . . . . . farms, 2002 1997	21 25	13 18	-	2 1	6 6
\$1,000, 2002 1997	243 190	(D) 175	-	(D) (D)	7 (D)
Recreational services (see text) . . . . . farms, 2002 1997	24 (NA)	8 (NA)	5 (NA)	2 (NA)	9 (NA)
\$1,000, 2002 1997	1,607 (NA)	(D) (NA)	479 (NA)	(D) (NA)	907 (NA)
Patronage dividends and refunds from cooperatives (see text) . . . . . farms, 2002 1997	40 (NA)	23 (NA)	10 (NA)	- (NA)	7 (NA)
\$1,000, 2002 1997	90 (NA)	14 (NA)	71 (NA)	- (NA)	4 (NA)
Other farm-related income sources (see text) . . . . . farms, 2002 1997	134 (NA)	65 (NA)	39 (NA)	12 (NA)	18 (NA)
\$1,000, 2002 1997	6,368 (NA)	1,234 (NA)	3,187 (NA)	1,466 (NA)	480 (NA)

<sup>1</sup> Data for 1997 are based on a sample of farms.

**Table 7. Hired Farm Labor - Workers and Payroll: 2002**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Hired farm labor .....	farms \$1,000 payroll	1,527 12,640 177,692	891 5,740 47,453	270 2,961 59,615	99 1,135 18,082
Farms with- 1 worker .....	farms workers	427 427	232 232	70 70	57 57
2 workers .....	farms workers	253 506	153 306	21 42	12 24
3 or 4 workers .....	farms workers	271 921	161 548	66 228	11 39
5 to 9 workers .....	farms workers	305 1,960	100 1,238	37 238	6 38
10 workers or more .....	farms workers	271 8,826	155 3,416	76 2,383	13 977
Workers by days worked: 150 days or more .....	farms workers	834 7,185	435 2,656	216 2,062	48 611
Farms with- 1 worker .....	farms workers	273 273	166 166	45 45	14 14
2 workers .....	farms workers	151 302	70 140	41 82	14 28
3 or 4 workers .....	farms workers	111 359	50 161	29 94	5 15
5 to 9 workers .....	farms workers	157 1,040	83 542	46 319	7 42
10 workers or more .....	farms workers	142 5,211	66 1,647	55 1,522	8 512
Less than 150 days .....	farms workers	1,141 5,455	685 3,084	175 899	73 524
Farms with- 1 worker .....	farms workers	386 386	205 205	79 79	47 47
2 workers .....	farms workers	271 542	163 326	30 60	14 28
3 or 4 workers .....	farms workers	182 607	101 347	37 118	- -
5 to 9 workers .....	farms workers	190 1,253	138 916	60 61	37 35
10 workers or more .....	farms workers	112 2,667	78 1,290	19 581	7 414
Reported only workers working 150 days or more .....	farms workers \$1,000 payroll	386 3,441 74,808	206 1,296 20,582	95 920 20,952	26 85 1,290
Reported only workers working less than 150 days .....	farms workers \$1,000 payroll	693 2,405 4,447	456 1,736 2,584	54 84 391	51 206 237
Reported both - workers working 150 days or more and workers working less than 150 days .....	farms 150 days or more, workers less than 150 days, workers \$1,000 payroll	448 3,744 3,050 98,437	229 1,360 1,348 24,288	121 1,142 815 38,271	22 526 318 16,555
Migrant farm labor on farms with hired labor (see text) .....	farms	189	156	19	9
Migrant farm labor on farms reporting only contract labor (see text) .....	farms	43	43	-	-

**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>F FARMS AND LAND IN FARMS</b>					
Farms .....	5,398	3,216	794	565	823
1997	5,473	3,319	880	468	806
Land in farms .....	1,300,499	821,276	70,705	151,828	256,690
1997	1,439,071	870,012	79,927	197,042	292,090
Average size of farm .....	241	255	89	269	312
1997	263	262	91	421	362
Estimated market value of land and buildings <sup>1</sup> .....	5,438	3,234	800	584	800
1997	5,433	3,319	880	466	806
\$1,000, 2002 .....	4,583,552	2,346,442	590,862	623,969	1,026,310
1997	3,460,552	1,906,645	497,518	396,746	650,584
Average per farm .....	842,875	724,308	738,517	1,068,439	1,251,598
1997	632,881	574,364	569,361	847,704	818,342
Average per acre .....	3,507	2,822	8,958	3,989	4,112
1997	2,405	2,192	6,225	2,013	2,258
2002 farms by value group:					
\$1 to \$49,999 .....	563	317	101	68	77
\$50,000 to \$99,999 .....	556	371	82	59	44
\$100,000 to \$199,999 .....	839	554	109	65	111
\$200,000 to \$499,999 .....	1,643	1,059	236	138	210
\$500,000 to \$999,999 .....	1,000	552	168	107	173
\$1,000,000 to \$1,999,999 .....	442	172	51	72	147
\$2,000,000 to \$4,999,999 .....	279	166	28	50	35
\$5,000,000 to \$9,999,999 .....	67	24	13	15	15
\$10,000,000 or more .....	49	19	12	10	8
Approximate land area .....	acres, 2002	4,110,479	2,577,932	383,850	398,361
Proportion in farms .....	percent, 2002	31.6	31.9	18.4	38.1
2002 size of farm:					
1 to 9 acres .....	farms	3,440	2,009	574	352
acres		12,110	7,630	1,700	1,175
10 to 49 acres .....	farms	1,309	818	152	127
acres		26,972	16,699	2,811	2,548
50 to 69 acres .....	farms	130	84	14	10
acres		7,363	4,778	799	527
70 to 99 acres .....	farms	81	45	1	10
acres		6,670	3,677	545	850
100 to 139 acres .....	farms	82	51	9	10
acres		9,291	5,667	1,094	1,102
140 to 179 acres .....	farms	42	27	4	8
acres		6,655	4,332	614	(D)
180 to 219 acres .....	farms	34	19	3	6
acres		6,724	3,780	564	1,188
220 to 259 acres .....	farms	19	12	3	2
acres		4,447	2,806	691	(D)
260 to 499 acres .....	farms	93	59	9	12
acres		31,740	19,717	3,353	4,256
500 to 999 acres .....	farms	61	38	5	11
acres		40,307	25,080	3,245	7,498
1,000 to 1,999 acres .....	farms	41	18	4	10
acres		56,159	23,252	5,420	14,445
2,000 acres or more .....	farms	66	36	10	6
acres		1,092,061	703,858	49,869	116,516
1997 size of farm:					
1 to 9 acres .....	farms	3,456	2,062	664	262
acres		12,232	7,776	1,949	993
10 to 49 acres .....	farms	1,417	893	156	135
acres		28,290	17,413	2,939	2,537
50 to 69 acres .....	farms	122	76	8	18
acres		6,742	4,217	(D)	(D)
70 to 99 acres .....	farms	77	56	6	2
acres		6,358	4,621	(D)	(D)
100 to 139 acres .....	farms	75	54	8	9
acres		8,464	5,959	1,028	1,017
140 to 179 acres .....	farms	44	21	6	6
acres		6,971	3,343	938	937
180 to 219 acres .....	farms	24	10	5	5
acres		(D)	1,983	(D)	1,013
220 to 259 acres .....	farms	17	6	7	4
acres		(D)	1,391	-	(D)
260 to 499 acres .....	farms	98	55	12	10
acres		32,962	17,527	4,093	3,410
500 to 999 acres .....	farms	43	32	3	3
acres		28,738	20,990	2,100	2,025
1,000 to 1,999 acres .....	farms	33	16	3	6
acres		45,095	21,722	3,905	8,654
2,000 acres or more .....	farms	67	38	9	5
acres		1,254,456	763,070	61,079	173,606
<b>LAND IN FARMS ACCORDING TO USE</b>					
Total cropland .....	farms, 2002	4,755	2,908	681	474
1997	4,882	3,035	777	386	684
acres, 2002	211,120	90,778	29,103	30,510	60,729
1997	292,107	102,991	29,237	(D)	(D)
Harvested cropland .....	farms, 2002	4,522	2,791	656	426
1997	4,594	2,897	749	343	605
acres, 2002	109,461	55,529	13,757	11,771	28,404
1997	100,094	32,410	15,355	20,086	32,243
Cropland used only for pasture or grazing .....	farms, 2002	451	241	36	86
1997	501	276	37	78	110
acres, 2002	36,340	(D)	7,227	(D)	4,844
1997	41,834	17,683	(D)	(D)	(D)

See footnote(s) at end of table.

--continued

**Table 8. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>LAND IN FARMS ACCORDING TO USE - Con.</b>					
Total cropland - Con.					
Other cropland .....	farms, 2002 1997 acres, 2002 1997	1,015 1,052 65,119 150,179	631 593 (D) 52,898	128 146 8,119 (D)	113 140 (D) (D)
Cropland idle or used for cover crops or soil improvement, but not harvested and not pastured or grazed (see text) .....	farms, 2002 1997 acres, 2002 1997	858 (NA) 61,559 (NA)	535 (NA) 16,098 (NA)	106 (NA) 6,233 (NA)	99 (NA) 12,306 (NA)
Cropland on which all crops failed or were abandoned .....	farms, 2002 1997 acres, 2002 1997	200 67 1,407 453	127 26 (D) 63	24 12 (D) (D)	19 4 (D) (D)
Cropland in cultivated summer fallow .....	farms, 2002 1997 acres, 2002 1997	55 60 2,153 3,176	16 24 96 109	12 10 (D) (D)	10 11 (D) (D)
Total woodland .....	farms, 2002 1997 acres, 2002 1997	308 213 117,685 108,704	208 153 86,632 75,821	19 8 6,675 209	27 19 (D) (D)
Woodland pastured .....	farms, 2002 1997 acres, 2002 1997	86 54 41,467	47 40 (D)	10 787	7 (D) (D)
Woodland not pastured .....	farms, 2002 1997 acres, 2002 1997	31,844 248 76,218 76,860	14,645 181 (D) 61,176	12 8 5,888 209	30 20 (D) (D)
Pastureland and rangeland, other than cropland and woodland pastured (see text) .....	farms, 2002 1997 acres, 2002 1997	858 898 852,626 898,737	488 368 605,737 633,000	48 51 20,752 21,737	130 103 82,768 91,179
Land in house lots, ponds, roads, wasteland, etc. ....	farms, 2002 1997 acres, 2002 1997	1,973 2,224 119,068 139,523	1,093 1,322 38,129 58,200	321 334 14,175 28,744	225 217 (D) 5,118
Pastureland, all types .....	farms, 2002 1997 acres, 2002 1997	1,209 1,163 930,633 972,415	673 633 652,225 665,328	81 81 28,766 (D)	194 175 100,968 (D)
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>					
Land enrolled in Conservation Reserve or Wetlands Reserve Programs .....	farms, 2002 1997 acres, 2002 1997	5 243 -	4 (D) -	1 (D) -	- - -
Land used to raise certified organically produced crops (see text) .....	farms, 2002 1997 acres, 2002 1997	126 (NA) 780 (NA)	79 (NA) 451 (NA)	6 (NA) 15 (NA)	15 (NA) 67 (NA)
Land enrolled in federal or other crop insurance programs (see text) .....	farms, 2002 1997 acres, 2002 1997	185 (NA) 27,759 (NA)	97 (NA) 16,515 (NA)	48 (NA) (D) (NA)	12 (NA) 93 (NA)

<sup>1</sup> Data are based on a sample of farms.

**Table 9. Harvested Cropland by Size of Farm and Acres Harvested: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms ..... number, 2002	4,522	2,791	656	426	649
1997 acres harvested, 2002	4,594	2,897	749	343	605
1997	109,461	55,529	13,757	11,771	28,404
100,094	32,410	15,355		20,086	32,243
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>					
2002 size of farm:					
1 to 9 acres ..... farms	3,205	1,937	496	316	456
acres harvested	8,042	5,405	1,052	653	932
10 to 49 acres ..... farms	1,050	689	1,226	833	152
acres harvested	10,280	7,069	1,220	556	1,433
50 to 69 acres ..... farms	775	500	100	23	12
acres harvested	1,713	1,173	209	2	309
70 to 99 acres ..... farms	39	26	(D)	(D)	9
acres harvested	1,166	882	(D)	(D)	232
100 to 139 acres ..... farms	32	24	(D)	(D)	4
acres harvested	1,492	1,071	(D)	(D)	221
140 to 179 acres ..... farms	20	12	(D)	(D)	2
acres harvested	1,087	(D)	322	(D)	(D)
180 to 219 acres ..... farms	21	13	(D)	(D)	2
acres harvested	1,526	755	334	(D)	(D)
220 to 259 acres ..... farms	9	6	(D)	(D)	-
acres harvested	1,029	(D)	(D)	(D)	-
260 to 499 acres ..... farms	22	9	4	5	4
acres harvested	2,549	884	879	(D)	(D)
500 to 999 acres ..... farms	17	10	1	4	2
acres harvested	3,966	2,191	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms	11	6	(D)	(D)	2
acres harvested	4,788	(D)	(D)	(D)	(D)
2,000 acres or more ..... farms	21	9	6	2	4
acres harvested	71,823	(D)	8,219	(D)	(D)
1997 size of farm:					
1 to 9 acres ..... farms	3,227	1,996	589	233	409
acres harvested	8,093	5,524	1,300	455	814
10 to 49 acres ..... farms	1,111	741	130	85	155
acres harvested	9,916	6,772	1,261	506	1,377
50 to 69 acres ..... farms	81	54	8	7	12
acres harvested	1,883	1,231	180	67	405
70 to 99 acres ..... farms	41	33	(D)	(D)	6
acres harvested	1,380	1,216	(D)	(D)	(D)
100 to 139 acres ..... farms	1,249	957	(D)	(D)	(D)
acres harvested	15	8	(D)	(D)	(D)
140 to 179 acres ..... farms	1,061	640	201	(D)	(D)
acres harvested	11	4	(D)	(D)	(D)
180 to 219 acres ..... farms	549	388	(D)	(D)	(D)
acres harvested	8	3	(D)	(D)	(D)
220 to 259 acres ..... farms	(D)	392	(D)	(D)	(D)
acres harvested	27	12	4	5	6
260 to 499 acres ..... farms	3,894	1,280	906	740	968
acres harvested	12	10	(D)	(D)	(D)
500 to 999 acres ..... farms	2,395	(D)	(D)	(D)	(D)
acres harvested	7	3	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms	(D)	(D)	(D)	(D)	(D)
2,000 acres or more ..... farms	25	11	6	3	5
acres harvested	66,496	11,612	10,837	16,464	27,583
<b>HARVESTED CROPLAND BY ACRES HARVESTED</b>					
2002 acres harvested:					
1 to 9 acres ..... farms	3,899	2,383	565	389	562
acres	10,917	7,315	1,360	964	1,278
10 to 19 acres ..... farms	336	229	51	19	37
acres	4,332	2,936	643	259	494
20 to 29 acres ..... farms	105	71	15	3	16
acres	2,407	1,664	318	6	364
30 to 49 acres ..... farms	75	49	6	3	17
acres	2,718	1,760	230	118	608
50 to 99 acres ..... farms	48	32	4	4	9
acres	3,331	2,232	266	276	557
100 to 199 acres ..... farms	23	11	8	9	11
acres	3,060	(D)	1,136	405	(D)
200 to 499 acres ..... farms	15	7	2	3	3
acres	4,716	1,701	(D)	(D)	1,028
500 to 999 acres ..... farms	6	4	1	-	1
acres	4,424	(D)	(D)	(D)	(D)
1,000 acres or more ..... farms	14	5	4	2	3
acres	73,559	33,692	8,096	(D)	(D)
1997 acres harvested:					
1 to 9 acres ..... farms	3,980	2,486	667	308	519
acres	11,270	7,602	1,686	762	1,220
10 to 19 acres ..... farms	370	260	48	22	40
acres	4,711	3,316	602	281	512
20 to 29 acres ..... farms	87	53	16	1	17
acres	(D)	(D)	362	(D)	(D)
30 to 49 acres ..... farms	59	39	7	1	12
acres	2,158	1,437	(D)	(D)	419
50 to 99 acres ..... farms	44	33	2	2	7
acres	2,879	2,120	(D)	(D)	462
100 to 199 acres ..... farms	19	13	2	2	2
acres	2,325	1,569	(D)	(D)	(D)
200 to 499 acres ..... farms	18	7	4	3	4
acres	5,846	2,200	1,266	968	1,412
500 to 999 acres ..... farms	2	2	-	-	-
acres	(D)	(D)	(D)	(D)	(D)
1,000 acres or more ..... farms	15	1	3	4	4
acres	67,461	11,492	10,789	17,598	27,582

**Table 10. Irrigation: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms ..... number, 2002	2,231	908	545	316	462
1997	2,241	857	629	275	480
Land in irrigated farms ..... acres, 2002	269,371	40,765	45,373	78,514	104,719
1997	388,054	61,313	56,748	127,815	142,178
Harvested cropland ..... farms, 2002	2,180	887	535	309	449
1997	2,191	848	619	264	460
acres, 2002	66,479	14,779	12,912	11,504	27,284
1997	80,218	13,691	14,927	19,895	31,705
Other cropland, excluding cropland pastured ..... farms, 2002	514	219	141	87	140
1997	574	198	123	113	140
acres, 2002	50,851	4,485	7,582	11,602	27,182
1997	108,761	12,015	(D)	(D)	28,886
Pastureland, excluding woodland pastured ..... farms, 2002	270	103	32	58	77
1997	248	84	30	55	79
acres, 2002	86,638	16,728	6,477	31,707	31,926
1997	108,964	16,225	(D)	(D)	39,350
Irrigated land ..... acres, 2002	69,194	9,041	13,703	19,595	26,855
1997	76,971	7,425	16,303	18,212	35,031
Harvested cropland ..... farms, 2002	2,174	885	535	309	445
1997	2,181	845	616	262	458
acres, 2002	58,691	8,391	12,486	11,269	26,545
1997	70,442	7,193	14,740	17,780	30,729
Pastureland and other land ..... farms, 2002	111	37	22	14	38
1997	124	24	25	36	39
acres, 2002	10,503	650	1,217	8,326	310
1997	6,529	232	1,563	432	4,302
2002 irrigated acres by size of farm:					
1 to 9 acres ..... farms	1,527	609	400	213	305
acres irrigated	2,971	1,193	835	387	556
10 to 49 acres ..... farms	531	227	109	74	121
acres irrigated	3,880	1,292	1,026	441	1,121
50 to 69 acres ..... farms	44	19	11	3	11
acres irrigated	760	225	221	25	289
70 to 99 acres ..... farms	24	14	2	1	7
acres irrigated	450	228	(D)	(D)	185
100 to 139 acres ..... farms	25	14	6	2	3
acres irrigated	833	263	236	(D)	(D)
140 to 179 acres ..... farms	13	6	3	2	2
acres irrigated	922	406	293	(D)	(D)
180 to 219 acres ..... farms	12	4	2	4	2
acres irrigated	653	(D)	(D)	238	(D)
220 to 259 acres ..... farms	6	2	2	2	-
acres irrigated	595	(D)	(D)	(D)	-
260 to 499 acres ..... farms	13	4	2	4	3
acres irrigated	1,364	44	(D)	489	(D)
500 to 999 acres ..... farms	10	3	1	5	1
acres irrigated	1,537	(D)	(D)	930	(D)
1,000 to 1,999 acres ..... farms	9	2	1	3	3
acres irrigated	5,058	(D)	(D)	1,155	(D)
2,000 acres or more ..... farms	17	4	6	3	4
acres irrigated	50,171	(D)	(D)	15,371	(D)
1997 irrigated acres by size of farm:					
1 to 9 acres ..... farms	1,538	573	488	171	306
acres irrigated	3,094	1,062	1,100	334	598
10 to 49 acres ..... farms	553	231	110	78	134
acres irrigated	3,864	1,071	1,033	541	1,219
50 to 69 acres ..... farms	46	20	6	8	12
acres irrigated	945	318	160	93	374
70 to 99 acres ..... farms	15	8	2	-	5
acres irrigated	328	171	(D)	-	(D)
100 to 139 acres ..... farms	17	8	4	3	2
acres irrigated	516	187	78	(D)	(D)
140 to 179 acres ..... farms	10	3	3	1	2
acres irrigated	679	(D)	20	(D)	(D)
180 to 219 acres ..... farms	10	4	4	(D)	(D)
acres irrigated	(D)	(D)	(D)	(D)	(D)
220 to 259 acres ..... farms	3	-	-	(D)	(D)
acres irrigated	(D)	-	-	(D)	(D)
260 to 499 acres ..... farms	18	3	6	5	4
acres irrigated	2,586	(D)	969	(D)	846
500 to 999 acres ..... farms	8	4	-	(D)	3
acres irrigated	3,004	(D)	-	(D)	1,762
1,000 to 1,999 acres ..... farms	6	-	1	2	3
acres irrigated	1,742	-	(D)	(D)	38
2,000 acres or more ..... farms	17	4	5	3	5
acres irrigated	59,669	(D)	(D)	14,591	29,524

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>INVENTORY</b>					
Cattle and calves	farms, 2002 1997	748 829	436 484	50 45	117 121
	number, 2002 1997	154,308 181,732	113,708 126,968	9,498 11,312	12,325 11,440
Farms by inventory:					
1 to 9	farms, 2002 1997	235 279	126 161	11 8	42 34
	number, 2002 1997	1,068 1,220	570 688	46 35	207 134
10 to 19	farms, 2002 1997	111 143	59 67	7 7	14 34
	number, 2002 1997	1,412 1,894	770 881	79 78	186 186
20 to 49	farms, 2002 1997	138 152	79 100	13 7	471 25
	number, 2002 1997	4,434 4,692	2,448 3,057	461 224	835 766
50 to 99	farms, 2002 1997	84 87	55 52	6 8	11 9
	number, 2002 1997	5,885 6,034	3,759 3,682	399 611	825 591
100 to 199	farms, 2002 1997	73 70	46 43	3 4	12 10
	number, 2002 1997	9,813 9,279	6,292 5,861	400 520	1,462 1,272
200 to 499	farms, 2002 1997	54 39	35 25	7 6	2,248 3
	number, 2002 1997	16,028 12,006	10,349 7,506	2,071 1,904	1,068 1,272
500 or more	farms, 2002 1997	54 59	36 36	3 5	6 6
	number, 2002 1997	115,668 146,602	89,520 105,293	6,042 7,940	6,562 7,138
Cows and heifers that had calved	farms, 2002 1997	597 648	345 378	37 37	98 93
	number, 2002 1997	89,742 102,100	67,103 72,788	5,207 5,565	6,313 5,363
Beef cows	farms, 2002 1997	578 625	336 370	33 30	94 88
	number, 2002 1997	83,277 93,711	64,002 70,796	1,879 1,763	(D) (D)
2002 farms by inventory:					
1 to 9	farms number	183 811	95 415	5 (D)	30 17
10 to 19	farms number	83 1,071	47 618	7 (D)	219 219
20 to 49	farms number	127 3,828	72 2,223	10 290	23 711
50 to 99	farms number	68 4,562	46 3,212	3 189	10 612
100 to 199	farms number	53 7,038	33 4,381	6 837	5 709
200 to 499	farms number	26 7,629	16 4,794	2 (D)	6 1,785
500 or more	farms number	38 58,338	27 48,359	- (D)	3 2,105
Milk cows	farms, 2002 1997	27 44	12 23	5 8	4 8
	number, 2002 1997	6,465 8,389	3,101 1,992	3,328 4,802	(D) (D)
2002 farms by inventory:					
1 to 9	farms number	18 (D)	8 (D)	1 (D)	3 5
10 to 19	farms number	- -	- -	- -	- -
20 to 49	farms number	1 (D)	- -	- -	1 (D)
50 to 99	farms number	1 (D)	- -	1 (D)	- -
100 to 199	farms number	- -	- -	- -	- -
200 to 499	farms number	- -	- -	- -	- -
500 or more	farms number	7 6,341	4 (D)	3 (D)	- -
Other cattle (see text)	farms, 2002 1997	609 (NA)	354 (NA)	44 (NA)	86 (NA)
	number, 2002 1997	64,566 (NA)	46,605 (NA)	4,291 (NA)	6,012 (NA)
2002 farms by inventory:					
1 to 9	farms number	245 1,024	129 533	14 64	35 182
10 to 19	farms number	102 1,358	68 907	8 110	16 140
20 to 49	farms number	108 3,332	57 1,783	12 317	21 560
50 to 99	farms number	55 3,900	38 2,501	3 317	9 560
100 to 199	farms number	39 5,133	23 2,934	4 (D)	617 (D)
200 to 499	farms number	24 6,788	17 4,651	1 (D)	962 3
500 or more	farms number	32 43,061	22 33,236	2 (D)	615 4,490

--continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>INVENTORY - Con.</b>					
Cattle and calves - Con.					
Cattle on feed (see text) . . . . .	farms, 2002 1997 number, 2002 1997	28 (NA) 2,336 (NA)	20 (NA) (D) (NA)	(NA) (NA)	1 (NA) (D) (NA)
2002 farms by inventory:					
1 to 9 . . . . .	farms number	15 50	14 (D) 4	-	-
10 to 19 . . . . .	farms number	6 (D)	1 (D) 1	-	1 (D) 2
20 to 49 . . . . .	farms number	3 (D)	1 (D) 1	-	1 (D) 2
50 to 99 . . . . .	farms number	120 -	1 (D)	-	1 (D) 1
100 to 199 . . . . .	farms number	2 (D)	-	-	1 (D) 1
200 to 499 . . . . .	farms number	1 (D)	-	-	1 (D) 1
500 or more . . . . .	farms number	1 (D)	1 (D)	-	-
<b>SALES</b>					
Dairy products sold . . . . .	farms, 2002 1997 \$1,000, 2002 1997	10 16 21,745 29,058	5 5 (D) 4,822	4 9 13,674 (D)	1 (D) (D)
Cattle and calves sold . . . . .	farms, 2002 1997 number, 2002 1997 \$1,000, 2002 1997	550 660 60,739 66,726 30,719 27,895	320 389 46,857 49,713 23,535 20,120	36 40 1,588 2,925 (D) 1,094	88 98 3,920 3,031 (D) 1,262
2002 farms by number sold:					
1 to 9 . . . . .	farms number	219 853	109 394	14 49	44 196
10 to 19 . . . . .	farms number	77 1,021	43 569	6 85	12 156
20 to 49 . . . . .	farms number	115 3,528	73 2,313	9 258	16 470
50 to 99 . . . . .	farms number	51 3,619	34 2,451	3 211	8 401
100 to 199 . . . . .	farms number	33 4,280	24 3,108	2 (D)	3 401
200 to 499 . . . . .	farms number	30 9,977	19 6,452	1 (D)	5 (D)
500 or more . . . . .	farms number	25 37,461	18 31,570	1 (D)	5 (D)
Calves weighing less than 500 pounds, sold . . . . .	farms, 2002 1997 number, 2002 1997	303 404 20,342 22,309	204 268 17,433 17,309	17 21 297 1,485	35 51 763 1,256
2002 farms by number sold:					
1 to 9 . . . . .	farms number	96 374	48 178	8 30	17 76
10 to 19 . . . . .	farms number	47 634	28 (D)	4 (D)	5 (D)
20 to 49 . . . . .	farms number	80 2,529	59 1,887	4 133	10 133
50 to 99 . . . . .	farms number	49 2,816	33 2,334	1 1	2 274
100 to 199 . . . . .	farms number	18 2,642	17 (D)	1 (D)	2 (D)
200 to 499 . . . . .	farms number	11 3,479	10 (D)	- (D)	- (D)
500 or more . . . . .	farms number	10 7,872	9 (D)	- (D)	- (D)
Cattle, including calves weighing 500 pounds or more, sold . . . . .	farms, 2002 1997 number, 2002 1997	385 380 40,397 44,417	201 190 29,424 32,404	27 30 1,291 1,440	77 68 3,157 1,775
2002 farms by number sold:					
1 to 9 . . . . .	farms number	197 (D)	101 (D)	14 45	43 169
10 to 19 . . . . .	farms number	56 718	32 (D)	1 (D)	12 (D)
20 to 49 . . . . .	farms number	58 1,599	25 679	6 155	11 327
50 to 99 . . . . .	farms number	22 1,458	15 (D)	3 221	1 1
100 to 199 . . . . .	farms number	18 2,190	10 (D)	1 (D)	5 640
200 to 499 . . . . .	farms number	17 4,942	7 (D)	1 (D)	4 1,254
500 or more . . . . .	farms number	17 (D)	11 (D)	1 (D)	4 1,633
		23,951			3,706

-continued

**Table 11. Cattle and Calves - Inventory and Sales: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>SALES - Con.</b>					
Cattle and calves sold - Con.					
Cattle, including calves weighing 500 pounds or more, sold - Con.					
Cattle on feed sold (see text) .....	farms, 2002 1997 number, 2002 1997	41 38 8,006 10,332	26 16 (D) (D)	2 2 (D) (D)	3 7 108
2002 farms by number sold:					
1 to 9 .....	farms number	26 86	20 69	1 (D)	2 (D)
10 to 19 .....	farms number	4 (D)	2 (D)	-	-
20 to 49 .....	farms number	3 80	-	1 (D)	1 (D)
50 to 99 .....	farms number	3 152	3 152	-	-
100 to 199 .....	farms number	-	-	-	-
200 to 499 .....	farms number	2 (D)	-	-	-
500 or more .....	farms number	3 7,002	1 (D)	-	2 (D)

**Table 12. Hogs and Pigs - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>INVENTORY</b>					
Total hogs and pigs .....	farms, 2002 1997	204 248	55 88	71 73	24 24
	number, 2002 1997	23,364 29,440	2,329 3,186	13,337 19,463	1,882 2,423
Farms by inventory:					
1 to 24 .....	farms, 2002 1997	113 158	37 67	28 26	18 16
	number, 2002 1997	889 1,333	315 479	(D) 284	(D) 167
25 to 49 .....	farms, 2002 1997	118 119	7 6	4 7	2 3
	number, 2002 1997	625 645	(D) (D)	(D) 230	(D) (D)
50 to 99 .....	farms, 2002 1997	22 18	5 4	6 11	3 3
	number, 2002 1997	1,516 1,265	302 254	(D) 841	198 170
100 to 199 .....	farms, 2002 1997	17 24	3 8	11 8	- 3
	number, 2002 1997	2,475 3,128	419 1,146	1,583 1,024	- - 473 958
200 to 499 .....	farms, 2002 1997	19 9	2 -	14 8	- -
	number, 2002 1997	5,472 3,173	(D) -	4,058 (D)	- (D)
500 to 999 .....	farms, 2002 1997	11 13	1 2	7 8	- 1
	number, 2002 1997	7,078 8,287	(D) (D)	4,595 5,462	(D) (D)
1,000 or more .....	farms, 2002 1997	3 7	- -	1 5	1 1
	number, 2002 1997	5,312 11,609	- -	(D) (D)	(D) (D)
Hogs and pigs used or to be used for breeding .....	farms, 2002 1997	160 168	33 46	66 63	20 18
	number, 2002 1997	5,843 4,588	494 567	3,183 2,831	327 315
2002 farms by inventory:					
1 to 24 .....		110	26	36	18
25 to 49 .....		15	5	4	1
50 to 99 .....		24	2	18	-
100 or more .....		11	-	8	1
Other hogs and pigs .....	farms, 2002 1997	180 236	45 84	64 70	20 24
	number, 2002 1997	17,521 24,852	1,835 2,619	10,174 16,632	1,555 2,108
<b>SALES</b>					
Hogs and pigs sold .....	farms, 2002 1997	158 190	38 57	59 66	17 20
	number, 2002 1997	33,231 38,066	3,947 4,604	19,382 19,182	3,599 6,337
\$1,000, 2002 .....	2002 1997	4,612 6,336	(D) 677	2,796 3,368	(D) (D)
2002 farms by number sold:					
1 to 24 .....	farms number	67 624	20 226	18 163	8 59
25 to 49 .....	farms number	17 65	5 21	3 10	5 1
50 to 99 .....	farms number	14 850	2 (D)	5 345	1 10
100 to 199 .....	farms number	22 3,019	6 741	10 1,355	1 (D)
200 to 499 .....	farms number	18 5,431	2 (D)	9 (D)	1 (D)
500 to 999 .....	farms number	12 7,966	3 (D)	8 5,008	- (D)
1,000 or more .....	farms number	8 14,726	- -	6 (D)	1 (D)

**Table 13. Poultry - Inventory and Sales: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>INVENTORY</b>					
Any poultry .....	farms, 2002 1997	209 226	97 107	38 37	26 28
Layers 20 weeks old and older .....	farms, 2002 1997	125 136	64 69	16 19	13 11
number, 2002 1997	537,882 714,924	(D)	61,267	408,739 569,649	2,172 (D)
2002 farms by inventory:					
1 to 49 .....		99	55	9	10
50 to 99 .....		10	4	-	2
100 to 399 .....		6	2	-	4
400 to 3,199 .....		1	-	-	2
3,200 to 9,999 .....		3	1	2	-
10,000 to 19,999 .....		1	1	-	-
20,000 to 49,999 .....		3	1	2	-
50,000 to 99,999 .....		1	-	-	1
100,000 or more .....		1	-	-	-
Pullets for laying flock replacement .....	farms, 2002 1997	26 (NA) 67,925 (NA)	13 (NA) (D) (NA)	8 (NA) (D) (NA)	5 (NA) 104 (NA)
Broilers and other meat-type chickens .....	farms, 2002 1997	39 42	12 21	13 6	5 5
number, 2002 1997	202,902 111,988	465 480	(D) (D)	(D) (D)	400 155
Turkeys .....	farms, 2002 1997	7 7	6 4	- 3	1 (D)
number, 2002 1997	75 112	(D) (D)	(D)	-	-
Ducks, geese, and other poultry <sup>1</sup> .....	farms, 2002 1997	118 115	57 57	20 15	14 15
<b>SALES</b>					
Any poultry sold .....	farms, 2002 1997	110 90	40 40	30 25	14 5
Layers and pullets sold (see text) .....	farms, 2002 1997	25 23	14 8	8 11	1 (D)
number, 2002 1997	458,280 (D)		23,001 (D)	(D) (D)	(D) (D)
Layers 20 weeks old and older sold .....	farms, 2002 1997	20 21	11 8	6 9	1 (D)
number, 2002 1997	224,266 (D)	(D)	(D)	181,926 (D)	(D) (D)
Pullets for laying flock replacement sold .....	farms, 2002 1997	6 5	3 1	2 3	1 (D)
number, 2002 1997	(D) (D)	(D) (D)	(D) (D)	(D) (D)	(D) (D)
Broilers and other meat-type chickens sold .....	farms, 2002 1997	17 9	7 1	4 3	2 (D)
number, 2002 1997	881,112 478,672	(D)	658 (D)	(D) (D)	(D) (D)
2002 farms by number sold:					
1 to 1,999 .....		13	7	1	1
2,000 to 59,999 .....		-	-	-	-
60,000 to 99,999 .....		1	-	-	1
100,000 to 199,999 .....		1	-	-	-
200,000 to 499,999 .....		2	-	2	-
500,000 or more .....		-	-	-	-
Turkeys sold .....	farms, 2002 1997	1 -	1 (D)	-	-
number, 2002 1997	(D)	(D)	-	-	-
Ducks, geese, and other poultry sold <sup>1</sup> .....	farms, 2002 1997	45 29	19 16	13 7	5 1

<sup>1</sup> Data include emus and ostriches.

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
<b>DUCKS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	57 48	1,213 510	7 4	397 65
<b>Counties, 2002</b>					
Hawaii .....		31	390	2	(D)
Honolulu .....		5	(D)	2	(D)
Kauai .....		7	(D)	1	(D)
Maui .....		14	211	2	(D)
<b>EMUS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(NA)	(NA)	1 (NA)	(D) (NA)
<b>Counties, 2002</b>					
Hawaii .....		-	-	1	(D)
<b>GEES</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	33 43	302 277	3 4	20 17
<b>Counties, 2002</b>					
Hawaii .....		19 9	222 26	2 1	(D) (D)
Honolulu .....		5	54	-	-
Maui .....		1	-	-	-
<b>PHEASANTS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	6 4	(D) (D)	4 2	(D) (D)
<b>Counties, 2002</b>					
Hawaii .....		2 1	(D) (D)	3 1	(D) (D)
Honolulu .....		3	160	-	-
Maui .....		1	-	-	-
<b>PIGEONS OR SQUAB</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	2 3	(D) 250	-	-
<b>Counties, 2002</b>					
Honolulu .....		1	(D) (D)	-	-
Kauai .....		1	-	-	-
<b>QUAIL</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	6 1	484 (D)	3 -	238 -
<b>Counties, 2002</b>					
Hawaii .....		4	(D) (D)	2 1	(D) (D)
Honolulu .....		1	(D) (D)	-	-
Maui .....		-	-	-	-
<b>OTHER POULTRY (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	47 44	4,659 5,400	31 19	2,118 1,830
<b>Counties, 2002</b>					
Hawaii .....		21	1,326	14	1,058
Honolulu .....		13	1,981	9	635
Kauai .....		7	868	4	290
Maui .....		6	484	4	135
<b>POULTRY HATCHED (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(X) (X)	(X) (X)	81 53	(D)

--continued

**Table 14. Miscellaneous Poultry - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>POULTRY HATCHED (SEE TEXT) - Con.</b>				
<b>Counties, 2002</b>				
Hawaii . . . . .	(X)	(X)	(X)	37
Honolulu . . . . .	(X)	(X)	(X)	21
Kauai . . . . .	(X)	(X)	(X)	8
Maui . . . . .	(X)	(X)	(X)	15
				2,475 (D) 826 1,221

**Table 15. Horses and Ponies - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>STATE TOTAL</b>				
Hawaii . . . . .	2002	493	4,582	237
	1997	591	4,923	189
<b>COUNTIES, 2002</b>				
Hawaii . . . . .		266	2,348	107
Honolulu . . . . .		40	545	18
Kauai . . . . .		80	1,014	37
Maui . . . . .		107	675	75

**Table 16. Sheep and Lambs - Inventory, Wool Production, and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Sheep and lambs inventory (see text) .....					
farms, 2002	103	83	7	4	9
1997	104	82	7	5	10
number, 2002	19,909	(D)	358	(D)	75
1997	22,541	4,142	211	(D)	(D)
2002 farms by inventory:					
1 to 24 .....	farms	73	60	4	7
	number	712	635	(D)	(D)
25 to 99 .....	farms	25	20	2	2
	number	(D)	(D)	(D)	(D)
100 to 299 .....	farms	2	(D)	(D)	-
	number	(D)	(D)	-	-
300 to 999 .....	farms	2	(D)	-	-
	number	(D)	(D)	-	-
1,000 or more .....	farms	2	1	1	-
	number	(D)	(D)	(D)	-
Ewes 1 year old or older .....	farms, 2002	91	74	6	4
	1997	81	62	6	5
	number, 2002	6,800	(D)	165	(D)
	1997	(D)	1,962	41	(D)
Wool production .....	farms, 2002	45	35	4	3
	1997	33	27	2	1
	pounds, 2002	144,320	(D)	2,520	(D)
	1997	12,632	10,387	(D)	(D)
Sheep and lambs sold .....	farms, 2002	34	30	1	2
	1997	45	36	2	2
	number, 2002	4,639	(D)	(D)	(D)
	1997	2,484	2,187	(D)	(D)

**Table 17. Milk Goats - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>STATE TOTAL</b>				
Hawaii .....	2002	33	441	8
	1997	31	480	7
<b>COUNTIES, 2002</b>				
Hawaii .....		14	(D)	2
Honolulu .....		2	(D)	2
Kauai .....		6	(D)	4
Maui .....		11		128

**Table 18. Angora Goats - Inventory, Number Sold, and Mohair Production: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Angora goats				Mohair production <sup>1</sup>	
	Inventory		Sold			
	Farms	Number	Farms	Number	Farms	Pounds
<b>STATE TOTAL</b>						
Hawaii .....	2002	4 (NA)	26 (NA)	1 (NA)	(D) (NA)	1 (NA) (D)
	1997					
<b>COUNTIES, 2002</b>						
Hawaii .....		2	(D)	1	(D)	1 (D)
Kauai .....		1	(D)	-	-	-
Maui .....		1	(D)	-	-	-

<sup>1</sup> 1997 data are for farms with sales.

**Table 19. Colonies of Bees and Honey - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Colonies of bees				Honey produced <sup>1</sup>	
	Inventory		Sold			
	Farms	Number	Farms	Number	Farms	Pounds
<b>STATE TOTAL</b>						
Hawaii .....	2002	49	14,365	-	39	966,138
	1997	75	11,831	4	34	949,769
<b>COUNTIES, 2002</b>						
Hawaii .....		29	10,859	-	23	821,145
Honolulu .....		5	527	-	5	13,640
Kauai .....		7	2,080	-	7	95,653
Maui .....		8	899	-	4	35,700

<sup>1</sup> 1997 data are for farms with sales.

**Table 20. Mink and Their Pelts - Inventory and Number Sold: 2002 and 1997**

[Not published for this State]

**Table 21. Aquaculture Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms with aquaculture sold	Farms reporting by -			
		Pounds sold		Number sold	
		Farms	1,000 pounds	Farms	Thousands
<b>CATFISH</b>					
<b>State Total</b>					
Hawaii ..... 2002	18				
1997	(NA)				
		12			
		11			
				35	
				54	
					7
					6
					(D)
<b>Counties, 2002</b>					
Hawaii .....	5				
Honolulu .....	10				
Kauai .....	1				
Maui .....	2				
		2			
		9			
		1			
				(D)	
				(D)	
				(D)	
					(D)
<b>TROUT</b>					
<b>State Total</b>					
Hawaii ..... 2002	1				
1997	(NA)				
		1			
				(D)	
					1
					(D)
<b>Counties, 2002</b>					
Hawaii .....	1				
		-			
				-	
				1	
					(D)
<b>OTHER FOOD FISH (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	24				
1997	(NA)				
		20			
		(NA)			
			506		
			(NA)		
				(NA)	
				4	
				(NA)	
<b>Counties, 2002</b>					
Hawaii .....	6				
Honolulu .....	15				
Kauai .....	3				
Maui .....					
		4			
		15			
		1			
			(D)		
			(D)		
			(D)		
				2	
				2	
				(D)	
<b>CRUSTACEANS (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	11				
1997	(NA)				
		10			
		(NA)			
			1,307		
			(NA)		
				(NA)	
				1	
				(D)	
<b>Counties, 2002</b>					
Hawaii .....	2				
Honolulu .....	6				
Kauai .....	1				
Maui .....	2				
		2			
		6			
		1			
			(D)		
			(D)		
			(D)		
				1	
				(D)	
<b>MOLLUSKS (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	3				
1997	(NA)				
		1			
		(NA)			
			(D)		
			(NA)		
				2	
				(NA)	
<b>Counties, 2002</b>					
Hawaii .....	1				
Honolulu .....	2				
		1			
			(D)		
				1	
				(D)	
<b>ORNAMENTAL FISH (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	15				
1997	(NA)				
		1			
		(NA)			
			(D)		
			(NA)		
				15	
				(NA)	
				808	
				(NA)	
<b>Counties, 2002</b>					
Hawaii .....	6				
Honolulu .....	7				
Kauai .....	1				
Maui .....	1				
		1			
			(D)		
				6	
				7	
				(D)	
				1	
				(D)	
<b>OTHER FISH (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	1				
1997	(NA)				
		1			
		(NA)			
			(D)		
			(NA)		
				1	
				(NA)	
<b>OTHER AQUACULTURE PRODUCTS (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii ..... 2002	12				
1997	(NA)				
		6			
		14			
			(X)		
				337	
				(X)	
				8	
				3	
				(D)	

--continued

**Table 21. Aquaculture Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Farms with aquaculture sold	Farms reporting by -			
		Pounds sold		Number sold	
		Farms	1,000 pounds	Farms	Thousands
<b>OTHER AQUACULTURE PRODUCTS (SEE TEXT) - Con.</b>					
<b>Counties, 2002</b>					
Hawaii .....		8 4	3 3	(D) (D)	6 2
Honolulu .....					(D)

**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold		
	Farms	Number	Farms	Number	
<b>BISON</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(NA) <sup>1</sup>	(D) (NA)	(NA)	(NA)
<b>Counties, 2002</b>					
Kauai .....		1	(D)	-	-
<b>DEER</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(NA) <sup>1</sup>	(D) (NA)	(NA)	(NA)
<b>Counties, 2002</b>					
Honolulu .....		1	(D)	-	-
<b>ELK</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(NA) <sup>1</sup>	(D) (NA)	(NA) <sup>1</sup>	(D) (NA)
<b>Counties, 2002</b>					
Maui .....		1	(D)	1	(D)
<b>GOATS, ALL</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	189 162	5,364 3,305	86 64	4,237 3,643
<b>Counties, 2002</b>					
Hawaii .....		66	1,650	24	453
Honolulu .....		16	590	5	(D)
Kauai .....		44	1,582	23	(D)
Maui .....		63	1,542	34	1,163
<b>MEAT AND OTHER GOATS (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	163 135	4,897 2,825	81 58	4,047 3,574
<b>Counties, 2002</b>					
Hawaii .....		54	1,504	22	(D)
Honolulu .....		15	(D)	5	(D)
Kauai .....		39	1,483	21	(D)
Maui .....		55	(D)	33	1,035
<b>LLAMAS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	(NA) <sup>4</sup>	(NA) <sup>21</sup>	(NA)	(NA)
<b>Counties, 2002</b>					
Hawaii .....		4	21	-	-
<b>MULES, BURROS, AND DONKEYS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	38	146	4 2	14 (D)
<b>Counties, 2002</b>					
Hawaii .....		11	50	4	14
Kauai .....		6	(D)	-	-
Maui .....		1	(D)	-	-
<b>RABBITS AND THEIR PELTS</b>					
<b>State Total</b>					
Hawaii .....	2002 1997	27	158	4	188
<b>Counties, 2002</b>					
Hawaii .....		4	(D)	-	-
Maui .....		1	(D)	-	-

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**Table 22. Miscellaneous Livestock and Animal Specialties - Inventory and Number Sold: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Inventory		Sold	
	Farms	Number	Farms	Number
<b>OTHER LIVESTOCK (SEE TEXT)</b>				
<b>State Total</b>				
Hawaii .....	2002	10 (NA)		
	1997			
<b>Counties, 2002</b>				
Hawaii .....		5 2 3 -		
Honolulu .....			(X) (X) (X)	
Kauai .....				4
Maui .....			(X)	1

**Table 23. Selected Crops Harvested: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Harvested cropland .....	farms acres	4,522 109,461	2,791 55,529	656 13,757	426 11,771
Irrigated .....	farms acres	2,174 58,691	885 8,391	535 12,486	309 11,269
Corn for grain .....	farms bushels acres	12 4,383 203,391	- - -	6 (D) (D)	6 1,075 116,597
Irrigated .....	farms acres	12 4,383	- -	6 (D) (D)	6 1,075 (D)
Farms by acres harvested:					
1 to 24 acres .....		2	-	1	1
25 to 99 acres .....		-	-	-	1
100 to 249 acres .....		-	-	-	2
250 to 499 acres .....		-	-	1	-
500 acres or more .....		-	-	1	2
500 to 999 acres .....		-	-	-	-
1,000 acres or more .....		1	-	-	1
Corn for silage or greenchop .....	farms tons farms acres	2 (D) (D) (D)	- - -	2 (D) (D) (D)	- - -
Irrigated .....					
Farms by acres harvested:					
1 to 24 acres .....		-	-	-	-
25 to 99 acres .....		-	-	-	-
100 to 249 acres .....		1	-	-	-
250 to 499 acres .....		1	-	-	-
500 acres or more .....		-	-	1	-
500 to 999 acres .....		-	-	-	-
1,000 acres or more .....		-	-	-	-
Soybeans for beans .....	farms bushels farms acres	1 (D) (D) (D)	- - -	- - -	1 (D) (D) (D)
Irrigated .....					
Farms by acres harvested:					
1 to 24 acres .....		1	-	-	1
25 to 99 acres .....		-	-	-	-
100 to 249 acres .....		-	-	-	-
250 to 499 acres .....		-	-	-	-
500 acres or more .....		-	-	-	-
500 to 999 acres .....		-	-	-	-
1,000 acres or more .....		-	-	-	-
Potatoes .....	farms acres cwt	11 6 4,542	3 (D) (D)	7 (D) (D)	1 (D) (D)
Irrigated .....	farms acres	1 (D)	- -	- -	- -
Farms by acres harvested:					
0.1 to 4.9 acres .....		11	3	7	1
5.0 to 24.9 acres .....		-	-	-	-
25.0 to 99.9 acres .....		-	-	-	-
100.0 to 249.9 acres .....		-	-	-	-
250.0 to 499.9 acres .....		-	-	-	-
500.0 acres or more .....		-	-	-	-
500.0 to 999.9 acres .....		-	-	-	-
1,000.0 acres or more .....		-	-	-	-
Sugarcane for sugar .....	farms tons farms acres	2 (D) (D) (D)	- - -	- - -	1 (D) (D) (D)
Irrigated .....					
Farms by acres harvested:					
1 to 24 acres .....		-	-	-	-
25 to 99 acres .....		-	-	-	-
100 to 249 acres .....		-	-	-	-
250 to 499 acres .....		-	-	-	-
500 acres or more .....		2	-	1	1
500 to 999 acres .....		-	-	1	1
1,000 acres or more .....		2	-	1	1
Pineapples harvested .....	farms acres tons	34 10,211 314,626	18 18 35	2 (D) (D)	7 (D) 147
Irrigated .....	farms acres	12 9,759	3 3	2 (D)	3 (D)
Farms by acres harvested:					
1 to 24 acres .....		30	18	-	7
25 to 99 acres .....		-	-	-	-
100 to 249 acres .....		-	-	-	-
250 acres or more .....		4	-	2	2
Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms acres tons, dry	14 1,112 2,261	3 249 (D)	4 363 499	3 (D) (D)
Irrigated .....	farms acres	7 243	1 (D)	2 (D)	3 (D)
Farms by acres harvested:					
1 to 24 acres .....		5	-	1	3
25 to 99 acres .....		5	3	-	1
100 to 249 acres .....		3	-	3	-
250 to 499 acres .....		1	-	-	1
500 acres or more .....		-	-	-	-
500 to 999 acres .....		-	-	-	-
1,000 acres or more .....		-	-	-	-

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**Table 23. Selected Crops Harvested: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Vegetables harvested for sale (see text) . . . . . farms acres	633 6,554	191 1,008	222 4,020	90 325	130 1,200
Farms by acres harvested:					
0.1 to 4.9 acres . . . . .	466	160	147	76	83
5.0 to 24.9 acres . . . . .	126	21	61	12	32
25.0 to 99.9 acres . . . . .	35	8	12	1	14
100.0 to 249.9 acres . . . . .	4	2	-	1	1
250.0 to 499.9 acres . . . . .	-	-	-	-	-
500.0 acres or more . . . . .	2	-	2	-	-
500.0 to 749.9 acres . . . . .	-	-	-	-	-
750.0 to 999.9 acres . . . . .	-	-	-	-	-
1,000.0 acres or more . . . . .	2	-	2	-	-
Land in orchards . . . . . farms acres	2,833 34,908	2,086 27,736	184 1,371	246 4,527	317 1,175
Irrigated . . . . . farms acres	810 12,090	357 6,171	133 880	140 4,242	180 798
Farms by bearing and nonbearing acres:					
0.1 to 4.9 acres . . . . .	1,944	1,307	142	217	278
5.0 to 24.9 acres . . . . .	760	677	35	23	25
25.0 to 99.9 acres . . . . .	99	80	2	4	13
100.0 to 249.9 acres . . . . .	20	14	5	-	1
250.0 to 499.9 acres . . . . .	2	1	-	1	-
500.0 acres or more . . . . .	8	7	-	1	-
500.0 to 749.9 acres . . . . .	1	1	-	-	-
750.0 to 999.9 acres . . . . .	2	2	-	-	-
1,000.0 acres or more . . . . .	5	4	-	1	-

**Table 24. Grains - Corn, Sorghum, Wheat, and Other Field Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>CORN FOR GRAIN (BUSHELS)</b>										
<b>State Total</b>										
Hawaii .....	12	4,383	203,391	12	4,383	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Honolulu .....	3	1,075 (D)	116,597 (D)	3	1,075 (D)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)	(NA) (NA) (NA)
Kauai .....	6									
Maui .....	3									

**Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>SOYBEANS FOR BEANS (BUSHELS)</b>										
<b>State Total</b>										
Hawaii .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Kauai .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>POTATOES (CWT)</b>										
<b>State Total</b>										
Hawaii .....	11	6	4,542	1	(D)	7	(D)	(D)	5	(D)
<b>Counties</b>										
Hawaii .....	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SWEET POTATOES (CWT)</b>										
<b>State Total</b>										
Hawaii .....	59	294	16,357	16	165	53	217	25,786	30	171
<b>Counties</b>										
Hawaii .....	40	124	(D)	1	(D)	24	60	7,088	4	(D)
Honolulu .....	6	9	98	5	(D)	10	14	927	10	(D)
Kauai .....	8	8	327	5	(D)	9	13	582	7	(D)
Maui .....	5	152	(D)	5	152	10	129	17,186	9	127
<b>SUGARCANE FOR SEED (TONS)</b>										
<b>State Total</b>										
Hawaii .....	3	(D)	(D)	2	(D)	4	(D)	(D)	3	(D)
<b>Counties</b>										
Honolulu .....	1	(D)	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	1	(D)	(D)	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
<b>SUGARCANE FOR SUGAR (TONS)</b>										
<b>State Total</b>										
Hawaii .....	2	(D)	(D)	2	(D)	13	31,483	2,873,712	10	29,494
<b>Counties</b>										
Kauai .....	1	(D)	(D)	1	(D)	2	(D)	(D)	2	(D)
Maui .....	1	(D)	(D)	1	(D)	4	(D)	(D)	4	(D)
<b>SUGARCANE NOT HARVESTED</b>										
<b>State Total</b>										
Hawaii .....	4	(D)	(X)	2	(D)	8	34,755	(X)	7	31,624
<b>Counties</b>										
Hawaii .....	2	(D)	(X)	-	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Kauai .....	1	(D)	(X)	1	(D)	(NA)	(D)	(X)	(NA)	(D)
Maui .....	1	(D)	(X)	-	-	(NA)	(NA)	(X)	(NA)	(NA)

**Table 26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>HAY - ALL HAY INCLUDING ALFALFA, OTHER TAME, SMALL GRAIN, AND WILD (TONS, DRY) (SEE TEXT)</b>										
<b>State Total</b>										
Hawaii .....	9	820	1,658	4	108	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Hawaii .....	1	(D) 250	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu .....	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	2	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	3	(D)	(D)			(NA)	(NA)	(NA)	(NA)	(NA)
<b>ALFALFA HAY (TONS, DRY)</b>										
<b>State Total</b>										
Hawaii .....	2	(D)	(D)	2	(D)	2	(D)	(D)	2	(D)
<b>Counties</b>										
Kauai .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	1	(D)	(D)			(NA)	(D)	(NA)	(NA)	(NA)
<b>OTHER TAME HAY (TONS, DRY)</b>										
<b>State Total</b>										
Hawaii .....	7	(D)	(D)	2	(D)	2	(D)	(D)	-	-
<b>Counties</b>										
Hawaii .....	1	(D) 250	(D)	1	(D)	1	(D)	(D)	-	-
Honolulu .....	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	2	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	2	(D)	(D)			(NA)	(NA)	(NA)	(NA)	(NA)
<b>ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, GREEN) (SEE TEXT)</b>										
<b>State Total</b>										
Hawaii .....	5	292	1,220	3	(D)	7	644	(D)	4	(D)
<b>Counties</b>										
Hawaii .....	2	(D)	(D)	1	(D)	4	(D)	(D)	1	(D)
Honolulu .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	1	(D)	(D)			(NA)	(NA)	(NA)	(NA)	(NA)
<b>FORAGE - LAND USED FOR ALL HAY AND ALL HAYLAGE, GRASS SILAGE, AND GREENCHOP (TONS, DRY EQUIVALENT) (SEE TEXT)</b>										
<b>State Total</b>										
Hawaii .....	14	1,112	2,261	7	243	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Hawaii .....	3	249	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu .....	4	363	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Kauai .....	3	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui .....	4	(D)	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>CORN FOR SILAGE OR GREENCHOP (TONS)</b>										
<b>State Total</b>										
Hawaii .....	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)
<b>Counties</b>										
Honolulu .....	2	(D)	(D)	2	(D)	1	(D)	(D)	1	(D)

**Table 27. Other Field and Forage Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002					1997				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
<b>GINGER ROOT (POUNDS)</b>										
<b>State Total</b>										
Hawaii .....	72	185	5,330,284	16	37	154	(D)	(D)	37	(D)
<b>Counties</b>										
Hawaii .....	59 <sup>4</sup>	165 <sup>(D)</sup>	4,848,145 <sup>(D)</sup>	5 <sup>3</sup>	19 <sup>(D)</sup>	129 <sup>10</sup>	250 <sup>9</sup>	8,192,737 <sup>83,000</sup>	13 <sup>10</sup>	21 <sup>9</sup>
Honolulu .....	8 <sup>1</sup>	11 <sup>(D)</sup>	(D)	7 <sup>1</sup>	10 <sup>(D)</sup>	8 <sup>7</sup>	11 <sup>(D)</sup>	300,831 <sup>(D)</sup>	7 <sup>7</sup>	11 <sup>(D)</sup>
Kauai .....										
Maui .....										
<b>HERBS, DRIED (POUNDS)</b>										
<b>State Total</b>										
Hawaii .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>										
Maui .....	1	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>LOTUS ROOT (POUNDS)</b>										
<b>State Total</b>										
Hawaii .....	2	(D)	(D)	1	(D)	4	12	(D)	4	12
<b>Counties</b>										
Honolulu .....	2	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
<b>PINEAPPLES HARVESTED (TONS)</b>										
<b>State Total</b>										
Hawaii .....	34	10,211	314,626	12	9,759	27	12,992	348,428	16	12,109
<b>Counties</b>										
Hawaii .....	18 <sup>2</sup>	18 <sup>(D)</sup>	35 <sup>(D)</sup>	3 <sup>2</sup>	3 <sup>(D)</sup>	10 <sup>2</sup>	12 <sup>(D)</sup>	27 <sup>(D)</sup>	4 <sup>2</sup>	5 <sup>(D)</sup>
Honolulu .....	7	(D)	147 <sup>(D)</sup>	3 <sup>4</sup>	(D)	6 <sup>9</sup>	10 <sup>(D)</sup>	86 <sup>(D)</sup>	4 <sup>6</sup>	7 <sup>(D)</sup>
Kauai .....										
Maui .....										
<b>PINEAPPLES NOT HARVESTED</b>										
<b>State Total</b>										
Hawaii .....	19	6,978	(X)	7	(D)	12	(D)	(X)	10	(D)
<b>Counties</b>										
Hawaii .....	9 <sup>2</sup>	9 <sup>(D)</sup>	(X)	2 <sup>3</sup>	(D)	6 <sup>(NA)</sup>	8 <sup>(NA)</sup>	(X)	4 <sup>(NA)</sup>	5 <sup>(NA)</sup>
Honolulu .....	4 <sup>4</sup>	4 <sup>(D)</sup>	(X)	3 <sup>2</sup>	(D)	(NA) <sup>3</sup>	(NA) <sup>(D)</sup>	(X)	(NA) <sup>3</sup>	(NA) <sup>(D)</sup>
Kauai .....										
Maui .....										
<b>TARO (POUNDS)</b>										
<b>State Total</b>										
Hawaii .....	173	568	4,506,094	107	449	248	605	6,495,765	181	(D)
<b>Counties</b>										
Hawaii .....	45 <sup>23</sup>	120 <sup>87</sup>	537,975 <sup>1,023,873</sup>	15 <sup>14</sup>	59 <sup>79</sup>	94 <sup>39</sup>	179 <sup>79</sup>	1,642,530 <sup>691,857</sup>	38 <sup>37</sup>	88 <sup>(D)</sup>
Honolulu .....	65 <sup>65</sup>	244 <sup>117</sup>	2,375,999 <sup>568,247</sup>	54 <sup>24</sup>	223 <sup>88</sup>	75 <sup>40</sup>	252 <sup>94</sup>	3,319,936 <sup>841,442</sup>	71 <sup>35</sup>	249 <sup>89</sup>
Kauai .....										
Maui .....										
<b>OTHER CROPS (SEE TEXT)</b>										
<b>State Total</b>										
Hawaii .....	45	416	(X)	22	218	32	2,709	(X)	23	2,683
<b>Counties</b>										
Hawaii .....	26 <sup>7</sup>	201 <sup>38</sup>	(X)	11 <sup>4</sup>	29 <sup>(D)</sup>	13 <sup>6</sup>	27 <sup>(D)</sup>	(X)	5 <sup>6</sup>	6 <sup>(D)</sup>
Honolulu .....	6 <sup>6</sup>	161 <sup>16</sup>	(X)	2 <sup>2</sup>	158 <sup>(D)</sup>	5 <sup>5</sup>	1,762 <sup>(D)</sup>	(X)	5 <sup>5</sup>	1,782 <sup>(D)</sup>
Kauai .....										
Maui .....										

**Table 28. Land Used For Vegetables and Vegetables Harvested For Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002						1997					
	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)	Land used for vegetables (see text)				Vegetables harvested (see text) (acres)		
	Harvested		Irrigated			Harvested		Irrigated				
	Farms	Acres	Farms	Acres		Farms	Acres	Farms	Acres			
<b>STATE TOTAL</b>												
Hawaii .....	633	5,824	417	5,038	6,554	657	5,524	526	4,984	6,549		
<b>COUNTIES</b>												
Hawaii .....	191	860	80	522	1,008	195	1,149	111	723	1,689		
Honolulu .....	222	3,653	175	3,452	4,020	239	2,758	214	2,674	2,982		
Kauai .....	90	309	62	250	325	67	128	57	111	135		
Maui .....	130	1,002	100	814	1,200	156	1,489	144	1,476	1,742		

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>VEGETABLES HARVESTED FOR SALE (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	633	6,554	6	19	657	6,549
<b>Counties</b>						
Hawaii .....	191	1,008	1	(D) 6	195	1,689
Honolulu .....	222	4,020	3	-	239	2,982
Kauai .....	90	325	2	(D)	67	135
Maui .....	130	1,200	-	-	156	1,742
<b>ARTICHOKEs</b>						
<b>State Total</b>						
Hawaii .....	2	(D)	-	-	2	(D)
<b>Counties</b>						
Hawaii .....	2	(D)	-	-	2	(D)
<b>ASPARAGUS</b>						
<b>State Total</b>						
Hawaii .....	16	81	-	-	7	8
<b>Counties</b>						
Hawaii .....	8	(D) 7	-	-	1	(D) (NA)
Honolulu .....	2	(D) (D)	-	-	(NA)	(NA)
Kauai .....	3	(D)	-	-	6	(D)
Maui .....	3	(D)	-	-	-	-
<b>GREEN LIMA BEANS</b>						
<b>State Total</b>						
Hawaii .....	4	2	-	-	(NA)	(NA)
<b>Counties</b>						
Honolulu .....	2	(D)	-	-	(NA)	(NA)
Kauai .....	1	(D)	-	-	(NA)	(NA)
Maui .....	1	(D)	-	-	(NA)	(NA)
<b>SNAP BEANS</b>						
<b>State Total</b>						
Hawaii .....	129	208	-	-	159	151
<b>Counties</b>						
Hawaii .....	48	27	-	-	54	48
Honolulu .....	32	120	-	-	54	60
Kauai .....	28	9	-	-	23	6
Maui .....	21	52	-	-	28	37
<b>BEETS</b>						
<b>State Total</b>						
Hawaii .....	18	3	-	-	1	(D)
<b>Counties</b>						
Hawaii .....	5	(D) 2	-	-	(NA)	(D)
Honolulu .....	5	(D)	-	-	(NA)	(NA)
Kauai .....	3	(Z)	-	-	(NA)	(NA)
Maui .....	3	(D)	-	-	-	-
<b>BROCCOLI</b>						
<b>State Total</b>						
Hawaii .....	23	153	-	-	24	140
<b>Counties</b>						
Hawaii .....	11	61	-	-	12	105
Honolulu .....	1	(D) 3	-	-	(NA) 6	(NA) 34
Kauai .....	4	(D)	-	-	-	-
Maui .....	7	(D)	-	-	-	-
<b>CHINESE CABBAGE</b>						
<b>State Total</b>						
Hawaii .....	40	268	-	-	50	484

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>CHINESE CABBAGE - Con.</b>						
<b>Counties</b>						
Hawaii	10					
Honolulu	20	102				
Kauai	1	(D)				
Maui	9					
<b>HEAD CABBAGE</b>						
<b>State Total</b>						
Hawaii	37	597			44	712
<b>Counties</b>						
Hawaii	15					
Honolulu	5	(D)				
Kauai	2	(D)				
Maui	15	187				
<b>MUSTARD CABBAGE</b>						
<b>State Total</b>						
Hawaii	23	64			41	196
<b>Counties</b>						
Hawaii	5					
Honolulu	13	16				
Kauai	4	44				
Maui	1	(D)				
<b>CANTALOUPS</b>						
<b>State Total</b>						
Hawaii	2	(D)			1	(D)
<b>Counties</b>						
Hawaii	1	(D)				
Honolulu	1	(D)				
<b>CARROTS</b>						
<b>State Total</b>						
Hawaii	8	2			10	13
<b>Counties</b>						
Hawaii	8	2			5	12
<b>CAULIFLOWER</b>						
<b>State Total</b>						
Hawaii	7	18			6	15
<b>Counties</b>						
Hawaii	2	(D)				
Kauai	1	(D)				
Maui	4	(D)				
<b>CELERY</b>						
<b>State Total</b>						
Hawaii	6	46			11	80
<b>Counties</b>						
Hawaii	4	(D)				
Maui	2	(D)				
<b>COLLARDS</b>						
<b>State Total</b>						
Hawaii	1	(D)				
<b>Counties</b>						
Hawaii	1	(D)				
<b>CUCUMBERS AND PICKLES</b>						
<b>State Total</b>						
Hawaii	73	378			119	479

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>CUCUMBERS AND PICKLES - Con.</b>						
<b>Counties</b>						
Hawaii	26	38	-	-	33	34
Honolulu	22	117	-	-	55	268
Kauai	19	(D)	-	-	15	13
Maui	6	(D)	-	-	15	164
<b>DAIKON</b>						
<b>State Total</b>						
Hawaii	39	169	-	-	63	198
<b>Counties</b>						
Hawaii	13	142	-	-	10	91
Honolulu	13	20	-	-	32	79
Kauai	6	2	-	-	10	2
Maui	7	5	-	-	11	27
<b>EGGPLANT</b>						
<b>State Total</b>						
Hawaii	143	163	1	(D)	156	145
<b>Counties</b>						
Hawaii	42	26	1	(D)	38	40
Honolulu	46	107	-	-	63	78
Kauai	34	13	-	-	32	9
Maui	21	19	-	-	23	19
<b>GARLIC</b>						
<b>State Total</b>						
Hawaii	2	(D)	-	-	(NA)	(NA)
<b>Counties</b>						
Honolulu	2	(D)	-	-	(NA)	(NA)
<b>HERBS, FRESH CUT (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii	90	221	-	-	85	127
<b>Counties</b>						
Hawaii	20	11	-	-	19	17
Honolulu	38	164	-	-	27	65
Kauai	14	6	-	-	16	6
Maui	18	41	-	-	23	39
<b>HONEYDEW MELONS</b>						
<b>State Total</b>						
Hawaii	2	(D)	-	-	2	(D)
<b>Counties</b>						
Honolulu	1	(D)	-	-	(NA)	(NA)
Maui	1	(D)	-	-	(NA)	(NA)
<b>KALE</b>						
<b>State Total</b>						
Hawaii	5	6	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii	1	(D)	-	-	(NA)	(NA)
Honolulu	2	(D)	-	-	(NA)	(NA)
Kauai	1	(D)	-	-	(NA)	(NA)
Maui	1	(D)	-	-	(NA)	(NA)
<b>LETTUCE, ALL</b>						
<b>State Total</b>						
Hawaii	96	354	-	-	107	458
<b>Counties</b>						
Hawaii	43	181	-	-	43	239
Honolulu	19	76	-	-	11	49
Kauai	16	30	-	-	22	17
Maui	18	67	-	-	31	153

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>LETTUCE, HEAD</b>						
<b>State Total</b>						
Hawaii .....	14	32	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii .....	7	26	-	-	(NA)	(NA)
Honolulu .....	1	(D)	-	-	(NA)	(NA)
Kauai .....	4	(D)	-	-	(NA)	(NA)
Maui .....	2	(D)	-	-	(NA)	(NA)
<b>LETTUCE, LEAF</b>						
<b>State Total</b>						
Hawaii .....	87	203	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii .....	40	116	-	-	(NA)	(NA)
Honolulu .....	19	(D)	-	-	(NA)	(NA)
Kauai .....	13	20	-	-	(NA)	(NA)
Maui .....	15	(D)	-	-	(NA)	(NA)
<b>LETTUCE, ROMAINE</b>						
<b>State Total</b>						
Hawaii .....	28	118	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii .....	11	39	-	-	(NA)	(NA)
Honolulu .....	4	(D)	-	-	(NA)	(NA)
Kauai .....	4	(D)	-	-	(NA)	(NA)
Maui .....	9	(D)	-	-	(NA)	(NA)
<b>MUSTARD GREENS</b>						
<b>State Total</b>						
Hawaii .....	15	(D)	-	-	1	(D)
<b>Counties</b>						
Hawaii .....	9	16	-	-	(NA)	(NA)
Honolulu .....	3	(D)	-	-	(NA)	(NA)
Maui .....	3	(D)	-	-	(NA)	(NA)
<b>OKRA</b>						
<b>State Total</b>						
Hawaii .....	45	(D)	-	-	18	14
<b>Counties</b>						
Hawaii .....	5	2	-	-	(NA)	(NA)
Honolulu .....	26	(D)	-	-	13	(D)
Kauai .....	9	(D)	-	-	3	(D)
Maui .....	5	(D)	-	-	3	(D)
<b>DRY ONIONS</b>						
<b>State Total</b>						
Hawaii .....	44	400	-	-	63	244
<b>Counties</b>						
Hawaii .....	2	(D)	-	-	5	(D)
Honolulu .....	1	(D)	-	-	3	(D)
Kauai .....	3	(D)	-	-	1	234
Maui .....	38	(D)	-	-	54	
<b>GREEN ONIONS</b>						
<b>State Total</b>						
Hawaii .....	63	130	-	-	83	166
<b>Counties</b>						
Hawaii .....	15	11	-	-	19	21
Honolulu .....	30	102	-	-	37	121
Kauai .....	8	(D)	-	-	7	23
Maui .....	10	14	-	-	20	
<b>PARSLEY</b>						
<b>State Total</b>						
Hawaii .....	30	40	-	-	45	36

--continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres	Farms	Acres
<b>PARSLEY - Con.</b>						
<b>Counties</b>						
Hawaii	18	5	(D)	-	12	9
Honolulu	2	(D)	-	-	18	14
Kauai	4	(D)	-	-	8	1
Maui					9	12
<b>PEAS, CHINESE (SUGAR AND SNOW)</b>						
<b>State Total</b>						
Hawaii	7	2	-	-	24	6
<b>Counties</b>						
Hawaii	2	(D)	-	-	7	1
Kauai	1	(D)	-	-	6	1
Maui					11	5
<b>PEPPERS, BELL (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii	14	(D)	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii	4	(D)	-	-	(NA)	(NA)
Honolulu	4	(D)	-	-	(NA)	(NA)
Kauai	4	(D)	-	-	(NA)	(NA)
Maui	2	(D)	-	-	(NA)	(NA)
<b>PEPPERS, CHILE (ALL PEPPERS - EXCLUDING BELL) (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii	19	23	-	-	(NA)	(NA)
<b>Counties</b>						
Hawaii	9	(D)	-	-	(NA)	(NA)
Honolulu	1	(D)	-	-	(NA)	(NA)
Kauai	1	(D)	-	-	(NA)	(NA)
Maui	2	(D)	-	-	(NA)	(NA)
<b>PUMPKINS</b>						
<b>State Total</b>						
Hawaii	32	164	-	-	32	44
<b>Counties</b>						
Hawaii	9	(D)	-	-	5	3
Honolulu	11	(D)	-	-	18	38
Kauai	7	(D)	-	-	5	1
Maui	5	(D)	-	-	4	2
<b>RADISHES</b>						
<b>State Total</b>						
Hawaii	11	18	-	-	24	80
<b>Counties</b>						
Hawaii	1	(D)	-	-	13	39
Honolulu	5	(D)	-	-	25	35
Kauai	4	(D)	-	-	3	(D)
Maui	1	(D)	-	-	3	
<b>SPINACH</b>						
<b>State Total</b>						
Hawaii	19	13	-	-	25	19
<b>Counties</b>						
Hawaii	12	(D)	-	-	14	11
Honolulu	5	(D)	-	-	6	(D)
Kauai	1	(D)	-	-	4	4
Maui	1	(D)	-	-	4	
<b>SQUASH</b>						
<b>State Total</b>						
Hawaii	56	185	-	-	75	183
<b>Counties</b>						
Hawaii	13	7	-	-	18	46
Honolulu	22	110	-	-	35	90

-continued

**Table 29. Vegetables and Melons Harvested for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997 Harvested	
	Harvested		Harvested for processing		Farms	Acres
	Farms	Acres	Farms	Acres		
<b>SQUASH - Con.</b>						
<b>Counties - Con.</b>						
Kauai	10	9	-	-	4	1
Maui	11	59	-	-	18	45
<b>SWEET CORN</b>						
<b>State Total</b>						
Hawaii	80	503	-	-	94	423
<b>Counties</b>						
Hawaii	22	55	-	-	33	79
Honolulu	20	300	-	-	19	225
Kauai	17	119	-	-	12	35
Maui	21	29	-	-	30	84
<b>TOMATOES</b>						
<b>State Total</b>						
Hawaii	72	664	-	-	74	388
<b>Counties</b>						
Hawaii	12	33	-	-	19	23
Honolulu	28	(D)	-	-	25	18
Kauai	15	17	-	-	16	(D)
Maui	17	(D)	-	-	17	(D)
<b>TURNIPS</b>						
<b>State Total</b>						
Hawaii	9	13	-	-	2	(D)
<b>Counties</b>						
Hawaii	2	(D)	-	-	1	(D)
Honolulu	4	11	-	-	(NA)	(NA)
Kauai	2	(D)	-	-	(NA)	(NA)
Maui	1	(D)	-	-	(NA)	(D)
<b>VEGETABLES, MIXED</b>						
<b>State Total</b>						
Hawaii	1	(D)	-	-	3	3
<b>Counties</b>						
Hawaii	1	(D)	-	-	3	3
<b>VEGETABLES, OTHER</b>						
<b>State Total</b>						
Hawaii	161	454	5	(D)	201	536
<b>Counties</b>						
Hawaii	41	68	-	-	46	72
Honolulu	73	319	3	6	120	415
Kauai	23	(D)	2	(D)	10	8
Maui	24	(D)	-	-	25	41
<b>WATERCRESS</b>						
<b>State Total</b>						
Hawaii	19	33	-	-	16	34
<b>Counties</b>						
Hawaii	3	(D)	-	-	(NA)	(NA)
Honolulu	12	27	-	-	12	32
Kauai	1	(D)	-	-	(NA)	(NA)
Maui	3	(D)	-	-	(NA)	(NA)
<b>WATERMELONS</b>						
<b>State Total</b>						
Hawaii	14	631	-	-	15	(D)
<b>Counties</b>						
Hawaii	3	603	-	-	2	(D)
Honolulu	5	24	-	-	4	14
Kauai	3	2	-	-	5	4
Maui	3	-	-	-	4	4

**Table 30. Land in Orchards: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>LAND IN ORCHARDS</b>								
<b>State Total</b>								
Hawaii .....	2,833	34,908	810	12,090	2,786	37,906	777	14,328
<b>Counties</b>								
Hawaii .....	2,086	27,736	357	6,171	2,102	27,900	318	5,182
Honolulu .....	184	1,371	133	880	240	1,066	176	1,696
Kauai .....	246	4,527	140	4,242	176	5,053	114	4,846
Maui .....	317	1,275	180	798	268	2,988	169	2,604

**Table 31. Fruits and Nuts: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>APPLES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	2 (NA)	(D) (NA)	2 (NA)	(D) (NA)	1 (NA)
<b>Counties, 2002</b>						
Hawaii .....		1 1	(D) (D)	1 1	(D) (D)	1 -
<b>AVOCADOS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	601 519	628 576	488 (NA)	(D) (NA)	211 (NA)
<b>Counties, 2002</b>						
Hawaii .....		320 29	(D) 49	261 24	301 33	111 9
Honolulu .....		112 140	(D) 104	87 116	(D) 81	40 51
Kauai .....						
Maui .....						
<b>BANANAS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	677 733	1,844 2,114	585 (NA)	1,632 (NA)	184 (NA)
<b>Counties, 2002</b>						
Hawaii .....		248 126	947 (D)	212 115	903 (D)	54 50
Honolulu .....		143 160	(D) 178	120 140	(D) 138	45 45
Kauai .....						
Maui .....						
<b>COFFEE</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	1,202 1,057	7,986 8,020	1,123 (NA)	6,568 (NA)	375 (NA)
<b>Counties, 2002</b>						
Hawaii .....		1,130 7	(D) (D)	1,061 7	(D) (D)	350 3
Honolulu .....		12 53	(D) 251	10 45	(D) 240	4 18
Kauai .....						
Maui .....						
<b>GRAPES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	6 (NA)	41 (NA)	5 (NA)	22 (NA)	4 (NA)
<b>Counties, 2002</b>						
Hawaii .....		3 2	(D) (D)	2 1	(D) (D)	3 1
Kauai .....		1				
Maui .....						
<b>GUAVAS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	110 238	671 999	94 (NA)	602 (NA)	24 (NA)
<b>Counties, 2002</b>						
Hawaii .....		86 5	(D) (D)	75 4	(D) (D)	17 2
Honolulu .....		8 11	(D) 8	7 8	(D) (D)	2 3
Kauai .....						
Maui .....						
<b>MANGOES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	212 171	(D) (D)	156 (NA)	(D) (NA)	96 (NA)
<b>Counties, 2002</b>						
Hawaii .....		79 26	81 (D)	52 35	42 110	39 14
Honolulu .....		64 43	119 173	52 37	(D) 71	23 20
Kauai .....						
Maui .....						

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>PAPAYAS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	393 512	2,837 (D)	352 (NA)	2,090 (NA)	153 (NA)
<b>Counties, 2002</b>						
Hawaii .....		217	2,377	199	1,759	90
Honolulu .....		41	204	32	185	24
Kauai .....		52	76	48	57	13
Maui .....		83	180	73	109	26
<b>PASSION FRUIT</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	42 76	11 17	29 (NA)	6 (NA)	15 (NA)
<b>Counties, 2002</b>						
Hawaii .....		20	6	13	3	8
Honolulu .....		1	(D)	-	(D)	1
Kauai .....		7	1	6	(D)	1
Maui .....		14	(D)	10	(D)	5
<b>PERSIMMONS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	19 19	(D) 19	16 (NA)	(D) (NA)	4 (NA)
<b>Counties, 2002</b>						
Hawaii .....		4	(D)	2	(D)	2
Kauai .....		2	(D)	1	(D)	1
Maui .....		13	21	13	(D)	(D)
<b>PLUMS AND PRUNES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	5 17	8 10	4 (NA)	(D) (NA)	2 (NA)
<b>Counties, 2002</b>						
Hawaii .....		4	(D)	4	(D)	1
Maui .....		1	(D)	-	-	(D)
<b>POMEGRANATES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	1 (NA)	(D) (NA)	-	(NA)	1 (NA)
<b>Counties, 2002</b>						
Maui .....		1	(D)	-	-	1
<b>OTHER NONCITRUS FRUIT (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	366 72	1,246 341	259 (NA)	713 (NA)	201 (NA)
<b>Counties, 2002</b>						
Hawaii .....		214	922	152	510	126
Honolulu .....		26	63	18	27	12
Kauai .....		64	147	44	105	37
Maui .....		62	115	45	72	26
<b>CITRUS FRUIT, ALL</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	474 396	641 651	369 (NA)	424 (NA)	164 (NA)
<b>Counties, 2002</b>						
Hawaii .....		205	313	161	263	65
Honolulu .....		35	142	26	(D)	13
Kauai .....		114	73	89	(D)	40
Maui .....		120	112	93	74	46

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>GRAPEFRUIT</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	77 29	105 88	59 (NA)	(D) (NA)	26 (NA)
<b>Counties, 2002</b>						
Hawaii .....		24 4	(D)	15	3	10 (D)
Honolulu .....		26 23	(D)	21	(D)	7 1
Kauai .....						
Maui .....						
<b>KUMQUATS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	2 (NA)	(D) (NA)	2 (NA)	(D) (NA)	(NA) (NA)
<b>Counties, 2002</b>						
Hawaii .....		1 1	(D) (D)	1	(D) (D)	- -
Honolulu .....						
<b>LEMONS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	122 31	40 (D)	89 (NA)	(D) (NA)	50 (NA)
<b>Counties, 2002</b>						
Hawaii .....		40 6	15 2	32 4	9 (D) 5	14 3 13 20
Honolulu .....		31 7	17	22 31	11	
Kauai .....						
Maui .....						
<b>LIMES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	171 204	(D) (D)	137 (NA)	(D) (NA)	50 (NA)
<b>Counties, 2002</b>						
Hawaii .....		64 15	68 (D) 14	53 11	60 (D) 9	13 7 14 16
Honolulu .....		46 46	19	39 34	12	
Kauai .....						
Maui .....						
<b>ORANGES, ALL (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	259 247	237 248	206 (NA)	192 (NA)	80 (NA)
<b>Counties, 2002</b>						
Hawaii .....		111 15	145 (D) (D)	87 11	133 12 14	32 5 18 25
Honolulu .....		64 69	(D)	51 57	32	
Kauai .....						
Maui .....						
<b>VALENCIA ORANGES (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	70 (NA)	119 (NA)	50 (NA)	101 (NA)	29 (NA)
<b>Counties, 2002</b>						
Hawaii .....		26 5	(D) (D)	20 -	(D) (D)	8 (D)
Honolulu .....		19 20	(D)	12 18	(D) (D)	8 (D)
Kauai .....						
Maui .....						
<b>OTHER ORANGES (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	203 (NA)	118 (NA)	165 (NA)	91 (NA)	60 (NA)
<b>Counties, 2002</b>						
Hawaii .....		90 12	(D) (D)	71 11	(D) (D)	26 12 21
Honolulu .....		47 54	16 36	39 44	(D) (D)	
Kauai .....						
Maui .....						

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**Table 31. Fruits and Nuts: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total		Bearing acres		Nonbearing acres	
	Farms	Acres	Farms	Number	Farms	Number
<b>TANGELOS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	64 10	29 17	49 (NA)	(D) (NA)	22 (NA)
<b>Counties, 2002</b>						
Hawaii .....		30	19	25	(D)	9
Kauai .....		19	5	13	(D)	7
Maui .....		15		11	4	6
<b>TANGERINES</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	131 (NA)	75 (NA)	101 (NA)	51 (NA)	50 (NA)
<b>Counties, 2002</b>						
Hawaii .....		68	48	53	31	23
Honolulu .....		12	10	8	9	5
Kauai .....		26	9	23	6	8
Maui .....		25	9	17	5	14
<b>OTHER CITRUS FRUIT</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	71 11	(D) 7	46 (NA)	(D) (NA)	27 (NA)
<b>Counties, 2002</b>						
Hawaii .....		24	14	11	8	13
Honolulu .....		10	(D) 10	9	(D)	5
Kauai .....		20	9	15		7
Maui .....		17		11		
<b>MACADAMIA NUTS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	900 1,153	18,469 20,571	841 (NA)	17,772 (NA)	200 (NA)
<b>Counties, 2002</b>						
Hawaii .....		823	18,301	771	17,621	181
Honolulu .....		6	34	6	(D)	2
Kauai .....		29	57	24	(D)	11
Maui .....		42	77	40	73	6
<b>OTHER NUTS</b>						
<b>State Total</b>						
Hawaii .....	2002 1997	64 15	85 26	35 (NA)	30 (NA)	38 (NA)
<b>Counties, 2002</b>						
Hawaii .....		20	33	7	4	16
Honolulu .....		5	4	1	(D)	4
Kauai .....		19	24	12	(D)	9
Maui .....		20	24	15	15	10

**Table 32. Berries - Harvested for Sale and Irrigated: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002				1997			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
<b>BERRIES, ALL</b>								
<b>State Total</b>								
Hawaii .....	3	11	1	(D)	(NA)	(NA)	(NA)	(NA)
<b>Counties</b>								
Maui .....	3	11	1	(D)	(NA)	(NA)	(NA)	(NA)

**Table 33. Berries Harvested for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002		1997	
	Farms	Acres	Farms	Acres
<b>STRAWBERRIES</b>				
<b>State Total</b>				
Hawaii .....	3	11	(NA)	(NA)
<b>Counties</b>				
Maui .....	3	11	(NA)	(NA)

**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>NURSERY, GREENHOUSE, FLORICULTURE, AQUATIC PLANTS, MUSHROOMS, FLOWER SEEDS, VEGETABLE SEEDS, AND SOD HARVESTED, TOTAL (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	1,425	31,162,601	4,193	(NA)	(NA)	(NA)
<b>Counties</b>						
Hawaii .....	656	25,656,494	2,446	(NA)	(NA)	(NA)
Honolulu .....	344	4,090,434	808	(NA)	(NA)	(NA)
Kauai .....	146	451,434	224	(NA)	(NA)	(NA)
Maui .....	279	964,239	714	(NA)	(NA)	(NA)
<b>NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD HARVESTED, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii .....	586	(X)	1,851	632	(X)	1,684
<b>Counties</b>						
Hawaii .....	200	(X)	696	212	(X)	552
Honolulu .....	181	(X)	532	211	(X)	554
Kauai .....	64	(X)	124	57	(X)	128
Maui .....	141	(X)	500	152	(X)	451
<b>FLORICULTURE CROPS - BEDDING/GARDEN PLANTS, CUT FLOWERS AND CUT FLORIST GREENS, FOLIAGE PLANTS, AND POTTED FLOWERING PLANTS, TOTAL</b>						
<b>State Total</b>						
Hawaii .....	1,117	28,837,733	2,913	(NA)	20,412,978	2,691
<b>Counties</b>						
Hawaii .....	527	24,425,865	1,833	(NA)	15,807,789	1,635
Honolulu .....	269	3,446,415	398	(NA)	3,640,841	430
Kauai .....	109	296,278	127	(NA)	268,762	110
Maui .....	212	669,175	556	(NA)	695,586	516
<b>BEDDING/GARDEN PLANTS</b>						
<b>State Total</b>						
Hawaii .....	64	151,367	58	(NA)	(D)	44
<b>Counties</b>						
Hawaii .....	19	18,383	20	(NA)	(D)	13
Honolulu .....	22	43,716	22	(NA)	(D)	24
Kauai .....	11	(D)	12	(NA)	(D)	2
Maui .....	12	(D)	4	(NA)	24,320	6
<b>CUT FLOWERS AND CUT FLORIST GREENS</b>						
<b>State Total</b>						
Hawaii .....	718	10,391,404	1,414	(NA)	12,156,614	1,551
<b>Counties</b>						
Hawaii .....	339	9,549,583	556	(NA)	10,171,196	705
Honolulu .....	146	621,649	257	(NA)	1,515,384	298
Kauai .....	79	72,977	92	(NA)	140,344	98
Maui .....	154	147,195	509	(NA)	329,690	451
<b>FOLIAGE PLANTS</b>						
<b>State Total</b>						
Hawaii .....	229	12,574,852	1,346	(NA)	4,831,902	1,020
<b>Counties</b>						
Hawaii .....	116	11,359,928	1,224	(NA)	4,152,280	891
Honolulu .....	54	977,385	67	(NA)	581,772	77
Kauai .....	27	(D)	18	(NA)	13,450	8
Maui .....	32	(D)	36	(NA)	84,400	44
<b>POTTED FLOWERING PLANTS</b>						
<b>State Total</b>						
Hawaii .....	284	5,720,110	95	(NA)	(D)	76
<b>Counties</b>						
Hawaii .....	144	3,497,971	34	(NA)	(D)	27
Honolulu .....	86	1,803,665	51	(NA)	1,512,735	31

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>POTTED FLOWERING PLANTS - Con.</b>						
<b>Counties - Con.</b>						
Kauai . . . . .	20	105,080	4	(NA)	257,176	3
Maui . . . . .	34	313,394	6	(NA)		16
<b>AQUATIC PLANTS</b>						
<b>State Total</b>						
Hawaii . . . . .	11	(D)	3	(NA)	(NA)	(NA)
<b>Counties</b>						
Hawaii . . . . .	4	(D)	1	(NA)	(NA)	(NA)
Honolulu . . . . .	4	-	(D)	(NA)	(NA)	(NA)
Kauai . . . . .	1	-	(D)	(NA)	(NA)	(NA)
Maui . . . . .	2	-	(D)	(NA)	(NA)	(NA)
<b>BULBS, CORMS, RHIZOMES, AND TUBERS - DRY</b>						
<b>State Total</b>						
Hawaii . . . . .	15	(D)	(D)	(NA)	(NA)	(NA)
<b>Counties</b>						
Hawaii . . . . .	2	(D)	(D)	(NA)	(NA)	(NA)
Honolulu . . . . .	6	(D)	(D)	(NA)	(NA)	(NA)
Kauai . . . . .	2	-	(D)	(NA)	(NA)	(NA)
Maui . . . . .	5	(D)	2	(NA)	(NA)	(NA)
<b>FLOWER SEEDS</b>						
<b>State Total</b>						
Hawaii . . . . .	1	-	(D)	(NA)	(NA)	(NA)
<b>Counties</b>						
Hawaii . . . . .	1	-	(D)	(NA)	(NA)	(NA)
<b>GREENHOUSE VEGETABLES</b>						
<b>State Total</b>						
Hawaii . . . . .	60	860,304	(X)	48	507,947	(X)
<b>Counties</b>						
Hawaii . . . . .	38	561,580	(X)	34	362,692	(X)
Honolulu . . . . .	6	104,436	(X)	5	(D)	(X)
Kauai . . . . .	10	70,698	(X)	2	(D)	(X)
Maui . . . . .	6	123,590	(X)	7	127,915	(X)
<b>MUSHROOMS</b>						
<b>State Total</b>						
Hawaii . . . . .	3	(D)	-	1	(D)	(X)
<b>Counties</b>						
Hawaii . . . . .	2	(D)	-	(NA)	(NA)	(NA)
Honolulu . . . . .	1	(D)	-	(NA)	(NA)	(NA)
<b>NURSERY STOCK (SEE TEXT)</b>						
<b>State Total</b>						
Hawaii . . . . .	274	982,759	805	(NA)	1,221,957	456
<b>Counties</b>						
Hawaii . . . . .	116	303,255	434	(NA)	727,924	124
Honolulu . . . . .	69	442,079	240	(NA)	429,768	191
Kauai . . . . .	25	(D)	55	(NA)	28,250	64
Maui . . . . .	54	(D)	76	(NA)	36,015	77
<b>SOD HARVESTED</b>						
<b>State Total</b>						
Hawaii . . . . .	20	(X)	113	18	(X)	74
<b>Counties</b>						
Hawaii . . . . .	4	(X)	12	6	(X)	(D)
Honolulu . . . . .	2	(X)	39	9	(X)	(NA)
Kauai . . . . .	5	(X)	(D)	(NA)	(NA)	(NA)
Maui . . . . .						

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**Table 34. Nursery, Greenhouse, Floriculture, Mushrooms, Sod, and Vegetable Seeds Grown for Sale:  
2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	2002			1997		
	Farms	Sq. ft. under glass or other protection	Acres in the open	Farms	Sq. ft. under glass or other protection	Acres in the open
<b>VEGETABLE SEEDS</b>						
<b>State Total</b>						
Hawaii .....	6	(D)	(D)	(NA)	(NA)	(NA)
<b>Counties</b>						
Honolulu .....	4	-	(D)	(NA)	(NA)	(NA)
Kauai .....	1	(D)	-	(NA)	(NA)	(NA)
Maui .....				(NA)	(NA)	(NA)
<b>OTHER NURSERY AND GREENHOUSE CROPS</b>						
<b>State Total</b>						
Hawaii .....	77	363,939	242	(NA)	(NA)	(NA)
<b>Counties</b>						
Hawaii .....	26	(D)	(D)	(NA)	(NA)	(NA)
Honolulu .....	20	(D)	(D)	(NA)	(NA)	(NA)
Kauai .....	10	(D)	38	(NA)	(NA)	(NA)
Maui .....	21		(D)	(NA)	(NA)	(NA)

**Table 35. Woodland Crops: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Cut Christmas trees (see text) . . . . . farms, 2002	28	6	1	7	14
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	8	(D)	12	80
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Number of trees cut . . . . . 2002	4,233	(D)	(D)	338	3,675
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Short-rotation woody crops . . . . . farms, 2002	16	6	(NA)	3	7
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Acres in production . . . . . 2002	(D)	(D)	(NA)	8	33
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Acres harvested . . . . . 2002	(D)	(D)	(NA)	(NA)	6
1997	(NA)	(NA)	(NA)	(NA)	(NA)

**Table 36. Grain Storage Capacity: 2002 and 1997**

[Not published for this State]

**Table 37. Commodities Raised and Delivered Under Production Contracts: 2002**

(For meaning of abbreviations and symbols, see introductory text)

Item	Farms	Number	Item	Farms	Number
<b>BROILERS AND OTHER MEAT-TYPE CHICKENS</b>					
<b>State Total</b>					
Hawaii .....	4	879,758	Hawaii .....	3	(X)
<b>Counties</b>					
Honolulu .....	3	(D)	Honolulu .....	1	(X)
Kauai .....	1	(D)	Kauai .....	1	(X)
<b>HOGS AND PIGS</b>					
<b>State Total</b>					
Hawaii .....	1	(D)	Hawaii .....	1	(X)
<b>Counties</b>					
Hawaii .....	1	(D)	Kauai .....	1	(X)
<b>GRAINS AND OILSEEDS</b>					
<b>State Total</b>					
Hawaii .....	3				
<b>Counties</b>					
Honolulu .....	1				
Kauai .....	1				
Maui .....	1				
<b>OTHER CROPS (SEE TEXT)</b>					
<b>State Total</b>					
Hawaii .....	1				
<b>Counties</b>					
Kauai .....	1				

**Table 38. Machinery and Equipment on Operation: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>VALUE OF MACHINERY AND EQUIPMENT</b>					
Estimated market value of all machinery and equipment					
farms, 2002	5,234	3,127	790	555	762
1997	5,471	3,319	880	468	804
\$1,000, 2002	186,163	74,990	29,659	36,671	44,843
1997	211,775	73,008	29,260	37,960	71,547
Average per farm	dollars, 2002	35,568	23,981	37,543	66,074
	1997	38,709	21,997	33,250	81,111
Farms by value group:					
\$1 to \$9,999	2002	3,105	2,052	418	243
	1997	2,523	1,580	373	189
\$10,000 to \$19,999	2002	834	439	140	147
	1997	1,217	746	203	105
\$20,000 to \$29,999	2002	378	204	67	48
	1997	680	401	103	71
\$30,000 to \$49,999	2002	361	172	80	34
	1997	514	289	111	42
\$50,000 to \$69,999	2002	136	51	15	18
	1997	191	120	27	20
\$70,000 to \$99,999	2002	137	57	26	27
	1997	124	60	18	20
\$100,000 to \$199,999	2002	149	74	20	22
	1997	133	74	27	13
\$200,000 to \$499,999	2002	89	61	15	5
	1997	65	32	13	2
\$500,000 or more	2002	45	17	9	11
	1997	24	7	5	6
<b>SELECTED MACHINERY AND EQUIPMENT</b>					
Tractors	farms, 2002	2,896	1,392	574	477
	1997	2,837	1,490	551	354
	number, 2002	5,220	2,182	1,335	822
	1997	4,793	2,240	950	689
Less than 40 horsepower (PTO)	farms, 2002	2,149	1,001	466	347
	1997	2,047	1,127	364	231
	number, 2002	3,111	1,342	848	421
	1997	2,767	1,425	553	343
40 to 99 horsepower (PTO)	farms, 2002	962	413	215	168
	1997	935	440	196	138
	number, 2002	1,115	720	381	309
	1997	1,450	680	279	220
100 horsepower (PTO) or more	farms, 2002	230	100	40	45
	1997	288	120	83	47
	number, 2002	394	120	106	92
	1997	576	135	118	126
Grain and bean combines	farms, 2002	6	1	2	2
	1997	17	8	(D)	6
	number, 2002	8	(D)	-	(D)
	1997	25	10	-	11
Cotton pickers and strippers	farms, 2002	-	-	-	-
	1997	-	-	-	-
	number, 2002	-	-	-	-
	1997	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	4	1	2	1
	1997	(NA)	(NA)	(NA)	(NA)
	number, 2002	4	(D)	(D)	(D)
	1997	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	14	11	1	2
	1997	15	12	(D)	1
	number, 2002	16	(D)	(D)	(D)
	1997	19	14	(D)	(D)
<b>2002 INVENTORY</b>					
Manufactured 1998 to 2002:					
Tractors	farms	835	425	176	95
	number	1,229	538	368	115
Less than 40 horsepower (PTO)	farms	649	317	133	78
	number	858	380	238	80
40 to 99 horsepower (PTO)	farms	198	114	46	16
	number	279	138	78	20
100 horsepower (PTO) or more	farms	54	19	18	13
	number	92	20	52	15
Grain and bean combines	farms	1	-	1	-
	number	(D)	-	(D)	-
Cotton pickers and strippers	farms	-	-	-	-
	number	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	1	-	-	-
	number	(D)	-	-	-
Hay balers	farms	9	9	-	-
	number	9	9	-	-
Manufactured prior to 1998:					
Tractors	farms	2,359	1,049	543	400
	number	3,991	1,644	967	707
Less than 40 horsepower (PTO)	farms	1,693	736	444	278
	number	2,253	962	610	341
40 to 99 horsepower (PTO)	farms	816	320	187	156
	number	1,436	582	378	289
100 horsepower (PTO) or more	farms	185	82	26	35
	number	302	100	54	77
Grain and bean combines	farms	6	1	2	1
	number	(D)	(D)	(D)	(D)

--continued

**Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>2002 INVENTORY - Con.</b>					
Manufactured prior to 1998 - Con.					
Cotton pickers and strippers .....	farms number	-	-	-	-
Forage harvesters, self-propelled (see text) .....	farms number	3	1	-	-
Hay balers .....	farms number	(D) 9	(D) 2	(D) 2	(D) 2
		7	(D)		

**Table 39. Fertilizers and Chemicals Applied: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Commercial fertilizer, lime, and soil conditioners <sup>1</sup>					
farms, 2002	4,042	2,578	628	315	521
1997	3,974	2,585	623	278	488
acres treated, 2002	127,996	43,697	17,864	14,790	51,645
1997	133,927	32,936	16,242	32,415	52,334
Cropland fertilized, except cropland pastured					
farms, 2002	3,941	2,518	617	307	499
1997	3,900	2,540	621	271	468
acres treated, 2002	116,609	40,988	15,614	(D)	(D)
1997	130,267	(D)	(D)	32,289	52,168
Pastureland and rangeland fertilized					
farms, 2002	1,34	77	22	12	26
1997	1,05	67	5	12	23
acres treated, 2002	11,389	2,703	2,250	(D)	(D)
1997	3,600	(D)	(D)	130	186
Manure					
farms, 2002	730	468	80	31	151
1997	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2002	3,812	2,336	951	412	313
1997	(NA)	(NA)	(NA)	(NA)	(NA)
Chemicals used to control-insects <sup>2</sup>					
farms, 2002	1,840	958	407	114	361
1997	1,604	867	394	104	239
acres treated, 2002	41,616	14,536	13,575	3,604	9,901
1997	34,673	8,939	14,615	3,174	7,945
Weeds, grass, or brush					
farms, 2002	2,820	1,831	405	226	358
1997	2,685	1,844	342	198	301
acres treated, 2002	101,258	29,117	13,986	17,222	40,933
Nematodes					
farms, 2002	275	145	42	23	65
1997	350	226	43	25	56
acres treated, 2002	8,169	879	4,861	699	1,730
Diseases in crops and orchards					
farms, 2002	11,086	1,540	(D)	(D)	4,581
1997	800	404	138	62	196
acres treated, 2002	1,033	589	211	66	167
1997	30,824	16,290	6,749	4,620	3,165
Chemicals used to control growth, thin fruit, or defoliate					
farms, 2002	216	140	45	25	6
1997	184	116	26	19	23
acres on which used, 2002	26,378	1,396	306	(D)	(D)
1997	15,184	916	(D)	(D)	(D)

<sup>1</sup> Data for 1997 exclude lime.

<sup>2</sup> Data for 1997 include treatment of crops, including hay, but not other land.

**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>F FARMS</b>					
Land in farms .....	farms, 2002 1997	5,398 5,473	3,216 3,319	794 880	565 468
	acres, 2002 1997	1,300,499 1,439,071	821,276 870,012	70,705 79,927	151,828 197,042
Harvested cropland .....	farms, 2002 1997	4,522 4,594	2,791 2,897	656 749	426 343
	acres, 2002 1997	109,461 100,094	55,529 32,410	13,757 15,355	11,771 20,086
<b>T TENURE</b>					
Full owners .....	farms, 2002 1997	3,202 2,980	1,946 1,859	402 416	325 245
	acres, 2002 1997	246,865 222,410	98,905 68,306	(D) (D)	(D) (D)
Harvested cropland .....	farms, 2002 1997	2,814 2,583	1,753 1,654	331 347	272 195
	acres, 2002 1997	18,459 11,777	15,444 8,645	883 851	(D) 964
Part owners .....	farms, 2002 1997	589 707	338 445	56 56	80 69
	acres, 2002 1997	(D) 992,075	520,825 638,466	(D) (D)	75,416 (D)
Owned land in farms .....	acres, 2002 1997	426,293 503,454	308,400 329,689	(D) (D)	135,661 188,939
Rented land in farms .....	acres, 2002 1997	(D) 486,621	212,222 311,797	7,550 (D)	18,342 140,906
Harvested cropland .....	farms, 2002 1997	414 510	246 347	48 51	44 33
	acres, 2002 1997	36,053 70,178	8,177 13,909	2,173 10,468	(D) 79
Tenants .....	farms, 2002 1997	1,607 1,786	932 1,015	336 408	160 154
	acres, 2002 1997	224,586 201,549	163,220 (D)	27,126 (D)	38,755 21,825
Harvested cropland .....	farms, 2002 1997	1,294 1,501	792 896	277 351	110 115
	acres, 2002 1997	54,949 18,139	31,908 9,856	10,701 4,036	5,431 2,383
<b>2002 NUMBER OF ALL OPERATORS</b>					
Total operators .....	number	8,009	4,655	1,234	873
Farms by number of operators:					
1 operator .....		3,306	2,020	477	324
2 operators .....		1,767	1,032	253	196
3 operators .....		237	122	41	34
4 operators .....		45	25	12	7
5 or more operators .....		43	17	11	4
Total women operators .....	number	2,652	1,526	417	279
Farms by number of women operators:					
1 operator .....		2,273	1,349	326	237
2 operators .....		148	76	29	18
3 operators .....		16	5	7	2
4 operators .....		2	1	-	-
5 or more operators .....		3	1	1	1
<b>PRINCIPAL OPERATOR CHARACTERISTICS</b>					
Sex of operator:					
Male .....	farms, 2002 1997	4,338 4,551	2,598 2,752	636 721	445 397
	acres, 2002 1997	1,189,541 1,380,371	780,379 838,602	(D) 73,405	(D) 193,018
Female .....	farms, 2002 1997	1,060 922	618 567	158 (D)	120 71
	acres, 2002 1997	110,958 58,700	40,897 31,410	6,522 4,024	14,770 4,024
Primary occupation:					
Farming .....	2002 1997	3,125 3,052	1,830 1,830	555 595	306 255
Other .....	2002 1997	2,273 2,421	1,386 1,489	239 285	259 213
Place of residence <sup>1</sup> :					
On farm operated .....	2002 1997	3,538 3,196	2,058 1,930	493 463	364 267
Not on farm operated .....	2002 1997	1,860 1,810	1,158 1,077	301 346	201 172
Days worked off farm <sup>1</sup> :					
None .....	2002 1997	2,786 2,148	1,579 1,231	493 448	301 179
Any .....	2002 1997	2,612 2,827	1,637 1,771	301 335	264 266
1 to 49 days .....	2002 1997	332 395	215 252	37 52	33 32
50 to 99 days .....	2002 1997	226 254	150 171	17 29	23 21
100 to 199 days .....	2002 1997	393 (NA)	254 (NA)	34 (NA)	42 (NA)
200 days or more .....	2002 1997	1,661 1,566	1,018 940	213 196	166 153

See footnote(s) at end of table.

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**Table 40. Tenure, Number of Operators, Type of Organization, and Principal Operator Characteristics: 2002 and 1997 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
<b>PRINCIPAL OPERATOR CHARACTERISTICS - Con.</b>					
Years on present farm <sup>1</sup> :					
2 years or less .....	2002 1997	322 419	207 272	38 72	31 33
3 or 4 years .....	2002 1997	547 452	356 298	60 77	65 30
5 to 9 years .....	2002 1997	1,194 1,073	711 647	162 148	132 107
10 years or more .....	2002 1997	3,335 2,430	1,942 1,419	534 391	337 214
Average years on present farm .....	2002 1997	15.5 14.1	15.2 13.8	17.0 14.8	15.5 14.8
Age group:					
Under 25 years .....	2002 1997	14 31	5 20	2 3	3 1
25 to 34 years .....	2002 1997	154 227	83 144	20 38	25 21
35 to 44 years .....	2002 1997	720 1,045	439 641	106 130	67 92
45 to 54 years .....	2002 1997	1,772 1,663	1,029 975	237 276	196 142
55 to 59 years .....	2002 1997	796 547	481 319	123 85	75 36
60 to 64 years .....	2002 1997	504 486	280 306	88 78	54 43
65 to 69 years .....	2002 1997	426 463	281 304	53 78	38 36
70 years and over .....	2002 1997	1,012 56.5	618 56.7	165 57.1	107 56.3
Average age .....	2002 1997	55.0 55.0	55.0 55.0	56.5 55.7	55.0 53.0
<b>TYPE OF ORGANIZATION</b>					
Family or individual .....	farms, 2002 1997	4,629 4,583	2,795 2,827	639 680	494 397
acres, 2002 1997	329,179 279,198	(D)	166,133	(D)	69,592 63,297
Partnership .....	farms, 2002 1997	225 328	132 202	28 56	28 26
acres, 2002 1997	116,737 (D)	101,935 52,113	1,244 3,654	2,201 (D)	11,357 34,620
Corporation:					
Family-held .....	farms, 2002 1997	392 384	217 198	88 103	29 27
acres, 2002 1997	344,755 380,168	172,679 (D)	23,617 23,874	72,035 (D)	76,424 101,236
Other than family held .....	farms, 2002 1997	88 113	39 55	20 18	17 16
acres, 2002 1997	368,784 554,404	242,755 325,406	(D) (D)	(D) (D)	99,056 123,312
Other - cooperative, estate or trust, institutional, etc. ....	farms, 2002 1997	72 65	33 37	19 12	10 2
acres, 2002 1997	141,044 (D)	(D)	(D) (D)	(D) (D)	14 980

<sup>1</sup> Data for 1997 do not include imputation for item nonresponse.

**Table 41. White Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	White operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	White operators <sup>1</sup>	Land in Farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	2,367	3,149	1,046,617	1,223	547,140	1,144	1,926	499,477
<b>COUNTIES</b>								
Hawaii .....	1,446	1,913	692,937	744	434,442	702	1,169	258,495
Honolulu .....	155	183	45,382	86	25,986	69	109	13,490
Kauai .....	298	398	136,920	152	73,466	146	246	63,454
Maui .....	468	643	171,278	241	13,246	227	402	158,032

<sup>1</sup> Data were collected for a maximum of three operators per farm.**Table 42. Black or African American Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Black or African American operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms	Farms	Black or African American operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	13	13	(D)	6	44	7	7	(D)
<b>COUNTIES</b>								
Hawaii .....	9	9	50	4	(D)	5	5	(D)
Honolulu .....	1	3	(D)	1	(D)	2	2	(D)
Maui .....	3							

<sup>1</sup> Data were collected for a maximum of three operators per farm.**Table 43. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	American Indian or Alaska Native operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	American Indian or Alaska Native operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	47	51	2,122	15	723	32	36	1,399
<b>COUNTIES</b>								
Hawaii .....	31	33	1,380	10	660	21	23	720
Honolulu .....	5	7	(D)	1	(D)	4	6	(D)
Kauai .....	4	4	63	1	(D)	3	3	(D)
Maui .....	7	7	(D)	3	(D)	4	4	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 44. Native Hawaiian or Other Pacific Islander Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Operators <sup>1</sup>	Land in farms (acres)
<b>NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER</b>								
<b>State Total</b>								
Hawaii .....	524	655	179,334	226	65,542	298	429	113,792
<b>Counties</b>								
Hawaii .....	277	340	50,100	120	9,821	157	220	40,279
Honolulu .....	64	81	5,431	30	3,653	34	51	1,778
Kauai .....	79	101	9,060	32	(D)	47	69	(D)
Maui .....	104	133	114,743	44	(D)	60	89	(D)
<b>NATIVE HAWAIIAN</b>								
<b>State Total</b>								
Hawaii .....	464	571	168,634	205	65,159	259	366	103,475
<b>Counties</b>								
Hawaii .....	243	288	(D)	109	9,551	134	179	(D)
Honolulu .....	56	69	(D)	27	3,650	29	42	(D)
Kauai .....	71	92	8,986	32	(D)	39	60	(D)
Maui .....	94	122	(D)	37	(D)	57	85	(D)
<b>OTHER PACIFIC ISLANDER</b>								
<b>State Total</b>								
Hawaii .....	64	84	10,720	21	383	43	63	10,337
<b>Counties</b>								
Hawaii .....	36	52	(D)	11	270	25	41	(D)
Honolulu .....	9	12	(D)	3	3	6	9	(D)
Kauai .....	9	9	(D)	7	110	9	4	(D)
Maui .....	10	11	(D)	-	-	3	-	-

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 45. Asian Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Operators <sup>1</sup>	Land in farms (acres)
<b>ASIAN</b>								
<b>State Total</b>								
Hawaii .....	2,286	2,969	157,235	1,384	71,526	902	1,585	85,709
<b>Counties</b>								
Hawaii .....	1,346	1,691	99,245	856	51,296	490	835	47,949
Honolulu .....	539	574	22,754	298	5,920	241	476	16,834
Kauai .....	167	220	5,337	88	2,552	79	132	1,785
Maui .....	234	284	29,899	142	11,758	92	142	18,141
<b>JAPANESE</b>								
<b>State Total</b>								
Hawaii .....	1,446	1,814	117,235	876	50,244	570	938	66,991
<b>Counties</b>								
Hawaii .....	862	1,073	67,339	536	(D)	326	537	(D)
Honolulu .....	300	394	17,327	173	(D)	127	221	(D)
Kauai .....	120	155	3,700	61	(D)	59	94	(D)
Maui .....	164	192	28,869	106	11,150	58	86	17,719
<b>CHINESE</b>								
<b>State Total</b>								
Hawaii .....	173	220	(D)	73	(D)	100	147	(D)
<b>Counties</b>								
Hawaii .....	56	63	(D)	27	(D)	29	36	(D)
Honolulu .....	86	126	4,446	30	(D)	56	96	(D)
Kauai .....	7	15	(D)	5	(D)	2	2	(D)
Maui .....	24	24	(D)	11	(D)	13	13	(D)
<b>KOREAN</b>								
<b>State Total</b>								
Hawaii .....	33	36	(D)	20	143	13	16	(D)
<b>Counties</b>								
Hawaii .....	24	25	(D)	17	(D)	7	8	(D)
Honolulu .....	6	8	(D)	1	(D)	1	1	(D)
Kauai .....	1	1	(D)	-	(D)	-	-	(D)
Maui .....	2	2	(D)	2	(D)	-	-	(D)
<b>FILIPINO</b>								
<b>State Total</b>								
Hawaii .....	580	731	22,034	349	4,261	231	382	17,773
<b>Counties</b>								
Hawaii .....	407	499	16,702	265	3,230	142	234	13,472
Honolulu .....	90	123	3,141	46	317	44	77	2,824
Kauai .....	38	52	1,405	21	362	17	31	1,043
Maui .....	45	57	786	17	352	28	40	434
<b>OTHER ASIAN</b>								
<b>State Total</b>								
Hawaii .....	130	168	(D)	66	(D)	64	102	1,345
<b>Counties</b>								
Hawaii .....	28	31	(D)	11	(D)	17	20	(D)
Honolulu .....	89	123	(D)	48	224	41	75	529
Kauai .....	5	5	(D)	1	(D)	4	4	(D)
Maui .....	8	9	(D)	6	(D)	2	3	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 46. Operators Reporting More Than One Race: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Operators reporting more than one race	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Operators reporting more than one race	Land in farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	835	978	144,159	452	63,245	383	526	80,914
<b>COUNTIES</b>								
Hawaii .....	511	590	103,181	286	47,110	225	304	56,071
Honolulu .....	106	117	14,711	60	6,238	45	56	8,473
Kauai .....	101	128	10,128	51	4,228	50	77	3,900
Maui .....	117	143	16,139	54	5,669	63	89	10,470

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 47. Women Principal Operators - Selected Farm Characteristics: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold (\$1,000)	Farms by economic class (see text) and primary occupation						
						Farming			Other than farming			
	Farms	Acres	Farms	Acres		Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	Less than \$2,500	\$2,500 to \$9,999	\$10,000 or more	
<b>STATE TOTAL</b>												
Hawaii .....	1,060	110,958	916	3,656	30,496	133	188	272	150	165	152	
<b>COUNTIES</b>												
Hawaii .....	618	40,897	555	2,467	10,729	84	120	149	76	105	84	
Honolulu .....	158	(D)	129	403	14,118	14	27	60	17	18	22	
Kauai .....	120	(D)	94	309	2,723	18	19	25	27	14	17	
Maui .....	164	14,770	138	477	2,926	17	22	38	30	28	29	

**Table 48. Women Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Women operators <sup>1</sup>	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Women operators <sup>1</sup>	Land in farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	2,430	2,578	258,024	613	19,733	1,817	1,965	238,291
<b>COUNTIES</b>								
Hawaii .....	1,428	1,504	141,096	370	13,675	1,058	1,134	127,421
Honolulu .....	361	386	12,685	88	3,394	273	298	9,291
Kauai .....	254	273	58,990	56	844	198	217	58,146
Maui .....	387	415	45,253	99	1,820	288	316	43,433

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 49. Women Principal Operators - Tenure: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	Total farms	Full owners			Part owners			Tenants		
		Farms	Land in farms	Harvested cropland	Farms	Land in farms	Harvested cropland	Farms	Land in farms	Harvested cropland
<b>STATE TOTAL</b>										
Hawaii .....	1,060	703	68,587	2,061	77	(D)	324	280	(D)	1,271
<b>COUNTIES</b>										
Hawaii .....	618	408	(D)	1,414	44	7,447	251	166	(D)	802
Honolulu .....	158	91	583	127	6	270	12	61	(D)	264
Kauai .....	120	88	(D)	176	10	(D)	4	22	(D)	129
Maui .....	164	116	1,305	344	17	(D)	57	31	(D)	76

**Table 50. Spanish, Hispanic, or Latino Origin Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Farms with only 1 operator		Farms with more than 1 operator		
	Farms	Spanish, Hispanic, or Latino <sup>1</sup> operators	Land in farms (acres)	Farms	Land in farms (acres)	Farms	Spanish, Hispanic, or Latino <sup>1</sup> operators	Land in farms (acres)
<b>STATE TOTAL</b>								
Hawaii .....	322	387	39,567	148	20,020	174	239	19,547
<b>COUNTIES</b>								
Hawaii .....	190	227	13,316	100	9,485	90	127	3,831
Honolulu .....	29	36	(D)	10	(D)	19	26	(D)
Kauai .....	46	55	(D)	20	8,311	26	35	(D)
Maui .....	57	69	2,819	18	(D)	39	51	(D)

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table 51. Farms by North American Industry Classification System: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Total farms .....	5,398	3,216	794	565	823
Oilseed and grain farming (1111) .....	24	7	4	9	4
Vegetable and melon farming (1112) .....	548	160	210	70	108
Fruit and tree nut farming (1113) .....	2,362	1,876	108	146	232
Greenhouse, nursery, and floriculture production (1114) .....	1,264	601	308	113	242
Other crop farming (1119) .....	233	96	18	78	41
Tobacco farming (11191) .....	-	-	-	-	-
Cotton farming (11192) .....	-	-	-	-	-
Sugarcane farming, hay farming, and all other crop farming (11193,11194,11199) .....	233	96	18	78	41
Beef cattle ranching and farming (112111) .....	526	308	33	88	97
Cattle feedlots (112112) .....	30	19	1	2	8
Dairy cattle and milk production (11212) .....	13	7	4	1	1
Hog and pig farming (1122) .....	115	24	52	10	29
Poultry and egg production (1123) .....	51	18	21	4	8
Sheep and goat farming (1124) .....	65	28	1	16	20
Animal aquaculture and other animal production (1125,1129) .....	167	72	34	28	33



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# **Appendix A.**

## **General Explanation**

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### **DATA COLLECTION AND CAPTURE**

#### **Mail List**

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) was compiled. In 2000, NASS began an intensive push to increase list coverage in preparation for the census. Sources included state and federal government lists, producer association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing association lists, and special commodity lists. The goal was to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products.

Additional detail regarding the 2002 Census Mail List is provided in Appendix C.

#### **Report Forms**

Two report forms types - nonsample and sample - were used to collect census information. Nonsample forms consisted of 19 sections that collected basic information (acreage and land use, crops, livestock and poultry raised, grain storage capacity, production contracts and custom feeding, value of sales, Commodity Credit Corporation (CCC) loans, Federal Farm Program payments, income from farm-related sources, and organizational and operator characteristics about the operation). Sample forms contained the same 19 sections plus an additional 5 sections that covered production expenses, fertilizer and chemical applications, machinery and equipment used, market value of land and buildings, and farm labor. The sample form collected sufficient data to make reliable estimates for these additional topics and yet reduce total respondent burden. Approximately 569,000 respondents of CML received the sample form and the remaining 2.23 million received the

nonsample report form.

Twelve regional versions of the nonsample form and 13 regional versions of the sample form were used. Alaska, region 13, did not have a nonsample form. Each regional version prelisted major crops of significance to the respective region.

#### **Method of Enumeration**

The method of enumeration for the 2002 Census of Agriculture was similar to that used during the 1997 Census of Agriculture. Mailout/mailback methodology was the primary method for collecting the data. The mailout/mailback method was supplemented with followups by mail, telephone, and personal enumeration.

#### **Report Form Mailings and Respondent Followup**

Mailout packet preparation, initial mailout, both followup mailings, and receipt and check-in of returned report forms were handled by the Census Bureau's National Processing Center (NPC) in Jeffersonville, Indiana. NASS statisticians were on site at NPC to provide technical guidance and monitor NPC processing activities.

The initial mailout took place during the middle of December 2002. Approximately 2.8 million packets were mailed. Each packet contained a cover letter, instruction sheet, a labeled census report form, and a return envelope.

There were two followup mailings to nonrespondents. The first was mailed in mid-February and involved about 1.4 million report forms. A second followup mailout occurred in late March and involved approximately 650,000 nonrespondents.

Prior to the initial mailout, NASS's Field Offices selected (tagged) approximately 30,000 respondents for personal enumeration rather than mailout/mailback enumeration. These report forms were labeled at NPC and shipped to the field offices for enumeration. Tagged records were excluded from the initial and both followups mailings. Once enumerated, tagged records were sent to NPC for check-in and data capture.

Operating concurrently with NPC's data collection efforts, the field offices targeted select groups of census nonrespondents because of their statistical influence to receive additional enumeration efforts. These efforts were referred to as "Advanced Followup", "MUST Followup", "Low Response County Followup", and "Last Call".

Advanced Followup focused on three groups of nonrespondents, those:

- Thought to be least likely to respond to the census.
- Thought to be easy and quick interviews.
- Those for which NASS was uncertain of their true farm status.

Each field office was responsible for carrying out all phases of this activity for their respective respondents. Computer-Assisted Telephone Interviewing (CATI) and face-to-face interviewing were used to collect the data. Advanced Followup took place between February and April 2003.

MUST Followup was a very important component in ensuring a complete census. MUST cases are large operations, the absence of which may significantly affect the accuracy of census results. Approximately 122,000 respondents were identified as MUST cases. Each MUST operation had to be enumerated, or if no longer in operation, their non-farm status documented/verified. The field offices were responsible for enumerating or resolving all MUST cases. CATI calling of nonrespondent MUST cases was conducted between March and June 2003. Extensive effort was made to contact and enumerate these operations.

Low Response County Followup was used to increase the response rate in all counties to at least 75 percent. CATI was used for this followup activity. In early April 2003, NASS's Sample Design Section identified counties with a response rate of less than 75 percent. CATI followup activities began in mid-April and continued until all counties reached a 75 percent response rate.

Last Call followup was used to increase the overall U.S. response rate and was conducted via CATI. This activity was conducted if a state's response rate was less than the 1997 response rate at the completion of the Low Response County followup. Implementation of this activity varied by field office. This followup activity, if needed, began in early April and continued until mid-July 2003. Last Call nonrespondents were contacted by enumerators in the respective field offices or by one of the NASS Telephone Calling centers.

## **Data Capture**

Data capture activities associated with the 2002 Census of Agriculture were very different from those employed during the 1997 Census. For 1997, data were captured using data entry clerks who keyed data from the report forms at the Census Bureau's National Processing Center (NPC). In contrast, data capture for the 2002 Census of Agriculture consisted of scanning the census report forms and capturing the data directly from the scanned images utilizing Automated Data Capture. Automated Data Capture consists of Optical Character Recognition (OCR), Intelligent Character Recognition (ICR), and Optical Mark Recognition (OMR). Utilizing this method of data capture allowed the images of the report forms to be available to the field offices for use in subsequent processing and analysis steps.

Data capture was supplemented by the field offices's use of CATI software to collect data for certain groups of nonrespondents. CATI data were electronically captured and submitted for processing via NASS's Local Area Network. In addition, each state office used existing Blaise Data Capture software, modified for the content of the census questionnaire, to key questionnaire data.

## **DATA PROCESSING**

Data processing involved checking and editing data for consistency and reasonableness, reviewing the tabulated data, and the application of disclosure analysis to ensure that the tabulated data did not violate census confidentiality requirements.

Captured data and report form images from the scanning operation at NPC were loaded to the census database at NASS. From this system the editing of respondent data was undertaken using:

- A computerized edit based on detailed editing specifications designed to minimize the number of records that needed manual intervention.
- An Analysis System, a set of tools that included mechanisms for identification and grouping of problem records and a means for manual correction of those records.

The edit used deterministic logic, previously reported data from NASS surveys and the 1997 Census of Agriculture, linear equations, and donor imputation when reviewing a record. Each respondent record was edited by the complex edit based on data in the database and subjected to a detailed item-by-item review. The edit performed comprehensive checks for consistency and reasonableness, and corrected erroneous or inconsistent data.

Final data review occurred after record level data were error free and final weighting (nonresponse, sample, and coverage) was applied. The field offices conducted the final data review process involving a systematic item-by-item review of each value to be published at the county and then the State level. A national item Analytical Review was undertaken concurrently by Headquarters staff.

After final data review was completed, disclosure analysis programs were run. Suppressed values were reviewed by the field offices and Headquarters staff prior to releasing the data to the public.

## **Data Collection Outreach and Promotional Efforts**

Promotional and outreach programs were primarily handled by each of the 46 NASS Field Offices. NASS

Headquarters staff conducted the national effort through the national headquarters of various USDA agencies, farm organizations, agriculture associations, and others and prepared many materials that the field offices could customize to meet their target audiences.

The field offices worked with the commissioners of agriculture, governors and other officials to obtain verbal support of the census in their speeches and public appearances and through their written communications to their constituencies. To improve the coverage of minorities, field offices made special promotional efforts through American Indian tribal leaders, limited resource farm organizations, and women associations.

Census promotion and publicity activities encouraged complete participation in the census and also urged anyone who was involved in agriculture to call the toll free number and request a census report form if they did not receive one in the mail.

## **DATA CHANGES**

Prior to each agriculture census, the content of the census report forms and publication tables are reviewed to eliminate items no longer needed, identify necessary new items, and modify existing items to better describe the agricultural situation in the Nation. Data requests are solicited from farm organizations, land grant universities, State and Federal agencies, State departments of agriculture, agribusinesses, the Advisory Committee on Agriculture Statistics, and others. Each user is asked to identify and justify its specific data needs. As a result of this process, changes were made to several areas of the report form.

Highlights of these changes include:

### **Crop Data**

Deleted items include:

- Acres irrigated for individual vegetables and berries.
- Production (quantity) of individual fruits, nuts, and berries.

- Number of bearing and nonbearing age trees or vines.

Added items include:

- Acres covered under a Federal or other crop insurance policy.
- Acres used to raise certified organically produced crops.
- Acres of short-rotation woody crops in production and harvested.
- Gallons of maple syrup produced.
- Grain storage capacity.
- Acres of individual vegetables harvested for processing.

Expanded items which were reported in conjunction with similar crop items on the 1997 census report form but broken out and individually listed on the 2002 census form include:

- Upland cotton and Pima cotton replace total cotton.
- Peppermint and Spearmint replace total Mint for oil.
- Sunflower seed for oil and non-oil replace total Sunflower seed.
- Grass silage, haylage, and greenchop are divided and reworded so that Haylage, or greenchop from alfalfa or alfalfa mixtures and All other haylage, grass silage, or greenchop could be reported individually.
- Vegetable and Flower seeds was split into two items, Flower seeds and Vegetable seeds.
- Aquatic plants were listed separately and were not included in Other nursery and greenhouse.
- Lettuce and romaine were separated so that head, leaf, and romaine lettuce types could be reported individually.

- Total acres in trees and vines of all ages were broken out into bearing and nonbearing acres.
- Oranges were divided into Valencia and other oranges, including Navel.
- Loganberries were listed separately and were not included it in Other berries.

Merged items which were reported individually on the 1997 census report forms but were combined with another item(s) on the 2002 report form include:

- Sorghum cut for dry forage or hay and Sorghum hogged or grazed no longer have a separate item code but were included in Other field and forage crops.
- Grapes, dry weight and Grapes, fresh weight were merged into one item called Grapes.

## **Livestock and Poultry Data**

Deleted items include:

- Litters of hogs farrowed.
- Number of feeder pigs sold.
- Layers and pullets 13 weeks old and older.
- Incubator egg capacity.
- Number of sheep and lambs shorn and pounds of wool shorn.

Added items include:

- Type of hog and pig operation, i.e. farrow to wean, farrow to feeder, etc.
- Type of producer, i.e independent grower, contractor or integrator, contractee.
- Inventory of Cattle on Feed.

Expanded items which were reported in conjunction with similar livestock or poultry items on the 1997 census report form but broken out and individually

listed in the 2002 census include:

- Emus and Ostriches which were reported in all Other livestock in 1997.
- Llama, Bison, Deer, and Elk which were reported in all Other livestock in 1997.
- Other food fish, Baitfish, Crustaceans, Mollusks, Ornamental fish, and Sport or game fish were listed as separate items in the 2002 census. In 1997 they were reported in Other fish.

Merged items, livestock and poultry that were reported individually on the 1997 census report forms but were combined with another item(s) on the 2002 report forms, include:

- Number and value of sales of feeder pigs sold were combined with number and value of hogs and pigs sold.
- Number of heifers and heifer calves and Steers, steer calves, bulls, and bull calves were combined into one category called Other Cattle.
- Pullets 13 weeks old to 19 weeks old and Pullet chicks and pullets less than 13 weeks old were combined into one category called Pullets for laying flock replacement.
- Inventory and total number sold of Turkeys for slaughter and Turkey hens kept for breeding were combined into one category called Turkeys.
- Gallons of goats milk was included with Other livestock products on the 2002 report form.
- Number or pounds of crawfish sold were included in crustaceans.
- Number of pounds of hybrid stripped bass sold were included with other food fish.

## **Economic, Land Use, or Operator Characteristic Data**

Deleted items include:

- Use and type of grazing permit.

- Gross value of sales for cattle fattened on grain or concentrates.
- Gross value of sales for feeder pigs.
- Gross value of sales for individual nursery and greenhouse items.
- Number of motortrucks and number of mower conditioners.
- Farm-related injuries and deaths.

Added items include:

- Number of self-propelled forage harvesters.
- Question that identifies hired or contract workers as migrant workers.
- Production contacts, including units of commodity raised and delivered and payments received from the contractor.
- Information on which input items contractors provided (feeder livestock and poultry, feed, fertilizer and lime, chemicals, supplies, fuels, utilities, veterinary services, breeding livestock, and seed) were collected separately in the report form. However, tabulations of these individual items are not published. They were used in the calculation of Net cash farm income.
- Value of certified organically produced commodities.
- Money received for participation in other Federal farm programs. On the 1997 report form, this information was derivable by subtraction from other information provided by respondents.
- Questions relating to use of Native American Indian Reservation land for production of crops and livestock, e.g. total acres used, acres of cropland harvested, and percent of operation's livestock on the reservation. This section only appeared on the region 8 and 10 report forms and will be tabulated in a special publication to be published in the summer of 2004.

- Total number of all operators on the operation.
- Total number of women operators on the operation.
- Demographic items for up to three operators per farm.
- Number of persons living in the operators' households.
- Percent of principal operator's total household income from the agricultural operation.
- Number of households that share in the net farm income derived from the operation.
- Questions about computer use and Internet access.
- Questions to identify whether the principal operator is a hired manager.

Expanded items which were reported in conjunction with similar items on the 1997 census report form but broken out and individually listed on the 2002 report form include:

- Patronage dividends collected separately from Other farm-related income.
- Production expenses for Livestock and poultry purchased were divided into Breeding livestock, regardless of age, and All other livestock and poultry purchased.
- Partnerships were asked to report whether they were registered under state law.
- Asian or Pacific Islander was broken into two separate categories.

Merged items which were reported individually on the 1997 census report form but were combined with another item(s) on the 2002 report form include:

- Cropland idle was merged with Cropland idle or used for cover crops or soil-improvement grasses, but not harvested and not pastured or grazed.

- Gross value of sales of several items were merged. These include:
  - ▶ Individual grains (e.g. corn, rice, wheat, etc.), dry beans and peas, flaxseed, popcorn, safflower, sunflower seed, and rye were merged into one category called grains, oilseeds, dry beans, and dry peas.
  - ▶ Hay, silage, field seeds, and grass seeds (excluding grain silage and forage) were combined with other crops to form a value of sales category called Other Crops and Hay.
  - ▶ Value of sales of cut Christmas trees was combined with value of short-rotation woody crops. Cut Christmas trees were a separate nursery sale item and short-rotation woody crops were collected in Other nursery crops in 1997.
  - ▶ Value of calves weighing less than 500 pounds sold and the value of cattle including calves 500 pounds or more sold were combined into one value of cattle and calves sold.
  - ▶ Value of angora goats and mohair, milk goats and their milk, and other goats were merged and combined into sheep, goats, and their products sold.
  - ▶ Value of sheep, lambs, and wool sold were combined into value of sheep, goats, and their products.
  - ▶ Value of horses and ponies of all ages and the value of mules, burros, and donkeys sold were merged and combined into value of horses, ponies, mules, burros, and donkeys.
  - ▶ Value of colonies of bees and honey, mink and their pelts, and rabbits and their pelts sold were combined into other animals and other animal products sold.
- Dollars received from Government CCC loans by individual commodity (corn, wheat, sorghum, canola, rice, etc.) were combined into one category called Total amount received in 2002 from Government CCC loans for all crops.

- Production expenses for gasoline and gasohol, diesel fuel, natural gas, and LP gas, fuel oil, kerosene, motor oil, grease, etc. were merged into one category, Gasoline, fuels, and oils purchased for the farm business.
- Production expenses for commercially mixed feed, including supplements and premixes, were included in Feed purchased for livestock and poultry.

## DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry the note "See text" also are explained. For an exact wording of the questions on the 2002 report forms and the information sheet which accompanied these forms, see Appendix D. Many of the definitions and explanations are the same as those used in earlier censuses.

**Abnormal farms.** See Institutional, Research, Experimental, and American Indian Reservation Farms.

**Acres and quantity harvested.** Crops were reported in whole acres, except for the following crops which were reported in tenths of acres: potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, nursery and greenhouse crops in the open, and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in tenths of acres were rounded to whole acres at the aggregate level during the tabulation process. Ginseng was reported in tenths of acres for Wisconsin and Michigan, but is published in whole acres for all States. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year, the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the

same acres, the acres were counted only once but the quantity harvested included all cuttings. Acreage cut for both dry hay and haylage, silage, or greenchop was reported for each crop. For interplanted crops or "skip-row" crops, acres were reported according to the portion of the field occupied by each crop. If a crop was interplanted in an orchard or vineyard and harvested, then the entire orchard or vineyard acreage was reported under the appropriate fruit crop and the interplanted estimated crop acreage was reported under the appropriate crop.

If a crop was planted but not harvested, the acres were not reported as harvested. These acres were reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland on which all crops failed or were abandoned, cropland idle or used for cover crops or soil improvement but not harvested and not pastured or grazed, or cropland in cultivated summer fallow. This does not include fruit and nut orchards and vineyards that were not harvested. All land in orchards was reported as cropland harvested.

Crops that were only hogged or grazed, were reported as "cropland used only for pasture or grazing." Crop residue left in fields after harvest and later hogged or grazed was not reported as cropland used only for pasture or grazing, but reported as cropland harvested.

Quantity harvested was not obtained for crops such as fruit and nuts, berries, vegetables, and nursery and greenhouse crops.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were reported as harvested cropland, regardless of whether the crop was harvested or failed. Abandoned orchards were reported as cropland idle, not as harvested cropland, and the individual abandoned orchard crop acres were not reported.

**Age of operator.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Agricultural chemicals used, including fertilizer.** For each type of agricultural chemical, the acres treated were reported only once even if the acres were fertilized or treated more than once. If multi-purpose chemicals were used, the acres treated for each

purpose were reported.

**American Indian farm operators, total.** See American Indian and Alaska Native farm operators, total.

**American Indian and Alaska Native farm operators, total.** This category was previously labeled American Indian farm operators, however, Alaska Native operators were counted in this category as well. This number is found in Table 1 of Appendix B. Unlike the data by race presented in State Table 52 and County Table 43, these data include all operators who selected the American Indian or Alaskan Native race category on the census form, regardless of whether they also checked another racial category. It also includes the number of operators who did not report individually, but were counted on a supplemental report form from American Indian reservations.

**Approximate land area.** The approximate land area of counties (parish or area for Louisiana and Alaska respectively) and States represents the total land area as determined by records and calculations as of January 1, 2000. Every county in the United States is represented except Bloomfield County, Colorado which was formed in 2001. Data for what is now Bloomfield are included in the Adams County, Colorado tabulations. The proportion of land area in farms may exceed 100 percent because some operations have land in two or more counties, but all acres are counted in the principal county of operation. Also see Location of agricultural activity.

**Aquaculture.** The number and pounds sold and value of sales, include aquaculture items sold or moved by commercial farms and by State and Federal hatcheries. These hatcheries primarily distribute fish for restoration, conservation, and recreational purposes receiving no payment. Values based on sales of farm raised fish were assigned to distributed fish. The methodology used to collect and tabulate the information for the 2002 Census was unchanged from 1997. However, the coverage of State and Federal fish hatcheries was improved in 2002, thus a direct comparison of numbers between the 1997 and 2002 may not be possible.

**Baitfish:** Fish used for bait. Examples include chubs,

fathead minnows and other types of minnows, feeder goldfish, golden shiners, killifish, and suckers. This was a new category for 2002.

**Bees.** See Colonies of bees.

**Cattle On Feed (COF) Inventory.** This is a new item for the 2002 Census of Agriculture. In the 1997 census, cattle on feed was reported as a sales item, not an inventory item. COF is defined as cattle and calves being fed a grain or concentrate ration (for the slaughter market) which is expected to produce a carcass that will grade select or better.

**Chemicals.** See Agricultural chemicals used, including fertilizer and/or Total farm production expenses - *Agricultural chemicals*.

**Cherries.** Cherries were reported as either Sweet cherries or Tart cherries. Combined crops, or non-specified cherry acres, were not options for the respondent. "Total Acres" were reported by crop, and the total acreage was then classified into "Bearing Acres" and "Nonbearing Acres" on the operation. Production, yield, irrigated acres by crop, and tree numbers were not collected. In the 1997 census, cherries were reported as sweet cherries, tart cherries, or nonspecific cherries depending on the region.

**Citrus enumeration.** Census reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used since 1969 because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report form.

Two significant changes were implemented with the undertaking of the 2002 Citrus Caretakers Survey. First, enumeration activities were completed after harvest to facilitate the accuracy of reported data. Second, grove owners were counted as operators for farm count purposes. Citrus caretakers were perceived as performing an agricultural service for grove owners and were not considered agricultural operators if they provided only services to grove owners. Caretakers were counted as agricultural operators if they managed land owned by the grove care company in addition to

providing services for grove owners. Data provided by caretakers were prorated to owners based on acreage and were transcribed onto the respective owner's census questionnaire.

In the 2002 census, 12 caretakers in Arizona reported 78 grove owners having 12,500 acres of citrus, 135 caretakers in Florida reported 2,400 grove owners having 232,000 acres of citrus, and 14 caretakers in Texas reported 351 grove owners having 14,500 acres of citrus.

**Colonies of bees and honey.** In the 2002 Census of Agriculture, colonies of bees were tabulated in the county where the home farm was located that owned the colonies. In the 1997 Census of Agriculture, colonies were tabulated in counties where the colonies were located. Colonies are often moved from farm to farm over a wide geographic area. Package bees are not included as separate colonies.

**Commodities raised and delivered under production contract.** A production contract is an agreement between a grower and contractor which specifies the grower will raise an agricultural commodity and the contractor (integrator) will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, which is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period. Marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price are not considered production contracts. Commodities sold to a co-op where some of the input items were purchased from the same co-op at a discount price were also excluded. Many operations produce only under production contracts or only independently. Some hog operations may produce hogs under production contract and also produce hogs which they sell independently. In the hog table, these farms and their inventories are shown under both categories.

**Commodity Credit Corporation loans.** This category includes nonrecourse marketing loans for wheat, corn, grain sorghum, barley, oats, cotton, rice, soybeans, graded wool, non-graded wool, mohair, honey, dry peas, lentils, small chickpeas, sunflower seed, flaxseed, canola, rapeseed, safflower seed,

mustard seed, crambe and sesame. These crops differ from those asked in the 1997 census due to changes in the 2002 Farm Bill.

**Conservation Reserve Programs or Wetlands Reserve Programs.** See Land enrolled in the Conservation Reserve Programs (CRP) or Wetland Reserve Programs (WRP).

**Crop units of measure - field crops.** The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

**Crop year or season covered.** Acres and quantity harvested are for the calendar year 2002 except for sugarcane for sugar in Florida and Texas and pineapples in Hawaii. Calendar year exceptions for the 1997 Census of Agriculture included citrus fruits, avocados, vegetables and sugarcane for sugar in Florida, sugarcane for sugar and citrus fruits in Texas, pineapples and coffee in Hawaii, and avocados and olives in California.

1) *Pineapples.* The data for Hawaii relate to the quantity harvested in the year ending May 31, 2002.

2) *Sugarcane for sugar.* The data for Florida relate to the cuttings from November 2001 through April 2002, and for Texas the cuttings from October 2001 through April 2002.

**Cropland, harvested.** See Harvested cropland.

**Cropland idle or used for cover crops or soil-improvement but not harvested and not grazed.** Cropland idle is included in 2002 but was not in the 1997 Census of Agriculture. In 1997, cropland idle was a separately reported category of land.

**Cropland, irrigated.** See Irrigated land.

**Cropland, other.** See Other cropland.

**Cropland, total.** See Total cropland.

**Cropland used only for pasture or grazing.** This category includes land used only for pasture or grazing which could have been used for crops without additional improvement. Also included were acres of crops hogged or grazed but not harvested prior to grazing. However, cropland which was pastured before or after crops were harvested was included as harvested cropland rather than cropland for pasture or grazing.

**Crustaceans.** Invertebrate animals with many jointed legs and a hard external shell. Examples include crawfish, prawns, shrimp, and softshell crabs. This was a new category for 2002.

**Customwork income.** See Total income from farm-related sources, gross before taxes and expenses - *Customwork and other agricultural services*.

**Customwork and custom hauling.** See Total farm production expenses - *Customwork and custom hauling*.

**Cut Christmas trees.** Data are for acres of Christmas trees in production and number of trees cut. They were reported as woodland crops. Live Christmas trees sold were reported as nursery crops.

**Data are based on sample of farms.** For censuses since 1978, selected data items were collected from only a sample of farms. These data are subject to sampling error. For the 2002 Census of Agriculture, the sample form was distributed to approximately 21 percent of all farms, including all large and specialized farms (based on expected sales or acres and all farms in Alaska and Rhode Island). Sections 17 through 21 of the 2002 Census of Agriculture sample form included questions on production expenses, fertilizers and chemicals application, machinery and equipment, market value of land and buildings, and farm labor.

**Depreciation expense claimed.** Depreciation is a new item for the 2002 Census of Agriculture. The calculation of total farm production expenses does not include depreciation because it is a capital expense. Depreciation allows the expensing of capital purchases over multiple years. It is not included in the calculation of Net Cash Farm Income.

**Expenses.** See Total farm production expenses.

**Farms by age and primary occupation of operator.** Data on age and primary occupation were obtained from up to 3 operators in the 2002 Census of Agriculture. The primary occupation classifications used were as follows:

- Farming. The operator spent 50 percent or more of his/her work time during the year 2002 at farming or ranching.
- Other. The operator spent more than 50 percent of his/her work time during the year 2002 at occupations other than farming or ranching. If the operator spent the majority of their work time at another agricultural operation, it was considered as "other".

The proportion of principal operators claiming "Farming or ranching" as their primary operation increased significantly since 1997. While there are demographic changes which support this increase, there is a concern that a 2002 forms design change may have also contributed to it. To reduce wording, no definition of "primary occupation" was printed on the 2002 report form. It was presumed to be self-explanatory. Some respondents may have checked the "yes" box by Item 5a, Farm or ranch operator, without understanding that it meant they were reporting their principal occupation.

Changes in the average age of the farm operator tend to support the increase in the farming occupation proportion. When compared with 1997 results, the average age of farmers has increased significantly in 2002. Older operators may be "retired" (with little if any sales) and still report farming as their principal occupation since they often have limited opportunity for off-farm jobs.

**Farms by combined government payments and market value of agricultural products sold.** This is the same as Farms by economic class. This item represents Total Value of Products Sold plus Government Payments. Total Value of Products Sold combines Total Sales not under production contract and Total Sales under production contract. Government Payments consist of Government Payments Received from the Conservation Reserve Program (CRP) and Wetlands Reserve Program

(WRP) plus Government Payments Received from Federal Programs Other than the Conservation Reserve Program, Wetlands Reserve Program, and Commodity Credit Corporation (CCC).

**Farms by economic class of farm.** Economic class of farm is a new concept for the 2002 Census of Agriculture and was not used in the 1997 Census of Agriculture. It is a combination of value of agricultural products sold and federal farm program payments. In the 1997 Census of Agriculture, the total value of agricultural products sold frequency distribution was called "Farms by Value of Sales" and did not include any government payments received by the operation.

**Farms by North American Industry Classification System (NAICS).** The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the United States. NAICS makes it possible to produce comparable industrial statistics for Mexico, Canada, and the United States. For the 2002 Census of Agriculture, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the NAICS code. The 2002 Census of Agriculture is the second census to use NAICS. Censuses prior to the 1997 Census of Agriculture used the old Standard Industrial Classification (SIC) system to classify farms.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academia and researchers, the business community, and the public. It is the first industry classification system that was developed in accordance with a single principle of aggregation that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in 2002.

***Oilseed and grain farming (1111).*** Comprises establishments primarily engaged in (1) growing

oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields. This category includes corn silage and grain silage. Government-payment only farms were coded as "other grain" farms (11119) in the 1997 census. In 2002, government-payment only farms were classified as "All other crop" (11199) farms.

***Vegetable and melon farming (1112).*** Comprises establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops, (2) producing vegetable and melon seeds, and (3) growing vegetable and/or melon bedding plants.

***Fruit and tree nut farming (1113).*** Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

***Greenhouse, nursery, and floriculture production (1114).*** Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. "Under cover" is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages of maturity and have annual and perennial life cycles. The nursery stock includes short-rotation woody crops, such as Christmas trees, that have a growing and harvesting cycle of 10 years or less.

***Other crop farming (1119).*** Comprises establishments primarily engaged in (1) growing tobacco, cotton, sugarcane, hay, sugarbeets, peanuts, agave, herbs and spices, and hay and grass seeds, or (2) growing a combination of the valid crops with no one crop or family of crops accounting for one-half of the establishment's agricultural production (value of crops for market). (3) Crops not included in this category are oilseeds, grains, vegetables and/or melons, fruits, tree nuts, greenhouse, nursery and/or floriculture products, tobacco, cotton, sugarcane or hay. Government payment only farms were coded as "other grain" farms (11119) in the 1997 census. In the 2002 census, government payments only farms were classified as "All other crop farming" (11199) farms.

*Tobacco farming (11191).* Comprises establishments primarily engaged in growing tobacco.

*Cotton farming (11192).* Comprises establishments primarily engaged in growing cotton.

*Sugarcane farming (11193).* Comprises establishments primarily engaged in growing sugarcane.

*Hay farming (11194).* Comprises establishments primarily engaged in growing hay such as alfalfa, clover, and/or mixed hay.

*Cattle Ranching and Farming (1121).* Comprises establishments primarily engaged in raising cattle, milking dairy cattle, or feeding cattle for fattening.

*Beef cattle ranching and farming (11211).* Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements). Farms having 100 acres or more of total pastureland were coded as beef cattle ranching and farming, including Feedlots (11211) in the 1997 census. In the 2002 Census of Agriculture, pastureland-only farms, those with only 100 or more acres of pastureland, were classified as "all other animal production" (11299).

*Cattle feedlots (112112).* Comprises establishments primarily engaged in feeding cattle for fattening.

*Dairy cattle and milk production (11212).* Comprises establishments primarily engaged in milking dairy cattle.

*Hog and pig farming (1122).* Comprises establishments primarily engaged in raising hogs and pigs. Activities may include breeding, farrowing, and the raising of weaner pigs, feeder pigs, or market size hogs.

*Poultry and egg production (1123).* Comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

*Sheep and goat farming (1124).* Comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

*Animal aquaculture (1125).* Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

*Other animal production (1129).* Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, animal aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equines, rabbits and other fur bearing animals, and so forth, and producing products, such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment's agricultural production (i.e., value of animals for market) are included in this industry group. Farms having 100 acres or more of total pastureland-only were only coded as "beef cattle farms" (112111) in the 1997 census. In the 2002 census, 100 acres or more of pastureland-only farms were classified as "other animal" (1129) farms.

**Farms by size.** All farms were classified into size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered part of the tenant's farm and not part of the owner's.

**Farms by tenure of operator.** All farms were classified by tenure of operator in the 2002 Census of Agriculture. The classifications used were as follows:

- Full owners operated only land they owned.
- Part owners operated land they owned and also land they rented from others.
- Tenants operated only land they rented from others or worked on shares for others.

**Farms by total value of sales.** See Market value of agricultural products sold.

**Farms by type of organization.** All farms were classified by type of organization in the 2002 Census of Agriculture. The classifications used were as follows:

- Individual or family (sole proprietorship), excluding partnership and corporation.
- Partnership, including family partnership—further subclassified into the following two categories:
  1. Registered under state law.
  2. Not registered under state law.
- Corporation, including family corporation—further subclassified into the following two categories:
  1. Family held or other than family held.
  2. More than 10 stockholders.
- Other, cooperative, estate or trust, institutional, etc.

**Farms or farms reporting.** The terms “farms” and “farms reporting” in the presentation of data are equivalent. Both represent the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves . . . farms. . . .	842
. . . number. . .	28,594

**Farm or ranch operator.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Farms with sales and government payments of less than \$1,000.** This category includes farms with combined sales and governments payments of less than \$1,000 but having the potential for sales of \$1,000 or more. In this category, government payments are included in calculating that potential. It provides information on all items for farms that normally would be expected to sell agricultural products of \$1,000 or more but had sales and government payments of less than \$1,000.

**Farms with sales of less than \$1,000.** This category includes farms with sales of less than \$1,000 but having the potential for sales of \$1,000 or more. Some of these farms had no sales in the census year. It provides information on all report form items for farms that normally would be expected to sell agricultural products of \$1,000 or more.

**Fertilizer.** See Total farm production expenses - *Commercial fertilizer*.

**Floriculture crops.** For the 2002 Censuses of Agriculture, data for floriculture crops are a total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants.

**Forage - land used for all hay and all haylage, grass silage, and greenchop.** Data shown represent the area harvested with each acre counted only once if both dry hay and haylage, grass silage, or greenchop were cut from the same acreage or if there were multiple cuttings of dry hay or haylage, grass silage, or greenchop. Forage production is the sum of the quantity harvested of all hay including alfalfa, other tame, small grain, and wild hay and all haylage, grass silage and greenchop after converting the all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis (13 percent moisture). The green tons of all haylage, grass silage, and greenchop harvested were multiplied by a factor of .4943 to convert to a dry equivalent.

The conversion factor of .4943 is based on the assumption that one ton of dry hay is .87 ton of dry matter, one ton of haylage or grass silage is .45 ton dry matter, and one ton of greenchop is .25 ton dry matter. The all haylage, grass silage, and greenchop quantity harvested is assumed to be comprised of 90 percent haylage and grass silage and 10 percent greenchop. Therefore, the conversion factor used to adjust all haylage, grass silage, and greenchop quantity harvested to a dry equivalent basis =  $((.45*.9) + (.25*.1))/.87 = .4943$ .

**Fruits and nuts.** In the 2002 Census of Agriculture, total acres, bearing acres, and nonbearing acres were collected. This was a change from the 1997 Census of Agriculture when total acres, bearing trees or vines, nonbearing trees or vines, and quantity harvested were collected.

**Grain storage capacity.** This is a new item for the 2002 Census of Agriculture. Data include the capacity of all storage structures normally used to store whole grains or oilseeds. These structures can be silos, bins, buildings, trailers, etc. The capacity or usage of any off-farm public or commercial storage facilities was excluded.

**Grains, oilseeds, dry beans, and dry peas sales.** Data are for the total market value of cash grains sold, including corn for grain or seed, wheat for grain, soybeans for beans, sorghum for grain or seed, oats for grain, and other grains. Also included are the total market value of cash oilseeds sold, including sunflower (oil and non-oil), flaxseed, canola, rapeseed, safflower seed, mustard seed, dry beans and dry peas. In the 2002 Census of Agriculture, this category included the value of corn silage and sorghum silage which were included with hay in the 1997 Census of Agriculture.

**Harvested cropland.** This category includes land from which crops were harvested, hay was cut, and land was used to grow short-rotation woody crops, land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees is included in woodland not pastured.

**Hay - all hay including alfalfa, other tame, small grain, and wild.** Data shown represent the acreage and quantity harvested of all types (alfalfa, other tame, small grain, and wild). The quantity harvested was reported in dry tons (dry weight at the time the hay was removed from the field for storage or feeding).

If two or more cuttings of haylage, grass silage, or greenchop were made from the same field, the acreage was reported as acres harvested of the appropriate haylage category only once, but the tonnage from all cuttings was combined in the corresponding quantity harvested. Straw acreage and production is excluded.

If dry hay was cut from the same land which haylage, grass silage, or greenchop was cut, the acreage and production for that land was reported as dry hay as well as acreage and production of the appropriate haylage category. For example, if 20 acres of alfalfa

were cut for hay and then the same land was used to produce alfalfa haylage, 20 acres and the quantity harvested of hay was reported as Alfalfa and alfalfa mixtures for dry hay and 20 acres and the quantity harvested of haylage were reported as Haylage or greenchop from alfalfa or alfalfa mixtures.

**Hay - other tame hay.** Data shown represent acreage and dry tons of hay harvested from clover, fescue, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume (excluding alfalfa) and tame grasses (excluding small grains).

**Hay - wild hay.** Data shown represent acreage and dry tons of hay harvested that was predominately wild or native grasses, even if it had some fill-in seeding of other grasses.

**Haylage, grass silage, and greenchop - Alfalfa and all other.** Data shown represent the acreage and quantity harvested of all types (alfalfa and all other). The quantity harvested was reported in green tons. Straw acreage and production was excluded.

**Herbs, fresh cut.** This item does not include herbs dried or otherwise processed.

**Hired farm labor.** Data are for total hired farm workers, including paid family members, by number of days worked.

**Hogs and pigs by type of operation.** Hog and pig farms were classified by type of operation in 2002. Operation types were farrow to wean, farrow to feeder, farrow to finish, nursery, finish only, and other. Multiple operation type descriptions were applicable for some respondents. More than one operation type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Tables 25 and 26 may not match the inventory and sales data in other publication tables for this reason. Any operation type reported, other than those specified in Tables 25 and 26, were not published.

**Hogs and pigs by type of producer.** Hog and pig farms were classified by type of producer in 2002. Producer types were independent grower, contractor or integrator, and contract grower (contractee). Multiple producer type descriptions were applicable for some

respondents. More than one producer type description was accepted and the reported inventory and sales data were assigned to each reported type. The inventory and sales data in Tables 23 and 24 may not match the inventory and sales data in other publication tables for this reason.

**Honey.** In the 2002 Census of Agriculture pounds of honey produced were tabulated. In the 1997 Census of Agriculture pounds of honey sold were tabulated.

**Income.** In the 2002 Census of Agriculture, total income of the operation was distributed into three components: the operator(s), the landlord(s), and the contractor(s). The total net cash farm income of the operation is similar to the net cash returns for the 1997 Census of Agriculture. The difference between net cash income and net cash returns is that net cash returns did not include government payments and Other farm-related income as income. Only net cash farm income of the operation and net cash farm income of the operator(s) are published in 2002. This income component of the contractor was parameter generated and therefore is not published. To effectively suppress it, it is necessary to also not publish the landlord component. For their specific definition see Net cash farm income of the operation or Net cash farm income of the operator.

**Income from farm-related sources.** See Total income from farm-related sources, gross before taxes and expenses.

**Institutional, Research, Experimental, and American Indian Reservation Farms.** Institutional, research, and experimental farms were previously called “Abnormal farms”. In the 2002 publication these farms were combined with Indian Reservation farms into one category. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

**Irrigated land.** This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was counted only once regardless of the number of times it was irrigated

or harvested. Livestock lagoon waste water distributed by sprinkler or flood systems was also included.

**Land enrolled in Federal or other crop insurance programs.** The 2002 Census of Agriculture collected information on the number of acres under Federal or other crop insurance policies for the first time. Crop insurance protects farmers from crop losses due to natural hazards. It is underwritten by the Risk Management Agency of the US Department of Agriculture and sold by private firms and insurance agents. Crop insurance is also available in selected states for rangeland/pastureland. In some instances, cropland insured exceeds available cropland because in some states pasture land is insured and included.

**Land enrolled in the CRP or WRP program.** Land enrolled in the CRP or WRP program is land within the Conservation Reserve Program or Wetlands Reserve Program. The Conservation Reserve Program (CRP) is a program established by the USDA in 1985 to take land prone to erosion out of production for 10 to 15 years and devote it to conserving uses. In return, farmers receive an annual rental payment for carrying out approved conservation practices on the conservation acreage. The Wetlands Reserve Program (WRP) is a voluntary program offering landowners financial incentives to enhance wetlands in exchange for retiring marginal agricultural land. To be eligible, land must be restorable and provide significant wetland and wildlife habitat. The program offers landowners three options: permanent easements, 30-year easements, and restoration cost-share agreements of a minimum 10-year duration.

For the 2002 census, operations with land enrolled in the CRP or WRP were counted as farms, given they received \$1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have \$1,000 or more in sales.

**Land in berries harvested for sale.** Total acres harvested for berries was collected as a category in all States in the 2002 Census of Agriculture. In the 1997 Census of Agriculture it was a summation of the individual types of berries reported.

**Land in farms.** The acreage designated as “land in farms” consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland

and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the edit process. Land in farms includes acres in the Conservation Reserve and Wetlands Reserve Programs.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was reported by the grazing association and

included as land in farms. All land in American Indian reservations used for growing crops or grazing livestock was included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans was reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

**Land in orchards.** This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of fewer than 20 total fruit, citrus, or nut trees or grapevines.

**Land in two or more counties.** With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. Reports received showing land in more than one county were separated into two or more reports if the data would substantially distort county totals.

**Land used for vegetables.** Data are for the total land used for vegetable and melon crops. The acres were reported only once, even though two or more harvests

of a vegetable or more than one vegetable were harvested from the same acres.

**Land used to raise certified organically produced crops.** This is a new item in the 2002 Census of Agriculture. Certified organic crops are those that are certified by a Federal, state, or private certification agency. The count of farms producing certified organic crops may differ from that found in other sources because this item is self reported by respondents. No attempt was made to verify reports with certifying organic organizations. The acres reported in this item must be less than or equal to the acres reported as cropland harvested for each operation.

**Landlord's share of the total sales.** This is the percentage of the operation's sales that goes to the landlord(s). This is a new item for the 2002 Census of Agriculture.

**Layers 20 weeks old and older.** This category includes layer hens in molt and other layer hens and pullets 20 weeks old and older. In the 1997 Census of Agriculture, the category included layer hens in molt and other layer hens and pullets 13 weeks old and older.

**Layers and pullets sold.** The 1997 Census of Agriculture, the questionnaire asked for layers sold and a combined total of pullets and pullet chicks sold. In the 2002 Census of Agriculture, the report form asked separately for layers sold and pullets sold.

**Location of agricultural activity.** The county in which the largest value of agricultural products were raised or produced is the county in which the reported farm or ranch data were tabulated. The only exception is Bloomfield County, Colorado which was formed in 2001. Data for what is now Bloomfield are included in the Adams County, Colorado tabulations. See Approximate land area.

**Maple syrup.** Maple syrup production is a new item for the 2002 Census of Agriculture. In the 1997 Census of Agriculture, acres of tapped maple trees and number of taps were published. For the 2002 Census of Agriculture, number of taps and gallons of syrup produced are published. Acres of tapped maple trees are included in woodland not pastured.

**Market value of agricultural products sold.** This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2002 regardless of who received the payment. It is equivalent to total sales. It includes sales by the operator(s) as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. The value of commodities placed in Commodity Credit Corporation (CCC) loans is included in this figure. For the 2002

Census of Agriculture, the market value of agricultural products sold calculation does not include payments received for participation in other federal farm programs. Also, it does not include income from farm-related sources such as customwork and other agricultural services, or income from non-farm sources.

The value of crops sold in 2002 does not necessarily represent the sales from crops harvested in 2002. Data may include sales from crops produced in earlier years and may exclude some crops produced in 2002 but held in storage and not sold. For commodities such as sugar beets and wool sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 2002.

The value of agricultural products sold was requested of all operators. If the operator(s) failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory, or number sold. Caution should be used when comparing sales in the 2002 Census of Agriculture with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation. The value of sales of some livestock and animal specialties were asked separately in the 1997 Census of Agriculture and were combined into categories in the 2002 Census of Agriculture as follows:

- horses and ponies were combined with horses, ponies, mules, burros, and donkeys.
- colonies of bees and honey were combined with other animals and products.
- milk goats were combined with sheep, goats, and their products.

- angora goats were combined with sheep, goats, and their products.
- mink and their pelts were combined with other animals and products.
- rabbits and their pelts were combined with other animals and products.

**Meat and other goats.** This is a name change only. The 1997 Census of Agriculture name was Other goats.

**Migrant farm labor on farms.** Information on migrant workers was collected for the first time in the 2002 Census of Agriculture. Farms were asked whether any hired or contract workers were migrant workers, defined as a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day. Information on farms that used only contract labor was available from the production expense section.

**Misreported or miscoded crops.** In a few cases, data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a write-in crop code. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

**More than one race reported.** This category represents those operators who chose to report more than one race on the census form. Tabulating more than one race is new for the 2002 Census of Agriculture. In past censuses, respondents were allowed to mark only one race. In such instances they may have chosen one particular race (ie. white) or chosen the category "other" when they might have chosen multiple races in 2002.

**Mollusks:** Invertebrate animals with soft body covering and shells of 1-18 parts or sections. Examples include abalones, clams, mussels, oysters, snails, and quahogs. This was a new category for 2002.

**Net cash farm income of the operation.** This concept is derived by subtracting total farm and farm-related expenses from total sales, government payments, and other far-related income. Net cash farm income of the operation includes the value of commodities produced under contract by the contract growers.

For publication purposes, farms are divided into two categories:

- 1) Farms with net gains. Farms with net gains include those operations that broke even.
- 2) Farms with net losses.

**Net cash farm income of the operator.** This value is the operator's total revenue (fees for producing under contract, total sales not under contact, government payments, and farm-related income) minus total expenses paid by the operator. Net cash farm income of the operator removes the value of contract commodities produced and acknowledges the income the operator(s) received for services performed by the contractor. Net cash farm income of the operator is a new concept for the 2002 census.

For publication purposes, farms are divided into two categories:

- 1) Farms with net gains. Farms with net gains include those operations that broke even.
- 2) Farms with net losses.

**Number of households sharing in net income of farm.** This is a new item in the 2002 census. Households receiving income that were not to be included were those that received funds because they are only landlords, custom equipment operators, or provided other production supplies. The entry here can exceed the number of operators listed under Operators, all.

**Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated.** Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding/garden plants, etc., grown in the open.

**Nursery, greenhouse, floriculture, mushrooms, sod, and vegetable seeds grown for sale.** These data are summations of the individual items reported. They do not include cut Christmas trees for 2002 but they were included in the 1997 Census of Agriculture. Cut Christmas trees were reported under "Woodland Crops" in the 2002 Census of Agriculture.

**Nursery stock crops.** This is a name change only. The 1997 Census of Agriculture name was Nursery Crops.

**Occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Operators, all.** The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For the first time, the census form collects information on the total number of operators on a farm. A family operation may have more than one operator. The report form collects demographic information for up to three operators, though the count of all operators is collected as well. The number of operators will no longer equal the number of farms.

**Operator characteristics.** All operators were asked to report age, race, sex, place of residence, principal occupation, year in which his/her operation of the farm began, Spanish, Hispanic, or Latino origin, residence on an American Indian reservation, and the number of persons living in the operator's household. In addition, the principal operator was asked to report the percent of total household income that came from the farm operation. Unlike the 1997 Census of Agriculture, all operator characteristics in the 2002 Census of Agriculture were subject to imputation based on information reported by farms with similar acreage, tenure, value of sales, and location. Operators of Spanish, Hispanic or Latino origin were tabulated by reported race. Information on operator characteristics was collected up to a maximum of three

operators per farm, though operations were asked to report the total number of operators and total of women operators on the farm. In 1997, no imputation was made for nonresponse to place of residence; Spanish, Hispanic or Latino origin; off farm work; or year began operation.

**Operators of Spanish, Hispanic, or Latino origin.** See Spanish, Hispanic or Latino origin.

**Oranges, all.** All oranges is a summation of Valencia and all other oranges. Total acres, bearing acres, and nonbearing acres were collected by category in the 2002 Census of Agriculture. In the 1997 Census of Agriculture total acres, bearing trees, and nonbearing trees were collected as all oranges.

**Oranges, Valencia.** This is a new item for the 2002 Census of Agriculture. See Oranges, all for further explanation.

**Oranges, other.** This is a new item for the 2002 Census of Agriculture and includes all oranges, including Navel, other than Valencia. See Oranges, all for further explanation.

**Ornamental fish.** Various fish raised for water gardens, aquariums, etc. Examples include angel fish, guppies, koi, ornamental goldfish, and tropical fish. This was a new category for 2002.

**Other animals.** In the 1997 Census of Agriculture deer, elk, bison, and llamas were included in all other livestock. In the 2002 Census of Agriculture each species is reported separately.

**Other animals and other animal products sold.** This category includes all animals and animal products not having specific codes on the 2002 Census of Agriculture report form. Different animals are in this category when compared to the 1997 census.

**Other aquaculture products.** Examples include the production of alligators, frogs, leeches, live rock, salamanders, turtles, fingerlings, and egg and seed stock. This category is different from 1997 so the two years cannot be compared.

**Other cattle.** In the 1997 Census of Agriculture, other cattle included heifers and heifer calves, steers, steer

calves, bulls, and bull calves. In the 2002 Census of Agriculture, other cattle included heifers, steers, bulls 500 lbs and over, and all calves under 500 lbs.

**Other citrus.** Data shown for Other citrus relate to any citrus not having a specific code in the 2002 Census of Agriculture. This category can differ from one census to the next. K-Early Citrus and Temples were individually coded in the 2002 Census of Agriculture and are not included in this category as they were in the 1997 Census of Agriculture.

**Other cropland.** This includes all cropland other than cropland harvested or cropland pastured.

**Other crops and hay sales.** Data are for the total market value of all crops not categorized into one of the prelisted sales categories. It includes crops such as grass seed, hay and grass silage, haylage, greenchop, hops, maple syrup, mint for oil, ginseng root, peanuts, sugarcane, sugar beets, etc. The inclusion of hay into this category is new for the 2002 Census of Agriculture.

**Other crops under production contract.** Data are for the total number of farms that have production contracts for other crops. This category includes all crops except grains, oilseeds, vegetables, melons, potatoes, and sweet potatoes. These data are new for the 2002 Census of Agriculture.

**Other fish.** This category includes fish that could not be identified as belonging to one of the other categories on the 2002 Census of Agriculture report form. This item is not directly comparable to the 1997 Census of Agriculture.

**Other food fish.** Fish, other than catfish and trout, raised on farms for food. Examples include hybrid striped bass, moi, salmon, sturgeon, and tilapia. This was a new category for 2002.

**Other fruits and nuts.** Data shown for Other fruits and nuts relate to any fruits and nuts not having a specific code on the 2002 Census of Agriculture report form.

**Other land.** This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It includes those acres in the farm operation not

classified as cropland, pastureland, or woodland.

**Other livestock and livestock products.** This category includes all livestock and livestock products not having specific codes on the 2002 Census of Agriculture report form.

**Other noncitrus fruit.** Data shown for Other noncitrus fruit relate to any noncitrus fruit not having a specific code on the 2002 Census of Agriculture report form.

**Other nursery and greenhouse crops.** Data for Other nursery and greenhouse crops relate to any nursery and greenhouse crop not having a specified code on the 2002 Census of Agriculture report form.

**Other tame hay.** See Hay - other tame hay.

**Pastureland and rangeland, other than cropland and woodland pastured.** This land use category is very inclusive and encompasses all grazable land that does not qualify as cropland pasture. It may be irrigated or dry land. In some areas, it can be a high quality pasture but could not be cropped without improvements. In other areas, it is barely able to be grazed and is only marginally better than waste land.

**Patronage dividends.** See Total income from farm-related sources, gross before taxes and expenses.

**Payments received by the contractee for commodities produced under contract.** These data show the number of farms and the dollar amount the contractees received from contractors for commodities produced under contract. This is not the market value of the commodities delivered, but the payment or fee the operator(s) received for commodities delivered. The 2002 Census of Agriculture was the first time this information was collected and published.

**Peaches, all.** Data for all peaches were collected as a category in all States except for California and Arizona. Peach data in California and Arizona was collected separately for clingstone and freestone peaches. The data were later combined to all peaches for publication. Data for clingstone and freestone are found in the California and Arizona publications only.

**Peaches, Clingstone.** Data were collected only in

California and Arizona for clingstone peaches. All other States are included in the Peaches, all category. See Peaches, all for further explanation.

**Peaches, Freestone.** Data were collected only in California and Arizona for freestone peaches. All other States are included in the Peaches, all category. See Peaches, all for further explanation.

**Pears, all.** Data for all pears were collected as a category in all States except for California, Arizona, Idaho, Oregon, and Washington. These States collected data separately for Bartlett pears and other pears which were latter combined to the Pear, all category. Data for Bartlett and other pears are found only in the State publications where collected.

**Pears, Bartlett.** Data were collected only in California, Arizona, Idaho, Oregon, and Washington for Bartlett pears. All other States are included in the Pears, all category. See Pears, all for further explanation.

**Pears, other.** Data were collected only in California, Arizona, Idaho, Oregon, and Washington for other pears. All other States are included in the Pears, all category. See Pears, all for further explanation.

**Peas, green southern (cowpeas) - blackeyed, crowder, etc.** This is a name change only. In the 1997 Census of Agriculture, the name was "Green Cowpeas and Green Southern Peas".

**Peppers, Bell.** Data include only Bell type peppers. All other peppers are in the Chile pepper category.

**Peppers, Chile (all peppers - excluding Bell).** This includes all peppers not classified as a Bell pepper. This includes some sweet peppers such as Banana peppers and pimento peppers, as well as all hot peppers.

**Plums.** This was reported as an individual item only in California and Arizona. All other States reported plums in the Plum and Prune category.

**Poultry hatched.** This category includes all poultry hatched on the place during the year. The number of poultry hatched is under the heading "Sold" for both years. Incubator egg capacity was not asked in the

2002 Census of Agriculture.

**Primary occupation.** See Operator characteristics and/or Farms by age and primary occupation of operator.

**Principal operator.** The person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. This person may be a hired manager or business manager. See Operators, all for further explanation.

**Production expenses.** See Total farm production expenses.

**Prunes.** This was reported as an individual item only in California and Arizona. All other States reported prunes in the Plum and Prune category.

**Pullets.** In the 2002 Census of Agriculture, pullet inventory for laying flock replacement was tabulated. In the 1997 Census of Agriculture, pullets were separated into two categories of less than 13 weeks old and 13 to 19 weeks old. The two categories in the 1997 Census of Agriculture must be added together to be comparable to the 2002 Census of Agriculture. In the 1997 Census of Agriculture, pullets and pullet chicks sold was asked. In the 2002 Census of Agriculture, the questionnaire asked for pullets sold or moved from the operation.

**Race of operator.** In previous censuses, some tables were categorized by Black and other races. In this census, operator and farm characteristics are provided for six categories: White, Black or African-American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, Asian, and those operators reporting more than one race. Respondents were asked to mark one or more of the race categories. Operators who marked more than one race category are listed in the "More than one race" columns on State Tables 47 and 52, and County Table 46.

On all regional forms except for Hawaii, there are five race categories listed: White, Black or African American, American Indian or Alaska Native, Native Hawaiian or Other Pacific Islander, and Asian. On the Hawaiian form, there are 10 race categories: White, Black or African American, American Indian or Alaska Native, Native Hawaiian, Other Pacific

Islander, Japanese, Chinese, Korean, Filipino, and Other Asian.

In Hawaii, the combination of the Native Hawaiian and Other Pacific Islander categories is equivalent to the Native Hawaiian or Other Pacific Islander category on the other forms, and the combination of the Japanese, Chinese, Korean, Filipino, and Other Asian categories is equivalent to the Asian category. As on all regional forms, respondents are requested to mark one or more race categories. The US publication only displays counts for the categories Native Hawaiian and Other Pacific Islander and Asian. Data for the ten Hawaiian race categories is published in the Hawaiian publication only.

**Rental of farmland.** See Total income from farm-related sources, gross before taxes and expenses.

**Sales, total.** See Market value of agricultural products sold.

**Sheep and lamb inventory.** In the 2002 Census of Agriculture, respondents were asked to report sheep and lambs of all ages owned. In the 1997 Census of Agriculture, respondents were asked to report sheep or lambs on their place regardless of ownership.

**Short-rotation woody crops.** A short-rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry or as engineered wood. This does not include lumber.

**Size of farm.** See Farms by size.

**Sorghum syrup.** While the question on the census report form did ask for pounds of sorghum syrup produced, responses indicate that some respondents reported cane harvested for syrup while others reported the syrup produced. With such varying amounts of production reported (tons and pounds of cane as well as pounds and gallons of syrup), a significant amount of manual review and correction would have been needed for this item. Instead the data were summarized and published as reported.

**Spanish, Hispanic or Latino origin.** Operators of Spanish, Hispanic or Latino origin are found in all of the racial groups listed in the census and were

tabulated according to the race reported, as well as on tables pertaining only to this group.

**Sport or game fish:** Farm-raised fish for sport or game fishing. Examples include bluegill, crappie, largemouth bass, muskie, northern pike, small mouth bass, and sunfish. This was a new category for 2002.

**Temples.** This is a new item on the 2002 Census of Agriculture. In previous censuses, respondents may have reported temples as either oranges or other citrus fruit.

**Tenure.** See Farms by tenure.

**Total cropland.** This category includes cropland harvested; cropland used only for pasture or grazing; cropland idle or used for cover crops or soil improvement but not harvested and not pastured; cropland on which all crops failed; and cropland in cultivated summer fallow.

**Total farm production expenses.** Includes the production expenses provided by the operator(s), partner(s), landlords (excluding property taxes) and production contractor(s) for the farm business in 2002. Tenant farmers reported expenses paid by landlords for the agricultural production on "THIS OPERATION," as well as their expenses. Farm or ranch operators who rented part of their land to others only reported only the expenses for the land they actually used themselves and not expenses for land rented to others. The 2002 total farm production expenditure concept includes all farm-related expenses such as: customwork fuel costs, cost of cutting timber, hunting supplies provided to hunters, cooperative membership fees, etc. However, if the income from these farm-related categories are not considered a part of the operation; that is, if the income was regarded as derived from a separate business, then the associated expenses are not included. The contractor's portion of expenses was based on computer generated estimates for 2002.

This item excludes expenses relating to non-farm activities such as trading and speculation in the commodities market or livestock trading activities were excluded. Explanations of selected production expenses are listed below.

**Agricultural chemicals.** These 2002 expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

**All other livestock and poultry purchased.** These expenses include the total amount spent by the operator(s), his/her landlord, and by others for all non-breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. All other livestock and breeding livestock were combined in the 1997.

**All other production expenses.** This category includes all expenses not listed in previous categories. Examples would include animal health cost, storage and warehousing, marketing and ginning expenses, insurance, etc. Health expenses and payroll taxes were excluded. In the 1997 Census of Agriculture, lime expenses and irrigation water costs were collected and published in the "all other production" expenses. In the 2002 census, lime is included with fertilizer and irrigation water costs are a utility.

**Breeding livestock and poultry purchased.** These expenses include the total amount spent by the operator(s), his/her landlord, and others for all breeding livestock and poultry bought during 2002 for production on the farm or ranch. The total includes amounts spent for cows, heifers, bulls, sows, gilts, boars, rams, lambs, ewes, roosters, hens, layers, etc. Estimations of the value of livestock or poultry fed on a custom basis were to be made based on their value when they arrived on the farm or ranch. Breeding livestock and all other livestock were combined in the 1997 Census of Agriculture.

**Cash rent paid in 2002.** These data include the cost of renting land and buildings that are part of this operation. Rent paid for the operator's dwelling or other non-farm property and the value of the shares of crops and livestock paid to landlords were excluded.

**Commercial fertilizer.** The expense for commercial fertilizer is the amount spent on all forms of fertilizer and lime including rock phosphate and gypsum during 2002. It also includes the cost of custom application. In the 1997 Census of Agriculture, lime expenses were collected and published in the "all other production

expenses category".

*Contract labor.* These data include 2002 payments made to contractors, crew leaders, cooperatives, or any other organization hired to furnish a crew of laborers to do a job that may involve one or more agricultural operations. In some cases, a crew leader may furnish some equipment. Expenses made on a contractual basis for repair or maintenance or for capital improvements, such as construction of farm buildings, installation of fences or irrigation systems, and land leveling were excluded.

*Customwork and custom hauling.* These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. Some examples of customwork are plowing, spraying, harvesting, preparation of products for marketing, grinding and mixing feed, combining, corn picking, grain drying, and silo filling. The cost of custom application of fertilizer and chemicals is included in expenditures for fertilizer and chemicals in 2002, just as it was in the 1997 Census of Agriculture. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense. In the 1997 Census of Agriculture, the expenses for custom work was combined with rent and lease expenses of machinery.

*Feed for livestock and poultry.* These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc. during 2002.

*Gasolines, fuels and oils purchased.* These expenses include the cost of all gasoline, diesel, natural gas, L.P. gas, motor oil and grease products for the farm during 2002. It excludes fuel for personal use of automobiles by the family and others. Fuel used for cooking and heating the farm house, or any other use outside of farmwork are not included as expenses. Fuel cost questions were divided into four groups in the 1997 Census of Agriculture. In the 2002 Census of Agriculture, fuel cost questions were collapsed into one item.

*Hired farm and ranch labor.* These 2002 expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. It includes social security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

*Interest paid on debts.* Interest and finance charges paid in 2002 on mortgage loans for land and buildings on the operation are included in this section. Interest expenses excluded from this category are non-farm interest expenses, machinery and equipment interest expenses used for customwork, or other operation. Interest expenses from the owner\operator(s) dwelling where the amount is separate from interest on farm land and buildings on the operation are excluded. Interest paid on debts two categories:

- 1) *Interest paid on debts secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by real estate for the farm.
- 2) *Interest paid on debts not secured by real estate.* These data include all interest expenses paid in 2002 on debts secured by machinery, tractors, trucks, other equipment, livestock, poultry, breeding stock, money borrowed for use as working capital, and interest paid on CCC loans for the farm.

*Property taxes paid in 2002.* These data include property taxes paid by the operator(s) for the farm share of land, machinery, livestock, buildings and livestock.

*Rent and lease expense for machinery.* These data include the farm share cost of renting or leasing machinery, equipment, and vehicles during 2002. Rental and lease expenses of items used only for custom hire are excluded here. In the 1997 Census of Agriculture, "rent and lease expenses for machinery" were combined with "customwork expenses".

*Seed cost.* These expenses include the cost of all seeds, bulbs, plants, propagation materials, trees, etc. purchased during 2002. Excluded were items purchased for immediate resale or the value of seed grown on this place.

*Supplies, repairs and maintenance.* These expenses include all costs for the repair and upkeep of buildings, motor vehicles, fences, and farm equipment used for the farm business during 2002. Repairs to equipment used both for the farm business and for performing customwork are included.

*Utilities.* These data show the farm share cost of electricity, telephone charges, internet fees and water purchased in 2002. Included in the water cost is water purchased for irrigation purposes, automatic feeders, farrowing houses, milking equipment, or any other machinery and equipment used for the operation. Household costs were excluded from these items. Electricity expense was the only cost that was collected and published in the 1997 Census of Agriculture. The purchase of irrigation water was collected under "all other production expenses" in the 1997 Census of Agriculture.

**Total income from farm-related sources, gross before taxes and expenses.** This includes gross income from farm-related sources received in 2002 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. The data exclude income from employment or business activities which are separate from the farm business.

Categories that make up the farm-related income calculation changed between the 1997 and 2002 Censuses of Agriculture. For the 2002 Census of Agriculture publication, patronage dividends and refunds from cooperatives and recreational services are published separately. In the 1997 Census of Agriculture, these categories were combined with other income from farm-related sources.

*Customwork and other agricultural services.* This income includes gross receipts received by the farm operator(s) for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constituted a separate business or was conducted from another location.

*Rental of farmland.* This income includes gross cash or share payments received from renting out farmland,

payments received from the lease or sale of allotments for crops such as tobacco, and payments received for livestock pastured on a per-head, per month, or per-pound basis. It excludes rental income from nonfarm property.

*Sales of forest products.* This income includes gross receipts from sales of standing timber, pulpwood, firewood, and other forest products from the farm business and gum for naval stores. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees, maple products, and short-rotation woody crops.

*Recreational services.* This includes income from recreational services such as hunting, fishing, etc. For the 2002 Census of Agriculture, recreational services is reported separately and is not contained in Other farm-related income as it was in the 1997 Census of Agriculture.

*Patronage dividends and refunds from cooperatives.* For the 2002 Census Agriculture, patronage dividends and refunds from cooperatives has its own category and is not contained in Other farm-related income as it was in the 1997 Census of Agriculture. These are payments to a farmer or rancher for business done with a co-operative to which he usually belongs. The payment is usually for goods sold through the co-op.

*Other-farm related income sources.* This is other income which is closely related to the agricultural operation. This income includes animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, Federal/state/local tax refunds, state farm program payments, insurance payments for crop and livestock payments losses, etc. For the 2002 Census of Agriculture, other farm-related income sources is published separately and is not combined with recreational services and patronage dividends and refunds from cooperatives when compared to the 1997 Census of Agriculture.

**Total sales.** See Market value of agricultural products sold.

**Total value of products sold and government payments.** This term is the same as the new Farms by economic class of farm frequency distribution being used in the majority of the 2002 Census of Agriculture

publication. The combination of sales and government payments may be a better measure of the economic size of farm because government payments, coupled with sales, represent all income resources of an operation, other than income from farm-related sources. All farms were tabulated by economic size based on the summation of sales and government payments. This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 2002 and government payments regardless of who received the payment. It includes sales by the operator(s) as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. It does not include government payments received by landlords. The value of commodities placed in Commodity Credit Corporation (CCC) loans is included in this figure.

**Turkeys.** In the 2002 Census of Agriculture, total turkey inventory and sales were tabulated. In the 1997 Census of Agriculture, turkeys were separated into two categories - slaughter and breeding. The two categories must be added together to be comparable to the 2002 Census of Agriculture. Turkeys sold include sales for slaughter and sales or movement to other farms. This may result in more than one sale per turkey.

**Type of organization.** See Farms by type of organization.

**Value of agricultural products sold directly to individuals for human consumption.** This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible products such as nursery crops, cut flowers, and wool but includes livestock sales. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

**Value of agricultural products received by landlord(s).** This category includes the value of agricultural sales received by the landlord(s). This is a new item for 2002.

### **Value of certified organically produced agricultural**

**commodities.** This item represents the value of certified organically produced agricultural commodities sold from this operation during 2002. This is the first time organic sales data were collected and published. These sales may come from either crop or livestock production. It was the intention of the question to collect only those products that were certified as organic by a government, grower organization, or similar entity.

Value of commodities under production contract. These data show the number of farms and the value of all commodities under production contract. The 2002 Census of Agriculture is the first time specific contract data were published.

**Value of sales.** See Market value of agricultural products sold.

**Vegetables harvested for processing.** This is a new item for the 2002 Census of Agriculture. The data are available for selected vegetables that are commonly processed.

**Vegetables harvested for sale.** The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown. When more than one vegetable crop was harvested from the same acreage, acres were counted for each crop.

**Wheat for grain.** Wheat was listed on the report form by type (Durum wheat, winter wheat, and spring wheat other than Durum) in the 2002 Census of Agriculture. For the 1997 Census of Agriculture, wheat for grain was listed on some regional report forms. This non-specific wheat for grain data, collected in the 1997 Census of Agriculture, is not included in this publication. Therefore, the 1997 Census of Agriculture data by type may not add to All wheat for grain.

**Woodland pastured.** This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and, therefore, was not included in woodland pastured.

**Woodland, total.** This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products and woodland pastured. Land covered by sagebrush or mesquite was reported as other pastureland and rangeland or other land. Land planted for Christmas tree production was reported in cropland harvested, and land in tapped maple trees reported as woodland not pastured.

**Write-in crops.** To reduce the length of the report

form, only the major crops for each region were prelisted on the form. For other crops, the respondent was asked to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code into the appropriate “all other” category for that section. Write-in crops coded as “all other” were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate “all other” category.

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## Appendix B. American Indian and Alaska Native Farm Operators

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Appendix B provides additional agricultural census data for farms and ranches operated by American Indians or Alaska Natives. Census report forms asked respondents to identify the race of up to three operators per farm or ranch. The race category of "American Indian or Alaska Native" could be selected as either a single race or in combination of other races as part of a multi-racial identification. Appendix B tables include data for farms or ranches whose operators self-identified as American Indian or Alaska Native either as a single race or in combination with other races. Appendix B is the only part of the volume 1 publication that includes this breakout of multi-race designation. Tables in other parts of the publication include as American Indian or Alaska Native only those operators with single-race identification. All multi-race identifications are combined together in the category "more than one race reported."

To improve coverage of reservation agriculture, special procedures were followed in the census. A reservation-level census report form was obtained from knowledgeable reservation officials of most large reservations. These reports covered agricultural activity on the entire reservation. NASS reviewed these data and removed duplication with any data reported by American Indian or Alaska native farm operators who responded on an individual census report form. Additionally NASS obtained, from knowledgeable reservation officials, the count of American Indian and Alaska Native farm operators (on reservations) who were not counted through individual census report forms, but whose agricultural activity was included in the reservation-level report. Appendix B is the only part of the volume 1 publication that provides a total count of American Indian and Alaska Native farm operators, including those who returned an individual report and those otherwise included in the reservation-level report. Tables in other parts of

the publication count the number of individual reports from reservations plus the reservation report as a single farm.

Table A, American Indian and Alaska Native Operators: 2002, provides the number of farm operators (for up to three operators per farm) reported as American Indian or Alaska Native in the race category on the individual census report forms, plus the total number of American Indian or Alaska Native operators farming on reservations as reported by reservation officials. The count from the individual report forms is summarized in the "individually reported" column. It includes operators on or off reservations. The "other" column provides counts of operators on reservations as reported by a reservation or tribal official.

Table B, Selected Characteristics for Farms Operated By American Indians or Alaska Natives and For Total Farms: 2002, provides aggregated data for operations where at least one operator was American Indian or Alaska Native. Data include resource and production inputs and outputs of farms and ranches operated by American Indians and Alaska Natives, and compares the data to all farms. Reservation-level reports are included.

Table C, Selected Operator Characteristics for American Indians and Alaska Natives and for Total Reporting: 2002, presents demographic data for up to three American Indian or Alaska Native operators reported per farm or ranch on individual and reservation-level census report forms.

**Table A. American Indian or Alaska Native Operators: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	American Indian or Alaska Native farm operators			Geographic area	American Indian or Alaska Native farm operators		
	Total	Individually reported	Other <sup>2</sup>		Total	Individually reported	Other <sup>2</sup>
<b>STATE TOTAL</b>				Hawaii .....	121	121	-
Hawaii .....	202	202	-	Honolulu .....	24	24	-
<b>COUNTIES</b>				Kauai .....	26	26	-
				Maui .....	31	31	-

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data represent American Indian or Alaska Native farm or ranch operators on reservations who did not report individually. Data obtained from reservation officials.

**Table B. Selected Characteristics of Farms Operated by American Indians or Alaska Native Operators and For Total Farms: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	American Indian or Alaska Native operated farms <sup>1</sup>	Total farms	Percent of total	Characteristics	American Indian or Alaska Native operated farms <sup>1</sup>	Total farms	Percent of total
<b>F FARMS AND LAND IN FARMS</b>							
Farms .....	170	5,398	3.1				
Land in farms .....	11,508	1,300,499	0.9				
Estimated market value of land and buildings <sup>2</sup> .....	\$1,000	138,867	4,583,552	Fertilizer, lime, and soil conditioners .....	\$1,000	274	17,791
Average per farm .....	dollars	802,699	842,875	Gasoline, fuels, and oils .....	\$1,000	270	14,458
Average per acre .....	dollars	2,012	1,879	Hired farm labor .....	\$1,000	853	177,692
Estimated market value of all machinery and equipment <sup>2</sup> .....	\$1,000	4,833	186,163	Interest expense .....	\$1,000	196	8,633
Average per farm .....	dollars	27,938	35,568	Chemicals .....	\$1,000	129	16,134
Farms by size:							
1 to 9 acres .....	110	3,440	3.2				
10 to 49 acres .....	40	1,309	3.1				
50 to 179 acres .....	8	335	2.4				
180 to 499 acres .....	7	146	4.8				
500 to 999 acres .....	4	61	6.6				
1,000 acres or more .....	1	107	0.9				
Total cropland .....	farms	150	4,755				
	acres	6,862	211,120				
Harvested cropland .....	farms	142	4,522				
	acres	660	109,461				
Irrigated land .....	farms	74	2,231				
	acres	219	69,194				
<b>TENURE</b>							
Full owners .....	farms	99	3,202				
	acres	2,357	246,865				
Part owners .....	farms	23	589				
	acres	2,003	(D)				
Tenants .....	farms	48	1,607				
	acres	7,148	(D)				
<b>MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD</b>							
Market value of agricultural products sold (see text) .....	\$1,000	4,001	533,423	Layers 20 weeks old and older inventory .....	farms	9	125
Average per farm .....	dollars	23,537	98,819	number	600	537,882	7.2
Crops, including nursery and greenhouse crops .....	\$1,000	3,050	445,356	Broilers and other meat-type chickens sold .....	farms	1	17
Livestock, poultry, and their products .....	\$1,000	951	88,067	number	(D)	881,112	5.9
<b>F FARMS BY ECONOMIC CLASS (SEE TEXT)</b>							
Less than \$1,000 .....	19	661	2.9				
\$1,000 to \$2,499 .....	28	746	3.8				
\$2,500 to \$4,999 .....	27	714	3.8				
\$5,000 to \$9,999 .....	30	916	3.3				
\$10,000 to \$24,999 .....	32	1,056	3.4				
\$25,000 to \$49,999 .....	21	506	4.2				
\$50,000 to \$99,999 .....	4	314	1.3				
\$100,000 or more .....	9	485	1.9				
<b>OTHER FARM CHARACTERISTICS</b>							
Farms reporting -							
Computers for farm business .....	68	2,173	3.1				
Internet access .....	84	2,613	3.2				
Farms by type of organization:							
Family or individual .....	148	4,629	3.2				
Partnership .....	7	225	3.1				
Corporation .....	15	472	3.2				
Other-cooperative, estate or trust, institutional, etc .....	-	72	-				
<b>F FARM PRODUCTION EXPENSES</b>							
Total farm production expenses .....	\$1,000	4,900	450,946	Forage - land used for all hay and haylage, grass silage, and greenchop (see text) .....	farms	-	14
Selected farm production expenses:					acres	-	1,112
Livestock and poultry purchased .....	\$1,000	(D)	6,025		tons, dry	-	2,261
Feed purchased .....	\$1,000	155	27,997				

<sup>1</sup> Data were collected for a maximum of three operators per farm or ranch on places where operators would identify themselves as American Indian or Alaska Native.

<sup>2</sup> Data are based on a sample of farms.

**Table C. Selected Operator Characteristics for American Indians or Alaska Natives and For Total Reporting: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Characteristics	American Indian or Alaska Native operators reporting <sup>1</sup>	Total operators reporting	Characteristics	American Indian or Alaska Native operators reporting <sup>1</sup>	Total operators reporting
Operators .....	202	7,815	Years on present farm:		
Sex of operator:			2 years or less .....	26	577
Male .....	131	5,237	3 or 4 years .....	29	935
Female .....	71	2,578	5 to 9 years .....	38	803
Primary occupation:			10 years or more .....	109	4,500
Farming .....	102	4,293	Age group:		
Other .....	100	3,522	Under 25 years .....	1	84
Place of residence:			25 to 34 years .....	6	304
On farm operated .....	136	5,118	35 to 44 years .....	23	1,194
Not on farm operated .....	66	2,697	45 to 54 years .....	74	2,541
Days worked off farm:			55 to 64 years .....	38	1,801
None .....	98	3,963	65 to 74 years .....	41	1,138
Any .....	104	3,852	75 years and over .....	19	753
1 to 49 days .....	12	482	Average age of :		
50 to 99 days .....	14	373	All operators .....	56.5	55.1
100 to 199 days .....	16	612	Principal operator .....	57.7	56.5
200 days or more .....	62	2,385	Second operator .....	54.8	53.1
			Third operator .....	51.9	44.4
			Living on an American Indian reservation .....	-	1

<sup>1</sup> Data were collected for a maximum of three operators per farm.

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## Appendix C. Statistical Methodology

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### THE CENSUS MAIL LIST AND SCREENER PHASE

The National Agricultural Statistics Service (NASS) maintains a list of farmers and ranchers from which the census mail list (CML) is compiled. The goal is to build as complete a list as possible of agricultural places that produce and sell, or would normally sell, \$1,000 or more of agricultural products. This is the same list used to define sampling populations for NASS surveys conducted for the agricultural estimates program. Each record on the list includes name, address, and telephone number plus additional information used to efficiently sample and administer the NASS census of agriculture and its agricultural estimates programs.

NASS builds the list on an ongoing basis by obtaining outside source lists to improve the list sampling frame. Sources include state and federal government lists, producer a field office association lists, seed grower lists, pesticide applicator lists, veterinarian lists, marketing a field office association lists, and a variety of other agriculture related lists. NASS occasionally obtains special commodity lists to address specific list deficiencies. In 2000, NASS began an intensive push to increase list coverage in preparation for the census.

Most names on a newly acquired list are already on the list sampling frame. Those found on the list are set aside. Those not found are treated as potential farms until NASS can confirm their existence as a qualifying farm. State offices routinely contact these potential farms to determine their status, however, the increased pre-census list building activity generates much more follow up work.

Beginning in April 2002, NASS conducted the Farm Identification Survey to screen 591,288 potential farms before placing them on the CML. These records were mailed a short report form and a non-response follow

up mailing was made in May 2002. A second group of 568,692 additional potential farm records was pulled in late June 2002. A single mailing was made to this group. The entire screener phase confirmed 349,664 qualifying farms that were added to the CML. A total of 282,901 names were confirmed as out of scope and were dropped from the list. The number of names returned as undeliverable as addressed was 92,203 and they were excluded from further census mailings. The remaining 435,212 did not respond and were mailed census forms although they were not added to the CML as active farms.

During the spring and summer of 2002, measures were taken to improve name and address quality. Checks were made to detect and remove duplication both within states and across states. List addresses were processed through the National Change of Address registry and the Locatable Address Conversion System to ensure they were correct and complete. Records on the list frame with missing or invalid phone numbers were matched against a nationally available telephone database to obtain as many phone numbers as possible.

Records requiring special handling for census data collection or for analysis and summarization were identified. These were mostly farms considered unique because of their size or because they produce specialty commodities.

The official Census Mail List was established on September 1, 2002. The list contained 2,841,788 records. These records can be broken down into 1,839,533 records that were thought to meet the NASS farm definition and 1,002,255 potential farm records.

### CENSUS SAMPLE DESIGN

All name and address records on the final CML received a 2002 Census of Agriculture report form. Two different types of census report forms, sample and

nonsample, were used to collect data. Sections 1 through 16 and 22 through 25 of the sample form (long form) were identical to sections on the nonsample census form (short form). Sections 17 through 21 of the sample form contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, and hired workers. There were 12 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region.

The sample form was mailed to all mail list records in Alaska and Rhode Island and to a sample of records in other States selected from the final mail list. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were in a county with less than 100 farms in 1997, or (3) had other special characteristics (e.g., abnormal farms such as institutional farms; experimental and research farms; Indian reservations; etc.). Mail list records in counties containing 100 to 199 farms in 1997 were systematically sampled at a rate of 1 in 2; counties containing 200 to 299 farms in 1997 were systematically sampled at a rate of 1 in 4; counties containing 300 to 399 farms in 1997 were systematically sampled at a rate of 1 in 6; and counties containing 400 or more farms in 1997 were systematically sampled at a rate of 1 in 8. The mail list records not chosen to receive the sample form received the nonsample census form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

The regional report form versions and the sampling scheme were used to provide reliable data for a large number of items/commodities at the county level, while reducing response burden.

## **EDITING DATA AND IMPUTING FOR ITEM NONRESPONSE**

The mailing label on all forms returned to the National Processing Center (NPC) were scanned using bar code readers to capture identifiers and for check-in purposes. Forms determined to represent qualifying, in-scope farms were submitted for imaging. A snapshot was taken of each page of every report form and optical mark recognition (OMR) and intelligent

character recognition (ICR) techniques were used to capture reported data from the images. The ICR engine determined a confidence level for every cell read. Any cell with a confidence level below a prescribed value was referred to NPC staff to review and correct from the image, when necessary. The images and the captured data were transferred to NASS on a flow basis. Data collected by telephone were captured using computer assisted telephone interview software. Data entry procedures were developed for NASS field offices to input data from forms received too late to be imaged.

Captured data were processed through a format program. This program verified that record identifiers were valid and checked the basic integrity of the data fields. Rejected records were referred to NASS staff for correction. Accepted records were posted to the database.

All 2002 Census of Agriculture data were passed through a complex computer edit. Data were batched by state for submission to the computer edit. The edit first determined whether a reporting operation met the minimum criteria to be counted as a farm in the census. Operations failing to meet the minimum criteria were referred to NASS staff for verification. The edit examined each report for reasonableness and completeness and determined whether to accept, delete, impute (supply), or alter the reported value for each data record item.

Whenever possible, imputations, deletions, and changes made by the editing system were based on related data on the respondent's report form (deterministic imputation). For some items, such as operator characteristics, available data for that farm from the previous census were used. Values reported on previous NASS surveys were used, where applicable.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in the same state or in a neighboring state with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report bushels of corn harvested, was assigned the same bushels of corn per acre harvested as that of another

farm from that region having similar characteristics and reporting an acceptable yield. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Each execution of the computer edit consisted of records from only one state. Successfully edited records were made available as potential "donors," to supply values needed in subsequent imputations. These "clean" records were accumulated into pools of donors according to geographic location, so that each pool might be used during the computer edit of any reports from appropriate states. When imputation was required, a report's collective imputation needs for a section were used to identify a group of "matching" variables for the report which contained acceptable data relating to the missing items. For example, acres of corn harvested would be a matching variable for bushels of corn harvested, in consideration of the high correlation between the two items.

Similarity to the report being edited was evaluated for the matching variables for all farms in the appropriate donor pool. Values were imputed from the donor report considered most similar, referred to in this context as the "nearest neighbor" to the report being edited. Similarity between the edited record and a donor was calculated as the Euclidean distance between their selected matching variables. As part of the distance computation, the values of the matching variables were normalized to have the same variance within each donor pool. Latitude and longitude were consistently included in all imputation requests as matching variables, so that geographic proximity played a role in all donor selections.

Imputation conformed to logic provided by the complex edit. When appropriate, only donors able to contribute a nonzero imputed value were considered. For a farm reporting harvested corn acreage, for example, imputed bushels of corn harvested would be taken only from farms with harvested corn. In addition, imputed values were often adjusted. In some cases, acceptable data in another field of the edited report were used to establish a ratio between the edited report and the donor report. This proportion was applied to the imputed value as a scale factor. In the corn example, total bushels of corn from the donor would be scaled by the ratio of the acres of corn in the

edited report to those in the donor report.

To maintain consistency with the complex edit, the imputed values in most sections of the report were tested to ensure they satisfied critical relationships among items within the section. If any of these constraints were not met, alternative donors were considered in order of their similarity to the edited report, until all the constraints for the module were satisfied.

In some cases, nearest-neighbor imputation was not possible. The requirement of a positive imputed value might rule out all available donors, resulting in an imputation failure. However, if some members of the donor pool were found to satisfy this requirement, then as many as 25 nearest neighbors were given further consideration. But if none of the candidate donors could provide qualifying data, the result was also noted as an imputation failure. Processing of records that encountered these imputation failures was suspended at the section where the failure occurred. These records were made available for analyst review and later reconsidered by the automated edit as a follow-up to corrective actions taken by the analyst.

The donor pool for each region was frequently updated with records from its area which had completed the editing process. As records were added to the donor pool, the records became available to donate values to incomplete reports subsequently edited for that region. Prior to editing, all donor pools were empty and no donors were available. Initial donor pools were created by giving special treatment to the first batches of data received from each state. Similar to the way that imputation failures were resolved through analyst review of the reports, early reports from initial batches were reviewed and adjusted manually by teams of analysts. This process was employed until each donor pool became self-sufficient in consistently providing imputed values for its region through the automated nearest-neighbor selection process.

To streamline editing once they had reached a mature stage in their growth, donor pools for some regions were not expanded in size beyond a chosen plateau. This provided assurance that computer edits would not exceed a reasonable processing time for nearest-neighbor searches. Although their size was limited, these donor pools did not become static. They were

regularly recreated with representative samples of all records available from their regions. Within a given region, all successfully edited long form records were included in their appropriate donor pool. Successfully edited short form records were ordered by farm size and sales volume for a given region, and then systematically sampled. Every “ith” record from the short-form list was joined to the complete list of long forms for its region to form a refreshed donor pool. The steady renewal of donor pools for regions with large numbers of records assured a more diverse selection of donors over time.

All records for which data were changed were resubmitted to the edit to verify an acceptable correction was made. Records with imputation failures were referred to an analyst for resolution. A data review screen presented the problematic data. The analyst could summon the image, the census mail list, or the historical data warehouse to help determine a suitable solution. Corrected data were posted and the record was re-edited.

The complex edit ensured the full internal consistency of the record. Analysts were provided an additional set of tools to review record-level data across farms. These examinations detected extreme outliers or unique data distribution patterns that were possibly a result of reporting, recording, or handling errors. Potential problems were researched and, when necessary, corrections were made and the record re-edited.

## **NONRESPONSE AND SAMPLE ESTIMATION**

Statistical estimation procedures were used to account for whole farm nonresponse and sample data collection. The procedures for nonresponse were necessary because some farm operators did not respond to the census despite numerous attempts to contact them. Statistical estimates for long-form-only data items had to be calculated since, by design, the data were not collected from every farm.

### **Treatment of Farms Selected for the Screener Phase**

Names selected to receive the screener form were those believed to have some likelihood of operating a farm, but for whom actual farm activity was unknown.

The screener phase and follow up strategies resulted in several possible outcomes depending on whether the screener name responded and was in or out of scope. Each of these outcomes was handled differently to adjust for nonresponse.

Names responding to the screener as out of scope (nonfarms) were excluded from the CML. If the respondent answered the screener as in scope, the respondent was added to the CML and received a census form. If this in-scope screener respondent answered the census form, the operation’s report was eligible to be used to help account for nonrespondents to the census. If the in-scope screener respondent failed to respond to the census form, that operation’s data were accounted for by census respondents.

Records for operation that did not respond to any of the three mailings of the screener were not considered to be part of the CML. Nevertheless, they were sent a census form. If the screener nonrespondent ultimately responded as an in-scope operation on the census, it was given a fixed nonresponse weight of 1 for census tabulations. If the screener nonrespondent failed to respond to the census form, the record was treated in summarization as if it never existed.

### **Whole Farm Nonresponse Estimation**

Whole farm nonresponse to the census occurred when no data were received from an operation on the CML. If the record was deemed to represent either a large farm, as defined by the total value of production or acreage, or a unique farm operation, intensive telephone or personal followup was conducted during the census processing to obtain a response. If these attempts failed, the NASS survey database, the census historical database, or other more current sources were used to impute data for the record. These large and/or unique records were designated as must records and were assigned a fixed nonresponse weight of 1, meaning their data were not used for nonresponse adjustment. Screener respondents with reported sales above a certain state-determined level automatically became must records.

During mail list development, the State Statistical Offices (Field offices), in an effort to reduce respondent burden, identified operations that participated in multiple NASS surveys, and those that

had special reporting

relationships with an enumerator. The records for these operations were “tagged”. The Field offices assumed full responsibility for the data collection for any tagged operations, including imputation of data for them if a response was not obtained. Tagged records became must records. They had a nonresponse weight of 1 and the reports were not used for nonresponse adjustments.

Whole farm nonresponse that occurred within the remaining universe of records, called non-musts, was accounted for by a statistical weighting procedure. All responding non-musts in a state were put into mutually exclusive weighting groups based on their size and county as recorded on the CML database. Statistical models were used to estimate the number of nonresponse farms that were in scope for each weighting group. The weights of the responding farms in each weighting group were increased to account for nonresponding farms in that group.

Throughout the data collection period, there were changes and additions to the CML. Records added after the initial CML was created on September 1, 2002 were designated as new adds and treated like screener nonrespondents and given a nonresponse weight of 1. New adds responding as in-scope records to the census were subsequently subtracted from the measurement of undercoverage. When a new add was linked to an operation originally on the CML, it was no longer considered a new add. New adds occurred any time after the CML creation and before final weighting in February, 2004.

Some operators were sent more than one census form. These operators were required to fill out a separate form for each operation. Also, an operator may have had an operation for which a census form was not received, but the existence of which was noted on the form of the known operation. That operator was sent a new census form or enumerated by telephone to obtain data for that previously unknown operation. If a response was obtained for the previously unknown operation, the nonresponse weight for the new record was set equal to the nonresponse weight for the original operation reporting its existence. If no response was obtained for the previously unknown operation, it was treated as out of scope.

Some large farms operating in more than one county were treated as distinct county-specific operations to more accurately allocate data to counties. Similarly, large farms operating in more than one state were treated as distinct state-specific operations. Split add records were created for these operations and they were assigned the same nonresponse weight as the original CML operation.

Controls were established that ensured the calculated nonresponse weight never exceeded 2. The nonresponse weights were systematically rounded to integers, with an integerized weight of either 1 or 2 assigned to each record. The integerization process eliminated any impact rounding has on census farm counts and totals in each county and in cross tabulations.

Tables A and C quantify the effect of the nonresponse estimation procedures on selected census data items. These tables contain percentages of the census aggregates that were contributed by nonresponse adjustments. As noted earlier, names included in the screener sample that never responded were treated as if they never existed. Any in-scope farm in this group was missed and, consequently, “attributed” to the coverage adjustment. This is shown in Table C. For selected items, estimates of what was attributed were reallocated to nonresponse to obtain “corrected” values, which appear in Table A. This was possible at the state level only. The differences between state-level nonresponse adjustment numbers in the first line of Table C and their counterparts in Table A represent the amount reallocated.

There was no such reallocation in Hawaii because records in that state were not adjusted to account for coverage errors. No tables appear for Alaska, because those state's records were not adjusted for nonresponse or coverage.

The estimates provided in Tables A and C do not reflect the effect of item nonresponse to individual census data items. The effect of this item nonresponse is discussed in the “Nonmeasurable Census Error” section.

## Sample Estimation

Must records were all preselected to receive the census

long form. Non-must records were sampled to determine which would receive the long form and which the short form. All records in some small counties automatically received the census long form. However, these records were not necessarily must records. Nonresponse adjustment was allowed for the non-musts.

Weights applied to the items appearing on the long form only (Sections 17 through 21) were calculated by multiplying the farm's coverage-adjusted weight, which is described later, by the sample factor (e.g., 6 for a farm sampled with a 1-in-6 rate, 1 for a must). An adjustment was made that ensured the number of farms operating in a county as estimated from the sample matched the number estimated from the full census. Before computing published tabulations based on the sample, each record's sample weight was integerized to eliminate the impact of rounding on census farm counts and totals.

Operators with more than one operation were sampled as one record and received the same census form for each operation. Operations added after sampling were treated differently depending on whether or not the record was linked to a record on the original CML. Added operations which linked to a record on the original CML were mailed the same census form as the original CML operation. Added operations that were not linked to a record on the original CML were mailed the long form.

## **MEASURABLE CENSUS ERROR**

The root mean squared error of an estimated data item from the census provides a measure of the error a field office associated with completing a census. It measures the variation in the value of that estimated data item based on all possible outcomes of the census collection, including variants as to who was on the census list, who returned a census form and who was selected to fill out the sample form.

Data items are classified as either complete count items or sample count items. Sample count items were collected only on the longer sample version of the census report form. Complete count items were collected from all respondents. Variability in the estimates of complete count items was due only to the nonresponse and coverage estimation adjustment

procedures. Variability in the estimates of sample count items was due to both the adjustment procedures and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates.

Table B presents the fully adjusted total with the root mean squared error for selected items. The relative root mean squared error is obtained by dividing the root mean squared error by the value of the estimate multiplied by 100. The table also includes the percent contribution to the mean squared error (the square of the root mean squared error) from nonresponse adjustment and sampling and from coverage adjustment.

There is no Table B for Alaska. Mean squared errors in Hawaii displayed in Table B are entirely due to nonresponse adjustment.

Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled "Classification Error" addresses attempts to assess, at least qualitatively, the impact of classification error on the census results.

## **NONMEASURABLE CENSUS ERROR**

The accuracy of the census counts is affected jointly by the measurable errors described in the previous section

and by nonmeasurable errors (nonmeasurable in the sense of not being included in root mean squared error estimates). Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form with instructions, and to minimize processing errors through the use of quality control measures. Despite these efforts, nonmeasurable errors are inevitable and arise from many sources, including respondent or enumerator error, incorrect data capture, editing, and imputing for missing data. These errors are discussed in this section.

### **Respondent and Enumerator Error**

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can

introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. Computer-assisted telephone interviewing software included immediate integrity checks of recorded responses so suspect data could be verified or corrected. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

## Item Nonresponse

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the form that logically should have been present created a type of nonsampling error in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting farms were different from those of reporting farms for those items. The section titled "Editing Data and Imputing for Item Nonresponse" provides a detailed explanation of item imputation procedures.

## Processing Error

All phases of processing for each census report form were potential sources of nonsampling error. An automated check-in procedure recorded that the report had been returned and excluded it from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds), along with some of the reviewed cases containing farm data, were batched and sent directly to imaging and data capture. Data were transmitted, formatted, and run through the complex edit and imputation system to ensure within record consistency. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, staff determined if the action taken by the computer edit and imputation system was correct. Additional analysis tools were used to examine data across

records for distributional irregularities and extreme values. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure results were as accurate as possible.

## COVERAGE ADJUSTMENT

Although much effort was expended making the CML as complete as possible, the coverage of farms was not complete. NASS's goal was to produce agricultural census totals for publication that were fully adjusted for list undercoverage at the county level. To this end, estimates of the undercoverage for a specified set of farm characteristics, called calibration variables, were computed using an area-frame sample. After initial weights were assigned to census respondents to account for nonresponse, these weights were further adjusted to compensate for estimated state level undercoverage for each of the calibration variables based on the area frame sample. Since each farm with census data was given a fully-adjusted weight by this process, county level totals could be generated for every census variable not just the calibration variables. The section titled "Calibration Algorithm" provides a list of the area frame based calibration variables.

To further improve coverage adjustment, a second set of targets and ranges were added to the calibration effort. These were well established commodity totals for which excellent check data were available for validation. The introduction of these commodity target strengthened the overall coverage adjustment

process by limiting the possible adjustments produced by the area frame based targets to ensure major commodity totals remained within reasonable bounds of established benchmarks.

Most targets were determined at the state level. The one exception was the New England states - Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont - which were combined into one "calibration region". In what follows, "state" refers to the calibration region for New England.

### **Measuring Mail List Undercoverage**

Census mail list undercoverage was measured using an independent survey of land segments selected from the NASS area frame. The NASS area frame covers all land in the United States and includes all farms. Each June, NASS conducts a survey in which area frame segments are enumerated for agricultural activity. The sampled segments are allocated to provide accurate measures of acres planted to widely grown crops and inventories of hogs and cattle.

The 2002 June Area Survey (JAS) was supplemented by the 2002 Agricultural Coverage Evaluation Survey (ACES) to better estimate CML incompleteness. The ACES used a sample of segments allocated in a way that, when pooled with the JAS, accurate measures of number of farms and land utilization could be obtained. Enumerators visited all segments, identified all farms operating land in each segment, and obtained basic data about those farms.

The names and addresses collected in the 2002 JAS and 2002 ACES were matched to the census mail list. Farms that did not match were recontacted after the census mailout to confirm that they did not receive a census form. Farms that had not received a census form represented the farms not on the mail list (NML). Those who received a census form had been erroneously classified as NML and were removed.

The percentage of farms missed in the census varied considerably by State. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations were missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation was so small as not to appear

in any agriculture-related source lists, or the operation was falsely classified as a nonfarm prior to mailout.

### **Determining Targets to Correct for Undercoverage**

The 2002 June Agricultural Survey consisted of 11,075 land segments and the Agricultural Coverage Evaluation Survey (ACES) added 2,400 segments. Data values a field office associated with NML tracts were used to estimate the state-level undercoverage of the CML for the first set of calibration variables. The state-level totals for these variables were then summed to yield national totals.

The national NML estimate for the number of farms was used directly in determining calibration targets (CML

+ NML). State-level farm-count estimates based on the NML sometimes had unacceptably high standard errors, as well as apparent systematic biases. These estimates were smoothed across states based on separate NASS surveys and previous analysis.

Other calibration targets were derived from the NML-estimated fractions of farms of certain types (e.g., in a particular sales class or with a primary operator of a particular race). Most of these had unacceptably high state-level standard errors. As a result, more reliable national level NML estimates were used to smooth state estimates. The smoothed state NML-estimated fraction was computed by taking a weighted average of the actual state estimate and a prediction for the state based on national and state level numbers (e.g., the number of NML farms in the state, the fraction of farms with black owners on the state's CML, and the national relative difference between the fraction of black owners on the NML and CML). The weighting factor was chosen to approximately minimize mean squared error under a random effects model. The smoothed NML-estimated fractions were multiplied by the corresponding smoothed NML farm-count estimates described above and added to corresponding CML estimates to obtain coverage-adjusted state-level totals, which served as calibration targets.

## Tolerance Ranges

Although full calibration would assure that the weighted total among census respondents equaled its for each calibration variable in either set, it was not always possible to calibrate to such a large number of target values while keeping all farm weights within a reasonable range (for example, the weight for any farm cannot be less than one). Because of this and because calibration targets are estimates themselves subject to uncertainty, NASS allowed some tolerance in the determination of coverage-adjusted weights. Rather than forcing the total for each calibration variable computed using the coverage-adjusted weights to equal a specific amount, NASS allowed the estimated total to fall within a tolerance range. This tolerance strategy sometimes made it possible for the calibration algorithm to produce a set of satisfactory coverage-adjusted weights that it would not have otherwise.

Ranges for the first set of calibration variables used to adjust for undercoverage were determined differently from the second set used to adjust for measurement error. The number of farms had no tolerance range. The tolerance range for every other variable in the first set was the estimated state total for the variable (CML + NML) plus or minus one-half of one estimated standard error. This choice limited the cumulative deviation from the estimated total for a variable when state-level totals were combined to create a US-level total.

The state-level tolerance ranges for commodity targets were provided by commodity specialists in NASS's Statistics Division. These ranges did not have to be symmetric around the target value.

## Calibration Algorithm

Coverage adjusted weights were obtained by an algorithm based on the restricted regression algorithm referred to by Singh and Mohl (1996) as the Linear Truncated Method. Coverage adjustments began with the nonresponse weights before integerization. The final coverage-adjusted (nonsample) weights were restricted to the interval [1,6].

The calibration variables were based on the following reported items:

1. Total value of production and government

payments.

0	\$5,000 - \$24,999
\$1 - \$999	\$25,000 - \$99,999
\$1,000 - \$2,499	\$100,000 - \$499,999
\$2,500 - \$4,999	\$500,000 and above

2. Age of principal operator.

Less than 25 years old
25 - 34
35 - 44
45 - 54
55 and older

3. Sex of principal operator.

Female

4. Race of principal operator (selected categories).

Black  
American Indian, Asian, and Other

5. Principal operators of Spanish, Hispanic, or Latino origin.

6. Number of farms and land in farms.

7. Selected types of farms by commodity produced.

All cattle farms

Dairy farms  
Sheep/goat farms

Nursery/horticulture farms  
Hog/pig farms  
Fruit/nut/berry farms  
Vegetable farms  
Tobacco farms  
Horse/Equine farms  
Poultry farms

8. Various commodity acreage and production statistics (Varies by state).

Corn acres harvested  
Soybean acres harvested  
Wheat acres harvested  
Potato acres harvested  
Rice acres harvested

Sugarcane acres harvested  
Hay acres harvested  
Apples acres harvested  
Total orange acres  
Grape acres harvested  
Cotton bales produced  
Beef cow inventory  
Lettuce acres harvested  
Tomatoes acres harvested  
Tobacco acres harvested  
Sugarbeet acres harvested  
Cattle on feed inventory  
Total cattle inventory  
Total hog/pig inventory  
Dairy cow inventory  
Broiler production  
Layer inventory  
Durum wheat acres harvested (North Dakota)  
Other spring wheat acres harvested (North Dakota)  
Alfalfa acres harvested (South Dakota)

## Integerization and Sample Weights

Coverage-adjusted weights were integerized to eliminate the need for rounding estimated counts computed with coverage-adjusted weights. The integerization process was designed to minimize county-level impact on the nonresponse and coverage adjustment of number of farms and total land in farms.

Sample weights were computed by multiplying coverage-adjusted weights before integerization with the appropriate sampling factors and adjusting the results to add up to matched census counts as described previously. Sample weights were then integerized for analytical purposes.

## Measuring the Amount of Coverage Adjustment

Tables A and C display the proportions of selected census data items that are due to nonresponse and coverage adjustments. The section of this appendix on whole farm nonresponse adjustment explained how the nonresponse adjustment values were determined. The coverage adjustment values account for the rest of the differences between the weighted and unweighted totals for these data items. Some estimated coverage adjustments are negative. The use of commodity targets in calibration indirectly exposed some

duplication on the census list resulting in negative coverage adjustments.

## CLASSIFICATION ERROR STUDY

The 2002 Classification Error Study (CES) was conducted for the entire U.S. to study the potential impact of classification error on the census results. The study used the 2002 June Agricultural Survey (JAS) and 2002 Agricultural Coverage Evaluation Survey (ACES) to study farms incorrectly classified as nonfarms (undercount), nonfarms incorrectly classified as farms (overcount), and duplication of farms (overcount) in the 2002 Census of Agriculture. The CES was not intended to adjust census farm counts, but rather, to evaluate procedures and to identify potential improvements in list building, data collection, and other activities in preparation for future censuses.

For the evaluation, additional name, address, and telephone information were collected on both the JAS and ACES by adding the following three questions:

1. During the past two years, has the operator received mail for this operation at any address other than the one shown on the face page?
2. Excluding partners and landlords, were any other names a field office associated with this operation in the past year? (For example, other business names, spouses names, etc.).
3. Is any of the land inside the blue tract boundary rented from others? (Include land for which you paid cash rent, land used rent free, or land rented on shares).

The CES consisted of a two phase review process. The initial phase, Review of Possible Matches, used Probabilistic Record Linkage (PRL) to match the additional information collected on the area surveys to the name and addresses on the 2002 Census Mail List (CML) including late adds. PRL is a technique used to identify records that are believed to correspond to a CML record. Records were brought together into link groups, with each link group consisting of all records that possibly represented the same operation. Each link group was classified into one of three distinct types: matches, possible matches and nonmatches.

The nonmatches were represented in estimation as part of the undercoverage measure. The CES was primarily concerned with the matches and possible matches. Each State office reviewed the possible matches and determined match or nonmatch status.

Upon completion of the PRL review, there was a Farm Classification Resolution review by state offices of two additional sets of records. The first of these was comprised of area records matching two or more census records. Reviewing these records helped identify duplication on the CML. The second set

consisted of groups of records (area and census) within which the reported acreage differed by more than 25 percent. A data analysis application was developed for analysts to review of the cases in the second phase. Upon completion of both phases, data were compiled to estimate undercount, overcount and duplication.

The analysis of these data will provide insight into census processes used to accurately determine farm status and identify duplication. Any weaknesses identified in the findings will be addressed for future censuses.

**Table A. Summary of State Nonresponse and Coverage Adjustments: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Percent from nonresponse adjustment, corrected	Percent from coverage adjustment, corrected	Item	Total	Percent from nonresponse adjustment, corrected	Percent from coverage adjustment, corrected
Farms .....	5,398	6.9	0.0	Tenure - Con.			
Land in farms .....	1,300,499	0.8	0.0	Part owners .....	farms	589	7.0
Farms by size:				acres	(D)	(D)	0.0
1 to 9 .....	farms	3,440	7.4	Tenants .....	farms	1,607	6.7
acres		12,110	7.2	acres	(D)	(D)	0.0
10 to 49 .....	farms	1,309	6.7				
acres		26,972	6.8	Principal Operator Characteristics:			
50 to 179 .....	farms	535	5.7	Sex of operator:			
acres		29,979	5.6	Male .....	farms	4,338	7.1
180 to 499 .....	farms	146	5.5	acres		1,189,541	0.8
acres		42,911	6.1	Female .....	farms	1,060	6.1
500 to 999 .....	farms	61	4.9	acres		110,958	1.2
acres		40,307	5.0	Primary occupation:			
1,000 to 1,999 .....	farms	411	2.4	Farming .....	farms	3,125	6.6
acres		56,159	2.8	Other .....	farms	2,273	7.3
2,000 or more .....	farms	66	0.0				
acres		1,092,061	0.0	Spanish, Hispanic, or Latino origin (see text) .....	farms	241	8.3
Market value of agricultural products sold .....	\$1,000	533,423	1.1	acres	(D)	(D)	0.0
Farms by value of sales:				Race:			
Less than \$1,000 .....	farms	661	6.5	White .....	farms	2,148	7.2
\$1,000		165	6.4	acres		963,520	0.5
\$1,000 to \$2,499 .....	farms	746	7.6	Black or African American .....	farms	12	16.7
\$1,000		1,207	7.7	acres		70	17.1
\$2,500 to \$4,999 .....	farms	714	6.9	American Indian or Alaska Native .....	farms	30	6.7
\$1,000		2,549	6.7	acres		1,270	0.7
\$5,000 to \$9,999 .....	farms	916	9.1	Native Hawaiian or Other Pacific Islander .....	farms	424	8.0
\$1,000		6,366	9.1	acres		110,389	1.8
\$10,000 to \$19,999 .....	farms	807	7.3	Asian .....	farms	2,090	6.7
\$1,000		11,035	7.4	acres		122,799	1.1
\$20,000 to \$24,999 .....	farms	249	7.6	More than one race reported .....	farms	694	5.8
1,000		5,346	7.8	acres		102,451	1.8
\$25,000 to \$39,999 .....	farms	341	7.6				
\$1,000		10,519	7.7	Age group and primary occupation:			
\$40,000 to \$49,999 .....	farms	165	6.1	Reporting primary occupation as farming by age group:			
\$1,000		7,109	5.9	Under 25 years .....	farms	7	0.0
\$50,000 to \$99,999 .....	farms	314	6.1	25 to 34 years .....	farms	82	6.1
\$1,000		20,907	5.8	35 to 44 years .....	farms	382	8.1
\$100,000 to \$249,999 .....	farms	249	2.8	45 to 54 years .....	farms	937	6.0
\$1,000		37,734	27	55 to 64 years .....	farms	742	6.2
\$250,000 to \$499,999 .....	farms	103	1.0	65 years and over .....	farms	985	7.0
\$1,000		36,198	1.0				
\$500,000 to \$999,999 .....	farms	62	0.0	Reporting primary occupation as other than farming by age group:			
\$1,000		42,801	0.0	Under 25 years .....	farms	7	14.3
\$1,000,000 or more .....	farms	71	0.0	25 to 34 years .....	farms	338	5.6
\$1,000		351,486	0.0	35 to 44 years .....	farms	845	7.1
Farms by type of organization:				45 to 54 years .....	farms	558	8.1
Family or individual .....	farms	4,629	7.4	55 to 64 years .....	farms	453	8.2
acres		329,179	2.8	65 years and over .....	farms		
Partnership .....	farms	225	4.9	All operators by age group <sup>1</sup> :			
acres		116,737	0.4	Under 25 years .....	farms	84	6.0
Corporation:				25 to 34 years .....	farms	304	3.9
Family held .....	farms	392	4.8	35 to 44 years .....	farms	1,194	6.5
acres		344,755	0.2	45 to 54 years .....	farms	2,541	6.5
Other than family held .....	farms	80	2.5	55 to 64 years .....	farms	1,801	7.0
acres		368,784	(Z)	65 to 74 years .....	farms	1,138	8.2
Other - cooperative, estate or trust, institutional, etc .....	farms	72	0.0	75 years and over .....	farms	753	6.6
acres		141,044	0.0				
Tenure:							
Full owners .....	farms	3,202	7.0				
acres		246,865	0.9				

<sup>1</sup> Data were collected for a maximum of three operators per farm.

**Table B. Reliability Estimates of State Totals: 2002**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse and sampling contribution to MSE (percent)	Coverage adjustment to MSE (percent)
Farms	5,398	27	0.5	100.0	0.0
Land in farms	1,300,499	3,140	0.2	100.0	0.0
Farms by size:					
1 to 9	farms	3,440	23	0.7	100.0
	acres	12,110	94	0.8	100.0
10 to 49	farms	1,309	13	1.0	100.0
	acres	26,972	308	1.1	100.0
50 to 179	farms	335	6	1.8	100.0
	acres	29,173	576	1.9	100.0
180 to 499	farms	1,46	4	2.7	100.0
	acres	42,911	1,350	3.1	100.0
500 to 999	farms	61	2	4.0	100.0
	acres	40,307	1,661	3.4	100.0
1,000 to 1,999	farms	41	1	3.9	100.0
	acres	56,159	2,208	0.0	100.0
2,000 or more	farms	66	0	0.0	100.0
	acres	1,092,061	0	0.0	100.0
Market value of agricultural products sold	\$1,000	533,423	954	0.2	100.0
Farms by value of sales:					
Less than \$1,000	farms	661	9	1.4	100.0
	\$1,000	165	4	2.3	100.0
\$1,000 to \$2,499	farms	746	11	1.4	100.0
	\$1,000	1,207	18	1.5	100.0
\$2,500 to \$4,999	farms	714	10	1.4	100.0
	\$1,000	2,549	35	1.4	100.0
\$5,000 to \$9,999	farms	916	13	1.4	100.0
	\$1,000	6,366	92	1.4	100.0
\$10,000 to \$19,999	farms	807	11	1.3	100.0
	\$1,000	11,035	154	1.4	100.0
\$20,000 to \$24,999	farms	249	6	2.5	100.0
	\$1,000	5,346	135	2.5	100.0
\$25,000 to \$39,999	farms	341	7	2.1	100.0
	\$1,000	10,519	226	2.1	100.0
\$40,000 to \$49,999	farms	165	4	2.7	100.0
	\$1,000	7,109	187	2.6	100.0
\$50,000 to \$99,999	farms	344	6	2.0	100.0
	\$1,000	3,04	6	2.0	100.0
\$100,000 to \$249,999	farms	20,907	398	1.9	100.0
	\$1,000	249	4	1.5	100.0
\$250,000 to \$499,999	farms	37,103	569	1.5	100.0
	\$1,000	36,198	1	1.4	100.0
\$500,000 to \$999,999	farms	62	537	1.5	100.0
	\$1,000	42,801	0	0.0	100.0
\$1,000,000 or more	farms	71	0	0.0	100.0
	\$1,000	351,486	0	0.0	100.0
Farms by type of organization:					
Family or individual	farms	4,629	26	0.6	100.0
	acres	329,179	3,032	0.9	100.0
Partnership	farms	225	5	2.1	100.0
	acres	116,737	472	0.4	100.0
Corporation:					
Family held	farms	392	6	1.6	100.0
	acres	344,755	666	0.2	100.0
Other than family held	farms	80	2	2.5	100.0
	acres	368,784	12	(Z)	100.0
Other - cooperative, estate or trust, institutional, etc.	farms	72	0	0.0	0.0
	acres	141,044	0	0.0	0.0
Tenure:					
Full owners	farms	3,202	21	0.7	100.0
	acres	246,865	472	0.2	100.0
Part owners	farms	589	9	1.5	100.0
	acres	(D)	(D)	(D)	0.0
Tenants	farms	1,607	15	0.9	100.0
	acres	(D)	(D)	(D)	0.0
Principal Operator Characteristics:					
Sex of operator:					
Male	farms	4,338	25	0.6	100.0
	acres	1,189,541	3,082	0.3	100.0
Female	farms	1,060	11	1.1	100.0
	acres	110,958	602	0.5	100.0
Primary occupation:					
Farming	farms	3,125	20	0.7	100.0
Other	farms	2,273	18	0.8	100.0
Spanish, Hispanic, or Latino origin (see text)	farms	241	6	2.6	100.0
	acres	(D)	(D)	(D)	0.0
Race:					
White	farms	2,148	18	0.8	100.0
	acres	963,520	2,683	0.3	100.0
Black or African American	farms	12	2	16.7	100.0
	acres	70	13	19.2	100.0
American Indian or Alaska Native	farms	30	2	6.7	100.0
	acres	1,270	9	0.7	100.0
Native Hawaiian or Other Pacific Islander	farms	424	8	1.9	100.0
	acres	110,389	1,118	1.0	100.0

See footnote(s) at end of table.

--continued

**Table B. Reliability Estimates of State Totals: 2002 - Con.**

[For meaning of abbreviations and symbols, see introductory text]

Item	Total	Root mean squared error (RMSE)	Relative RMSE (percent)	Nonresponse and sampling contribution to MSE (percent)	Coverage adjustment to MSE (percent)
Principal Operator Characteristics - Con.					
Race - Con.					
Asian . . . . .	farms 122,799	17	0.8	100.0	0.0
More than one race reported . . . . .	acres 694	337 <sup>9</sup>	0.3	100.0	0.0
	farms 102,451	1,137	1.3	100.0	0.0
			1.1	100.0	0.0
Age group and primary occupation:					
Reporting primary occupation as farming by age group:					
Under 25 years . . . . .	farms 7	0	0.0	0.0	0.0
25 to 34 years . . . . .	farms 82	3	3.9	100.0	0.0
35 to 44 years . . . . .	farms 382	8	2.1	100.0	0.0
45 to 54 years . . . . .	farms 927	11	1.1	100.0	0.0
55 to 64 years . . . . .	farms 742	10	1.3	100.0	0.0
65 years and over . . . . .	farms 985	12	1.2	100.0	0.0
Reporting primary occupation as other than farming by age group:					
Under 25 years . . . . .	farms 7	1	20.2	100.0	0.0
25 to 34 years . . . . .	farms 72	3	3.9	100.0	0.0
35 to 44 years . . . . .	farms 338	6	1.8	100.0	0.0
45 to 54 years . . . . .	farms 845	11	1.3	100.0	0.0
55 to 64 years . . . . .	farms 558	19	1.7	100.0	0.0
65 years and over . . . . .	farms 453	9	1.9	100.0	0.0
All operators by age group <sup>1</sup> :					
Under 25 years . . . . .	farms 84	3	3.8	100.0	0.0
25 to 34 years . . . . .	farms 304	5	1.6	100.0	0.0
35 to 44 years . . . . .	farms 1,194	12	1.0	100.0	0.0
45 to 54 years . . . . .	farms 2,541	18	0.7	100.0	0.0
55 to 64 years . . . . .	farms 1,801	16	0.9	100.0	0.0
65 to 74 years . . . . .	farms 1,138	14	1.2	100.0	0.0
75 years and over . . . . .	farms 753	10	1.3	100.0	0.0
Net cash farm income of operation (see text) <sup>2</sup> :					
Farms with gains of <sup>3</sup> -					
Less than \$1,000 . . . . .	farms 400	55	13.6	100.0	0.0
\$1,000 to \$4,999 . . . . .	farms 202	32	16.1	100.0	0.0
\$1,000 to \$4,999 . . . . .	\$1,000 1,022	89	8.7	100.0	0.0
\$5,000 to \$9,999 . . . . .	farms 2,744	261	9.5	100.0	0.0
\$5,000 to \$9,999 . . . . .	\$1,000 575	65	11.3	100.0	0.0
\$10,000 to \$24,999 . . . . .	farms 4,125	467	11.3	100.0	0.0
\$10,000 to \$24,999 . . . . .	\$1,000 587	61	10.5	100.0	0.0
\$25,000 to \$49,999 . . . . .	farms 9,146	968	10.6	100.0	0.0
\$25,000 to \$49,999 . . . . .	\$1,000 311	42	13.4	100.0	0.0
\$50,000 or more . . . . .	farms 11,146	1,487	13.3	100.0	0.0
\$50,000 or more . . . . .	\$1,000 383	31	8.0	100.0	0.0
	\$1,000 110,284	1,993	1.8	100.0	0.0
Farms with losses of -					
Less than \$1,000 . . . . .	farms 370	54	14.5	100.0	0.0
\$1,000 to \$4,999 . . . . .	farms 1,000 158	28	17.5	100.0	0.0
\$1,000 to \$4,999 . . . . .	\$1,000 752	74	9.8	100.0	0.0
\$5,000 to \$9,999 . . . . .	farms 1,980	216	10.9	100.0	0.0
\$5,000 to \$9,999 . . . . .	\$1,000 329	50	15.1	100.0	0.0
\$10,000 to \$24,999 . . . . .	farms 2,337	358	15.3	100.0	0.0
\$10,000 to \$24,999 . . . . .	\$1,000 404	52	12.8	100.0	0.0
\$25,000 to \$49,999 . . . . .	farms 6,439	844	13.1	100.0	0.0
\$25,000 to \$49,999 . . . . .	\$1,000 159	31	19.6	100.0	0.0
\$50,000 or more . . . . .	farms 5,518	1,093	19.8	100.0	0.0
\$50,000 or more . . . . .	\$1,000 146	23	15.9	100.0	0.0
	\$1,000 23,069	1,882	8.2	100.0	0.0

<sup>1</sup> Data were collected for a maximum of three operators per farm.

<sup>2</sup> Data are based on a sample of farms.

<sup>3</sup> Farms with zero net cash income are included as farms with gains of less than \$1,000.

**Table C. Summary of Nonresponse and Coverage Adjustments by County**

[For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms			Land in farms			Sales		
	Total (number)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (acres)	Nonresponse adjustment (percent)	Coverage adjustment (percent)	Total (\$1,000)	Nonresponse adjustment (percent)	Coverage adjustment (percent)
<b>STATE TOTAL</b>									
Hawaii . . . . .	5,398	6.9	-	1,300,499	0.8	-	533,423	1.1	-
<b>COUNTIES</b>									
Hawaii . . . . .	3,216	6.0	-	821,276	0.6	-	187,736	1.7	-
Honolulu . . . . .	754	7.1	-	70,705	1.3	-	179,321	0.5	-
Kauai . . . . .	565	6.5	-	151,828	1.5	-	41,855	0.8	-
Maui . . . . .	823	10.7	-	256,690	1.0	-	124,511	1.3	-

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## **Appendix D. Report Forms and Information Sheets**

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The report forms and information sheets are shown on the following pages.

**DUE BY FEBRUARY 3, 2003**

OMB No. 0535-0226; Approval Expires 10/31/2004

**NOTICE** - Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

## UNITED STATES 2002 CENSUS OF AGRICULTURE

02-A0212

Form Number: 02-A0212  
(01/17/02)



United States  
Department of  
Agriculture

Please return your  
completed report to:

Census of Agriculture  
1201 East 10th Street  
Jeffersonville, IN 47132

### OFFICE USE ONLY

**USE BLUE OR BLACK BALL POINT PEN**

*Please make corrections to name, address, and ZIP Code if necessary.*

011	012	013
014	015	016

**EVERYONE WHO RECEIVES A FORM MUST RETURN ONE.  
YOUR RESPONSE IS DUE BY FEBRUARY 3, 2003.**

### SPECIAL SITUATIONS?

- ◆ Form does not apply to me
- ◆ Partial year operations
- ◆ No longer farming or ranching
- ◆ Never farmed
- ◆ CRP land only
- ◆ Involved in more than one operation
- ◆ Specialty commodities (nursery, fish, horses, etc.)

} Refer to the detailed instructions  
in the enclosed instruction sheet.

**Duplicate forms** - If you received extra census report forms for the **SAME** farming or ranching operation:

1. Enter the 12-digit ID(s), printed in the address area of those extra forms, in the boxes provided to the right. →
2. Return all report forms in the same envelope with this completed report.

Duplicate IDs											
009											
010											

**MORE QUESTIONS?  
CALL THE TOLL FREE HELP LINE!**

**1-888-424-7828**

**OR SEND E-MAIL TO:  
[nass-hi@nass.usda.gov](mailto:nass-hi@nass.usda.gov)**



National Agricultural  
Statistics Service

**PENALTY FOR FAILURE TO REPORT**



<b>SECTION 2 LAND -</b>				
<p>Report how the ACRES in "THIS OPERATION" were USED in 2002.          Report land only once. Report land in the first item that applies.  <b>For example:</b> Land that was both pastured (item 1b) and harvested (item 1a) should be reported only in cropland harvested.</p> <p>(Include land in CRP, WRP, and other State and Federal programs.          Exclude land rented TO OTHERS.)</p>				
<b>LAND USE</b>				
<b>1. Cropland</b>				
a.	Cropland harvested (Include all land from which crops were harvested or hay was cut and all land in orchards, citrus groves, vineyards, and nursery and greenhouse crops.) →	<input type="checkbox"/> 787	None	NUMBER OF ACRES
b.	Cropland used only for pasture or grazing (Include rotation pasture and grazing land that could have been used for crops without additional improvements.) →	<input type="checkbox"/> 788		
c.	Cropland on which all crops failed or were abandoned (Exclude land in orchards and vineyards on which the crop failed. Such acreage is to be reported in item 1a.) →	<input type="checkbox"/> 790		
d.	Cropland in pineapples or sugarcane not harvested in 2002 →	<input type="checkbox"/> 792		
e.	Cropland idle or used for cover crops or soil-improvement but NOT harvested and NOT pastured or grazed →	<input type="checkbox"/> 1062		
f.	Cropland in cultivated summer fallow →	<input type="checkbox"/> 791		
2.	Woodland (Include all woodlots, timber tracts, and cut over and deforested land with young timber growth.)		794	
a.	Woodland pastured →	<input type="checkbox"/>		
b.	Woodland not pastured (Include sugarbush.) →	<input type="checkbox"/> 795		
3.	Permanent pasture and rangeland (Include any pastured land other than cropland and woodland.) →	<input type="checkbox"/> 796		
4.	All other land - Land in farmsteads, buildings, livestock facilities, ponds, roads, wasteland, etc. →	<input type="checkbox"/> 797		
5.	<b>TOTAL ACRES</b> - ADD the acres reported in items 1 through 4. <i>Should be the same acres as those reported in section 1, item 4.</i> →	<input type="checkbox"/> 798		
<b>CROP INSURANCE, CONSERVATION, AND ORGANIC PRACTICES</b>				
6.	Of the total acres reported in item 5, how many acres were -	<input type="checkbox"/> None	NUMBER OF ACRES	
a.	Covered under a <b>Federal or other crop insurance policy?</b> →	<input type="checkbox"/> 1067		
b.	Enrolled in the <b>Conservation Reserve Program (CRP)</b> or <b>Wetlands Reserve Program (WRP)?</b> →	<input type="checkbox"/> 683		
c.	Used to raise <b>certified organically produced crops?</b> →	<input type="checkbox"/> 1069		
<b>IRRIGATION</b>				
7.	Were any of the total acres reported in item 5 <b>irrigated</b> by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc.? →	<input type="checkbox"/> 1065		
1	<input checked="" type="checkbox"/> YES - Continue with item a	3	<input type="checkbox"/> NO - Go to section 3	
a.	Acres of harvested land irrigated (Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.) →	<input type="checkbox"/> 680	None	NUMBER OF ACRES IRRIGATED
b.	Acres of pastureland, rangeland, and other land irrigated →	<input type="checkbox"/> 681		

**SECTION 3 SUGARCANE and PINEAPPLES -**  
 Were any sugarcane or pineapples harvested or growing on "THIS OPERATION" in 2002?  
*(Include landlord's share. Exclude crops grown on land rented TO OTHERS.)*

YES - Complete this section       NO - Go to section 4

	None	ACRES HARVESTED OR FOR FUTURE HARVEST	QUANTITY HARVESTED	ACRES IRRIGATED
1. Sugarcane for sugar harvested in 2002 <i>(Exclude tons of raw or refined sugar.)</i> →	<input type="checkbox"/>	722	1	2
2. Sugarcane harvested for seed in 2002 →	<input type="checkbox"/>	725	1	2
3. Sugarcane NOT harvested in 2002 →	<input type="checkbox"/>	731		2
4. Pineapples harvested in the year ending May 31, 2002 →	<input type="checkbox"/>	061	1	2
5. Pineapples NOT harvested in the year ending May 31, 2002 →	<input type="checkbox"/>	064		2

SECTION 4

FRUITS, NUTS, and COFFEE -

Was there a combined total of 20 or more NUT TREES, BANANA PLANTS, COFFEE TREES, or FRUIT TREES, including CITRUS, on "THIS OPERATION" in 2002?

YES - Complete this section       NO - Go to section 5

- 1. TOTAL ACRES** in bearing and nonbearing fruit orchards, groves, coffee trees, nut trees, and banana plants on "**THIS OPERATION**."  
*(Exclude abandoned acres.)*

TOTAL ACRES									
WHOLE ACRES					Tenths				
121									
ACRES IRRIGATED									
WHOLE ACRES					Tenths				
122									

2. For those crops not listed, enter the crop name and crop code from the list below for the other fruit and nut trees on "**THIS OPERATION**" in 2002. (*Report the requested information for each crop even if not harvested because of low prices or damage from weather. For interplanted trees, estimate the area covered by each kind of fruit.*)

*If more space is needed, use a separate sheet of paper.*

NONCITRUS CROPS	CODE	CITRUS CROPS	CODE	NUT CROPS	CODE
Grapes.....	366	Grapefruit.....	267		
Guavas.....	183	Lemons.....	279		
Mangoes .....	195	Limes.....	285		
Passion fruit.....	219	Oranges, Valencia.....	150		
Persimmons.....	237	Oranges, other than Valencia, include Navel.....	174		
Plums and prunes.....	252	Tangelos.....	303		
Other noncitrus - specify above .....	261	Tangerines.....	309		
		Other citrus - specify above .....	315		

SECTION 5

## **VEGETABLES and MELONS -**

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS OPERATION" in 2002? (Report crops grown under protection in section 6.)

**(Exclude those grown in home gardens.)**

1101 1 YES - Complete this section 3 NO - Go to section 6

- 1.** Land from which vegetables and melons were harvested in 2002 (Report multiple cropped acreage only once.) \_\_\_\_\_

375

376

2. For those crops not listed, enter the crop name and crop code from the list below for each crop harvested in 2002. (If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 6.)

*If more space is needed, use a separate sheet of paper.*

CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE	CROP NAME	CODE
Asparagus.....	379	Carrots.....	397	Lettuce, leaf.....	430	Peas, snow and sugar, include Chinese.....	405	Squash.....	459
Beets.....	383	Cauliflower.....	399	Lettuce, romaine.....	432	Tomatoes.....	463		
Broccoli.....	385	Celery.....	401	Lima beans, green.....	429	Peppers, Bell.....	443	Turnip greens.....	467
Cabbage, Chinese ..	389	Daikon.....	413	Mustard greens.....	431	Peppers, Chile (all peppers - excluding Bell).....	445	Turnips.....	465
Cabbage, head.....	391	Herbs, fresh cut.....	455	Okra.....	437	Pumpkins.....	449	Watercress.....	471
Cabbage, mustard ..	393	Honeydew melons ..	423	Onions, dry.....	433	Radishes.....	451	Watermelons.....	473
Cantaloups and muskmelons ..	395	Lettuce, head .....	428	Onions, green.....	435	Spinach.....	457	Other vegetables - specify above .....	475



**SECTION 7 HAY, FORAGE, and OTHER CROPS -**  
Were any forage or other crops harvested on "THIS OPERATION" in 2002?

YES - Complete this section       NO - Go to section 8

1. For those crops not listed, enter the crop name and crop code from the list below for any forage or other crop harvested in 2002. Report quantity harvested in the unit specified with the crop name.

*If more space is needed, use a separate sheet of paper.*

CROP NAME	CODE	CROP NAME	CODE
Corn for grain or seed (bushels) . . . . .	067	Lotus root (pounds) . . . . .	641
Hay, alfalfa (tons, dry) . . . . .	103	Sorghum for grain or seed, including milo (bushels) . . . . .	082
Hay, other (tons, dry) . . . . .	109	Other field and forage crops (pounds) - specify above . . . . .	752
Crops cut and fed green (greenchop) including hay crops (Exclude pineapple plants.) (tons, green) . . . . .	115		

**SECTION 8 WOODLAND CROPS -**  
Were any Christmas trees or short rotation woody crops on "THIS OPERATION" in 2002?

YES - Complete this section       NO - Go to section 9

1. Cut Christmas trees - cut or to be cut <i>(Report live trees sold in section 6.)</i>	None	ACRES IN PRODUCTION	NUMBER OF TREES CUT
		1023	1
2. Short rotation woody crops <i>(Trees with growth cycles of 10 years or less. Report nursery stock in section 6.)</i>	1025	ACRES IN PRODUCTION	ACRES HARVESTED
		1	1

**SECTION 9 HOGS and PIGS -**  
Did YOU or ANYONE ELSE have any hogs or pigs on "THIS OPERATION" during 2002?  
*(Include hogs grown for others on a contract basis.  
Contractors or integrators only report hogs on land you operate.  
Exclude hogs grown by someone else on contract.)*

1211 1  YES - Complete this section 3  NO - Go to section 10

**DECEMBER 31, 2002, INVENTORY**

1. Of the total number of hogs and pigs on hand, how many were -

- HOGS and PIGS used or to be used for BREEDING? →  816
- Other hogs and pigs, including market hogs? →  817

2. TOTAL HOGS and PIGS on hand December 31, 2002 - ADD items 1a and 1b →  815

None	NUMBER ON THIS OPERATION DECEMBER 31, 2002
816	816
817	817
815	815

**HOGS AND PIGS SOLD FROM "THIS OPERATION" IN 2002**

3. Number of HOGS and PIGS sold or moved from "THIS OPERATION" in 2002, including feeder pigs →  820

NUMBER
820

**TYPE OF OPERATION and PRODUCER**

4. Mark the item(s) which best describes this operation.

1241 <input type="checkbox"/> Farrow to wean	1242 <input type="checkbox"/> Farrow to finish	1243 <input type="checkbox"/> Finish only
1244 <input type="checkbox"/> Farrow to feeder	1245 <input type="checkbox"/> Nursery	1246 <input type="checkbox"/> Other - specify → <input type="text"/>

5. Mark the item(s) which best describes this producer.

1214 <input type="checkbox"/> Independent grower	1215 <input type="checkbox"/> Contractor or integrator	1216 <input type="checkbox"/> Contract grower (contractee)
--	--	--

**SECTION 10****CATTLE and CALVES -**

Did YOU or ANYONE ELSE have any cattle or calves, including dairy cattle, on "THIS OPERATION" in 2002?

(Include cattle on land used rent free.  
Include cattle on public, private, or industrial property under a grazing permit.)

1201 1  YES - Complete this section 3  NO - Go to section 11

**DECEMBER 31, 2002, INVENTORY**

(Include cattle grown or fed on "THIS OPERATION" for others on a custom or contract basis. Exclude any of your cattle grown or fed by someone else on a custom or contract basis.)

1. Of the total number of cattle and calves on hand, how many were -

None	NUMBER ON THIS OPERATION DECEMBER 31, 2002
------	--

a. BEEF COWS? (Include beef heifers that had calved.) →  804

b. MILK COWS, both dry or in milk? (Include milk heifers that had calved.) →  805

c. OTHER CATTLE (heifers, steers, calves, and bulls combined)? →  1206

2. TOTAL CATTLE and CALVES on hand December 31, 2002 - ADD items 1a and 1b and 1c →  803

3. Of the total cattle and calves reported in item 2 above, how many were ON FEED December 31, 2002, that were or will be shipped directly from your feedlot to slaughter market? →  1207

**CATTLE and CALVES SOLD FROM "THIS OPERATION" IN 2002**

(Include those fed on "THIS OPERATION" on a custom or contract basis.  
Also report as sold cattle moved from "THIS OPERATION" to a feedlot for further feeding.)

4. Of the CATTLE and CALVES sold or moved from "THIS OPERATION" during 2002, how many were -

None	NUMBER
------	--------

a. CALVES sold in 2002 weighing less than 500 pounds? →  808

b. CATTLE sold in 2002, including calves weighing 500 pounds or more? →  810

5. Of the cattle reported sold in item 4b above, how many were ON FEED that were shipped directly from your feedlot to the slaughter market?

(Exclude any of your cattle being custom fed in feedlots operated by others.  
Exclude cattle sold as feeders.) →  812

**SECTION 11 Poultry -**  
Did YOU or ANYONE ELSE have any poultry, such as chickens, turkeys, ducks, emus, ostriches, etc., on "THIS OPERATION" in 2002?  
(Include poultry grown for others on a contract basis.)

1217    1  YES - Complete this section    3  NO - Go to section 12

	INVENTORY ON THIS OPERATION DECEMBER 31, 2002	TOTAL NUMBER SOLD OR MOVED FROM THIS OPERATION IN 2002
1. Chickens -		
a. Layers 20 weeks old and older for table and hatching eggs →	None 892	893
b. Pullets for laying flock replacement →	1221	895
c. Broilers, fryers, and other chickens raised for meat production, including capons and roasters →	898	899
2. Turkeys →	1223	1224
3. Ducks →	904	905
4. Emus →	845	846
5. Geese →	906	907
6. Ostriches →	878	879
7. Pheasants →	910	911
8. Pigeons or squab →	908	909
9. Quail →	912	913
10. All other poultry - specify ↓	914	915
11. Poultry hatched on "THIS OPERATION" in 2002 (chickens, turkeys, ducks, etc.) - specify kind(s) of poultry →	None 916	NUMBER



**SECTION 13 PRODUCTION CONTRACTS and CUSTOM FEEDING -**

- In 2002, did "THIS OPERATION" custom feed for others any livestock or poultry that it did not own?  
 1300 1  YES - Go to item 5      3  NO - Continue
- Did "THIS OPERATION" raise any crop, livestock, or poultry that it did not own?  
 1301 1  YES - Continue      3  NO - Go to section 14
- Did the owner (contractor) of the commodity provide any inputs (such as feed or seed)?  
 1302 1  YES - Continue      3  NO - Go to section 14
- Did "THIS OPERATION" receive a fee or percentage of the production for raising the commodity?  
 1303 1  YES - Continue      3  NO - Go to section 14
- How many units (*head, bushels, etc.*) of the following contract commodities were raised and delivered from "THIS OPERATION" in 2002?  
*(Exclude commodities raised for marketing contracts.)*

	None	QUANTITY DELIVERED												UNIT
a. Broilers and other meat-type chickens →	1304													birds
b. Eggs (chicken) →	1305													dozen eggs
c. Pullets for laying flock replacement →	1306													birds
d. Turkeys →	1307													birds
e. Custom fed cattle <i>(Exclude cattle custom fed for you by others.)</i> →	1308													head
f. Hogs and pigs →	1309													head
g. Other livestock, poultry, or aquaculture - specify type and unit →	1310													—
h. Grains and oilseeds →	1311													bushels
i. Vegetables, melons, potatoes, and sweet potatoes - specify type and unit →	1312													—
j. Other crops - specify type and unit →	1313													—

															TOTAL DOLLARS
1314															0 0

- What was the total dollar amount "THIS OPERATION" received in 2002 for delivering commodities under production contracts? →
- Mark all expenses that were partially or completely paid by contractor(s).
 

1315 <input type="checkbox"/> None 1316 <input type="checkbox"/> Feeder livestock and poultry 1317 <input type="checkbox"/> Feed	1318 <input type="checkbox"/> Fertilizer and lime 1319 <input type="checkbox"/> Chemicals 1320 <input type="checkbox"/> Supplies	1321 <input type="checkbox"/> Fuels 1322 <input type="checkbox"/> Utilities 1323 <input type="checkbox"/> Veterinary services	1324 <input type="checkbox"/> Breeding livestock 1325 <input type="checkbox"/> Seed 1326 <input type="checkbox"/> Other - specify ↓
--	--	---	---
- Contractor's name and phone number.
 

Name	1327													
Area Code and Phone Number	1328			-		-								

**SECTION 14****VALUE OF SALES -**

Report value of agricultural products sold from "THIS OPERATION" in 2002, including the value of the landlord's share, before marketing charges, hauling, etc.

(Exclude dollars for items produced under production contracts, section 13.)

1. GRAINS, OILSEEDS, DRY BEANS, and DRY PEAS (corn, flaxseed, grain silage and forage, grains and oilseeds, popcorn, rice, small grains, sorghum, soybeans, sunflowers, straw, etc.)	None	DOLLARS
→	<input type="checkbox"/> 1331	0 0
2. TOBACCO →	<input type="checkbox"/> 1332	0 0
3. COTTON and COTTONSEED →	<input type="checkbox"/> 1333	0 0
4. VEGETABLES, MELONS, POTATOES, and SWEET POTATOES (beets, cabbage, cantaloups, pumpkins, sweet corn, tomatoes, watermelons, vegetable seeds, etc.) →	<input type="checkbox"/> 1334	0 0
5. FRUIT, TREE NUTS, and BERRIES (apples, avocados, bananas, cherries, coffee, grapes, kiwifruit, macadamia nuts, oranges, papayas, pears, pecans, pineapples, strawberries, etc.) →	<input type="checkbox"/> 1335	0 0
6. NURSERY, GREENHOUSE, FLORICULTURE, and SOD (bedding plants, bulbs, cut flowers, flower seeds, foliage plants, mushrooms, nursery potted plants, shrubbery, sod, etc.) →	<input type="checkbox"/> 1336	0 0
7. CUT CHRISTMAS TREES and SHORT ROTATION WOODY CROPS →	<input type="checkbox"/> 1337	0 0
8. OTHER CROPS and HAY (ginger root, grass seed, hay and grass silage, hops, maple syrup, mint, peanuts, sugarcane, sugarbeets, taro, etc.) →	<input type="checkbox"/> 1338	0 0
9. HOGS and PIGS →	<input type="checkbox"/> 1341	0 0
10. MILK and other dairy products from cows →	<input type="checkbox"/> 1340	0 0
11. CATTLE and CALVES (beef and dairy cattle for breeding stock, fed cattle, beef and dairy cull animals, stockers and feeders, veal calves, etc.) →	<input type="checkbox"/> 1339	0 0
12. SHEEP, GOATS, and their PRODUCTS (wool, mohair, milk, and cheese) →	<input type="checkbox"/> 1342	0 0
13. HORSES, PONIES, MULES, BURROS, AND DONKEYS →	<input type="checkbox"/> 1343	0 0
14. POULTRY and EGGS (broilers, chickens, turkeys, ducks, eggs, geese, hatchlings, pheasants, poultry products, etc.) →	<input type="checkbox"/> 1344	0 0
15. AQUACULTURE (catfish, trout, ornamental and other fish, mollusks, crustaceans, etc.) →	<input type="checkbox"/> 1345	0 0
16. OTHER ANIMALS and OTHER ANIMAL PRODUCTS (bees, honey, rabbits, fur-bearing animals, semen, manure, other animal specialties, etc.) →	<input type="checkbox"/> 1346	0 0
17. TOTAL SALES - ADD items 1 through 16 →	<input type="checkbox"/> 1347	0 0
a. What was the value of the landlord's share of the TOTAL SALES (item 17 above) produced by "THIS OPERATION"? (Exclude cash rents.) →	<input type="checkbox"/> 1349	0 0

### ► VALUE OF SALES - Continued

18. During 2002, did you grow or raise any crops, livestock, poultry, or their products that were sold DIRECTLY to individual consumers for HUMAN CONSUMPTION (roadside stands, farmers markets, pick your own, door to door, etc.)?

1409       YES - Gross value of these direct sales → 920      

DOLLARS									

 0 0

specify product(s) → 1410     

3  NO - Continue

19. What was the value of certified organically produced commodities sold from "THIS OPERATION" in 2002? → 1350       None      

DOLLARS									

 0 0

---

Use this space for calculations.

<b>SECTION 15 CCC LOANS and FEDERAL FARM PROGRAM PAYMENTS -</b>	
(Include all CCC loans taken out in 2002, even if redeemed or forfeited.)	
<b>1.</b> Total amount received in 2002 from Government CCC loans for all crops (Include barley, canola and other rapeseed, corn, cotton, flaxseed, oats, mustard seed, rice, safflower, soybeans, sorghum, sunflower seed, and wheat.)	<input type="checkbox"/> None <span style="float: right;">DOLLARS</span> <span style="margin-left: 10px;">1411</span>  <span style="float: right;">0 0</span>
<b>Payments received for participation in FEDERAL FARM PROGRAMS in 2002 -</b> (Exclude CCC loans and state farm program payments.)	
<b>2.</b> Amount received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP)	<input type="checkbox"/> 685 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>3.</b> Amount received for participation in OTHER Federal farm programs (Include loan deficiency payments.)	<input type="checkbox"/> 1412 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>SECTION 16 INCOME FROM FARM-RELATED SOURCES -</b>	
Report amount received before taxes and expenses in 2002.	
<b>1.</b> Customwork and other agricultural services provided for farmers and others - plowing, planting, spraying, harvesting, preparation of products for market, etc. (Exclude if customwork is an entirely separate business from your agricultural operation.)	<input type="checkbox"/> None <span style="float: right;">DOLLARS</span> <span style="margin-left: 10px;">992</span>  <span style="float: right;">0 0</span>
<b>2.</b> Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments (Include payments for livestock pastured on a per-head basis, per-month basis, AUM basis, etc.)	<input type="checkbox"/> 993 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>3.</b> Sales of forest products (Include pulpwood, timber, firewood, etc. Exclude sales of Christmas trees and maple products.)	<input type="checkbox"/> 994 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>4.</b> Recreational services, such as hunting, fishing, etc.	<input type="checkbox"/> 1401 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>5.</b> Patronage dividends and refunds from cooperatives	<input type="checkbox"/> 1402 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>
<b>6.</b> Other income which is CLOSELY RELATED to the agricultural operation (Include animal boarding, tobacco settlements, state fuel tax refunds, tax refunds, state farm program payments, etc.) - specify	<input type="checkbox"/> 1403 <span style="float: right;">DOLLARS</span>  <span style="float: right;">0 0</span>

<b>SECTION 17 PRODUCTION EXPENSES -</b> Report production expenses paid by "THIS OPERATION" and its landlord(s) for "THIS OPERATION" in 2002.	
(Exclude expenses not related to the farm business and exclude expenses connected with performing customwork for others. Exclude expenses paid by the contractor.)	
<b>EXPENSES PAID BY "THIS OPERATION" and ITS LANDLORD(S)</b>	
▲ None	<b>DOLLARS</b>
1. Fertilizer, lime, and soil conditioners purchased (Include cost of custom application and organic materials.)	1501 <input type="text"/> 0 0
2. Chemicals purchased - insecticides, herbicides, fungicides, other pesticides, etc. (Include cost of custom application.)	1502 <input type="text"/> 0 0
3. Seeds, plants, vines, trees, etc. purchased (Include technology or other fees, seed treatments, and seed cleaning cost. Exclude items purchased for resale without additional growth.)	1503 <input type="text"/> 0 0
4. Livestock and poultry purchased -	
a. Breeding livestock, regardless of age (Include dairy cattle.)	1504 <input type="text"/> 0 0
b. All other livestock and poultry (Include stocker and feeder cattle, calves, sheep, lambs, feeder pigs, chicks, pouls, started pullets, horses, fish, goats, etc. Include livestock leasing expense.)	1505 <input type="text"/> 0 0
5. Feed purchased for livestock and poultry (Include grain, hay, silage, mixed feeds, concentrates, supplements, and premixes, etc.)	1506 <input type="text"/> 0 0
6. Gasoline, fuels, and oils purchased for the farm business (Include diesel, natural gas, LP gas, motor oil, and grease, etc.)	1507 <input type="text"/> 0 0
7. Utilities purchased for the farm business (Include electricity, farm share of telephone, water purchased, etc.)	1508 <input type="text"/> 0 0
8. Supplies, repairs, and maintenance costs for the farm business	1509 <input type="text"/> 0 0
9. Labor -	
a. Hired farm and ranch labor (Include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc.)	1510 <input type="text"/> 0 0
b. Contract labor (Include expenses for labor, such as harvesting of fruit, vegetables, berries, etc. performed on a contract basis by a contractor, crew leader, etc.)	1511 <input type="text"/> 0 0
10. Customwork and custom hauling (Example: Custom planting, harvesting, hauling, etc. Exclude cost of processing sugarcane and pineapples.)	1512 <input type="text"/> 0 0
11. Rent -	
a. Cash rent paid in 2002 (Include rent for land, buildings, and grazing fees.)	1513 <input type="text"/> 0 0
b. Rent and lease expenses for machinery, equipment, and farm share of vehicles (Exclude custom hire.)	1514 <input type="text"/> 0 0
12. Interest paid on debts -	
a. Secured by real estate	1515 <input type="text"/> 0 0
b. Not secured by real estate	1516 <input type="text"/> 0 0
13. Property taxes paid in 2002 (Include farm real estate, machinery, livestock, etc. for the farm business. Exclude taxes paid by landlords.)	1517 <input type="text"/> 0 0
14. All other production expenses (Include animal health cost, storage and warehousing, marketing and ginning expenses, miscellaneous farm supplies, insurance, etc. Exclude health and payroll taxes.)	1518 <input type="text"/> 0 0

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### PRODUCTION EXPENSES - Continued

#### EXPENSES PAID BY LANDLORD(S)

15. Of all the production expenses, what was the amount paid by landlord(s)? →  DOLLARS

#### DEPRECIATION

16. Depreciation expenses claimed by "THIS OPERATION" in 2002 for all capital assets  
(Estimate 2002 from 2001 if necessary.) →  DOLLARS

### SECTION 18 FERTILIZERS and CHEMICALS APPLIED -

Were any fertilizers, manure, insecticides, fungicides, nematicides, pesticides, growth regulators, or other chemicals used on "THIS OPERATION" during 2002?

(Include rock phosphate, lime, and gypsum as fertilizer.)

1568 1  YES - Complete this section 3  NO - Go to section 19

#### COMMERCIAL FERTILIZER and SOIL CONDITIONERS USED ON "THIS OPERATION"

1. Acres of cropland fertilized in 2002  
(Exclude cropland used only for pastures.) →  ACRES
2. Acres of pastureland and rangeland fertilized in 2002, including cropland pastured →  ACRES

#### MANURE USED ON "THIS OPERATION"

3. Acres of cropland and pastureland on which animal manure was applied in 2002 →  ACRES

#### CHEMICALS USED ON "THIS OPERATION"

(The same acres can be reported in more than one item below. However, report acres only ONCE for multiple applications.)

4. Acres treated to control -
  - a. Insects →  ACRES
  - b. Weeds, grass, or brush (Include both pre-emergence and post emergence.) →  ACRES
  - c. Nematodes →  ACRES
  - d. Diseases in crops and orchards (blight, smuts, rusts, etc.) →  ACRES
5. Acres of crops treated to control growth, thin fruit, or defoliate →  ACRES

**SECTION 19 MACHINERY and EQUIPMENT -**  
Report machinery and equipment on "THIS OPERATION" on December 31, 2002.

1. Estimated market value of ALL machinery, equipment, and implements on "THIS OPERATION" regardless of ownership on December 31, 2002  
*(Include all machinery, equipment, and implements used for the farm or ranch business in 2001 or 2002 and usually kept on this operation.)*

ESTIMATED MARKET VALUE (DOLLARS)									
943	0	0	0	0	0	0	0	0	0

2. For the machinery and equipment items listed below, report the NUMBER on "THIS OPERATION" on December 31, 2002, and used in 2001 or 2002.

	Total number on this operation December 31, 2002	None	Of these, the number manufactured in the last 5 years (1998-2002)
a. Tractors less than 40 horsepower (PTO) <i>(Exclude garden tractors.)</i>	946	947	948
b. Tractors 40 - 99 horsepower (PTO)	948	949	949
c. Tractors 100 horsepower (PTO) or more	962	963	963
d. Grain and bean combines, self-propelled	950	951	951
e. Cotton pickers and strippers, self-propelled	956	957	957
f. Forage harvesters, self-propelled	953	954	954
g. Hay balers	960	961	961

**SECTION 20 MARKET VALUE OF LAND and BUILDINGS -**  
Report your best ESTIMATE of the CURRENT MARKET VALUE OF LAND and BUILDINGS for acres reported in section 1, items 1, 2, and 3, on page 2.

1. Estimated market value of -

ESTIMATED MARKET VALUE OF LAND AND BUILDINGS (DOLLARS)									
None	0	0	0	0	0	0	0	0	0

a. All land and buildings owned → 996

b. All land and buildings rented or leased FROM OTHERS → 997

c. All land and buildings rented or leased TO OTHERS → 998

**SECTION 21 FARM LABOR -**

1. How many hired farm or ranch workers, including paid family members and office workers, on "THIS OPERATION" in 2002 -

NUMBER OF HIRED WORKERS									
None	941	941	941	941	941	941	941	941	941

a. Worked less than 150 days? *(Exclude contract labor.)* → 941

b. Worked 150 days or more? *(Exclude contract labor.)* → 942

2. On "THIS OPERATION" in 2002, were any hired or contract workers migrant workers?  
*(A migrant worker is a farm worker whose employment required travel that prevented the migrant worker from returning to his/her permanent place of residence the same day.)*

1573    1  YES    3  NO

**SECTION 22 TYPE OF ORGANIZATION -**

1. Mark the one item which best describes "THIS OPERATION" in 2002.

1671 1  FAMILY or INDIVIDUAL operation (*Exclude partnership and corporation.*)

2  PARTNERSHIP operation (*Include family partnerships.*) –

- Is this partnership registered under state law?

1567 1  YES      3  NO

3  INCORPORATED UNDER STATE LAW –

- Is this a family-held corporation?

1681 1  YES      3  NO

- Are there more than 10 stockholders?

1683 1  YES      3  NO

4  OTHER, such as estate or trust, prison farm, grazing association,  
American Indian reservation, etc. - *specify type* →

**Section 23 - Not applicable to this form. Go to section 24.**

SECTION 24 OPERATOR CHARACTERISTICS -														
<p>The operators are those persons responsible for the day-to-day management decisions for "THIS OPERATION," including hired managers.</p>														
<div style="border: 1px solid black; padding: 2px; display: inline-block;">NUMBER OF OPERATORS</div>														
<ol style="list-style-type: none"> <li>1. How many individuals were involved in the day-to-day decisions for "THIS OPERATION"? <i>(Enter the number of operators, including the operator listed on the front of this form. Identify the operators in the columns below. Exclude hired workers unless they are a hired manager or family member.)</i> →</li>   <li>2. How many of these operators are women? →</li> </ol>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1575</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1574</div>													
<p>Answer the following questions for up to three primary operators of "THIS OPERATION" as of December 31, 2002.</p>														
<p>3. Name →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">PRINCIPAL OPERATOR or senior partner</td> <td style="padding: 2px;">OPERATOR 2</td> <td style="padding: 2px;">OPERATOR 3</td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </table>	PRINCIPAL OPERATOR or senior partner	OPERATOR 2	OPERATOR 3				<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1597</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1591</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1592</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1931</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1595</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1596</div>						
PRINCIPAL OPERATOR or senior partner	OPERATOR 2	OPERATOR 3												
<p>4. Sex of operator →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">926</td> <td style="padding: 2px; text-align: center;">1586</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1585</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> Male    <input type="checkbox"/> Female         </td> <td style="text-align: center;"> <input type="checkbox"/> Male    <input type="checkbox"/> Female         </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> </tr> </table>	926	1586	1581	1831	1584	1585	<input type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>5. Principal occupation of operator -</p> <p>a. Farm or ranch operator →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">928</td> <td style="padding: 2px; text-align: center;">1580</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1585</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> </tr> </table>	928	1580	1581	1831	1584	1585	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>b. Other →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">923</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1585</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> </tr> </table>	923	1581	1581	1831	1584	1585	<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>6. Did this operator live on "THIS OPERATION" at any time during the last 12 months? →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">923</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1581</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1585</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> YES    <input type="checkbox"/> NO         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None    <input type="checkbox"/> 1 - 49 days    <input type="checkbox"/> 50 - 99 days    <input type="checkbox"/> 100 - 199 days    <input type="checkbox"/> 200 days or more         </td> </tr> </table>	923	1581	1581	1831	1584	1585	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
923	1581	1581	1831	1584	1585									
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<p>7. Off-farm work - How many days did the operator work at least 4 hours per day off "THIS OPERATION" for pay in 2002? <i>(Include work on someone else's farm for pay.)</i> →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">929</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1831</td> <td style="padding: 2px; text-align: center;">1595</td> <td style="padding: 2px; text-align: center;">1596</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> <td style="text-align: center;"> <input type="checkbox"/> None  <input type="checkbox"/> 1 - 49 days  <input type="checkbox"/> 50 - 99 days  <input type="checkbox"/> 100 - 199 days  <input type="checkbox"/> 200 days or more         </td> </tr> </table>	929	1831	1831	1831	1595	1596	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<input type="checkbox"/> None <input type="checkbox"/> 1 - 49 days <input type="checkbox"/> 50 - 99 days <input type="checkbox"/> 100 - 199 days <input type="checkbox"/> 200 days or more	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>8. In what year did the operator begin to operate any part of "THIS OPERATION"? →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">930</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1584</td> <td style="padding: 2px; text-align: center;">1595</td> <td style="padding: 2px; text-align: center;">1596</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> </tr> </table>	930	1584	1584	1584	1595	1596	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>9. Age of operator on December 31, 2002 →</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px; text-align: center;">925</td> <td style="padding: 2px; text-align: center;">1585</td> <td style="padding: 2px; text-align: center;">1585</td> <td style="padding: 2px; text-align: center;">1585</td> <td style="padding: 2px; text-align: center;">1596</td> <td style="padding: 2px; text-align: center;">1596</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> </td> </tr> </table>	925	1585	1585	1585	1596	1596	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">1</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">5</div>
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<p>10. Is the operator of Spanish, Hispanic, or Latino origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? →</p>	<b>PRINCIPAL OPERATOR or senior partner</b> 927 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	<b>OPERATOR 2</b> 1587 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	<b>OPERATOR 3</b> 1598 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO
<p>11. Race of operator →</p>	<b>MARK ONE OR MORE</b> 1701 <input type="checkbox"/> White 1702 <input type="checkbox"/> Black or African American 1703 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓  1706 <input type="checkbox"/> Native Hawaiian 1711 <input type="checkbox"/> Other Pacific Islander 1707 <input type="checkbox"/> Japanese 1708 <input type="checkbox"/> Chinese 1709 <input type="checkbox"/> Korean 1710 <input type="checkbox"/> Filipino 1712 <input type="checkbox"/> Other Asian	<b>MARK ONE OR MORE</b> 1801 <input type="checkbox"/> White 1802 <input type="checkbox"/> Black or African American 1803 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓  1806 <input type="checkbox"/> Native Hawaiian 1811 <input type="checkbox"/> Other Pacific Islander 1807 <input type="checkbox"/> Japanese 1808 <input type="checkbox"/> Chinese 1809 <input type="checkbox"/> Korean 1810 <input type="checkbox"/> Filipino 1812 <input type="checkbox"/> Other Asian	<b>MARK ONE OR MORE</b> 1901 <input type="checkbox"/> White 1902 <input type="checkbox"/> Black or African American 1903 <input type="checkbox"/> American Indian or Alaska Native - specify tribe ↓  1906 <input type="checkbox"/> Native Hawaiian 1911 <input type="checkbox"/> Other Pacific Islander 1907 <input type="checkbox"/> Japanese 1908 <input type="checkbox"/> Chinese 1909 <input type="checkbox"/> Korean 1910 <input type="checkbox"/> Filipino 1912 <input type="checkbox"/> Other Asian
<p>12. Did this operator live on an American Indian reservation in 2002? →</p>	1413 1 <input type="checkbox"/> YES 3 <input type="checkbox"/> NO	<b>NUMBER OF PERSONS LIVING IN HOUSEHOLD</b> 1577 	<b>NUMBER OF PERSONS LIVING IN HOUSEHOLD</b> Enter '0' if this operator has been counted in the previous column. 1589 
<p>13. Number of persons living in operator's household →</p>			
<p>14. Did "THIS OPERATION" use a computer for the farm business any time during 2002?</p>	1602 1 <input type="checkbox"/> YES      3 <input type="checkbox"/> NO		
<p>15. Did "THIS OPERATION" have Internet access any time during 2002?</p>	1603 1 <input type="checkbox"/> YES      3 <input type="checkbox"/> NO		
<p>16. Is the principal operator a hired manager for "THIS OPERATION"?</p>	1576 1 <input type="checkbox"/> YES - Go to section 25      3 <input type="checkbox"/> NO - Continue		
<p>17. How many households share in the net farm income of "THIS OPERATION"? →</p>		<b>NUMBER</b> 	
<p>18. What percent of the principal operator's total household income came from "THIS OPERATION"? →</p>		<b>PERCENT</b> 	%

**SECTION 25 CONCLUSION -**

1. In the future, does "THIS OPERATION" intend to produce, raise, or grow for sale agricultural products or to receive Federal farm program payments?

1348 1  YES      3  NO

**POSSIBLE DUPLICATION**

2. It is important that we do not have duplication on our list of farms and ranches. Is it possible the information on this form would be reported by another operation or under another name or address?

1080 1  YES - Please provide the name and address below      3  NO - Go to item 3

Name  
1081 [REDACTED]

Address  
1082 [REDACTED]

City  
1083 [REDACTED]      State  
1084 [REDACTED]      Zip code  
1085 [REDACTED]

**ADDITIONAL FARM or RANCH**

3. It is important that the Census of Agriculture accurately accounts for all of your farm or ranch operations. Do you (*the individual named on the label*) make any day-to-day decisions for another farm or ranch?

1086 1  YES - Continue with item a      3  NO - Go to item 4

a. Did you receive a 2002 Census of Agriculture form for this additional farm or ranch?

1087 1  YES - Go to item 4      3  NO - Enter the information of the additional farm or ranch below

Name  
1088 [REDACTED]

Area Code and Phone Number  
1089 [REDACTED] - [REDACTED] - [REDACTED]      State  
1090 [REDACTED]

b. Did you include all data from this additional farm or ranch on THIS REPORT? (*Do not make changes to the data in this report, regardless of your answer.*)

1091 1  YES      3  NO

**THANK YOU FOR YOUR COOPERATION**

4. Please print the information for the person completing this form.

Name  
1092 [REDACTED]

Area Code and Phone Number  
1093 [REDACTED] - [REDACTED] - [REDACTED]      Date (MM-DD-YEAR)  
1094 [REDACTED] - [REDACTED] - 2 0 0 [REDACTED]

## INSTRUCTION SHEET

### UNITED STATES 2002 CENSUS OF AGRICULTURE

**Who Should Report - A REPLY IS NEEDED FROM EVERYONE WHO RECEIVED A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and even THOSE NOT INVOLVED IN CONDUCTING AGRICULTURAL OPERATIONS.** Please complete the enclosed report form and return it to us in the preaddressed envelope provided. If you call for assistance on the toll-free help line at 1-888-424-7828, have the form(s) available. To serve you better, the assistant will ask for the 12-digit ID printed in the address area on the front of your report form(s). We need your response, whether you farmed in 2002 or not.

**How to Enter Your Responses - Use BLUE or BLACK INK only.** Enter your replies in the unit(s) requested, i.e., dollars, bushels, tons, etc. When reporting dollars, report in whole dollars only. Convert fractions to decimal equivalents. Please print clearly and keep numbers and letters within the boxes. Answer the screener questions at the beginning of the sections where applicable. Mark the Yes/No and None boxes with an 'X'.

**In the example below:** In 2002, you harvested 30,420 bushels of corn for grain or seed from 231 acres. None of the acres were irrigated and none were harvested for silage.

<b>SECTION 3 CROPS</b>			
Write down the following FIELD CROPS, HAY and FORAGE CROPS, WOODLAND CROPS, and OTHER FIELD and FORAGE CROPS harvested from "THIS OPERATION" in 2002. (Report fruit and nut crops, nursery, greenhouse, floriculture, mushrooms, sod, vegetables, and berries in sections 5 through 8.) <small>(Include landlord's share. Exclude crops grown on land rented TO OTHERS.)</small>			
<small>1001 1 X YES - Complete this section      3    □ NO - Go to section 4</small>			
<b>FIELD CROPS</b>			
None	<b>ACRES HARVESTED</b>	<b>QUANTITY HARVESTED</b>	<b>ACRES IRRIGATED</b>
1. Corn for grain or seed → <input type="checkbox"/> 007	2 3 1	3 0 4 2 0	0
2. Corn for silage or greenchop → <input checked="" type="checkbox"/> 020	1	Tons	2

**In the example below:** In 2002, you harvested 10.0 acres of carrots from a field, then replanted the same field in carrots and harvested the 10.0 acres again. One crop was sold for fresh and one crop for processing. Both crops were irrigated. In item 1, enter only 10.0 acres of land from which vegetables were harvested and 10.0 acres irrigated, but in item 2, write 20.0 acres of total carrots harvested, and 10.0 acres of carrots for processing. If carrots are not preprinted, print "carrots" for the crop name and code "397" for the crop code.

1. Land from which vegetables and melons were harvested in 2002. (Report multiple cropped acreage only once.) → <input type="checkbox"/> 075		<b>TOTAL ACRES</b> WHOLE ACRES <small>Rent</small>	<b>ACRES IRRIGATED</b> WHOLE ACRES <small>Rent</small>
		1 0 . 0	1 0 . 0
2. For those crops not listed, enter the crop name and crop code from the list below for each crop harvested in 2002. (If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 8.) → <input type="checkbox"/> 075		<b>CROP NAME</b>	<b>CROP CODE</b>
		<b>TOTAL ACRES HARVESTED</b> WHOLE ACRES <small>Rent</small>	<b>ACRES HARVESTED FOR PROCESSING</b> WHOLE ACRES <small>Rent</small>
		Carrots      3 9 7	2 0 . 0      1 0 . 0

Write any explanation outside the answer spaces or on a separate sheet of paper. If a separate sheet is used, include the 12-digit ID number from the address area. Call the toll-free help line, 1-888-424-7828, if you have any questions.

**Form Does Not Apply To Me or Never Farmed -** If you never farmed or have no association with agriculture and no agricultural land, write "Never farmed" below the address area, and mail report form in the return envelope.

**Partial Year Operations -** If you quit farming during 2002, complete the report form for the portion of the year that you did farm. Write "Quit farming during 2002" and the date you quit farming in the area below the address area. Mail report form in the return envelope.

**Landlord Only -** If you are a landlord only, complete section 1 and section 25. Mail report form in the return envelope. Your tenant(s) will receive a form to report production for the land they rent.

**No Longer Operating a Farm or Ranch or Did Not Operate One At All In 2002 and Have No Agricultural Land -** Write "Do not have agricultural activity" and, if applicable, enter the date you quit farming in the area below the address area. Mail report form in the return envelope.

If you owned farm or ranch land in 2002 that was idle and NOT rented out, you should complete and return the report form.

**Land In the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) in 2002 -** If you had land in either of these programs and you made the day-to-day decisions on the acres, include the CRP or WRP land in "THIS OPERATION."

**Involved In More Than One Operation -** If you made decisions for more than one operation, you should receive a report form for each operation. Do not provide information for more than one operation on one form. To obtain additional report forms or if you have questions, please call the toll-free help line, 1-888-424-7828.

**Specialty Commodities -** Specialty commodities, such as horses, bees, elk, emus, fish, nursery, etc., are an important part of the agriculture industry. Please report for all items, regardless of the level of production you had in 2002.

**Received More Than One Report Form For the Same Operation -** If you received more than one report form for the same operation, complete only ONE form for your operation. Write "Duplicate" below the address area of each extra form. Also, write the 12-digit ID number of the EXTRA form(s) ON THE COMPLETED FORM in the space provided on the front of the form. Return the extra form(s) in the same return envelope with your completed form so that we can correct our records.

**If You Have a Partnership Operation -** Complete only ONE form for the entire partnership's agricultural operation and include ALL partners' shares on the one form. If you made decisions for more than one partnership operation, complete a report form for each operation. If known, the partners are listed below the address area to assist in defining the operation. If desired, you may make corrections to these names. If you have questions, please call the toll-free help line, 1-888-424-7828.

### Instructions for Specific Sections

#### Section 1 - ACREAGE IN 2002

Your answers in this section will determine the land (**Acres in "THIS OPERATION"**) referred to throughout the report form. When answering the acreage questions, include the land associated with your agricultural operation in 2002, whether in production or not. Include all land that you owned or rented during 2002, even if only for part of the year. EXCLUDE any unrelated residential or commercial land. Report all land in section 1 in whole acres.

**Item 1 - All Land Owned** - Report all land owned in 2002 whether held under deed, purchase contract or mortgage, homestead law, or as heir/heirless or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization named on the front of the report form.

**Item 2 - All Land Rented or Leased FROM OTHERS** - Report all land rented by you or your operation. Include land that was used on a share basis, cash rented, used rent free, or government owned land, Indian Reservation land, or railroad land leased by the acre. EXCLUDE land used under Government grazing permits or special license on a per-head or animal unit basis, such as section 3 of the Taylor Grazing Act, National Forest, or American Indian reservation permit land.

**Item 3 - All Land Rented or Leased TO OTHERS** - Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. DO NOT report land placed in the CRP or WRP as acres rented to others. Your tenant(s) will receive a form to report production for the land they rent.

**Item 4 - Acres In "THIS OPERATION"** - This is all land you operated at any time in 2002. The rest of the report form applies to these acres.

If item 4, Acres in "THIS OPERATION" is "0" and:

- You grew any crops or raised any livestock or poultry on "THIS OPERATION" in 2002, complete the report.
- All your land was operated by a renter or sharecropper, complete section 1, item 5 (number of owned acres rented), and explain briefly, "All land rented out," etc. in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.
- You did not have any agricultural activity on owned or rented land in 2002, explain briefly, such as "retired," "sold farm," and the date the change occurred in the space below section 1. Then skip to and complete section 25. Mail report form in the return envelope.

#### Section 2 - LAND

The sum of the acres entered in various categories should equal the total acres in section 1, item 4, acres in "THIS OPERATION" for this census report. EXCLUDE any crops grown on land rented or leased TO OTHERS or worked by others on shares during 2002.

**Land used for more than one purpose** - DO NOT report the same acreage in more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 2002, report that land only in the first purpose listed. For example, if you planted and harvested a grain crop and grazed the crop residue in the fall, report the land in item 1a, Cropland harvested. DO NOT report it again in item 1b, Cropland used only for pasture or grazing.

#### Item 1a - Cropland Harvested:

- **Double cropping** - If more than one crop was harvested from the same land in 2002, report that land only ONCE as "Cropland harvested."
- **Interplanted crops** - If you interplanted crops, such as pumpkins in a corn row, report the total land used for both crops only ONCE as "Cropland harvested."

- **Christmas trees to be cut** - Report acres of Christmas trees to be cut in later years as "Cropland Harvested."
- **Skip row planted crops** - The acres that represent the planted rows should be reported as "Cropland harvested," item 1a. Report the acres that represent the total nonplanted or skipped rows as "Cropland idle."

**Item 1d - Cropland Idle** - Report CRP and WRP acres that were not harvested or pastured as "Cropland idle."

**Item 1e - Cropland in Cultivated Summer Fallow** - Include cropland left unseeded for the 2002 harvest and summer fallowed, cultivated by tillage, or treated with herbicides to control weeds and conserve moisture. Include cropland summer fallowed in 2002 even though it may have been planted to wheat, etc., for the 2003 harvest.

**Item 2b - Woodland Not Pastured** - Report acres of tapped maple trees (sugarbush) as "Woodland not pastured."

**Item 6c - Certified Organically Produced Crops** - Cropland harvested as certified organically produced commodities will have an organic certification issued by a Federal, state, or private certification agency.

**Item 7 - Irrigation** - Include acres irrigated from all water sources including those irrigated from lagoons through a sprinkler or flood system.

### Section 3 - CROPS

**Acres harvested** - Enter the acres harvested in 2002. Round fractions to whole acres except where tenths are requested by "Tenths" in the reporting box, such as for potatoes.

**Quantity harvested** - If your unit of measure is different than the unit requested on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 2002, please estimate the total quantity to be harvested.

**Acres irrigated** - Report the irrigated harvested acres only once, even if the crop was irrigated multiple times during the growing season.

**Double cropping** - If two or more crops were harvested from the same land (double cropping), report the total acres and production of EACH harvested crop in the appropriate section(s) of the report form.

**Interplanted crops** - If two crops were grown at the same time in alternating strips in the same field, report the acreage of the field used for each crop.

**Skip row planting** - If a crop was planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the acreage of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as cropland idle in section 2, item 1d.

#### Hay and Forage Crops:

Include hay and forage from alfalfa, wild or native grasses, all small grains, soybeans, or peanuts.

#### Woodland Crops:

**Cut Christmas trees** - Acres in production of cut Christmas trees includes both those to be harvested in future years as well as those harvested in 2002. Trees cut should include only those trees cut in 2002. If there were acres in production, but no trees were cut, enter "0" for trees cut. Also, the acres of Christmas trees cut in 2002 and to be cut in future years should be reported in section 2, item 1a, Cropland harvested.

**Short rotation woody crops** - Acres harvested in 2002 should be reported as having been both in production and harvested. Acres not harvested in 2002 should be reported in production only. Also, include the acres in production in section 2, item 1a, Cropland harvested.

A short rotation woody crop is a tree that grows from seed to a mature tree in 10 years or less. These are trees for use by the paper or pulp industry, or as engineered wood. The wood is too soft to be used for lumber.

**Maple syrup** - Producers should report number of taps and gallons of syrup. If sap was sold, estimate the number of gallons of syrup it would have produced. Also, report the acres of tapped maple trees in section 2, item 2b, Woodland not pastured.

#### Other Field and Forage Crops:

Report for other field and forage crops harvested. If the crop name is not preprinted, print the crop name for each crop harvested in the first column and enter in the second column the corresponding code from the listed crops. Report the acres harvested in the third column and quantity harvested in the fourth column. Report the irrigated acres that were harvested, if any, in the fifth column. Acreage of sweet corn harvested for seed is reported as crop code 752 and the value of sales are reported in section 14, item 8.

### Section 4 - GRAIN STORAGE CAPACITY

Report total capacity of all structures normally used, even if it is not currently in use. Do not report any capacity or usage of off-farm public storage.

### Section 5 - NURSERY, GREENHOUSE, FLORICULTURE, SOD, MUSHROOMS, and VEGETABLE SEEDS

Report Christmas trees grown on this operation and sold live as nursery stock, code 488. Report all acres of Christmas trees in production for cut Christmas trees and the number CUT in 2002 in section 3. All acres of Christmas trees harvested in 2002 and for future years should also be included in section 2, item 1a, Cropland harvested.

### Section 6 - VEGETABLES and MELONS

**Item 1** - Report acres of vegetables and melons harvested for sale. EXCLUDE vegetables and melons grown in home gardens.

**Item 2** - If the crop name is not preprinted, for each crop harvested, enter the name of the crop, the corresponding crop code from the listed crops, the total acres harvested (in acres and tenths), and the acres that were harvested for processing (in acres and tenths). See "How to Enter Your Responses" example on the front page of this Instruction Sheet.

### Section 7 - FRUITS and NUTS

In counting the combined total of 20 or more trees and vines, include both those trees and vines whose production is either for home use or for sale. EXCLUDE abandoned acres of orchards or vineyards. "Bearing Acres" are the acres of trees or vines that produced ANY fruit or nut crop in 2002 or previous years. If fruit and nut trees and vines were interplanted with crops other than trees or vines, report only the total acres for the orchard crop in section 7, and the total acres of each interplanted crop in their appropriate section(s).

### Section 8 - BERRIES

Include only those acres from which berries were harvested for sale. Do not include abandoned acres or acres harvested for home use. Report acres to the nearest tenth of an acre.

### Sections 9 through 11 - HOGS and PIGS, CATTLE and CALVES, and POULTRY

Include all animals owned by you, raised by you under contract, or kept by you for others that were on "THIS OPERATION" on December 31, 2002. Include animals on unfenced lands, National Forest land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head, Animal Unit Month (AUM), or lease basis. Animals in transit on December 31, 2002, should be reported by the person who had control of the animals.

**Contract and custom feeding operations** - Counts of hogs and pigs, cattle and calves, or poultry kept by you on "THIS OPERATION" on a contract or custom fed basis should be included in sections 9 through 11, REGARDLESS OF OWNERSHIP. Report numbers of animals or poultry on December 31, 2002. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from "THIS OPERATION" in 2002. In section 13, report quantity delivered of custom fed livestock or production contract livestock and poultry in the appropriate line, and report the dollar amount received from the contractors in item 6.

**Animals and poultry to exclude from the report form** - Exclude animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. EXCLUDE animals quartered in feedlots which are NOT located on "THIS OPERATION." Animals kept on a place not operated by you are to be reported on the report form for that operation. DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions.

**Number sold** - Report all animals and poultry sold or moved from "THIS OPERATION" in 2002, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. DO NOT report number sold of any hogs and pigs, cattle and calves, or poultry owned by you that were kept and sold from a location that you did not operate.

**Animals moved from "THIS OPERATION"** - For animals moved from "THIS OPERATION" to another, such as for further feeding, report them as "sold." Cattle moved are NOT considered "sold" if they were moved to another operation for a short term such as winter wheat or corn stubble grazing during the winter or to public grazing land.

**Fed cattle sold for slaughter** - Cattle fed on grain or concentrates for 30 days or more and sold for slaughter are reported in section 10, item 4b and item 5.

DO NOT INCLUDE WITH FED CATTLE SOLD:

- Cattle and calves sold or moved off the operation for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Cull or dairy cows fed only the usual dairy ration before being sold

## **Section 12 - OTHER ANIMALS and THEIR PRODUCTS and AQUACULTURE**

**Item 2** - Report total sheep **owned by you** regardless of location. Include total sheep owned even if not kept on "THIS OPERATION." Include ewes owned in both item 2 and item 2a. **Contract and Custom Feeding Operations** - DO NOT report inventory of sheep and lambs that are NOT OWNED by you. They are to be reported on the owner's report form.

**Items 6 and 10 - If you owned BEES** - Report all colonies or hives of bees for honey production owned by you, regardless of where the hives were kept most of the year. Report number of hives or colonies in item 6. Report pounds of honey produced in item 10. DO NOT report hives or colonies if they are NOT OWNED by you.

**Item 7 - Other Livestock and Animals** - Report the inventory of fur-bearers (mink, rabbits, and other animals) raised in captivity on "THIS OPERATION." If mink pelts and rabbit pelts were sold in 2002, include in number sold. Retained pelts should be included in inventory. The value of pelt sales should be reported in section 14, item 16. Report the inventory and number sold in 2002 of the bison, deer, elk, llama, or other livestock and animals raised in captivity in item 7 and their value of sales in section 14, item 16.

**Item 11 - Other Livestock Products** - Include manure, beeswax, and any other animal products **sold** from "THIS OPERATION" in 2002. Indicate units used in reporting.

**Item 12 - Aquaculture** - Report fingerlings or quantity of fish eggs sold of any species as code 869. For code 869, print the name of the aquaculture fish or product in column one.

## **Section 13 - PRODUCTION CONTRACTS and CUSTOM FEEDING**

A *production contract* is an agreement between a grower and contractor (integrator) that specifies that the grower will raise an agricultural commodity and that the contractor will provide certain inputs such as feed, fertilizer, etc. The grower receives a payment or fee from the contractor, generally after delivery, that is usually less than the full market price of the commodity. The contractor takes possession of the raised commodity at the end of the growing period.

Report amount of the specified commodity that you raised and delivered under a production contract in the unit requested in item 5. If you had contracts with more than one integrator or contractor for a single commodity, combine the production of all contracts and report the total units produced for that commodity in the proper category in items 5a through 5j. If you had multiple contracts to produce different commodities, report the appropriate amount of each commodity produced under each contract(s) in the proper categories of items 5a through 5j. Report the total amount the contractor(s) paid you for producing the commodity(ies) in item 6. EXCLUDE marketing contracts, futures contracts, forward contracts, or other contracts based strictly on price.

## **Section 14 - VALUE OF SALES**

Report the value of all crops and livestock sold from "THIS OPERATION" in 2002 on the appropriate line(s) of section 14. Report the value sold in 2002 regardless of the year crops were harvested or raised. Report the value of the sales from land rented from others. Also, report as sold commodities such as cattle, that you owned and moved to someone else's operation for further feeding. Report gross values before deducting expenses and taxes. Include payments received in 2002 from cooperatives or marketing organizations for crops produced on "THIS OPERATION" regardless of the year in which the crops were harvested. Also, include as sales your estimate of the value of any crop or livestock removed from "THIS OPERATION" in trade of services, such as hay cut in exchange for labor or other services. If the sale price or market value is not known, give your best estimate of the market value when removed. Report the total value you received for animals and poultry sold from "THIS OPERATION" in 2002, without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.).

### **Items that should NOT be included:**

- Proceeds from **CCC loans**.
- The value of sales of any livestock and poultry owned by you that were kept and sold from a location you did not operate.
- Commodities grown under a **production contract**.

**Item 18** - For direct sales, report the sales of crops, livestock, poultry, or agricultural products sold directly to consumers for their own consumption from roadside stands, farmers markets, pick your own, door to door, etc. Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on "THIS OPERATION."

EXCLUDE crops, livestock, poultry, or other products which you bought and resold within 30 days. EXCLUDE processed products such as hams, sausage, or jellies. EXCLUDE "craft items" such as bird houses, woodwork, etc.

**Item 19** - Certified organically produced commodities will have an organic certification issued by a Federal, State, or private certification agency.

## **Section 15 - CCC LOANS and FEDERAL FARM PROGRAM PAYMENTS**

**Item 1** - Report amount received for commodities placed under CCC loan during 2002. Include amount received even if commodity was redeemed or forfeited prior to December 31, 2002. EXCLUDE CCC loans to build crop storage facilities.

**Item 2** - Report the amount received for participation in CRP and WRP. EXCLUDE payment from CCC loans or crop insurance.

**Item 3** - Report all payments received from OTHER Federal farm programs in 2002. Include receipts from Federal farm programs, such as loan deficiency payments (LDP), support price payments, payment-in-kind (PIK) programs, indemnity programs, disaster payments, paid land diversion payments received for approved soil and water conservation projects, etc. EXCLUDE payments from state programs or federal loans which must be repaid.

## **Section 16 - INCOME FROM FARM-RELATED SOURCES**

Items 1 through 6 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "THIS OPERATION" and which you do not consider as entirely separate from your farming activities. Include insurance payments for crop or livestock losses in item 6. Report gross amounts received before taxes and expenses.

**Item 1 - Customwork** - DO NOT report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operation.

**Item 2 - Rental Income** - EXCLUDE rental income from nonfarm property.

**Item 3 - Forest Products** - Include only those forest products cut from "THIS OPERATION," not items cut from other nonfarm timber acreage. EXCLUDE income from a sawmill business. EXCLUDE the sale of Christmas trees or maple syrup or sap products. Sales of Christmas trees or maple syrup or sap products are to be reported in section 14.

**Item 6** - Report payments from state programs, animal boarding, breeding fees, tobacco settlements, state fuel tax refunds, insurance payments for crop or livestock losses, etc. Specify the type of farm related income in the box provided.

## **Section 17 - PRODUCTION EXPENSES**

### **Items that should be included:**

Include farm production expenses paid by you or your landlord(s) for crops, livestock, or poultry produced on "THIS OPERATION" in 2002 in items 1 through 14. Include expenses incurred in 2002 only if they were paid in 2002. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

### **Items that should NOT be included:**

Contract growers or custom feeders who had feed provided by cattle owners or contractors should NOT report a value here for items provided. Identify the items that were contractor provided in section 13, item 7.

**Item 2 - Chemicals Purchased** - Include surfactants and oils and other products used to increase a chemical's effectiveness.

**Item 4 - Livestock and Poultry Purchased** - Report the costs of breeding livestock in item 4a and other livestock and poultry in item 4b.

**Item 5 - Feed Purchased for Livestock and Poultry** - Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, concentrates, etc., fed to livestock and poultry on "THIS OPERATION." Contract livestock and poultry growers should not report the value of feed that was provided by a contractor. Custom feedyards should not include feed costs for custom fed cattle if the owners of the cattle were billed for the feed. Feed raised on "THIS OPERATION" should not be reported as purchased.

**Item 8 - Supplies, Repair Costs, and Maintenance Costs For the Farm Business** - Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. EXCLUDE repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. EXCLUDE expenditures for the construction of new buildings or the cost of additions to existing buildings.

**Item 9a - Hired Farm and Ranch Labor** - Include gross salaries and wages, commissions, dismissal pay, vacation pay, and bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Include cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, employer paid life and medical insurance expense, pension plans, etc.

**Item 9b - Contract Labor** - Includes the labor costs of workers furnished on a contract basis by labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similar farm activities. EXCLUDE costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 10.

**Item 11a - Cash Rent** - Report rent paid in cash during 2002 for land and buildings included in "THIS OPERATION." EXCLUDE rent paid for operator dwelling or other nonfarm property. EXCLUDE the value of shares of crops or livestock paid to landlords.

**Item 12 - Interest Paid on Debts** - Report all interest expenses paid in 2002 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate, such as for fertilizer, feed, and seed in item 12b and also include interest paid on CCC loans. EXCLUDE interest associated with activities not related to production of crops or livestock on "THIS OPERATION," such as land or buildings rented to others, packing sheds, or feed mills that provided services to others. EXCLUDE interest on owner/operator dwelling where amount is separated from the interest on the land and buildings on "THIS OPERATION."

**Item 13 - Property Taxes Paid in 2002** - Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

**EXCLUDE:**

- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

**Item 14 - All Other Production Expenses** - Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. EXCLUDE depreciation.

## Section 18 - FERTILIZERS and CHEMICALS APPLIED

Report acres on "THIS OPERATION" on which commercial fertilizer was applied during 2002. If any acreage was fertilized more than once, report acres ONLY ONCE. Report fertilizer and manure expenditures in section 17, item 1.

**CHEMICALS** - Report acres on which chemicals were applied during 2002 to control insects, diseases, nematodes, and weeds, as well as to control growth, thin fruit, or defoliate. Include acres on which custom application of chemicals was made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used. Report agricultural chemical expenditures in section 17, item 2. Estimate the acreage for spot treatments.

## Section 19 - MACHINERY and EQUIPMENT

**Item 1** - The estimated market value refers to ALL machinery and equipment kept primarily on "THIS OPERATION" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Include mobile implements and hand tools. Permanently installed equipment or equipment which is an integral part of a building should be included as a part of the value of land and buildings and reported in section 20.

## Section 20 - MARKET VALUE OF LAND and BUILDINGS

The value for each of the three listed categories (owned, rented from others, and rented to others) should be your estimate of the value of the land, houses, barns, and other buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land, house, and buildings could reasonably be assumed to be sold at that price. DO NOT deduct real estate marketing charges from your estimate. Report the total value, not the value on a per-acre basis.

## Section 21 - FARM LABOR

Report the number of paid farm or ranch workers doing agricultural labor. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work is primarily associated with agricultural production on "THIS OPERATION." Include in item 1a, any short term or temporary workers who may have worked only a few days. EXCLUDE contract labor or custom workers in item 1 or item 2.

## Section 22 - TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for "THIS OPERATION":

**Family or Individual Operation** - Farm or business organization controlled and operated by a family or an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement. Report family corporations under "Incorporated Under State Law."

**Partnership Operation** - Two or more persons who conduct an operation together and share work and profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES

NOT constitute a partnership unless a specific agreement to share contributions, decision making, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

**Incorporated Under State Law** - A corporation is a legal entity or artificial person created under the laws of a State to carry on a business, including family corporations. EXCLUDE cooperatives, even if they are incorporated.

**Other** - Estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, American Indian Reservation, university farm, institution run by a government or religious entity, cooperatives (an incorporated or unincorporated enterprise or an association created and formed jointly by the members), etc.

## Section 23 - AGRICULTURAL ACTIVITY ON AMERICAN INDIAN RESERVATIONS (not applicable to all report forms)

Complete this section if any of your cropland or livestock was on an American Indian reservation in 2002. Consider all cropland on deeded acres you owned and operated or leased from others as well as any trust acres you used. Do not include tribal-controlled farms, ranches, or herds.

**Item 3 - Trust and Deeded Acres** - Enter the number of acres your operation used on the reservation. Include deeded acres you owned or leased from others as well as trust acres to which you had exclusive use. DO NOT include trust acres used on a per-head or animal unit month (AUM) basis.

**Item 4a - Livestock** - If you had livestock on the reservation, check the approximate percentage of "THIS OPERATION's" livestock that were on the reservation on December 31, 2002. Consider all species (cattle, sheep, horses, buffalo, hogs, etc.) and include livestock on land used on a per-head or animal unit month (AUM) basis.

## Section 24 - OPERATOR CHARACTERISTICS

This section collects information about the operators of "THIS OPERATION." A farm may be a family operation and still have multiple operators. Complete one column for each operator, listing the principal operator or senior partner in the first column.

**Corporations and Other Operations (Cooperatives, Estates, etc.)** - Complete the principal operator column for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business. Complete up to two additional columns as needed.

**Item 1** - Enter the number of people who make day-to-day decisions for "THIS OPERATION."

**Item 2** - Enter the number of women who make day-to-day decisions for "THIS OPERATION."

**Items 3 through 13** - Answer each question for up to three operators. If there are more than three, answer for three operators only.

**Item 5** - The principal occupation of the operator(s) is the occupation at which an operator spent the majority of his/her worktime. If the operator spent the majority working for ANOTHER agricultural operation for wages, it is considered hours devoted to "other," item 5b.

**Item 8** - Report the first year the specified operator began to operate any part of "THIS OPERATION" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

**Item 17** - The number of households that share in the net farm income are those households involved with the day-to-day decisions and not those households that received funds because they are only the landlords, custom equipment operators, or provide other supplies that are listed in section 17, Production Expenses. Your answer should not exceed the number of operators listed in item 1.

## Section 25 - CONCLUSION

**Item 1** - Report "Yes" if "THIS OPERATION" intends to produce, raise, or grow agricultural products for sale or receive Federal farm program payments at ANY time in the future. If you are unsure, check "YES."

**Possible Duplication:**

**Item 2** - If it is possible the information you reported on your form would also be reported under a different name, a different address, or by another farm or ranch, complete this question.

**Additional Farm or Ranch:**

**Item 3** - Report the name, state, and phone number of those operations for which you make day-to-day decisions and DID NOT receive a report form.



UNITED STATES 2002 CENSUS OF AGRICULTURE  
AMERICAN INDIAN RESERVATIONS  
R1 FORM

Form Number 02-A05-1  
O.M.B. Number 0535-0226  
Approval Expires 10/31/2004  
Montana, North Dakota, and  
South Dakota Only

National Agricultural Statistics Service  
U.S. Department of Agriculture  
Rm 5805, South Building  
1400 Independence Avenue, S.W.  
Washington, D.C. 20250-2000  
202-720-7017

*Please make corrections to name, address and Zip Code, if necessary.*

**NUMBER OF AMERICAN INDIAN FARM or RANCH OPERATORS**

1. Within the Reservation named above, how many American Indians operate the tribal or communal farm or ranch associated with this Reservation?

*Note: Farms or ranches are defined as any location from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, or \$1,000 or more of government payments were received, during 2002.*

*Include operators who live on or off the Reservation but whose tribal farm or ranch lies entirely or partially on the Reservation. If there is not a tribal farm, use a zero, not a dash in Item 1. Please include notes on this form to explain any atypical situations.*

*Exclude as operators persons who work only as employees or who conduct no farm or ranch activity but receive a payment as a share of Reservation farming or ranching.*

**NUMBER**

--

*Transfer this number to Office  
Use cell 012 on the face page of the Census Report Form*

2. Does your answer to Item 1 above include all tribes or nations on this Reservation?

- YES - Go to item 3.       NO - Please list the tribes or nations included in Item 1 above.

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3. Were multiple 2002 Census of Agriculture Report Forms completed for this Reservation?

- YES - List the 12-digit ID numbers for all report forms associated with this Reservation.  
(The ID number is preprinted in the address area of the Census Report Form.)

- NO - Go to item 4.

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4. Please print below the information for the person completing this report.

---

NAME

---

TITLE

---

(        ) TELEPHONE

---

DATE

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB number. The valid OMB number for this information collection is 0535-0226. The time required to complete this report form is estimated to average 10 minutes.

## **SPECIAL INSTRUCTIONS FOR AMERICAN INDIAN RESERVATIONS** **2002 Census of Agriculture**

Agricultural activity on American Indian reservations must be counted in the 2002 Census of Agriculture. Each reservation with one or more agricultural operations meeting the definition of a farm (see below) must complete both a regular 2002 Census of Agriculture Report Form as well as the single-page R1 Form titled *American Indian Reservations*. Please complete both forms.

These special instructions apply to **BOTH** enclosed forms. They supplement the enclosed Instruction Sheet. Before returning your forms, please be sure you complete all sections that apply to the operations on this Reservation. Please give your best estimate if the requested information is not available from your records.

For both forms, include information from the tribal or communal farm or ranch (listed on the label) on the Reservation **operated by American Indians**. Farms and ranches are defined as *any operation from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during 2002*.

**INCLUDE:**

- Operations where the operator lives on the Reservation and operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Operations where the operator lives off of the Reservation but operates land on the Reservation – consider only agricultural activity actually on the Reservation.
- Farms and ranches operated by the tribe or the Reservation on the Reservation.
- All agricultural products produced on the Reservation by American Indians.

**EXCLUDE:**

- Agricultural production by persons who work only as employees of a farm or ranch.
- Agricultural activity by non-American Indians.

### **Instructions for American Indians Reservation Operators - R1 Form**

**Item 1:** Enter the number of American Indian operators who make the day-to-day decisions for the Reservation's tribal or communal farm or ranch either partially or entirely on the American Indian reservation.. Transfer this figure to Office Use 012 on the front page of the Census Report Form.

### **Instructions for Census of Agriculture Report Form**

**SECTION 1:**

- Report all Reservation land considered a tribal or communal operation. **Include** Federal and state land leased as land rented from others. **Exclude** any national grasslands administered by the Forest Service used on a permit basis.

**Item 1:** Report all land on the tribal or communal farm on the Reservation. **Include** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 2:** Report all land rented or leased from others including land used rent free. **Include** as rented any Section 15 land administered by the Bureau of Land Management.

**Item 3:** Report all land rented or leased to non-American Indians. **Include** land worked by non-American Indians on a share basis or rent free. Report land rented or leased for nonagricultural uses. **Exclude** tribal land used for grazing on a per-head or animal unit month (AUM) basis.

**Item 6:** Report the county or counties in which the land reported in item 4 is located. Estimate the acreage for each county if exact figures are not known.

**SECTIONS 2 - 12:**

- Report all crops that were harvested from or livestock raised on the tribal or communal land during 2002. **Exclude** crops harvested or livestock raised by non-American Indians.

**SECTIONS 13 - 17:**

- Consider all agricultural related income and contracts on, and expenses from, the tribal or communal land in 2002. **Exclude** amounts received or expenses incurred by non-American Indians and amounts received as share payment from land leased to others.

**SECTION 18 - 20:**

- Consider all fertilizers and chemicals, machinery and equipment, and land and buildings for the tribal or communal farm or ranch operation.

**SECTION 21:**

- Consider all farm or ranch workers who performed agricultural work on the tribal or communal operation. **Include** both American Indian and non-American Indian workers.

**SECTION 22:**

- The type of operation should be "other".

**SECTION 23:**

- Consider the tribal or communal farm or ranch operations controlled by individual American Indians or by the tribe or Reservation. **Include** livestock on land used on a per-head or animal unit month (AUM) basis. **Exclude** agricultural activity operated by non-American Indians and agricultural activity on land off of the reservation.

**Item 3:** **Exclude** acres used on a per-head or animal unit month (AUM) basis.

**SECTION 24:**

- If the tribe or Reservation operates a farm or ranch and has a manager, complete all items for the manager. Item 11 should be coded as 'American Indian or Alaska Native'.
- If the tribe or Reservation does not operate a farm or ranch (or it does but has no manager) leave the section blank, except for Item 11, which should be coded as 'American Indian or Alaska Native'.

**Your help in completing the 2002 Census of Agriculture is appreciated. Thank you for your cooperation.**

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Cow herd size . . . . .	15	-	
Cowpeas, dry . . . . .	-	25	
Cowpeas, green . . . . .	35	29	
Crambe . . . . .	-	27	
Cranberries . . . . .	37	33	
Crimson clover seed . . . . .	-	26	
Cropland harvested . . . . .	1,8,9,11,41,50,55-61	1,8,9,23,40	BB
Cropland idle . . . . .	8,55-61	8	
Cropland summer fallowed	8,55-61	8	
Cropland used only for pasture . . . . .	8,55-61	8	
Cropland failed or abandoned . . . . .	8,55-61	8	
Crops, All, sales value . . .	1,2,11,50	1,2	BB
Conservation Reserve programs, payments . . . . .	6	5	
Crustaceans . . . . .	-	21	
Cucumbers . . . . .	35	29	
Currants . . . . .	37	33	
Customwork and custom hauling expense . . . . .	4,11,55-61	3	
Customwork and other agricultural services income . . . . .	7,55-61	6	
Cut Christmas trees . . . . .	39	35	
Cut Christmas trees and woody crops, sales value	2,41,55-61	2	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
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<b>C-Con</b>				
Cut flowers .....	38		34	
<b>D</b>				
Daikon .....	35		29	
Dates .....	36		31	
Deer .....	32		22	
Depreciation expense .....	4,55-61		3	
Direct sales .....	2,55-61		2	
Dill for oil .....	-		27	
Ducks, geese and other poultry .....	27		13,14	
<b>E</b>				
Economic class of farms ..	3,55-61		-	BB
Eggplant .....	35		29	
Elk .....	32		22	
Emmer and spelt .....	-		24	
Emus .....	27		14	
Escarole and endive .....	35		29	
Ewes 1 year old or older ..	29,31,55-61		16	
Expenses paid by Landlords	4,55-61		-	
Expenses, farm production	1,4,11,41,55-61		1,3	BB
<b>F</b>				
Farm labor .....	55-61		7	
Fertilizer or chemicals purchased expense .....	1,4,11,41,46,55-61		3	BB
Fertilizer or chemicals usage .....	46,55-61		10	
Feed purchased expense ..	1,4,11,41,55-61		3	BB
Fescue seed .....	34		26	
Field seed crops .....	34,55-61		26	
Figs .....	36		31	
Filberts and Hazelnuts .....	36		31	
Flaxseed .....	34,55-61		24	
Floriculture crops .....	38		34	
Flower seeds .....	38		34	
Foliage plants .....	38		34	
Forage harvesters, self-propelled .....	45,55-61		38	
Forage, All .....	1,34,55-61		1,23,26	BB

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>F-Con</b>			
Forest products, sales value	7,55-61	6	
Fruit and tree nuts . . . . .	1,34,55-61	1,20,23	
Fruit, tree nuts and berries, sales value . . . . .	2,41,55-61	2	
Fuels and oils purchased expense . . . . .	1,4,11,41,55-61	3	
<b>G</b>			
Garlic . . . . .	35	29	
Geese . . . . .	-	14	
Ginger root . . . . .	-	27	
Ginseng . . . . .	-	27	
Goats, All . . . . .	32,55-61	22	
Goats, Angora . . . . .	32	18	
Goats, meat and other . . .	32	22	
Goats, milk . . . . .	32	17	
Government payments, all	3,6,11,41,55-61	1,5	
Grain storage capacity . . .	40	36	
Grains, oilseeds, dry beans, and dry peas, sales value	2,41,55-61	2	
Grapefruit . . . . .	36	31	
Grapes . . . . .	36,55-61	31	
Greenhouse Vegetables . . .	38	34	
Guar . . . . .	-	27	
Guavas . . . . .	36	31	
<b>H</b>			
Hay balers . . . . .	45,55-61	38	
Haylage, all . . . . .	34	26	
Hay, alfalfa . . . . .	34,55-61	26	
Hay, All . . . . .	34	26	
Hay, other tame . . . . .	34,55-61	26	
Hay, small grain . . . . .	34	26	
Hay, wild . . . . .	34	26	
Hens and pullets sold . . . .	27,55-61	13	
Herbs, dry . . . . .	-	27	
Herbs, fresh . . . . .	35	29	
Hired farm labor expense . .	1,4,11,41,55-61	3,7	BB
Hogs and Pigs herd Size, inventory and sales . . . . .	21	-	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>H-Con</b>			
Hogs and Pigs inventory and sales by number sold ..	22 1,11,19,21,41,55-61	- 1,12	BB
Hogs and pigs, inventory ..			
Hogs and pigs, type of operation and producer ..	23-26	-	
Hogs and pigs, number sold	1,20,22,55-61	1,12	
Hogs and pigs, sales value	2,20,22,41,55-61	2,12	
Honey produced .....	32	19	
Honeydew melons .....	35	29	
Hops .....	34	27	
Horses and ponies .....	32,55-61	15	BB
Horses, ponies, mules, burros and donkeys, sales value .....	2,41,55-61	2	
Households sharing in farm income .....	55-61	-	
<b>I</b>			
Interest expenses .....	1,4,11,41,55-61	3	
Interest paid, debts not secured by real estate .....	4,55-61	3	
Interest paid, debts secured by real estate .....	4,55-61	3	
Internet access .....	55-61	-	
Irrigated land .....	1,9,10,11,55-61	1,10	
<b>J</b>			
Jojoba .....	-	27	
<b>K</b>			
K-Early citrus .....	36	31	
Kale .....	35	29	
Kentucky bluegrass seed ..	-	26	
Kiwifruit .....	36	31	
Kumquats .....	36	31	
<b>L</b>			
Ladino clover seed .....	-	26	
Land and buildings, value	1,11,41,43,50,55-61	1,8	BB
Land in farms, acres .....	1,8,9,11,41,50,55-61	1,8,40,51	BB,CA,CB,CC
Land owned .....	55-61	-	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>L-Con</b>			
Land rented or leased from others .....	55-61	-	
Land rented or leased to others .....	55-61	-	
Land covered by crop insurance policies .....	8,55-61	8	
Land used for vegetables ..	34,55-61	28	
Land used to raise certified organically produced crops .....	8,55-61	8	
Landlord's share of sales ..	2,41,55-61	-	
Layers 20 weeks old and older .....	1,27,55-61	1,13	BB
Lemons .....	36	31	
Lentils .....	34	25	
Lespedeza seed .....	-	26	
Lettuce, all .....	35	29	
Lima beans, green .....	35	29	
Limes .....	36	31	
Livestock and poultry purchased expense .....	1,4,11,41,55-61	3	BB
Livestock and poultry, sales value .....	1,2,11,50	1,2	BB
Llamas .....	32	22	
Loganberries .....	37	33	
Lotus Root .....	-	27	
<b>M</b>			
Macadamia nuts .....	36	31	
Machinery and equipment, value .....	1,11,41,44,50,55-61	1,38	BB
Machinery and equipment rent and lease expense ...	4,11,55-61	3	
Mangoes .....	36	31	
Manure applied to cropland and pastureland .....	46,55-61	39	
Maple syrup .....	39	35	
Market value of agricultural products sold .....	1,2,3,11,41,50,55-61	1,2	BB,CA,CB,CC
Migrant workers .....	55-61	7	
Milk and dairy products, sales value .....	2,41,55-61	2,11	
Milk cows .....	1,11,12,17,41,55-61	1,11	BB

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>M-Con</b>			
Millet, foxtail .....	-	26	
Millet, proso .....	34	24	
Mink and their pelts .....	32	20	
Mint for oil .....	34	27	
Mohair clipped .....	32	18	
Mollusks .....	-	21	
More than one race			
operators .....	47,52-61	46	
Mules, burros, and donkeys	32	22	
Mungbeans .....	-	27	
Mushrooms .....	38	34	
Mustard greens .....	35	29	
Mustard seed .....	-	24	
<b>N</b>			
Native Hawaiian or other			
Pacific Islander operators ..	47,52-61	44	
Nectarines .....	36	31	
Net cash farm income of			
the operation .....	5,55-61	1,4	CB
Net cash farm income of			
the operator(s) .....	5,55-61	4	
North American Industry			
Classification System			
(NAICS) .....	47,50,52-61	55	
Number of farms .....	1,8,9,10,11,41,50,55-61	1,8,40,51	
Number of operators .....	55-61	40	
Nursery crops .....	38	34	
Nursery, greenhouse,			
floriculture, and sod, sales			
value .....	2,41,55-61	2	
<b>O</b>			
Oats for grain .....	1,34,55-61	1,23,24	BB
Off-farm work .....	1,52,55-61	-	BB
Okra .....	35	29	
Olives .....	36	31	
Onions .....	35	29	
Operations with net gains ..	5,55-61	1,4	
Operations with net losses			
Operators on farm .....	5,55-61	1,4	
Oranges .....	55-61	40	
	36	31	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>O-Con</b>			
Orchardgrass seed .....	-	26	
Organization of farm .....	1,48,49,55-61	40	BB,CA,CB
Ornamental fish .....	-	21	
Ostriches .....	27	14	
Other animal and other animal products, sales value .....	2,41,55-61	2	
Other Aquaculture .....	-	21	
Other crops and hay, sales value .....	2,41,55-61	2	
Other farm-related income			
Other Federal farm programs income .....	7,11,55-61	1,6	
Other fish .....	6	5	
Other food fish .....	-	21	
Other land .....	8,55-61	8	
Other farm production expenses .....	4,11,55-61	3	
Other poultry .....	-	14	
<b>P</b>			
Papayas .....	36	31	
Parsley .....	35	29	
Passion fruit .....	36	31	
Pasture, excluding woodland pasture .....	11,41	-	
Pastureland .....	-	8	
Patronage dividends and refunds from cooperatives .....	7,55-61	6	
Peaches .....	36,55-61	31	
Peanuts .....	1,34,55-64	1,23,25	
Pears .....	36	31	
Peas, Chinese .....	35	29	
Peas, dry edible .....	34	25	
Peas, green .....	35,55-61	29	
Pecans .....	36,55-61	31	
Peppermint for oil .....	-	27	
Peppers, All .....	35	29	
Permanent pasture and rangeland .....	8,55-61	8	
Persimmons .....	36	31	
Pheasants .....	-	14	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>P-Con</b>			
Pigeons or squab .....	-	14	
Pineapples .....	1,34,55-61	1,23,27	
Pistachios .....	36	31	
Plums .....	36	31	
Pomegranates .....	36	31	
Popcorn .....	34	24	
Potatoes .....	1,34,55-61	1,23,25	
Potted flowering plants .....	38	34	
Poultry hatched .....	-	14	
Poultry and poultry products, sales value .....	2,41,55-61	2	
Principal occupation .....	1,55-61	1,40	BB,CA,CB
Production contracts .....	42	37	
Property taxes paid .....	4,11,55-61	3	
Prunes .....	36	31	
Pullets for laying flock replacement .....	27,55-61	13	
Pumpkins .....	35	29	
<b>Q</b>			
Quail .....	-	14	
<b>R</b>			
Rabbits and their pelts .....	32	22	
Race of operator .....	47,52-61	41-46	CA,CB
Radishes .....	35	29	
Rapeseed .....	-	24	
Raspberries .....	37	33	
Recreational services income .....	7,55-61	6	
Red clover seed .....	-	26	
Redtop Seed .....	-	26	
Rent or shares payments income .....	7,55-61	6	
Rhubarb .....	35	29	
Rice .....	1,34,55-61	1,23,24	
Rye for grain .....	34	24	
Ryegrass seed .....	34	26	
<b>S</b>			
Safflower .....	34	24	
Salt hay .....	-	37	
Seeds, plants, vines, etc. purchased expense .....	4,11,55-61	3	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>S-Con</b>			
Sesame .....	-	27	
Sex of operator .....	47,52-61	40,47,49	BB,CA,CB
Sheep and lambs, inventory	11,29,30,55-61	1,16	BB
Sheep, goats and their products, sales value .....	2,41,55-61	2	
Short rotation woody crops	39	35	
Snap beans .....	35,55-61	29	
Sod .....	38	34	
Sorghum for grain .....	1,34,55-61	1,23,24	
Sorghum for silage .....	1,34	1,26	
Sorghum for syrup .....	-	27	
Soybeans for beans .....	1,34,55-61	1,23,25	BB
Spanish, Hispanic, or Latino origin operators .....	49,53-61	50	CA,CB
Spearmint for oil .....	-	27	
Spinach .....	35	29	
Sport or game fish .....	-	21	
Squash .....	35	29	
Strawberries .....	37	33	
Sudangrass seed .....	-	26	
Sugarbeets for seed .....	-	25	
Sugarbeets for sugar .....	1,34,55-61	1	
Sugarcane for seed .....	-	25	
Sugarcane for sugar .....	1,34,55-61	1,23,25	
Sugarcane not harvested .....	-	25	
Sunflower seed .....	1,34,55-61	1,23,24	BB
Supplies, repairs, and maintenance expense .....	4,11,55-61	3	
Sweet corn .....	35,55-61	29	
Sweet corn for seed .....	-	27	
Sweet potatoes .....	1,34,55-61	1,25	
Sweet rice .....	-	27	
Sweetclover seed .....	-	26	
<b>T</b>			
Tangelos .....	36	31	
Tangerines .....	36	31	
Taro .....	-	27	
Temples .....	36	31	
Tenure of operation .....	47,52-61	40,49	BB,CA,CB
Timothy seed .....	-	26	
Tobacco .....	1,34,55-61	1,23,25	
Tobacco, sales value .....	2,41,55-61	2	

Item	Chapter 1 tables	Chapter 2 tables	Appendix tables
<b>T-Con</b>			
Tomatoes .....	35,55-61	29	
Tractors .....	45,55-61	38	
Triticale .....	-	24	
Trout .....	-	21	
Turkeys inventory .....	27,55-61	13	
Turnip greens .....	35	29	
Turnips .....	35	29	
<b>U</b>			
Utilities expense .....	1,4,11,41,55-61	3	
<b>V</b>			
Value of land and buildings .....	1,11,41,43,50,55-61	1,8	BB
Value of machinery and equipment .....	1,11,41,44,50,55-61	1,38	BB
Vegetable seeds .....	38	34	
Vegetables harvested .....	1,35	1,23,28,29	
Vegetables, melons, potatoes and sweet potatoes sales value .....	2,41,55-61	2	
Vetch seed .....	-	26	
<b>W</b>			
Walnuts, English .....	36,55-61	31	
Watercress .....	35	29	
Watermelons .....	35	29	
Wheatgrass seed .....	-	26	
Wheat, All .....	1,34,55-61	1,23,24	BB
Wheat, Durum .....	1,34	1,24	BB
Wheat, Other spring .....	1,34	1,24	BB
Wheat, Winter .....	1,34	1,24	BB
White operators .....	47,52-61	41	
White clover seed .....	-	26	
Wild rice .....	-	24	
Women operators .....	48,53,55-61	40,47,49	
Woodland, All .....	8,55-61	8	
Wool production .....	29,30,31	16	
Work off farm (see off-farm work)			
<b>Y</b>			
Years on present farm .....	55-61	40	BB

# Publication Program

## 2002 CENSUS OF AGRICULTURE

Results of the 2002 Census of Agriculture are published in a series of reports that provide data at the national, State, and county (or equivalent) levels for the United States. Data also are available for Puerto Rico, American Samoa, Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands of the United States.

### VOLUME 1. GEOGRAPHIC AREA SERIES (AC-02-A-1 to 51)

**National, State, and county data** are published in detailed national and State tables for the United States, and in State and county tables for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and principal occupation of operator and up to 3 operators; type of organization; value of products sold; government payments plus market value of agricultural products sold; production expenses; direct marketing; landlord expenses; computer use; production contracts; fertilizers and chemicals; machinery and equipment; farm labor and migrant workers; value of land and buildings; agricultural activity on American Indian reservations; grain storage capacity; land use; irrigation; and the North American Industry Classification System.

#### U.S. Summary and State Report (AC-02-A-51)

- Chapter 1. National-level data
- Chapter 2. State-level data

#### State and County Reports (AC-02-A-1 to 50)

- Chapter 1. State-level data
- Chapter 2. County-level data

**Outlying Areas Data (AC-02-A-52 to 56)** - Data are published for the municipios of Puerto Rico, the election districts on Guam, the municipalities of the Commonwealth of the Northern Mariana Islands, the districts and counties of American Samoa, and the islands of U.S. Virgin Islands.

**Specialty Products** - Data from the census are extracted and presented in several different product formats. They are the State and County Highlights, County Profiles, American Indian and Alaska Native, and Top Commodities.

### VOLUME 2. SUBJECT SERIES (AC-02-S-1 to 5)

**Agricultural Atlas of the United States (AC-02-S-1)** graphically illustrates a profile of the Nation's agriculture at the county-level in a series of multicolor pattern and dot maps.

**Congressional District Ranking (AC-02-S-2)** provides selected statistics from the 2002 Census of Agriculture ranked by

congressional districts. The statistics include: operator characteristics, farm characteristics, selected livestock, and selected crops harvested.

**ZIP Code Tabulations of Selected Items (AC-02-S-3)** provides tabulations by ZIP Code for the total market value of products sold; number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops from the 2002 census.

**Congressional District Tabulations (AC-02-S-4)** provides data by congressional district. The tables show the total market value of products sold and the number of farms by size; land in farms; inventory of cattle, calves, hogs, and pigs; cropland harvested; and selected crops.

**History (AC-02-S-5)** provides a detailed description of the planning and conduct of the 2002 Census of Agriculture. It explains the history of the agriculture census, farm definition, data collection and processing, data dissemination, and research.

### VOLUME 3. SPECIAL STUDIES (AC-02-SP-1 to 2)

#### 2003 Farm and Ranch Irrigation Survey

**(AC-02-SP-1)** provides data collected from a sample of irrigated farm operations in the 2002 Census of Agriculture at the national and state levels.

**2005 Census of Aquaculture (AC-02-SP-3)** provides statistics about the Nation's aquaculture production and structure of the aquaculture industry at the national, regional, and State levels.

## PRINTED REPORTS

All of the reports listed above are available as printed reports, except Specialty Products for State and County Highlights, County Profiles, and Top Commodities and Volume 2, ZIP Code Tabulations of Selected Items (Part 3) and Congressional District Tabulations (Part 4).

## ELECTRONIC PRODUCTS

**Internet** - Data from Volume 1, Volume 2, and Volume 3 are available online at the NASS Web site at [www.usda.gov/nass/](http://www.usda.gov/nass/). Quick STATS (an online statistics database on the NASS Web site) are available for Volume 1, at the National, State and county-level and for municipios in Puerto Rico.

**CD-ROM** - Manipulable data files from Volume 1, Parts 1-52 are available.

For additional information, write the Customer Services Office, National Agricultural Statistics Service, USDA, Room 5835, South Building, 1400 Independence Avenue, SW, Washington, DC 20250-2000 or call 800-727-9540.