

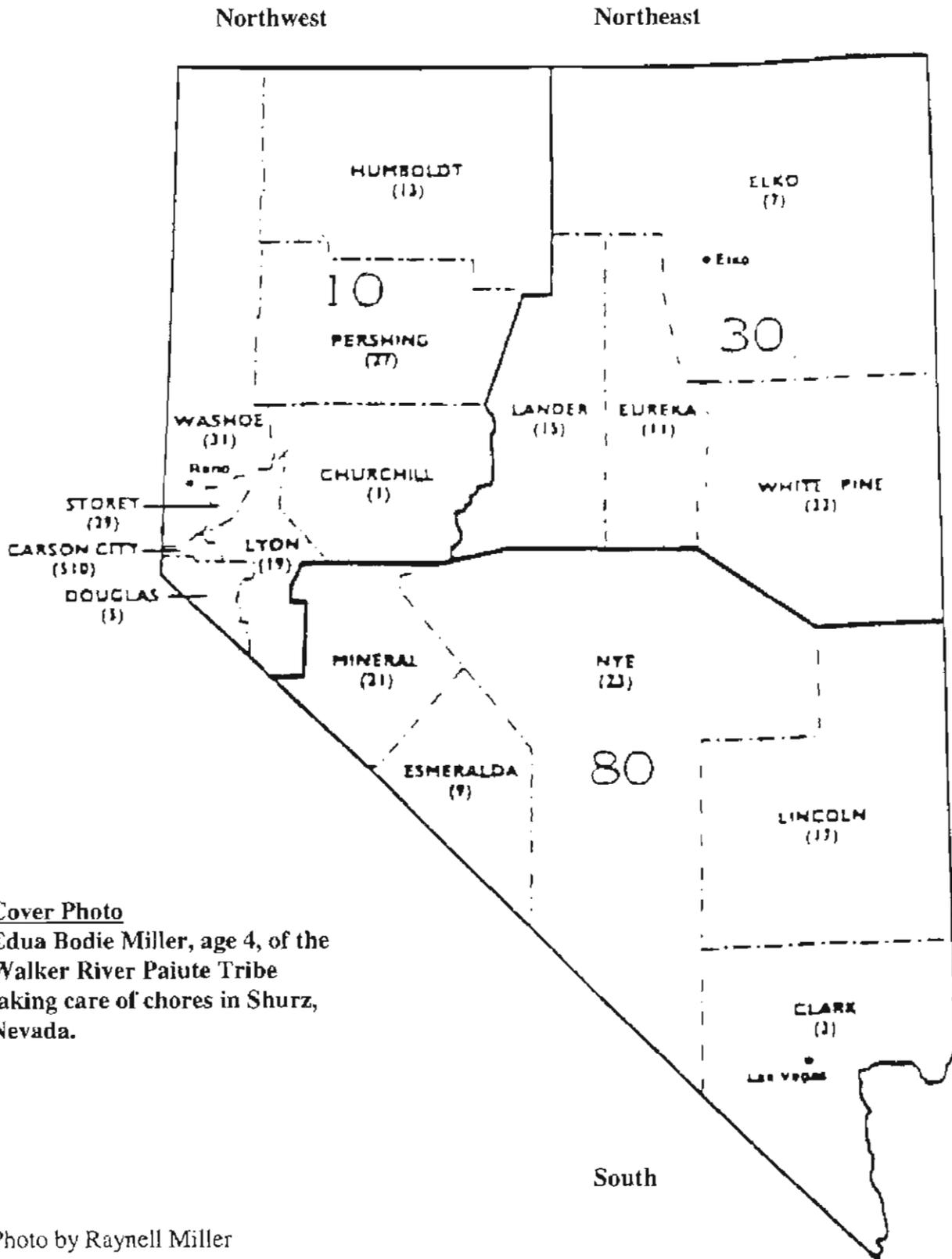
NEVADA

Agricultural Statistics



2002-2003

Nevada Crop Reporting Districts and Counties



Cover Photo

Edua Bodie Miller, age 4, of the Walker River Paiute Tribe taking care of chores in Shurz, Nevada.

Photo by Raynell Miller

Nevada Agricultural Statistics 2003

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September 2003



OFFICE OF THE GOVERNOR

KENNY C. GUINN
Governor

July 8, 2003

Dear Fellow Nevadans:

Agriculture is one of Nevada's most important industries, providing food and fiber for our state, our nation, and for international export. Moreover, agriculture is a critical part of Nevada's rural economies, allowing for numerous economic and social benefits to our rural, as well as urban communities.

While Nevada has suffered from drought and unprecedented rangeland fire damage, agriculture continues to adapt to adverse conditions while remaining viable. The tough and independent pioneer spirit demonstrated by those in the agriculture industry and state and local government is invaluable, and truly reflects our western heritage.

Development and distribution of the statistical material enclosed is made possible by a spirit of cooperation and collaboration between state agencies, educational institutions and industry participants. It is this kind of interaction between government, industry and education that will help Nevada to emerge healthier and stronger in the face of tough economic times, and I commend all who participated in this important endeavor.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenny C. Guinn".

KENNY C. GUINN
Governor

VTO/fm



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To Friends of Agriculture:

Agriculture is one of the primary and most necessary industries of the world. Everyone depends upon a stable, productive agricultural industry to provide the basic needs of food and fiber. The United States has been extremely fortunate to have an abundance of productive land and clean water, coupled with a citizenship that is innovative and industrious. Agricultural production by the United States has far surpassed any other nation, not only providing for the needs of our citizens, but many other nations as well. However, it seems that over the last half century many people have forgotten, or at least take for granted the vital role agriculture plays in our society. Meanwhile, environmental concern has steadily increased in this nation, to the point that it has blossomed into an industry of its own. Both production and environmental stewardship are imperative to the long term stability and sustainability of our nation, our economy and advanced standard of living to which we have become accustomed. Neither is mutually exclusive of the other.

I am very proud to say that I believe the agricultural producers of Nevada are leaders in recognition of the roles that production and environmental stewardship plays in continuing our high standard of living. Nevada's farmers have struggled to maintain or increase productivity while decreasing the use of herbicides and pesticides. Looking for new and innovative cultural and irrigation practices to restore soil productivity and conserve our most precious and scarce resource – water. Livestock producers embrace the concept of multiple use on public lands, often voluntarily reducing their use of rangelands to improve and maintain rangeland health. Countless hours and dollars have been contributed by Nevada's livestock producers towards stewardship projects such as the Governors Sage Grouse Conservation Program, Elk Management plans, Eastern Nevada Landscape Coalition and the Great Basin Restoration Initiative.

The information contained in this statistical compilation both past and present, should be useful to citizens, industry and governmental policy makers in determining the scope of agriculture in Nevada today and its trend over time in the face of large climatic swings and tremendous shifts in socio-economic perceptions. Recognizing the adaptability and diligence of Nevada's Agricultural producers.

The Nevada Department of Agriculture is pleased to contribute to this issue of Nevada Agricultural Statistics and thanks the agricultural community for their continued support and contribution to this valuable effort.

Sincerely,


Don Henderson
Acting Director



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Nevada Department of Agriculture

USDA-NASS

University of Nevada, Reno

To Our Readers:

It is my pleasure once again to present our annual bulletin, Nevada Agricultural Statistics. It is a comprehensive compilation of statistics prepared by our office on Nevada, its agriculture, and its rural communities. This bulletin is a product of Nevada Agricultural Statistics Service in cooperation with Nevada Department of Agriculture and University of Nevada Reno College of Agriculture, Biotechnology, and Natural Resources. The mission of Nevada Agricultural Statistics Service is to provide meaningful, accurate, and objective statistical information and services and this publication is a significant step toward fulfillment of this mission. Included in this publication are data on state level agricultural production, disposition, and value for the ten year period 1993-2002 and county estimates for 2001 and 2002. The information portrays the size, diversity, and direction of specific commodities and agriculture in general in our State. More detailed information on less common items and demographic information on producers will be released with the results of the 2002 Census of Agriculture early next year.

Compilation of this information is made possible through the cooperation and support of Nevada's farmers, ranchers, and agricultural business operators. Their excellent cooperation has made Nevada a leader among the States in agricultural statistics; our costs per completed survey questionnaire are among the lowest in the Nation and our response rates are near the highest. Thank you, Nevada agriculturists for your support.

This publication, additional reports released by our office, and links to other sites related to Nevada agriculture are available on the web at www.nass.usda.gov/nv/. I welcome any questions regarding these statistics and await the opportunity to assist you with any additional data needs.

Sincerely,

A handwritten signature in black ink, appearing to read "Martin J. Owens".

Martin J. Owens
State Statistician

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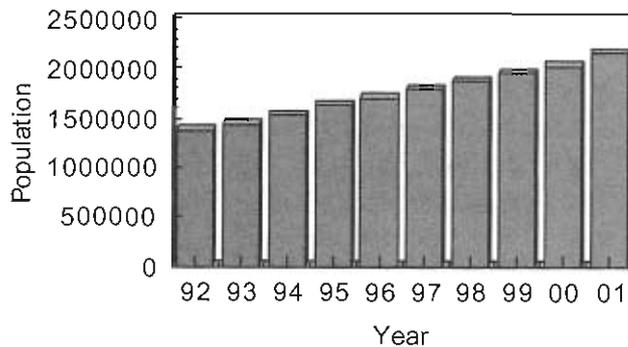
NEVADA FACTS AND FIGURES

Population of Nevada's Counties and Incorporated Cities, July 1, 1990-2002 ¹

County	1990	1999	2000	2001	2002
Carson City	40,950	52,624	53,208	54,171	54,844
Churchill	18,100	24,132	24,157	24,928	25,116
Clark	770,280	1,327,145	1,394,440	1,485,855	1,549,657
Douglas	28,070	40,847	41,674	43,450	44,212
Elko	33,770	45,727	45,633	46,668	46,577
Esmeralda	1,350	1,036	1,061	1,038	1,125
Eureka	1,550	1,726	1,651	1,506	1,384
Humboldt	13,020	17,103	16,197	16,164	16,308
Lander	6,340	6,199	5,794	5,761	5,547
Lincoln	3,810	4,134	4,165	3,861	3,879
Lyon	20,590	33,916	35,685	37,329	38,777
Mineral	6,470	5,338	5,071	4,743	4,695
Nye	18,190	31,454	32,978	34,384	35,039
Pershing	4,550	7,035	7,057	6,873	6,937
Storey	2,560	3,582	3,491	3,714	3,639
Washoe	257,120	334,601	341,935	353,271	359,423
White Pine	9,410	9,767	9,181	8,783	8,863
Total	1,790,207	1,946,336	2,023,378	2,132,498	2,206,022

¹ Source: Nevada Department of Taxation and Nevada State Demographer, University of Nevada, Reno.

Population of Nevada



Nevada has been the fastest growing state in the Nation for the past several years. Projections by the Nevada State Demographer's Office indicate the State population will likely double in the next 20 years. Over two-thirds of Nevada's population is concentrated in largely urbanized Clark County, where the population of Las Vegas and commuting areas has skyrocketed. Population growth in rural Nevada has been much less dramatic, and in some areas has shown decline.

CENSUS OF AGRICULTURE

Pages 7-11 of this publication contain demographic information on Nevada farmers and ranchers taken from the most recent Census of Agriculture. The 1997 Census was the first to be conducted by this office and the United States Department of Agriculture; earlier Censuses were conducted by the Census Bureau of the Department of Commerce.

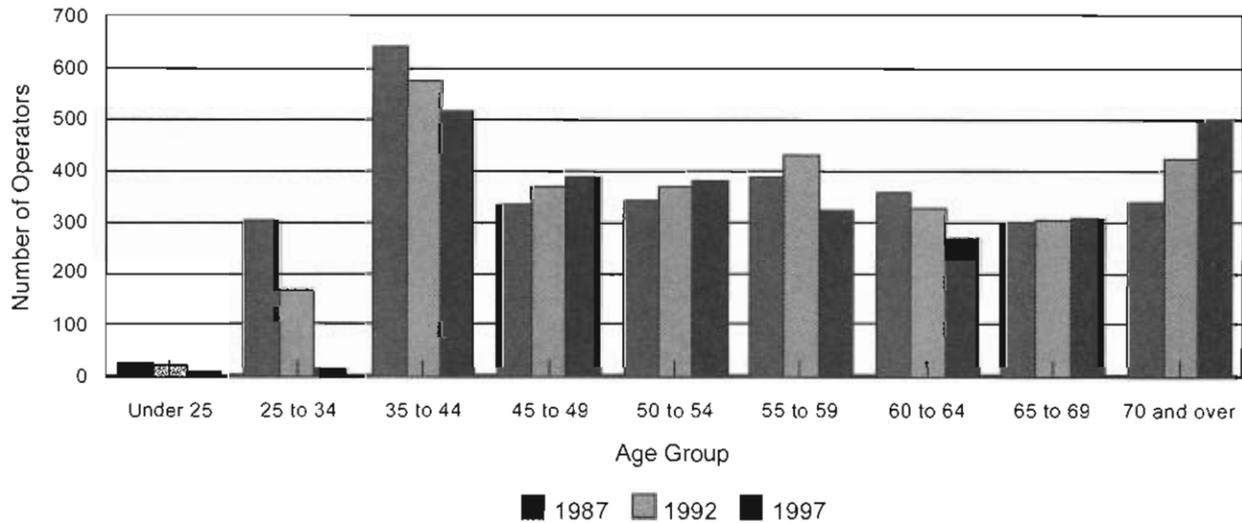
- The Census of Agriculture is a complete accounting of United States agricultural production.
- The Census is the only source of uniform, comprehensive agricultural data for every county in the Nation.
- The Census includes as a farm every place from which \$1,000 or more of agricultural products were produced and sold or normally would have been sold during the census year.
- The Census of Agriculture is taken every five years covering the years ending in "2"; and "7."
- Results of the 2002 Census of Agriculture will be released in early 2004.

FARM OPERATORS BY AGE: Nevada, 1987, 1992, and 1997

Age	1987		1992		1997	
	Number	Percent	Number	Percent	Number	Percent
Under 25	27	.9%	20	.7%	8	.3%
25-34	305	10.1%	169	5.7%	141	.5%
35-44	641	21.2%	573	19.2%	516	19.1%
45-49	334	11.0%	367	12.3%	387	14.3%
50-54	340	11.2%	367	12.3%	379	14.0%
55-59	386	12.8%	431	14.5%	324	12.0%
60-64	356	11.8%	327	11.0%	270	10.0%
65-69	301	9.9%	303	10.2%	307	11.4%
70 and over	337	11.1%	423	14.2%	497	18.4%
Total	3,027	100.0%	2,980	100.0%	2,829	100.0%

Number of Operators by Age

1987, 1992, 1997



FARM OPERATORS BY SEX: United States and Nevada, 1987, 1992, and 1997

Year	United States				Nevada			
	Male		Female		Male		Female	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
1987	1,956,118	93.7%	131,641	6.3%	2,693	89.0%	334	11.0%
1992	1,780,144	92.4%	145,456	7.6%	2,540	87.9%	350	12.1%
1997	1,746,757	91.4%	165,102	8.6%	2,423	85.6%	406	14.4%

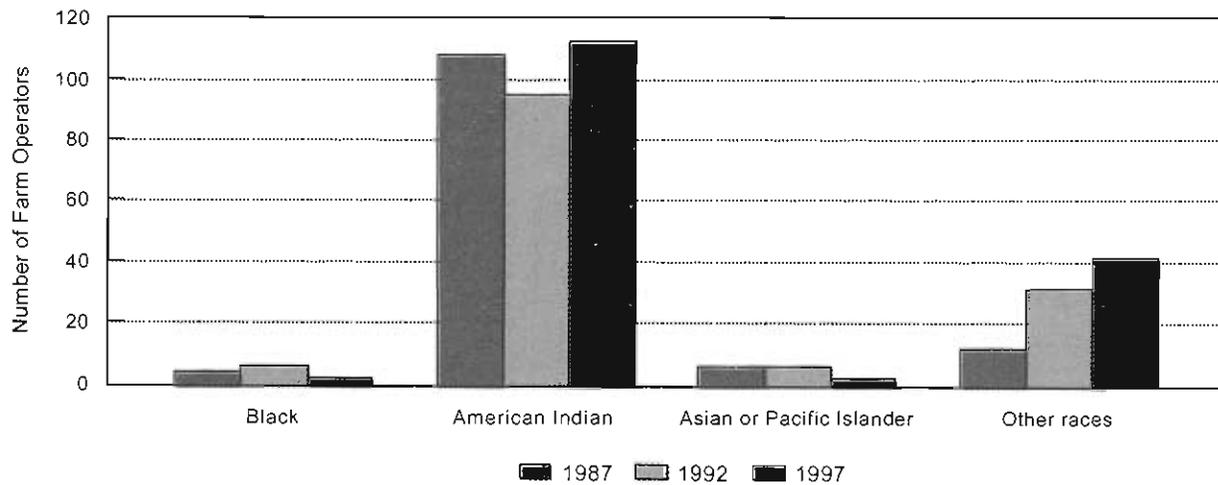
FARMS OPERATED BY SPECIFIED RACIAL GROUPS: Nevada, 1992 and 1997

Racial Group	1992		1997		
	Number	Percent ^{/3}	Number	Percent ^{/3}	Current Acres
Black	6	0.2%	2	0.1%	(D)
American Indian	94	3.3%	112	4.0%	1,401,850
Asian or Pacific Islander	6	0.2%	2	0.1%	(D)
Other ^{/1}	31	1.1%	41	1.4%	14,650
Total	137	4.8%	157	5.6%	1,416,837
Hispanic ^{/2}	86	3.0%	108	3.8%	83,411

^{/1} Other is a classification for respondents who reported NOT being White, Black, American Indian, Asian or Pacific Islander.
^{/2} Operators of Hispanic origin exist in all of racial groups listed and were also tabulated according to the race reported.
^{/3} The percent is the number of operators divided by total number of farms, therefore percentages do not add up to 100.
(D) Withheld to avoid disclosing data for individual farms.

Farms Operated by Specific Racial Groups

1987, 1992, & 1997



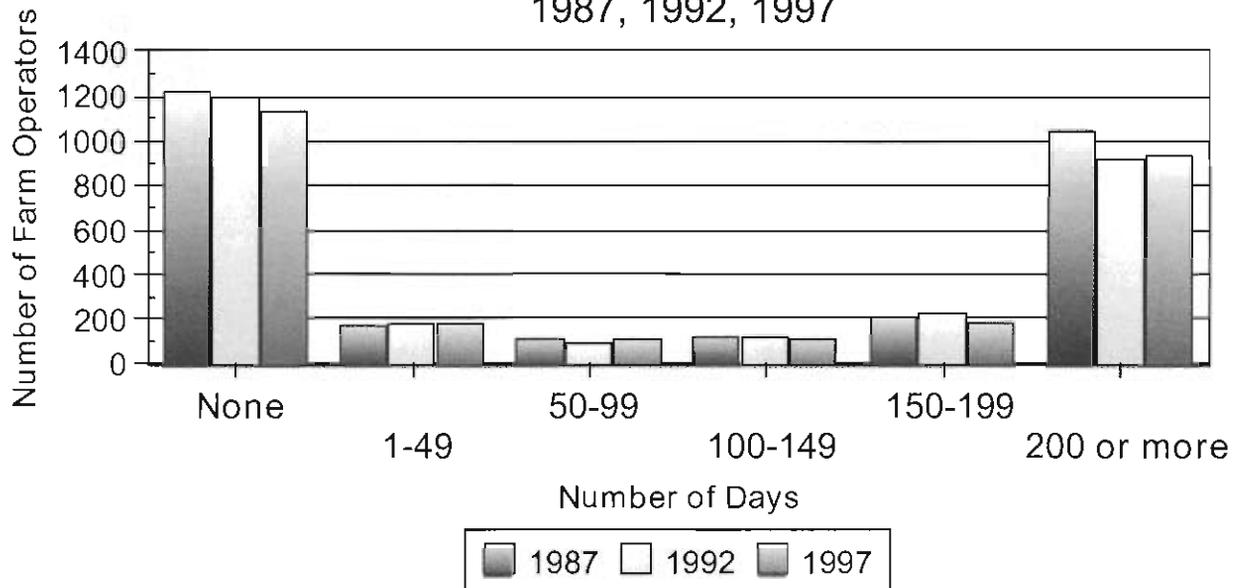
TENURE OF OPERATORS: Nevada, 1987, 1992, and 1997

Tenure	1987		1992		1997	
	Number	Percent	Number	Percent	Number	Percent
All Farms	3,027	--	2,890	--	2,829	--
Full Owners	2,214	73.1%	2,110	73.0%	2,095	74.1%
Part Owners	542	17.9%	509	17.6%	492	17.4%
Tenants	271	9.0%	271	9.3%	242	8.5%

NUMBER OF DAYS WORKED OFF FARM: Nevada, 1987, 1992, and 1997

Number of Days	1987		1992		1997	
	Number	Percent	Number	Percent	Number	Percent
None	1,217	40.2%	1,192	41.2%	1,131	40.0%
1-49	172	5.7%	178	6.2%	178	6.3%
50-99	114	3.8%	88	3.0%	109	3.9%
100-149	125	4.1%	116	4.0%	105	3.7%
150-199	201	6.6%	226	7.8%	184	6.5%
200 or more	1,042	34.4%	910	31.5%	939	33.2%
Not Reported	156	5.2%	180	6.2%	183	6.5%

Number of Farm Operators
by Number of Days Worked Off Farm
1987, 1992, 1997



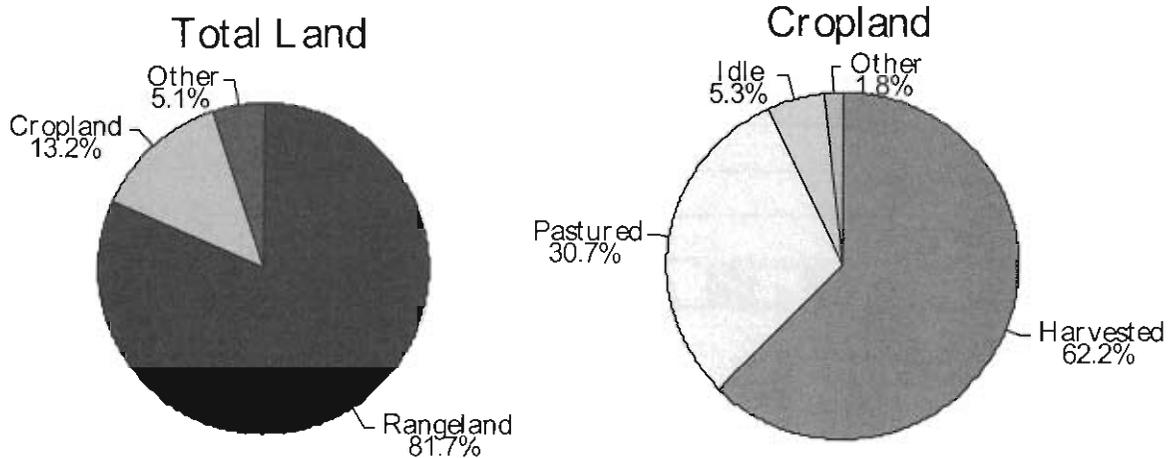
NUMBER OF FARMS AND LAND IN FARMS AND RANCHES: 1993-2002 ¹

Year	Nevada			United States		
	Number of Farms	Average Size of Farms	All Land in Farms	Number of Farms	Average Size of Farms	All Land in Farms
	Actual #	Acres	000 Acres	000's	Acres	000 Acres
1993 ¹²	3,100	2,258	7,000	2,202	460	968,845
1994	3,100	2,258	7,000	2,198	440	965,935
1995	3,000	2,333	7,000	2,196	438	962,515
1996	3,000	2,300	6,900	2,191	438	958,675
1997	3,000	2,300	6,900	2,191	436	956,010
1998	3,000	2,300	6,900	2,191	435	953,500
1999	3,000	2,267	6,800	2,192	432	947,440
2000	3,000	2,267	6,800	2,172	434	943,090
2001	3,000	2,267	6,800	2,156	437	941,310
2002	3,000	2,267	6,800	2,158	436	941,480

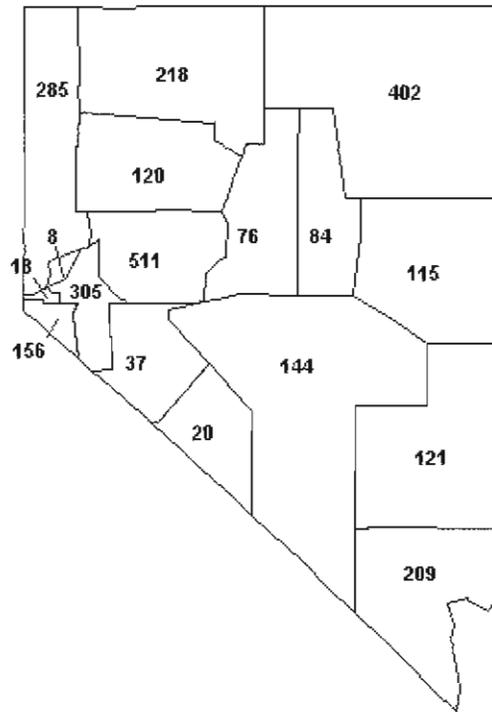
¹ Farm is defined as a place with annual sales of agricultural products of \$1,000 or more.

¹² Farm numbers and land in Farms will be subject to revision pending results of the 2002 Census of Agriculture.

Utilization of Land in Farms and Ranches
Nevada, 1997



NUMBER OF FARMS BY COUNTY: Nevada 1997 ^{/1}



NUMBER OF FARMS BY COUNTY: Nevada, 1997 ^{/1}

County/State	Number of Farms	Land in Farms in Acres	Average Farm Size in Acres
Carson City	18	7,224	401
Churchill	511	129,058	253
Douglas	156	90,372	579
Humboldt	218	733,418	3,364
Lyon	305	174,448	572
Pershing	120	119,435	995
Storey	8	(D)	(D)
Washoe	285	772,115	2,709
Elko	402	2,855,472	7,103
Eureka	84	214,966	2,559
Lander	76	486,017	6,395
White Pine	115	247,446	2,152
Clark	209	70,741	338
Esmeralda	20	27,454	1,373
Lincoln	121	48,897	404
Mineral	37	(D)	(D)
Nye	144	85,534	594
State	2,829	6,409,288	2,266

^{/1} 1997 Census of Agriculture Vol. 1 Geographic Area Series Part 28, Nevada State and County Data
(D) Withheld to avoid disclosing data for individual farms.

NUMBER OF FARMS WITH LIVESTOCK: Nevada and United States, 1988-2002 ^{/1}

Year	Nevada				United States			
	Cattle	Milk	Sheep	Hogs	Cattle	Milk	Sheep	Hogs
	----- Actual Number -----				----- 000's -----			
1988	1,700	290	300	150	1,535.5	216.1	112.3	322.6
1989	1,700	280	300	150	1,319.5	202.9	109.4	300.9
1990	1,700	270	300	140	1,284.0	192.7	105.6	368.1
1991	1,700	260	350	140	1,242.3	180.6	101.2	247.1
1992	1,700	250	350	140	1,226.9	170.5	97.9	240.2
1993	1,700	230	350	140	1,213.8	157.2	92.6	218.1
1994	1,700	200	350	140	1,197.3	148.1	86.1	196.0
1995	1,700	200	350	140	1,190.6	139.7	79.9	168.5
1996	1,700	200	350	140	1,176.7	131.0	76.6	142.4
1997	1,700	150	350	110	1,148.1	123.7	72.7	122.4
1998	1,700	150	300	110	1,115.7	113.8	68.6	117.2
1999	1,700	150	300	100	1,096.6	111.0	66.8	98.6
2000	1,700	150	300	100	1,077.6	105.2	66.1	86.4
2001	1,700	150	300	100	1,049.9	97.5	65.1	80.9
2002	1,700	150	300	100	1,032.7	92.0	64.2	75.4

^{/1} Estimated number of farms with one head or more of species.

SUMMARY OF FARM PRODUCTION BY COUNTY: Nevada 1997

County	Market Value of Ag Products Sold	Total Farm Production Expenses ^{/1}	Net Cash Return
	----- 000 Dollars -----		
Churchill	38,058	30,978	6,312
Clark	18,926	14,683	2,742
Douglas	8,796	8,835	(298)
Elko	49,228	35,781	13,163
Esmeralda	4,016	3,862	154
Eureka	13,133	8,590	4,543
Humboldt	57,315	44,126	12,872
Lander	12,794	10,202	2,592
Lincoln	7,317	5,153	2,541
Lyon	53,959	40,525	13,250
Mineral	1,809	1,554	255
Nye	27,792	20,053	7,625
Pershing	32,679	27,539	5,960
Storey	93	114	(21)
Washoe	22,518	17,315	4,439
White Pine	8,236	6,393	1,442
Carson City	198	336	(138)
State	356,565	276,040	77,433

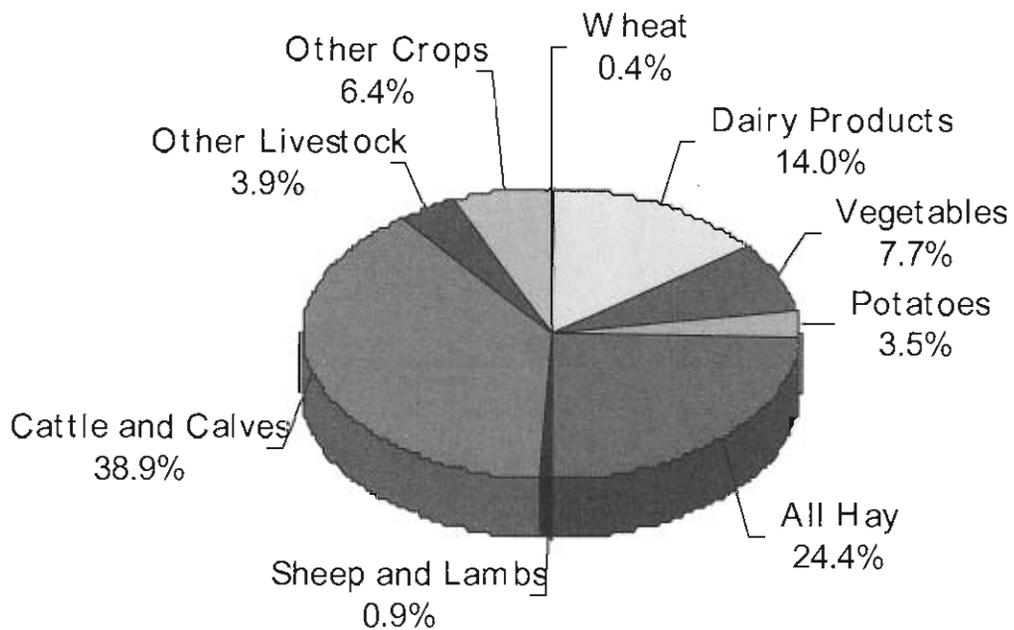
^{/1} Data based on a sample of farms. 1997 Census of Agriculture Vol. 1 Geographic Area Series Part 28, Nevada State and County Data

CASH RECEIPTS FROM FARM MARKETINGS: By Commodities, Nevada 2000-2002 /1

Item	2000		2001		2002	
	Millions	Percent	Millions	Percent	Millions	Percent
Cattle & Calves	167.8	43.3%	192.5	44.9%	142.5	38.9%
Dairy Products	51.7	13.4%	62.3	14.5%	51.3	14.0%
Sheep & Lambs	4.0	1.0%	2.7	0.6%	3.1	0.9%
All other Livestock & Products	13.8	3.6%	13.7	3.3%	14.3	3.9%
Total Livestock & Products	237.2	61.3%	271.2	63.3%	211.2	57.7%
Wheat	3.5	0.9%	1.8	0.4%	1.3	0.4%
All Hay	71.4	18.4%	95.4	22.3%	89.3	24.4%
Vegetables	29.7	7.7%	19.5	4.6%	28.3	7.7%
Potatoes	11.4	2.9%	12.3	2.9%	12.9	3.5%
All Other Crops	34.1	8.8%	28.3	6.5%	23.3	6.4%
Total Crops	150.1	38.8%	157.3	36.7%	155.1	42.3%
Total All Commodities	387.3	100.0%	428.5	100.0%	366.2	100.0%

/1 Totals may not add due to rounding

Cash Receipts from Farm Marketings Nevada, 2002



VALUE ADDED TO THE U.S. ECONOMY BY THE AGRICULTURAL SECTOR:
Nevada, 1998-2002

The value-added format is now used to present the income accounts, replacing the traditional net farm income format. The underlying accounting concepts are the same under both formats and the value for net farm income is identical. Changes in commodity production is the cause of most of the volatility in the income accounts, and the presence of more disaggregated components under the value-added format makes it much easier to discern what forces are driving the changes and trends in farm income. In addition, the value-added approach to the sector accounting has the advantage of being the format accepted and utilized internationally, thereby enabling comparison across countries.

Item	1998	1999	2000	2001	2002
	----- Thousand Dollars -----				
Final Agricultural Sector Output ^{/1}	405,057	387,949	442,305	456,831	424,292
Final Crop Output	150,230	122,706	161,147	149,805	154,120
Home Consumption	171	171	171	171	171
Value of Inventory Adjustment ^{/2}	1,034	(2,975)	10,901	(7,706)	(1,136)
Crops	149,025	125,510	150,075	157,340	155,085
Final Animal Output	200,381	220,959	240,336	259,318	220,402
Home Consumption	1,900	2,152	2,563	2,555	2,249
Value of Inventory Adjustment	(359)	6,722	562	(14,533)	6,996
Livestock and Products	198,840	212,085	237,211	271,296	211,157
Service and Forestry	54,445	40,284	40,822	47,851	49,770
Gross Imputed Rental Value of Farm	38,598	25,425	28,139	33,948	29,537
Net Government Transactions	(8,147)	(7,764)	(7,103)	(4,839)	421
Direct Government Payments	2,675	2,676	3,918	5,864	11,121
Farm Origin Outlays	68,735	71,378	76,953	78,215	67,393
Feed Purchased	39,833	36,810	37,340	35,503	32,647
Livestock and Poultry Purchased	22,737	27,786	32,919	36,195	27,524
Seed Purchased	6,165	6,782	6,694	6,517	7,222
Manufactured Inputs	44,553	44,405	49,374	47,906	47,198
Fertilizers and Lime	12,062	11,875	11,319	10,342	10,167
Pesticides	6,109	5,762	5,970	5,693	5,693
Petroleum Fuel and Oils, Electricity	13,634	13,856	19,614	18,081	16,938
Other Intermediate Expenses	85,175	81,833	93,963	93,621	93,705
Repair and Maintenance of Capital Items	20,697	20,803	21,300	20,044	20,209
Capital Consumption	45,435	42,275	39,335	40,057	40,895
Factor Payments	72,487	74,263	81,099	79,811	83,902
Net Rent Received by Nonoperator Landlord	2,146	1,884	2,335	2,626	2,705
Employee Compensation (Total Hired Labor)	52,559	53,947	58,859	59,169	61,370
Real Estate and Non Real Estate Interest	17,782	18,432	19,905	18,016	19,827
Net Farm Income ^{/1}	80,525	62,131	94,478	112,382	91,620

Source: Economic Indicators of the Farm Sector, State Financial Summary, USDA-ERS.

^{/1}Final sector output is the gross value of the commodities and services produced within a year.

Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production.

Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

^{/2} A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.

PRICES RECEIVED FOR SPECIFIED PRODUCTS: By Month, Nevada, 1998-2002

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.
	----- (Dollars Per Cwt.) -----											
Steers and Heifers												
1998	66.10	73.60	59.50	69.70	68.20	63.70	63.60	63.50	67.60	60.60	65.40	66.20
1999	71.70	69.90	74.50	75.30	67.70	77.10	77.20	77.00	78.70	74.10	77.70	77.10
2000	87.10	88.60	86.30	83.50	83.70	86.90	84.20	85.10	88.80	100.80	91.50	88.60
2001	85.70	86.40	84.80	86.50	86.40	88.20	90.10	86.20	87.20	92.00	97.00	105.40
2002	81.00	84.40	85.00	80.80	70.20	76.30	72.30	74.20	75.50	78.50	86.10	84.80
Cows												
1998	33.40	34.50	38.40	35.70	36.40	37.30	36.50	36.90	33.40	31.40	30.20	31.10
1999	33.50	34.60	36.30	35.70	36.20	35.50	36.50	36.00	34.50	33.80	33.10	34.50
2000	53.60	34.80	35.40	37.30	38.20	39.80	41.00	38.50	35.80	33.30	37.90	37.90
2001	36.90	35.80	36.40	40.10	35.00	39.30	44.90	42.30	39.00	34.10	31.10	31.80
2002	30.80	30.70	33.00	38.10	36.70	37.00	35.40	35.60	33.30	35.80	34.80	34.40
Calves												
1998	78.60	81.10	82.60	74.80	68.50	79.50	70.10	60.70	72.70	71.80	73.20	70.10
1999	82.70	82.10	88.80	82.50	83.90	91.70	93.40	92.50	90.90	87.20	87.60	89.60
2000	97.60	108.40	110.50	110.20	90.30	109.00	110.60	111.90	108.00	108.80	113.50	113.80
2001	114.00	133.00	123.80	114.50	102.80	103.20	102.40	103.40	102.80	107.30	110.40	93.00
2002	97.40	96.80	93.30	95.30	95.50	95.30	95.80	96.30	96.60	91.30	90.70	96.00
	----- (Dollars per Ton) -----											
Alfalfa Hay												
1998	107.00	109.00	111.00	105.00	106.00	116.00	117.00	119.00	107.00	99.00	103.00	101.00
1999	100.00	89.00	80.00	75.00	72.00	67.00	91.00	87.00	84.00	82.00	86.00	81.00
2000	81.00	83.00	84.00	83.00	82.00	90.00	96.00	90.00	93.00	92.00	92.00	92.00
2001	97.00	94.00	90.00	100.00	99.00	101.00	111.00	108.00	110.00	119.00	122.00	118.00
2002	117.00	117.00	112.00	104.00	108.00	110.00	104.00	102.00	98.00	100.00	101.00	97.00
Other Hay												
1998	95.00	90.00	95.00	91.00	93.00	102.00	108.00	90.00	110.00	85.00	95.00	95.00
1999	85.00	65.00	87.00	80.00	70.00	69.00	81.00	76.00	80.00	76.00	80.00	80.00
2000	80.00	83.00	86.00	83.00	85.00	96.00	92.00	100.00	100.00	98.00	97.00	103.00
2001	103.00	102.00	102.00	99.00	100.00	100.00	104.00	110.00	115.00	116.00	125.00	125.00
2002	123.00	121.00	117.00	112.00	111.00	108.00	111.00	115.00	113.00	112.00	110.00	105.00
All Hay												
1998	106.00	107.00	109.00	104.00	105.00	115.00	116.00	116.00	107.00	98.00	102.00	100.00
1999	99.00	87.00	81.00	76.00	72.00	67.00	90.00	86.00	84.00	81.00	85.00	81.00
2000	81.00	83.00	84.00	83.00	82.00	91.00	96.00	91.00	94.00	93.00	93.00	93.00
2001	98.00	95.00	91.00	100.00	99.00	101.00	111.00	108.00	110.00	119.00	122.00	119.00
2002	118.00	117.00	113.00	105.00	108.00	110.00	105.00	103.00	100.00	101.00	102.00	98.00

2002 CROP/ WEATHER SUMMARY



January: Winter storms passed through Nevada during January bringing much-needed precipitation to the region. Snow fell across the State with even Las Vegas recording a trace of snowfall near the end of the month. Precipitation totals were below normal in Reno, but above normal in Ely. Temperatures for the month averaged near normal most areas. Ely recorded a record low temperature of -25 degrees on January 30. The water content of snow accumulations on northern watersheds stood at roughly 120 percent of normal. Calving was getting underway during the month and some lambing and kidding was noted. Winter livestock feeding continued.

February: High pressure covered much of western Nevada during February, promoting higher than normal temperatures and deterring storms. Reno recorded a record high temperature of 73 degrees on the 22nd, 5 degrees above the previous record. The northeastern part of the State was colder than normal with Elko averaging 7 degrees below normal for the month. Precipitation was below normal in most areas. The water content of winter snow pack fell as a percent of normal in nearly all primary watersheds. Calving was underway during the month, as was farm flock lambing and kidding. Marketing of yearling cattle was active. Hay shipping to dairy accounts continued and sales to equine accounts continued. Fall seeded grains were wintering well. Garlic fields were in good condition. Shipment of onions from storage ended. Potato processing remained active.

March: March was somewhat dry across the State, continuing the trend of January and February. Precipitation was slightly above normal in Winnemucca, but generally below normal elsewhere. Water content of the winter snow pack for primary watersheds ranged from 79 to 101 percent of normal. Temperatures averaged above a few degrees below normal for the month, but warmed appreciably toward the end of the month. Calving continued in full swing. Fall seeded grains and garlic were in good condition. Field preparations and spring grain planting were underway. Onions were planted and sprinkler irrigation was underway.

April: Temperatures warmed to unseasonably high levels during the month, before colder wet weather arrived at month's end. Precipitation totals were quite varied with Elko and Reno receiving above normal amounts, while Winnemucca and Ely recorded less than normal. Mountain snow packs were sharply reduced by the warm weather. Calving continued. Cattle were worked and branded as movement to spring ranges began. Sheep were being shorn and lambing was getting underway. Alfalfa was nearing harvest in the south and was breaking dormancy in the north. Potato processing was ongoing. Fall seeded grains and garlic were in good condition and irrigation was beginning. Potato planting began. Onions were being irrigated. Mormon crickets were hatching in the Winnemucca and Redrock areas, prompting bating.

May: Cold, wet weather was common early in May, but monthly totals were much drier than normal. Las Vegas recorded its second consecutive month without precipitation and Ely only recorded 0.2 inch, 1.27 inches below normal. Temperatures during the month were highly varied, commonly ranging from lows in the teens to highs in the 90's. Some record low temperatures were recorded early in the month and some record high temperatures were recorded at the end of the month. Winnemucca recorded a daily record low of 10 degrees on the 8th and a daily record high of 96 degrees on the 30th. Snow melt accelerated and increased stream flows. Irrigation water supplies were adequate at most areas, but very short in the Lovelock area. Some alfalfa fields had to be cut early due to frost. Spring seeded grains and row crops were mostly up by month's end.

June: Hot, dry weather prevailed across Nevada during most of June, but some cold weather visited the State early in the month. Alfalfa plants froze back in the Orvada area and some potatoes were damaged. Precipitation was well below normal and ranges were drying fast. Crops showed moisture stress in the Lovelock area. Mormon cricket and grasshopper infestations damaged range and crops in parts of northern Nevada. First cutting of alfalfa was completed in most areas during June and second cutting was underway in southern and central regions. Meadow grasses, Sudan, and grains were also being cut for hay. Fall grains were heading and corn cultivation was underway. Pest and weed control was common.

2001 CROP/ WEATHER SUMMARY cont.

July: July 2002 was very hot in Nevada and several record high temperatures were recorded. Afternoon thundershowers provided some relief from the heat, but precipitation totals were mostly modest. Lightning ignited wildland fires in many parts of the State. Reduced stream flows curtailed irrigation in some areas. First cutting of alfalfa was completed early in the month and the second cutting was nearing completion by the end. Harvest of other types of hay continued with demand strong. Fields were being sprayed for mite and aphid control. Winter wheat harvest began. Spring wheat and malting barley were ripening in approach to harvest. Corn and potatoes showed rapid growth. Onions remained in fair to good condition. Garlic fields were drying with harvest approaching. Mormon crickets and grasshoppers continued to damage range and crop lands.

August: Thundershowers early in the month provided significant precipitation to some parts of the North, but missed many others. Northeastern Nevada continued to experience a very dry summer. Water supplies for irrigation ran short in some areas and dry range conditions forced some livestock movement. Second cutting of alfalfa was completed and the third cutting was underway. Wheat and barley harvests were active and nearing completion by the end of the month. Garlic and onion harvests were underway. Triticale was being harvested for seed in the Orovada area. Cantaloup and sweet corn harvests underway for local markets.

September: Thundershowers brought significant precipitation to the northeast, but most of the State received very little. Temperatures averaged well above normal west and near normal for the rest of the State. Deteriorating range conditions forced some early movement of livestock from Fall ranges. Alfalfa third cutting was completed and fourth cutting was underway. Alfalfa seed harvest was active. Corn was harvested for silage. Onion and garlic harvests were completed, as were the cantaloup and sweet corn harvests. Mint distilling was underway in Orovada. Potato harvest was in full swing. New alfalfa fields were being seeded.

October: October 2002 was mostly dry with only the south recording above normal precipitation. Winnemucca recorded a record low temperature of 10 degrees on the 30th. Ely recorded a record 24 hour snowfall of 12 inches on the first. Temperatures varied greatly through the month, averaging a few degrees below normal in most areas. fourth cutting continued. Growers completed their final cutting of alfalfa hay with most getting four cuttings and a few five. Corn chopping for silage and green feed neared completion. Potato harvest continued. Winter wheat and barley planting was completed. Most fall seeded crops emerged in good condition. Weaning, sorting, and marketing of calves and cull cows was active. Drought forced hauling of water to some fields for livestock.

November: A storm system passed through the State during the second week of the month, bringing significant precipitation to many areas. Accumulated precipitation for the month exceeded normal at most recording stations. Crop harvests were completed. Livestock marketing and movement was very active. Industry meetings were common.

December: December was warmer and drier than normal for most parts of the State. The north-central and northeastern regions received less than half of normal precipitation. Several storms did, however, pass over the northwest bringing high winds and much needed precipitation. Reno recorded 2.20 inches of rainfall compared with a norm of 1.32 inches. The storms also contributed heavy snowfall to the Sierra Nevada. Snow pack in the Sierra exceeded 150 percent of normal. Cattle and calf sales continued, as did the marketing of cull cattle continued. Hay marketing and shipping was active with high demand. Shipment of onions from storage continued. Potato processing remained active. Fall seeded grains and garlic were in generally good condition. Winter livestock feeding was underway, but open weather over most of the State reduced needs.

CLIMATOLOGICAL DATA: Normals and Means

DYER													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Monthly Average 2002	30.9	36.1	39.9	52.2	58.3	70.5	77.5	72.1	63.9	50.2	40.1	33.6	52.1
Departure from Normal	-.8	-1.4	-4.0	02.1	0.1	03.3	04.0	00.6	00.4	-2.5	-0.1	01.8	0.3
PRECIPITATION (in.)													
Normal Total 2002	0.06	0.21	0.05	0.13	0.00	0.03	0.22	0.00	0.04	0.02	0.83	0.39	1.98
Departure from Normal	-.31	-.23	-.50	-.27	-.63	-.32	-.22	-.41	-.45	-.37	0.44	0.11	-3.16

Z: 26 or more days

ELKO													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Monthly Average 2002	23.2	24.3	34.5	46.3	51.9	63.8	73.6	66.1	59.5	43.3	35.7	31.6	46.2
Departure from Normal	-2.4	-7.0	-4.1	01.7	-0.8	02.1	04.5	-1.5	01.3	-3.4	01.2	05.6	-0.2
PRECIPITATION (in.)													
Monthly Total 2002	0.54	0.47	0.62	1.60	0.87	0.43	0.03	0.01	1.07	0.08	1.21	0.55	7.48
Departure from Normal	-.60	-.41	-.36	0.79	-.21	-.24	-.27	-.35	0.39	-.63	0.16	-.38	-2.11

ELY													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Monthly Average 2002	23.1	27.0	32.0	44.4	50.2	62.4	71.3	64.7	56.9	42.4	34.0	26.4	44.6
Departure from Normal	-2.1	-2.8	-3.9	02.2	-0.2	02.5	03.9	-1.1	0.02	-3.0	00.5	00.6	-0.3
PRECIPITATION (in.)													
Normal Total 2002	0.46	0.62	0.26	0.68	0.02	0.06	0.26	0.02	0.42	0.91	0.67	0.14	4.52
Departure from Normal	-.28	-.13	-.79	-.22	-1.27	-.60	-.34	-.89	-.52	-.09	0.04	-.36	-5.45

EUREKA													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Monthly Average 2002	25.4	28.3	32.7	44.9	50.6	63.4	72.0	66.4	59.2	45.2	36.2	29.9	46.2
Departure from Normal	-1.2	-1.7	-2.8	03.0	00.1	03.2	03.5	-0.7	00.6	-2.3	01.5	02.5	00.5
PRECIPITATION (in.)													
Normal Total 2002	0.84	1.88	0.23	2.18	0.32	0.00	0.84	0.10	0.21	0.30	0.77	0.60	8.27
Departure from Normal	-.16	0.97	-1.22	1.02	-1.22	-.74	0.29	-.73	-.79	-.75	-.18	-.28	-3.79

FALLON													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Monthly Average 2002	33.9	40.1	42.2	52.8	58.6	70.0	77.1	70.8	64.7	51.1	40.9	36.5	53.2
Departure from Normal	02.2	02.0	-1.4	03.1	01.1	03.9	04.3	-0.2	02.4	-0.4	00.9	04.6	01.9
PRECIPITATION (in.)													
Normal Total 2002	0.53	0.10	0.13	0.25	0.03	0.16	0.07	0.00	0.01	0.12	0.06	0.23	1.69m
Departure from Normal	NA	-0.38	-.37	-.32	-0.68	-.37	-.09	-.26	-.36	-.33	-.33	-.11	NA

/m Partial or Incomplete Data NA Not Available

CLIMATOLOGICAL DATA: Normals and Means - continued

LOVELOCK													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	31.5	37.1	39.8	50.6	57.1	69.2	76.5	70.6	63.4	49.3	38.2	33.9	52.2
Departure from Normal	01.7	-.1	-3.4	01.1	-.8	66.3	03.5	-.2	01.2	-1.3	00.5	03.9	51.4
PRECIPITATION (in.)													
Normal Total 2002	0.77	0.56	0.12	0.39	0.29	0.52	0.45	0.00	0.17	0.03	0.73	0.22	5.01
Departure from Normal	0.19	0.05	-.36	-.25	-.36	-.05	0.28	-.27	-.33	0.47	0.24	0.32	5.44

OVERTON													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	46.8	52.8	57.3	71.1	76.8	88.4	95.4	89.0	82.4	68.4	57.6	47.4	71.0
Departure from Normal	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	00.0	66.6
PRECIPITATION (in.)													
Normal Total 2002	0.00	0.00	0.01	0.00	0.00	0.07	0.29	0.00	0.23	0.30	0.28	0.12	4.26
Departure from Normal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.24

Z: 26 or more days

PAHRUMP													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	43.0	48.0	51.4	63.8	69.2	81.0	87.8	83.2	76.6	62.5	53.0	42.6	64.4
Departure from Normal	00.4	00.6	-1.3	59.2	68.5	03.4	04.0	01.2	02.3	00.2	03.1	00.4	61.9
PRECIPITATION (in.)													
Normal Total 2002	T	T	0.09	0.00	0.00	T	0.16	0.00	T	0.22	0.01	0.34	3.96
Departure from Normal	-.73	-.83	-.73	-.31	-.29	-.09	-.23	-.40	-.31	0.03	-.35	-.12	4.87

PIOCHE													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	34.0	37.1	42.6	52.4	59.4	71.3	78.8	75.8	67.6	53.6	42.9	35.3	52.7
Departure from Normal	02.6	02.1	02.8	05.6	03.6	05.4	06.1	0 5.1	04.7	01.9	03.6	03.1	50.7
PRECIPITATION (in.)													
Normal Total 2002	0.22	0.40	2.11	0.44	0.42	0.00	0.60	0.13	1.17	0.78	0.58	0.55	11.6
Departure from Normal	-1.28	-1.19	1.56	-.51	0.99	-.52	1.05	-1.14	0.21	-.36	-.36	-.42	13.6

Z: 26 or more days

RENO													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2001	34.4	40.9	0.42	52.0	53.3	70.0	.12	72.5	66.4	52.6	43.1	37.5	4.35
Departure from Normal	00.8	02.4	-.44	03.4	01.9	05.3	-.12	2.6	4.0	0.06	02.2	03.9	7.33
PRECIPITATION (in.)													
Normal Total 2001	0.59	0.24	48.6	1.21	0.20	0.10	74.1	0.82	T	0.12	1.08	2.18	54.9
Departure from Normal	-.47	-.82	41.8	.86	-.42	-.37	70.3	0.55	-.45	-.30	0.28	1.30	50.1

CLIMATOLOGICAL DATA: Normals and Means - continued

TUSCARORA													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	25.4	26.3	32.0	44.1	48.9	60.3	71.9	64.4	58.2	43.8	35.7	30.2	44.6
Departure from Normal	-.6	-.1	-3.1	2.8	-.3	2.2	5.2	-1.8	00.7	-3.3	01.8	02.9	44.5
PRECIPITATION (in.)													
Normal Total 2002	0.92	0.55	1.13	0.66	0.94	0.59	0.36	0.03	0.51	0.25	1.18	1.00	9.95
Departure from Normal	0.00	-.33	.02	-.21	-.48	-.33	-.14	-.28	-.38	-.78	0.00	-.32	12.6

WINNEMUCCA													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	30.4	36.0	37.4	47.6	53.6	66.5	75.9	67.8	60.3	44.5	37.0	34.7	50.1
Departure from Normal	.3	-.1	-3.7	00.9	-1.6	2.2	3.9	-2.1	00.0	-4.3	-.4	05.1	48.9
PRECIPITATION (in.)													
Normal Total 2002	0.84	0.89	0.97	0.64	0.43	0.26	T	T	0.24	0.13	1.28	0.39	4.84
Departure from Normal	0.01	0.27	0.11	-.21	-.63	-.43	-.27	-.35	-.29	-.53	0.48	-.42	0.29

YERINGTON													
TEMPERATURE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct.	Nov	Dec	Year
Monthly Average 2002	33.3	39.5	M	53.7	59.3	70.7	78.1	72.6	67.2	52.4	40.9	36.1	54.9
Departure from Normal	-.2	00.3	00.0	02.6	00.3	0 3.3	04.4	00.4	0 2.9	-1.0	-0.3	02.8	51.0
PRECIPITATION (in.)													
Normal Total 2002	.06	0.00	0.11	0.24	0.00	0.04	0.27	0.00	0.00	0.00	0.03	1.05	2.89
Departure from Normal	-.43	-.56	-.48	-.13	-.76	-.47	0.00	-.34	-.27	-.41	-.34	0.68	5.42

ANNUAL CROP SUMMARY - NEVADA, 2000-2002

Crop	Year	Acreage		Production			Season Average Price Per Unit	Value Of Prod.
		Planted	Harvested	Unit	Yield Per Acre	Total		
Winter Wheat	2000	10	9	BU	100.0	900	2.45	2,205
	2001	9	2		95.0	190	3.05	580
	2002	6	3		85.0	255	3.55	905
Spring Wheat	2000	8	6		95.0	570	2.75	1,568
	2001	6	1		80.0	80	3.25	260
	2002	7	2		75.0	150	3.60	540
All Wheat	2000	18	15		98.0	1,470	2.55	3,773
	2001	15	3		90.0	270	2.15	840
	2002	13	5		81.0	405	3.55	1,445
Barley	2000	4	3		85.0	255	2.55	650
	2001	4	1		90.0	90	2.65	239
	2002	4	2		97.0	194	2.95	572
Alfalfa Hay	2000	--	265	TONS	4.60	1,219	92.50	112,758
	2001	--	265		4.50	1,193	113.00	134,809
	2002	--	275		4.30	1,183	103.00	121,849
All Other Hay	2000	--	225		1.70	383	98.50	37,726
	2001	--	230		1.70	391	116.00	45,356
	2002	--	210		1.60	336	111.00	37,296
All Hay	2000	--	490		3.27	1,602	93.50	150,484
	2001	--	495		3.20	1,584	114.00	180,165
	2002	--	485		3.13	1,519	103.00	159,145
Corn Silage	2000	--	3		25.0	75	--	--
	2001	--	3		22.0	66	--	--
	2002	--	4		18.0	72		
Alfalfa Seed	2000	--	14.5	LBS	765	11,093	1.25	13,866
	2001	--	9.5		660	6,270	1.25	7,838
	2002	--	6.0		550	3,300	1.25	3,960
Potatoes	2000	7.0	7.0	CWT	450	3,150	3.70	11,655
	2001	6.5	6.5		360	2,340	6.55	15,327
	2002	7.6	7.6		340	2,584	5.35	13,824
		<i>-Actual Acres-</i>		<i>-Actual Tons-</i>				
Garlic	2000	2,300	2,200		7.5	16,500	340.00	5,610
	2001	1,400	1,400		6.2	8,680	340.00	2,958
	2002	1,100	1,100		8.5	9,350	400.00	3,740
Onions	2000	3,300	3,300		23.0	75,900	310.00	23,529
	2001	2,900	2,900		23.0	66,700	240.00	16,008
	2002	3,300	3,300		28.0	92,400	260.00	24,024

RECORD HIGHS AND LOWS IN NEVADA AGRICULTURE

Item	Unit	Record High		Record Low		Year Estimate Series Began
		Quantity	Year	Quantity	Year	
Winter Wheat:						
Harvested	Acres	19,000	1974	1,000	1932	1909
Yield	Bushels	100	1993,1995,1996 1997,1998,2000	19.7	1919,1922	1909
Production	Bushels	1,400,000	1997	23,000	1932	1909
Spring Wheat:						
Harvested	Acres	19,000	1919	1,000	2001	1909
Yield	Bushels	95	1997,2000	20	1921,1936	1909
Production	Bushels	1,200,000	1984	80,000	2001	1909
All Wheat:						
Harvested	Acres	31,000	1976,1981	3,000	1881,2001	1870
Yield	Bushels	98.7	1997	18	1875	1870
Production	Bushels	1,890,000	1982	68,000	1881	1859
Barley:						
Harvested	Acres	32,000	1982	1,000	2001	1870
Yield	Bushels	110	1982	23.0	1877	1870
Production	Bushels	2,560,000	1982	90,000	2001	1870
Alfalfa Hay:						
Harvested	Acres	*275,000	2002	98,000	1947	1909
Yield	Ton	4.60	1998,2000	1.80	1931	1909
Production	Ton	1,219,000	2000	234,000	1931	1909
All Other Hay:						
Harvested	Acres	310,000	1970	150,000	1992	1969
Yield	Ton	1.80	1997,1999	1.05	1975	1969
Production	Ton	428,000	1982	188,000	1992	1969
All Hay:						
Harvested	Acres	530,000	1983	206,000	1931	1909
Yield	Ton	3.21	1998	1.33	1943	1909
Production	Ton	1,584,000	2001	302,000	1931	1909
Alfalfa Seed:						
Harvested	Acres	23,500	1970	1,000	1960	1959
Yield	Pounds	900	1990	200	1962	1959
Production	Pounds	14,400,000	1990	300,000	1960	1959
Potatoes:						
Harvested	Acres	17,000	1978	500	1968	1879
Yield	Cwt.	450	2000	60	1931	1879
Production	Cwt.	5,440,000	1978	88,000	1889	1879
All Cattle:						
Jan. 1	Head	700,000	1982	36,000	1867	1867
All Sheep:						
Jan. 1	Head	1,330,000	1920	24,000	1867	1867
All Hogs:						
Jan. 1	Head	34,000	1916	3,000	1867,1868	1867

* Record matched or new record set in 2002.

WINTER WHEAT: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

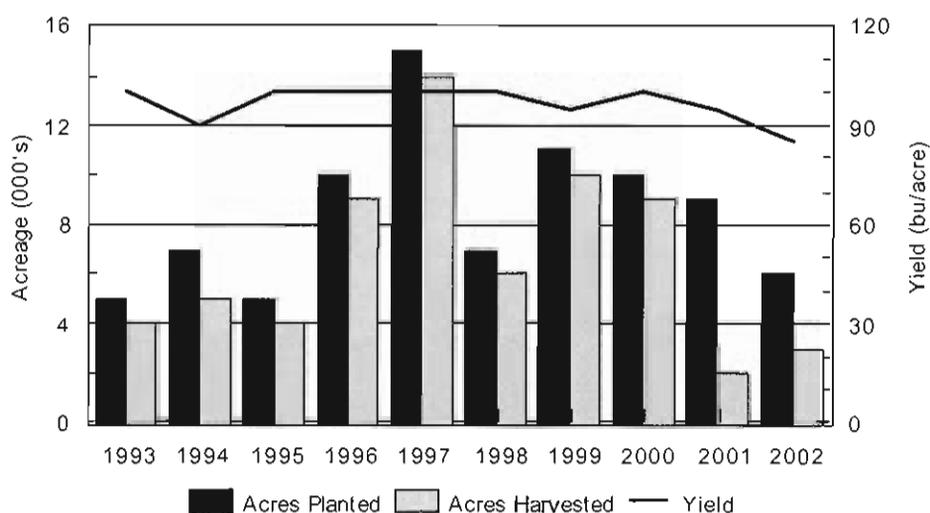
Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Price Ave.	Value of Production
	Acres		Bushels	000 Bu.	\$'s Per Bu.	000 \$'s
1993	5,000	4,000	100	400	3.00	1,200
1994	7,000	5,000	90	450	3.60	1,620
1995	5,000	4,000	100	400	4.45	1,780
1996	10,000	9,000	100	900	4.15	3,735
1997	15,000	14,000	100	1,400	3.25	4,550
1998	7,000	6,000	100	600	2.25	1,350
1999	11,000	10,000	95	950	2.55	2,423
2000	10,000	9,000	100	900	2.45	2,205
2001	9,000	2,000	95	190	3.05	580
2002	6,000	3,000	85	255	3.55	905

WINTER WHEAT: Acreage, Yield and Production, By County, Nevada, 2001-2002

County	2001				2002			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	---- Acres ----		---- Bushels ----		---- Acres ----		---- Bushels ----	
Humboldt	2,000	300	83	25,000	2,000	1,900	92	175,000
Pershing	4,300	1,100	100	110,000	700	0	0	0
Other Counties	1,500	400	93	37,000	2,500	1,100	73	80,000
Northwest	7,800	1,800	96	172,000	5,200	3,000	85	255,000
Other Districts ^{/1}	1,200	200	90	18,000	800	0	0	0
State	9,000	2,000	95	190,000	6,000	3,000	85	255,000

^{/1} Data included in "Other Districts" to avoid disclosing individual information.

Winter Wheat



SPRING WHEAT: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Price Ave.	Value of Production
	Acres		Bushels	000 Bu.	\$'s Per Bu.	000 \$'s
1993	6,000	5,000	80	400	3.35	1,256
1994	5,000	4,000	55	220	2.95	1,180
1995	7,000	6,000	75	450	3.40	748
1996	11,000	10,000	75	750	4.40	1,980
1997	6,000	5,000	95	475	4.05	3,038
1998	9,000	8,000	80	640	3.25	1,544
1999	6,000	5,000	85	425	2.35	1,504
2000	8,000	6,000	95	570	2.75	1,169
2001	6,000	1,000	80	80 ^{1/}	2.75	1,568
2002	7,000	2,000	75	150	3.30	264

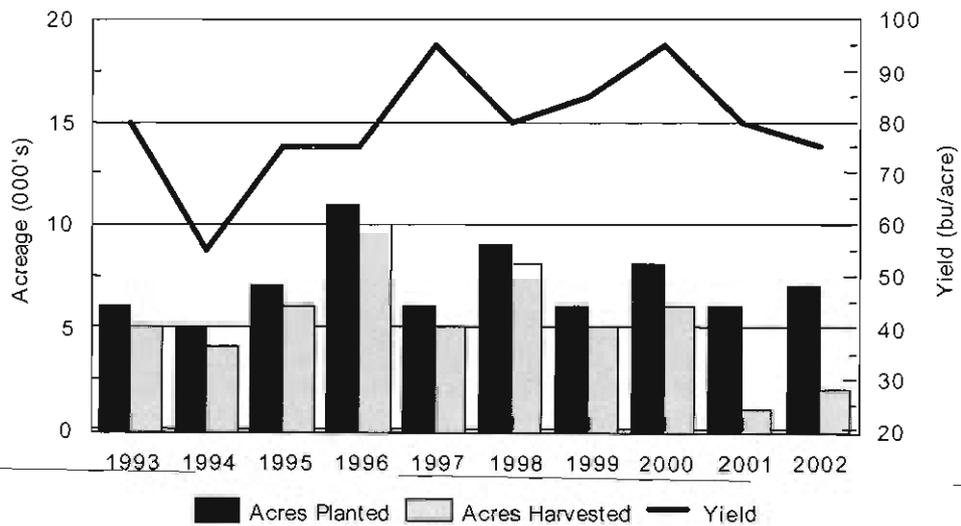
^{1/} Record low for Nevada

SPRING WHEAT: Acreage, Yield and Production, By County, Nevada, 2001-2002

County	2001				2002			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	----- Acres -----		----- Bushels -----		----- Acres -----		----- Bushels -----	
Humboldt	3,800	900	78	70,000	1,800	1,500	77	115,000
Pershing	1,400	0	0	0	1,500	0	0	0
Other Counties	500	100	100	10,000	2,200	500	70	35,000
Northwest	5,700	1,000	80	80,000	5,500	2,000	75	150,000
Other Districts ^{1/}	300	0	00	0	1,500	0	0	0
State	6,000	1,000	80	80,000	7,000	2,000	75	150,000

^{1/} Data included in "Other Districts" to avoid disclosing individual information.

Spring Wheat

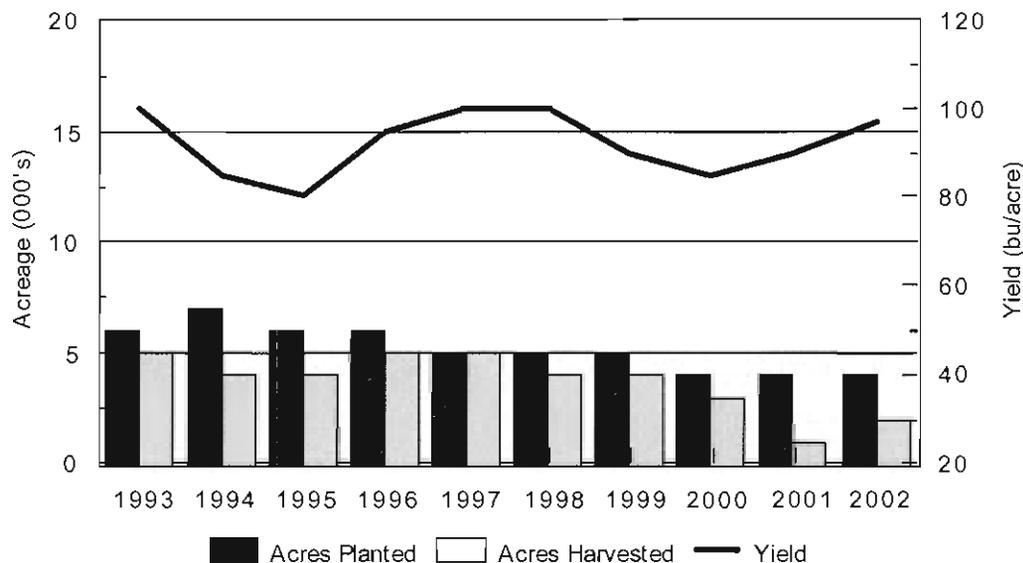


BARLEY: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Price Ave.	Value of Production
	Acres		Bushels	000 Bu.	\$'s Per Bu.	000 \$'s
1993	6,000	5,000	100	500	2.55	1,275
1994	7,000	4,000	80	340	2.45	833
1995	6,000	4,000	80	320	3.15	1,008
1996	6,000	5,000	95	475	3.00	1,425
1997	5,000	5,000	100	500	2.85	1,425
1998	5,000	4,000	100	400	2.45	980
1999	5,000	4,000	90	360	2.40	864
2000	4,000	3,000	85	255	2.55	650
2001	4,000	1,000 ^{1/}	90	90 ^{1/}	2.65	239
2002	4,000	2,000	97	194	2.95	572

^{1/} Record low for Nevada

Barley



Corn For Silage: Area, Yield, Production, Nevada, 2000-2002

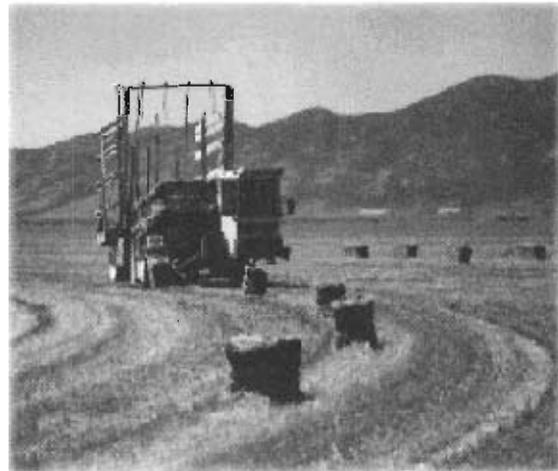
Corn For Silage			
Year	Acres Harvested	Per Acre	Production
	Acres	Tons	Tons
2000	3,000	25	75,000
2001	3,000	22	66,000
2002	4,000	18	72,000

HAY: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

All Hay					
Year	Acres Harvested	Yield Per Acre	Production	Season Average Price / ¹	Value of Production
	000	Tons	000 Tons	\$	000\$'s
1993	505	2.74	1,385	94.00	129,910
1994	470	2.98	1,400	95.50	131,236
1995	480	3.16	1,516	96.00	141,735
1996	480	3.16	1,516	99.50	146,421
1997	490	3.07	1,506	105.00	153,690
1998	485	3.21	1,556	102.00	156,308
1999	480	3.02	1,451	83.00	119,859
2000	490	3.27	1,602	93.50	150,484
2001	495	3.20	1,584	114.00	180,165
2002	485	3.13	1,519	103.00	159,145

¹ Estimated marketings of alfalfa and other hay used as weights to calculate all hay price.

Hay is the foremost crop produced in Nevada. The Nevada climate and irrigable soils are conducive to the production of high quality alfalfa and specialty hays. "Other Hay" listed in this publication includes wild and improved grasses, timothy, sudan, and grains. Much of the Nevada grown alfalfa hay is marketed to California dairymen and significant quantities are shipped overseas. Much of the grass hay produced is used to meet the winter feeding demands of resident livestock herds. Timothy hay is marketed primarily to race horse accounts across the western United States.

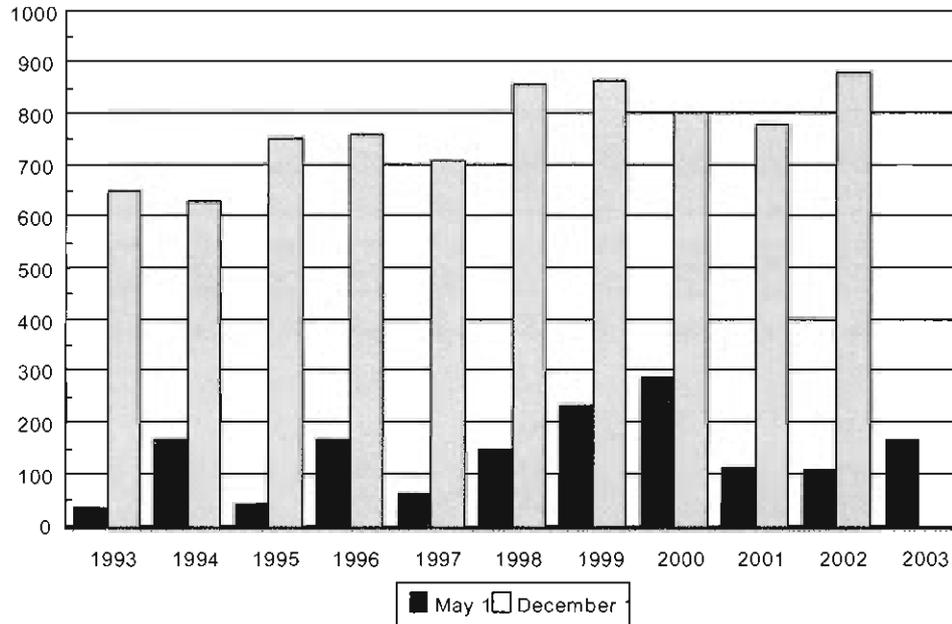


Alfalfa Hay					
Year	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	000	Tons	000 Tons	\$	000\$'s
1993	235	4.40	1,034	99.50	102,883
1994	240	4.30	1,032	96.50	99,588
1995	250	4.50	1,125	97.00	104,760
1996	250	4.50	1,125	102.00	114,750
1997	260	4.20	1,092	107.00	116,844
1998	260	4.60	1,196	103.00	123,188
1999	255	4.10	1,046	84.00	87,864
2000	265	4.60	1,219	92.50	112,758
2001	265	4.50	1,193	113.00	134,809
2002	275	4.30	1,183	103.00	121,849

HAY: Acreage, Yield, Production, Price and Value, Nevada 1993-2002 (cont.)

All Other Hay					
Year	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	000	Tons	000 Tons	\$	000's
1993	270	1.30	351	77.00	27,027
1994	230	1.60	368	86.00	31,648
1995	230	1.70	391	87.00	36,975
1996	230	1.70	391	81.00	31,671
1997	230	1.80	414	89.00	36,846
1998	225	1.60	360	92.00	33,120
1999	225	1.80	405	79.00	31,995
2000	225	1.70	383	98.50	37,726
2001	230	1.70	391	116.00	45,356
2002	210	1.60	336	111.00	37,296

All Hay, Stocks on Farms
Nevada, May 1 and Dec. 1, 1993-2003



HAY: Stocks on Farms, Nevada, May 1 and December 1, 1993-2003

Year	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
	----- 1,000 Tons -----										
May 1	32	166	42	166	61	151	233	290	112	111	167
Dec 1	651	630	750	758	708	857	867	801	776	881	na

HAY: Acreage Harvested, Yield and Production, by Type and County, Nevada, 2001 -2002

2002	Alfalfa Hay			All Other Hay			All Hay
County	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Carson City	1000	3.0	3,000	300	2.0	600	3,600
Churchill	29,000	5.0	146,000	4,000	2.5	10,000	156,000
Douglas	7,000	4.4	31,000	7,000	2.3	16,000	47,000
Humboldt	54,000	4.4	237,000	39,000	1.5	60,000	297,000
Lyon	38,000	5.0	190,000	3,000	3.7	11,000	201,000
Pershing	20,900	3.8	79,500	1,000	1.1	11,000	80,600
Storey	100	5.0	500	100	3.0	300	800
Washoe	12,000	4.4	53,000	5,600	1.8	10,000	63,000
Northwest	162,000	4.6	740,000	60,000	1.8	109,000	849,000
Elko	18,000	2.9	53,000	122,000	1.3	162,000	215,000
Eureka	16,000	4.7	75,000	10,000	2.8	28,000	103,000
Lander	19,000	4.4	83,000	7,000	1.6	11,000	94,000
White Pine	17,000	3.2	55,000	4,000	3.0	12,000	67,000
Northeast	70,000	3.8	266,000	143,000	1.5	213,000	479,000
Clark	5,000	6.0	30,000	1,000	3.0	3,000	33,000
Esmeralda	8,000	4.3	34,000	500	2.0	1,000	35,000
Lincoln	14,000	4.6	65,000	2,000	2.5	5,000	70,000
Mineral	3,000	3.0	9,000	500	2.0	1,000	10,000
Nye	13,000	3.0	39,000	3,000	1.3	4,000	43,000
South	43,000	4.1	177,000	7,000	2.0	14,000	191,000
State	275,000	4.3	1,183,000	210,000	1.6	336,000	1,519,000

2001	Alfalfa Hay			All Other Hay			All Hay
County	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Carson City	400	4.0	1,600	200	3.5	700	2,300
Churchill	29,000	4.8	140,000	4,000	4.8	19,000	159,000
Douglas	4,000	4.3	17,000	7,000	1.9	13,000	30,000
Humboldt	56,000	4.1	230,000	36,000	2.0	73,000	303,000
Lyon	43,000	5.1	220,000	6,000	3.5	21,000	241,000
Pershing	26,000	4.6	119,000	8,000	3.9	31,000	150,000
Storey	100	4.0	400	100	3.0	300	700
Washoe	14,500	4.8	69,000	3,700	1.4	5,000	74,000
Northwest	173,000	4.6	797,000	65,000	2.5	163,000	960,000
Elko	23,000	2.8	64,000	126,000	1.2	157,000	221,000
Eureka	16,000	4.7	75,000	9,000	1.4	13,000	88,000
Lander	13,000	4.8	62,000	13,000	2.2	28,000	90,000
White Pine	15,000	3.9	58,000	4,000	2.5	10,000	68,000
Northeast	67,000	3.9	259,000	152,000	1.4	208,000	467,000
Clark	2,000	6.0	12,000	1,000	2.0	2,000	14,000
Esmeralda	6,000	6.0	36,000	500	2.0	1,000	37,000
Lincoln	7,000	5.4	38,000	3,000	1.7	5,000	43,000
Mineral	3,000	4.0	12,000	500	2.0	1,000	13,000
Nye	7,000	5.6	39,000	8,000	1.4	11,000	50,000
South	25,000	5.5	137,000	13,000	1.5	20,000	157,000
State	265,000	4.5	1,193,000	230,000	1.7	391,000	1,584,000

NEVADA ALFALFA HAY BALES: Trucked into California, 1997-2002 ^{1/2}

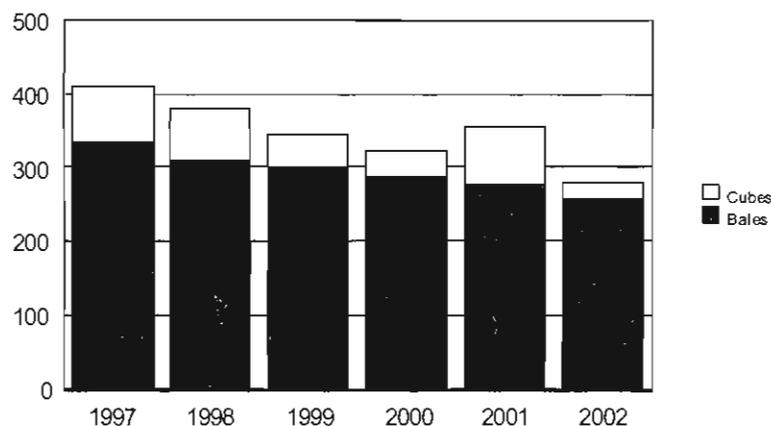
Month	1997	1998	1999	2000	2001	2002 ^{1/2}
----- Tons -----						
January	39,209	21,505	23,908	34,764	26,447	^{1/2}
February	35,144	22,092	24,177	28,755	23,965	
March	25,519	37,918	31,159	32,596	8,541	
April	12,456	28,812	25,585	21,646	28,110	
May	6,166	19,629	17,372	14,964	11,230	
June	16,401	21,940	19,143	23,691	17,001	
July	28,087	33,182	31,164	26,108	25,818	
August	8,040	28,299	24,563	10,882	27,055	
September	27,005	25,369	25,120	24,532	22,032	
October	65,244	27,393	24,557	26,378	24,343	
November	36,141	26,826	25,504	14,557	30,310	
December	38,047	18,392	30,003	32,432	32,659	
Total	337,458	311,357	302,255	291,305	277,511	261,937

NEVADA ALFALFA HAY CUBES: Trucked into California 1997-2002 ^{1/2}

Month	1997	1998	1999	2000	2001	2002 ^{1/2}
----- Tons -----						
January	6,811	3,415	2,813	5,157	1,026	^{1/2}
February	5,193	4,727	4,008	4,025	36,747	
March	5,636	5,980	4,047	3,385	19,364	
April	3,988	4,904	4,955	1,305	2,231	
May	4,113	6,463	2,882	1,035	2,001	
June	3,183	5,655	3,886	10,716	2,746	
July	9,771	3,686	701	1,295	1,307	
August	3,923	4,878	3,945	1,548	1,525	
September	6,214	4,296	3,372	1,669	2,179	
October	14,148	4,169	4,414	738	4,567	
November	5,960	4,129	5,366	1,498	2,054	
December	6,731	18,391	4,231	764	2,431	
Total	75,671	70,693	44,620	33,135	78,178	18,879

^{1/} Source: California Market Summary, USDA-Agricultural Marketing Service, Livestock and Grain Market News; 1428 S. Pioneer way, Moses Lake WA, 98837; compiled from border station reports. ^{2/} Monthly data not available, only the annual totals.

Alfalfa Hay Trucked Into California from Nevada, Bales and Cubes, in Tons, 1996-2001



ALFALFA SEED: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

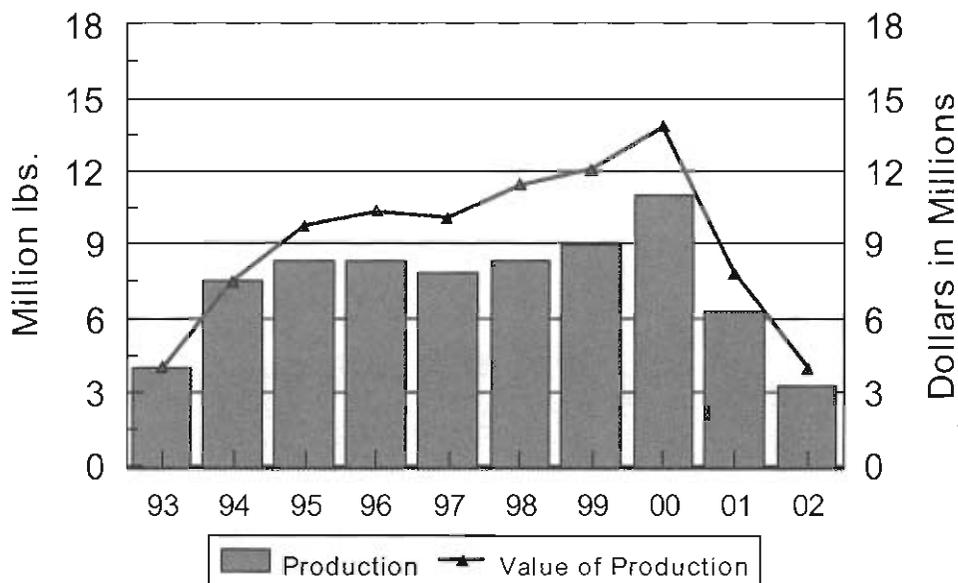
Year	Acres		Production		Value	
	Harvested	Yield Per Acre	Total	Season Average Price	Value of Production	
	Actual Acres	Lbs.	000 Lbs.	\$ Per Lb.	000\$'s	
1993	9,500	425	4,038	1.00	4,038	
1994	11,000	680	7,480	1.00	7,480	
1995	12,000	690	8,280	1.18	9,770	
1996	13,000	640	8,320	1.25	10,400	
1997	12,000	650	7,800	1.30	10,140	
1998	13,500	620	8,370	1.37	11,467	
1999	13,000	690	8,970	1.35	12,109	
2000	14,500	765	11,093	1.25	13,866	
2001	9,500	660	6,270	1.25	7,838	
2002	6,000	550	3,300	1.20	3,960	

ALFALFA SEED: Acreage, Yield, Production, by County, Nevada, 2001-2002

County	2001			2002		
	Harvested	Yield Per Acre	Production of Clean Seed	Harvested	Yield Per Acre	Production of Clean Seed
	Acres	Lbs.	000 Lbs.	Acres	Lbs.	000 Lbs.
Humboldt	6,500	680	4,355	4,200	610	2,562
Pershing	2,600	620	1,610	1,600	400	640
All Other ^{/1}	400	600	240	200	490	98
State	9,500	660	6,270	6,000	550	3,300

/1 All other counties combined

Alfalfa Seed
Production and Value, 1993-2002



ONIONS: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	Acres	Acres	Tons	Tons	\$ Per Ton	000\$'s
1993	1,000	1,000	28	28,000	540.00	15,120
1994	1,500	1,500	21	31,500	280.00	8,820
1995	1,900	1,900	23	43,700	260.00	11,362
1996	1,900	1,900	29	55,100	290.00	15,979
1997	1,800	1,700	27	45,900	290.00	13,311
1998	2,100	2,100	22	46,200	280.00	12,938
1999	3,200	2,800	28	78,400	170.00	13,328
2000	3,300	3,300	23	75,900	310.00	23,529
2001	2,900	2,900	23	66,700	240.00	16,008
2002	3,300	3,300	28	92,400	260.00	24,024



Nevada onions are produced for both fresh market use and dehydration. Nevada grown garlic is used primarily for seed, although some is also dehydrated. Most of the acreage planted to these crops is located in Lyon, Washoe, and Humboldt counties.

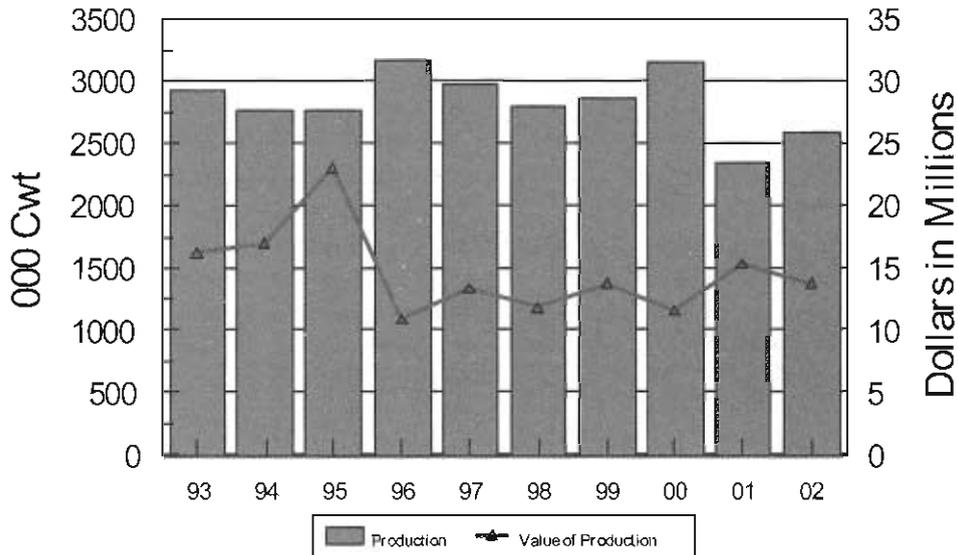
GARLIC: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	Acres	Acres	Tons	Tons	\$ Per Ton	000\$'s
1993	800	800	8.0	6,400	310.00	1,984
1994	1,650	1,650	7.5	12,375	295.00	3,651
1995	1,650	1,650	7.7	12,705	350.00	4,447
1996	1,800	1,800	7.9	14,220	370.00	5,261
1997	2,100	2,100	7.5	15,750	330.00	5,198
1998	2,300	2,300	7.2	16,560	310.00	5,134
1999	2,600	2,600	6.5	16,900	300.00	5,070
2000	2,300	2,200	7.5	16,500	340.00	5,610
2001	1,400	1,400	6.2	8,680	340.00	2,958
2002	1,100	1,100	8.5	9,350	400.00	3,740

POTATOES: Acreage, Yield, Production, Price and Value, Nevada, 1993-2002

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
	Actual Acres		Cwt.	000 Cwt.	\$ Per Cwt.	000 \$'s
1993	7,700	7,700	380	2,926	5.60	16,386
1994	8,000	8,000	345	2,760	6.15	16,974
1995	7,600	7,600	365	2,774	8.30	23,024
1996	8,000	7,900	400	3,160	3.45	10,902
1997	7,000	6,900	430	2,967	4.50	13,352
1998	7,000	7,000	400	2,800	4.25	11,900
1999	6,500	6,500	440	2,860	4.80	13,728
2000	7,000	7,000	450	3,150	3.70	11,655
2001	6,500	6,500	360	2,340	6.55	15,327
2002	7,600	7,600	340	2,584	5.35	13,824

Potatoes
Production and Value, 1993-2002



ALL MINT: Acreage, Production, Price, and Value, Nevada, 1998-2002 ^{1/}

Year	Acres Harvested	Yield per Acre	Production	Season Average Price	Value of Production
	Actual Acres	--- Pounds ---		\$ per Pound	000 \$'s
1998	1,600	107	171,200	10	1,712
1999	1,400	73	102,200	11	1,124
2000	1,400	90	126,200	10	1,262
2001	1,800	80	144,000	11	1,584
2002	1,800	79	142,200	11	1,564

^{1/} 1997 is the first year of publication for this commodity. Value of mint oil production was previously included in cash receipts for "all other crops" estimates.

LIVESTOCK IN NEVADA

Over 80% of the land area in Nevada is federally controlled public land. Much of this area is arid rangeland with limited potential for use. The grazing of range livestock has historically been and continues to be the most efficient means of harvesting rangeland grasses, a renewable resource. Cattle are the most common agricultural enterprise in Nevada and can be found on over half of the farms and ranches in the State. Sheep numbers have trended downward for several decades, but they remain a viable alternative on many ranges.

CATTLE AND CALVES: Inventory, January 1, 2002-2003 ^{/1}

Class of Livestock	Nevada			United States		
	2002	2003	'03 as % of '02	2002	2003	'03 as % of '02
	--- 000 Head ---		Pct.	--- 000 Head ---		Pct.
All Cattle and Calves	500	510	102	96,704	96,106	99
All Cows that have calved	265	270	102	42,209	42,099	100
Beef Cows	240	245	102	33,100	32,947	99
Milk Cows	25	25	100	9,109	9,152	100
Heifers 500 Lbs. +	92	92	100	19,678	19,602	100
Beef Replacement	44	46	104	5,561	5,608	101
Milk Replacement	10	11	110	4,060	4,104	101
Other Heifers	38	35	92	10,057	9,890	98
Steers 500 Lbs. +	50	52	104	16,800	16,590	99
Bulls 500 Lbs. +	15	16	107	2,244	2,253	100
Calves Under 500 Lbs. +	78	80	103	15,773	15,563	9
Inventory Value (000\$)	380,000	382,500	101	72,283,865	69,785,870	99
Value Per Head (\$'s)	760	750	99	747	726	100

^{/1} Sum of classes may not add to total due to rounding.

CATTLE AND CALVES: Inventory, Supply and Disposition, Nevada, 1993-2003

Year	Cattle Jan. 1	All Calves Born	Inship-ments	Marketings		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
----- 000 Head -----								
1993	500	225	35	150	100	2	6	12
1994	490	220	47	137	100	2	6	12
1995	500	220	39	139	100	2	6	12
1996	500	220	47	128	99	2	6	12
1997	520	220	38	146	101	2	6	13
1998	510	220	50	148	101	2	6	13
1999	510	230	55	153	101	2	6	13
2000	520	230	55	163	101	2	6	13
2001	520	225	67	200	91	2	6	13
2002	500	220	57	170	76	2	6	13
2003	510	/1	/1	/1	/1	/1	/1	/1

/1 Data has not been released.

CATTLE AND CALVES: Production and Income, Nevada, 1993-2002

Year	Production	Marketings	Value of Production	Cash Receipts /1	Value Home Consumption	Gross Income
	----- 000 Lbs -----		----- 000\$'s -----			
1993	164,275	189,000	121,565	141,431	1,771	143,202
1994	152,915	176,000	113,009	130,640	1,748	132,388
1995	151,255	178,000	86,748	102,436	1,360	103,796
1996	154,715	166,000	74,089	81,017	1,150	82,167
1997	152,860	185,400	92,246	112,287	1,434	113,721
1998	153,700	187,000	94,333	114,870	1,762	116,632
1999	168,600	192,000	117,250	134,456	2,010	136,466
2000	170,550	202,000	141,061	167,758	2,414	170,172
2001	176,140	235,000	146,911	192,470	2,412	194,882
2002	171,090	119,000	123,866	142,471	2,097	144,568

¹ Receipts from marketings and sale of farm slaughter.

CATTLE AND CALVES: Inventory, January 1, by County, Nevada, 1998-2003

County & District	1998	1999	2000	2001	2002	2003
	----- Number of Head -----					
Carson City	1,200	1000	700	700	700	700
Churchill	41,000	40,000	39,000	38,000	38,000	43,000
Douglas	19,000	19,000	19,000	20,000	20,000	15,000
Humboldt	63,000	66,000	67,000	70,000	66,000	66,000
Lyon	44,000	40,000	40,000	41,000	37,000	35,000
Pershing	29,000	29,000	28,000	28,000	26,000	25,000
Storey	300	300	300	300	300	300
Washoe	24,500	24,000	24,000	26,000	26,000	25,000
Northwest	222,000	219,000	218,000	224,000	214,000	211,000
Elko	159,000	164,000	165,000	170,000	169,000	165,000
Eureka	23,000	24,000	24,000	22,000	22,000	18,000
Lander	21,000	20,000	19,000	17,000	11,000	24,000
White Pine	26,000	25,000	25,000	24,000	24,000	27,000
Northeast	229,000	233,000	233,000	233,000	226,000	234,000
Clark	11,000	10,000	10,000	11,000	10,000	9,000
Esmeralda	6,000	6,000	7,000	7,000	6,000	7,000
Lincoln	15,000	15,000	15,000	16,000	16,000	16,000
Mineral	5,000	5,000	4,000	4,000	4,000	3,000
Nye	22,000	22,000	23,000	25,000	24,000	30,000
South	59,000	58,000	59,000	63,000	60,000	66,000
State	510,000	510,000	510,000	520,000	500,000	510,000

CATTLE AND CALVES: Number on Feed, January 1, Nevada, 1998-2003

Item	1998	1999	2000	2001	2002	2003	2003 as % of 2002
	----- Thousand Head -----						- Percent -
Number on Feed for Slaughter	24	16	21	25	20	60	12

COMMERCIAL CATTLE SLAUGHTER: Nevada, 1992-2001 ^{1/1} ^{2/2}

Year	Head ^{2/2}	Live weight	
		Average	Total
	#	Lbs.	000 Lbs.
1992	1,400	1,069	1,461
1993	1,300	1,092	1,425
1994	1,200	1,128	1,354
1995	1,200	1,082	1,292
1996	1,500	1,038	1,004
1997	1,300	1,040	1,316
1998	1,000	1,057	1,028
1999	1,000	1,034	1,034
2000	1,100	1,008	1,079
2001	1,100	1,076	1,131

Livestock slaughter is very limited in Nevada. During 2001, there were only three slaughter plants operating in the State. Statistics on slaughter are no longer printed at the request of the operations to avoid disclosure of individual firm information.

^{1/1} Publication ceased in 2002

^{2/2} Rounded to the nearest 100.



SHEEP AND LAMBS: Inventory, January 1, 2002-2003 /1

Class of Livestock	Nevada			United States		
	2002	2003	03 as % of 02	2002	2003	03 as % of 02
	--- 000 Head ---		Pct.	--- 000 Head ---		Pct.
All Sheep and Lambs	100	95	95	6,685.0	6,350.0	95
All Market Sheep & Lambs	15	13	87	1,772.0	1,668.0	94
Market Sheep	1	1	100	71.6	72.8	102
Market Lambs	14	12	86	1,700.4	1,595.2	94
All Breeding Sheep & Lambs	85	82	96	4,913.0	4,682.0	95
Breeding Ewes 1 year & older	69	65	94	3,980.0	3,789.0	95
Breeding Rams 1 year & older	2	2	100	199.5	191.5	96
Breeding Replacement Lambs	14	15	107	733.5	701.5	109
Inventory Value (000\$)	9,100	10,640	117	657,663	618,123	106
Value Per Head (\$'s)	91	112	123	104	92	113

/1 Sum of classes may not add to total due to rounding.

SHEEP AND LAMBS: Inventory, Supply and Disposition, Nevada, 1993 -2003

Year	Sheep & Lambs Jan. 1 /1	Lamb Crop	Inshipments	Marketings		Farm Slaughter	Deaths	
				Sheep	Lambs		Sheep	Lambs
----- 000 Head -----								
1993	91	63	24	3.5	61.0	1.5	8	14
1994	91	62	24	10.0	41.0	1.5	8	13
1995	103	60	24	9.5	42.5	1.5	8	13
1996	93	58	24	13.5	49.0	1.5	7	13
1997	91	56	22	17.0	44.0	1.0	7	12
1998	88	57	21	16.0	45.0	1.0	7	12
1999	85	58	32	11.0	53.0	1.0	7	13
2000	90	65	32	3.0	65.0	1.0	8	15
2001	95	63	18	7.0	45.0	1.0	8	15
2002	100	62	18	1.3	48.0	1.0	8	15
2003	95	/2	/2	/2	/2	/2	/2	/2

/1 Includes new crop lambs beginning in 1996.

/2 Data has not been released.



SHEEP AND LAMBS: Production and Income, Nevada, 1993-2002

Year	Production	Marketings	Value of Production	Cash Receipts ^{1/}	Value Home Consumption	Gross Income
	----- 000 Lbs. -----		----- 000 \$'s -----			
1993	4,248	5,995	2,059	3,013	100	3,113
1994	4,293	5,345	1,785	2,229	97	2,326
1995	3,928	7,105	2,791	4,558	140	4,698
1996	4,148	6,615	2,655	4,257	155	4,412
1997	2,666	5,066	1,769	3,492	143	3,635
1998	2,600	4,860	1,583	2,861	117	2,978
1999	3,080	5,190	2,022	3,271	119	3,390
2000	3,860	5,650	2,189	3,997	123	4,120
2001	3,130	4,230	2,045	2,681	115	2,796
2002	2,555	4,905	1,944	3,128	124	3,252

^{1/} Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Inventory, January 1, by County, Nevada, 1998-2003 ^{1/}

County & District	1998	1999	2000	2001	2002	2003
	----- Actual Numbers -----					
Carson City	500	500	500	1,000	1,000	^{1/}
Douglas	1,000	1,000	1,000	1,000	1,000	1,000
Humboldt	7,000	8,000	7,000	8,000	8,500	18,000
Lyon	12,000	12,000	12,000	11,000	12,000	16,000
Pershing	11,000	8,000	9,000	10,000	9,000	5,800
Washoe	8,000	7,000	11,000	10,000	10,500	5,700
Other Counties	500	500	500	500	500	1,500
Northwest	40,000	37,000	41,000	41,500	42,500	47,500
Elko	23,000	21,000	20,000	21,000	25,000	20,200
Eureka	11,000	12,500	12,500	14,000	13,000	13,000
Lander	4,000	5,000	5,000	6,000	5,000	3,000
White Pine	8,000	8,000	10,000	11,000	12,000	21,000
Northeast	46,000	46,500	47,500	52,000	55,000	46,000
Other Counties	2,000	1,500	1,500	1,500	2,500	2,000
South	2,000	1,500	1,500	1,500	2,500	2,000
State	88,000	85,000	90,000	95,000	100,000	100,000

^{1/} Included in Combined Counties

WOOL PRODUCTION AND VALUE: Nevada, 1993-2002

Year	Sheep Shorn	Weight Per Fleece	Wool Production	Price per Pound	Value
	000 Head	Lbs.	000 Lbs.	\$'s	000 \$'s
1993	73	9.5	697	.74	516
1994	74	9.8	722	.73	527
1995	74	9.2	680	1.08	734
1996	70	9.6	669	.69	462
1997	70	8.9	620	.90	558
1998	67	9.1	607	.58	352
1999	74	9.1	670	.33	221
2000	72	9.1	655	.28	183
2001	71	8.7	620	.44	273
2002	65	9.1	590	.85	502

HOGS AND PIGS: Inventory, December 1, 2001-2002 /1

Class of Livestock	Nevada			United States		
	2001	2002	'02 as % of '01	2001	2002	'02 as % of '01
	--- 000 Head ---		Pct.	--- 000 Head ---		Pct.
All Hogs and Pigs	7.0	7.5	93	59,138	58,774	99
Breeding	1	1	100	6,270	6,209	99
Market	6.0	6.5	92	52,868	52,564	99
Inventory Value (000\$)	700	598	93	4,584,912	4,201,483	101
Value Per Head (\$'s)	100	92	100	77	71	100

/1 Sum of classes may not add to total due to rounding.

HOGS AND PIGS: Inventory, Supply and Disposition, Nevada, 1993-2003

Year	Hogs & Pigs Dec. 1 /1	Pig Crop	Inshipments	Farm Marketings	Farm Slaughter	Deaths
		Dec- Nov /1				
----- Actual Number -----						
1993	10,000	17,300	3,500	19,500	300	1,500
1994	9,000	18,600	5,200	21,500	300	2,000
1995	9,000	17,800	4,000	22,000	300	2,000
1996	7,000	15,000	4,000	18,200	300	1,500
1997	6,500	20,000	3,000	20,700	300	1,000
1998	7,500	20,000	3,000	12,200	300	1,000
1999	7,500	1,000	4,000	13,000	300	500
2000	7,500	9,800	8,500	17,500	300	500
2001	7,500	6,600	3,000	9,300	300	500
2002	7,000	6,600	3,500	9,800	300	500
2003	6,500	/2	/2	/2	/2	/2

/1 December 1st of preceding year. /2 Data has not been released.

HOGS AND PIGS: Production and Income, Nevada, 1993-2002

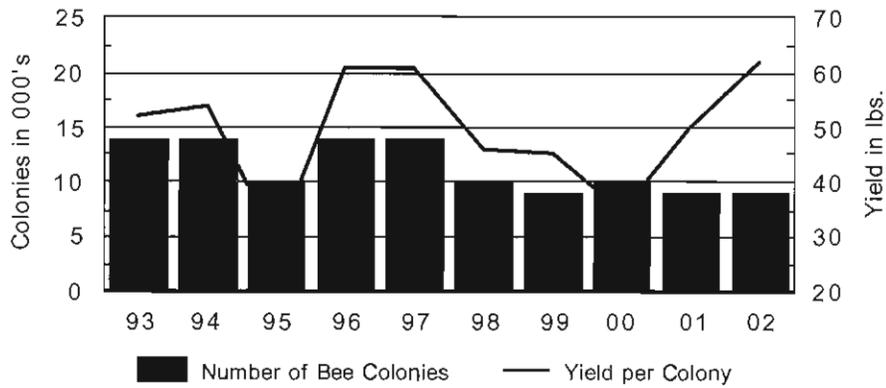
Year	Production	Marketings	Value of Production	Cash Receipts /1	Value Home Consumption	Gross Income
----- 000 Lbs. -----			----- 000 \$'s -----			
1993	3,689	4,028	1,546	1,769	33	1,802
1994	4,581	4,682	1,764	1,837	26	1,863
1995	4,406	4,792	1,657	1,833	25	1,858
1996	3,748	3,956	1,918	2,021	34	2,055
1997	4,454	4,608	2,375	2,446	36	2,482
1998	2,698	2,755	800	821	21	842
1999	2,709	2,876	945	982	23	1,005
2000	3,440	3,888	1,359	1,524	26	1,550
2001	1,885	2,043	791	849	28	877
2002	1,997	2,156	663	716	22	838

/1 Receipts from marketings and sale of farm slaughter.

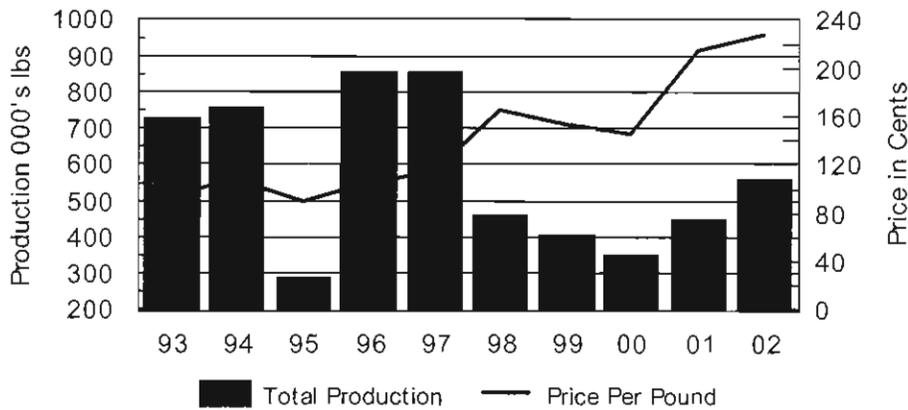
HONEY: Production and Value, Nevada, 1993-2002

Year	Colonies of Bees	Yield Per Colony	Total Production	Average Price Per Pound	Value of Production	Honey Stocks Dec. 15
	000	Lbs.	000 Lbs.	Cents	000 \$'s	000 Lbs.
1993	14	52	728	95	692	328
1994	14	54	756	108	816	174
1995	10	29	290	90	261	38
1996	14	61	854	105	897	68
1997	14	61	854	114	974	171
1998	10	46	460	165	759	175
1999	9	45	405	154	624	271
2000	10	35	350	145	508	95
2001	9	50	450	214	963	36
2002	9	62	558	227	1,267	61

Honey Bee Colonies and Yield per Colony
1993-2002



Honey Production and Prices
1993-2002



MILK COWS & PRODUCTION OF MILK & MILKFAT, Nevada, 1993-2002

Year	Number of Milk Cows ^{/1}	Production of Milk and Milkfat ^{/2}				
		Per Milk Cow		Percentage of Fat in All Milk Production	Total	
		Milk	Milkfat		Milk	Milkfat
	- 1,000 Head -	- Pounds -		- Percent -	- Million Lbs. -	
1993	20.0	17,400	619	3.56	348	12.6
1994	23.0	17,356	661	3.60	313	12.4
1995	24.0	18,128	653	3.60	426	14.9
1996	25.0	18,800	675	3.59	470	15.3
1997	26.0	18,346	659	3.59	477	16.9
1998	26.0	18,308	693	3.59	502	17.1
1999	25.0	18,240	642	3.52	456	18.0
2000	25.0	19,040	672	3.53	476	16.1
2001	25.0	19,400	689	3.55	485	16.8
2002	25.0	19,400	693	3.57	485	17.2

^{/1} Average number during year, excludes heifers not yet fresh.

^{/2} Excludes milk sucked by calves.



MILK: Utilization & Returns, Nevada, 1993-2002

Year	Milk Used on Farms ^{/1}	Sold to Plants or Dealers ^{/2}	Average Returns		Cash Receipts From Marketing
			Per Cwt Milk	Per Lb Milkfat	
	- Million Pounds -		- Dollars -		- 1,000 Dollars -
1993	5	343	12.30	3.46	42,189
1994	7	406	12.50	3.47	50,750
1995	5	421	12.00	3.33	50,520
1996	5	465	13.40	3.73	60,310
1997	6	471	11.00	3.31	56,049
1998	5	497	13.80	3.84	68,586
1999	6	450	13.60	3.86	61,200
2000	6	470	11.00	3.12	51,700
2001	6	479	13.00	3.66	62,270
2002	6	479	10.70	3.00	51,253

^{/1} Includes milk fed to calves or used for milk, cream, or butter on the farm.

^{/2} Includes any milk produced by dealers own herds and equivalent amounts of milk for cream sold to plants and dealers.

ALL MILK PRICES: Milk Sold by Farmers, by Month, Nevada 1998-2002

Month	All Milk Price Per Cwt.				
	1998	1999	2000	2001	2002
	-----\$'s-----				
January	13.40	17.40	14.10	9.70	12.40
February	13.60	17.10	13.80	10.10	12.20
March	13.60	14.10	11.40	10.50	11.80
April	12.70	14.10	11.40	11.50	10.60
May	13.00	11.10	9.00	12.10	10.60
June	12.30	11.60	9.40	13.70	10.60
July	12.90	11.50	9.30	14.70	9.80
August	13.20	12.20	9.90	15.10	9.10
September	14.40	12.70	10.30	15.40	9.60
October	15.30	14.60	11.80	16.10	10.00
November	15.90	13.40	10.80	14.90	12.30
December	17.00	13.10	10.60	11.70	10.30
Annual	13.80	13.30	11.00	13.00	10.70

MILK: Cows Milked, Production per Cow, Total Production, by Quarter, Nevada, 2000-02

Quarter	Cows Milked ^{/1}			Milk Per Cow ^{/2}			Milk Production ^{/2}		
	2000	2001	2002	2000	2001	2002	2000	2001	2002
	----- 000's -----			----- Lbs. -----			----- Millions Lbs. -----		
Jan. - Mar.	25.0	25.0	25.0		4,860	4,700	115.0	119.0	118.0
Apr. - Jun.	25.0	25.0	25.0		4,960	4,900	118.0	124.0	123.0
Jul. - Sept.	25.0	25.0	25.0		4,880	4,900	123.0	122.0	123.0
Oct. - Dec.	25.0	25.0	25.0		4,800	5,000	120.0	120.0	125.0
Annual	25.0	25.0	25.0	19,040	19,400	19,500	476.0	485.0	489.0

^{/1} Excludes heifers not yet fresh.

^{/2} Excludes milk sucked by calves.

MILK COWS AND PRODUCTION: By County, Nevada, 2001-2002 ^{/1}

County	2001			2002		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	#	Lb.	Million Lb..	#	Lb.	Million Lb.
Churchill	9,700	19,600	190.1	9,700	19,600	190.1
Clark	3,700	20,100	74.4	3,700	20,100	74.4
Douglas	700	18,800	13.2	700	18,800	13.2
Lyon	1,900	19,500	37.1	1,900	19,500	37.1
Nye	8,400	19,400	163.0	8,400	19,400	163.0
All Other Counties	600	12,000	7.2	600	12,000	7.2
State	25,000	19,400	485.0	25,000	19,400	485.0

^{/1} Totals may not add due to rounding.

AVERAGE PER ACRE VALUE OF FARM REAL ESTATE:

By Region and State, January 1, 1999-2003^{1/2}

State	1999	2000	2001	2002	2003	% Change 2002-2003
	----- Dollars -----					Percent
Northeast:	2,370	2,470	2,640	2,810	2,950	5.0
Connecticut	6,300	6,600	6,900	7,300	7,700	5.5
Delaware	2,750	2,850	2,830	2,950	3,200	8.5
Maine	1,200	1,210	1,300	1,400	1,450	3.6
Maryland	3,300	3,500	3,800	4,000	4,200	5.0
Massachusetts	5,500	5,900	6,000	7,200	7,700	6.9
New Hampshire	2,250	2,300	2,400	2,600	2,700	3.8
New Jersey	7,000	7,100	7,400	8,000	8,500	6.3
New York	1,340	1,410	1,500	1,600	1,650	3.1
Pennsylvania	2,500	2,620	2,840	2,950	3,100	5.1
Rhode Island	6,500	6,500	6,700	* 7,200	7,700	6.9
Vermont	1,570	1,640	1,750	1,900	2,000	5.3
Lake States:	1,390	1,490	1,690	* 1,850	1,990	7.6
Michigan	1,850	2,100	2,250	2,500	2,700	8.0
Minnesota	1,230	1,270	1,320	1,450	1,550	6.9
Wisconsin	1,370	1,500	2,000	* 2,150	2,300	7.0
Corn Belt:	1,830	1,840	2,020	2,190	2,290	4.6
Illinois	2,250	2,220	2,450	2,640	2,770	4.9
Indiana	2,220	2,210	2,450	* 2,600	2,750	5.8
Iowa	1,770	1,750	1,860	1,980	2,050	3.5
Missouri	1,130	1,190	1,380	1,520	1,600	5.3
Ohio	2,220	2,250	2,400	2,700	2,800	3.7
Northern Plains:	510	526	547	573	594	3.7
Kansas	580	590	605	620	620	0.0
Nebraska	670	695	725	* 765	800	4.6
North Dakota	406	415	425	440	460	4.5
South Dakota	360	380	405	440	470	6.8
Appalachian:	1,840	1,940	2,150	* 2,260	2,420	7.1
Kentucky	1,530	1,590	1,770	1,850	2,000	8.1
North Carolina	2,250	2,400	2,800	2,900	3,100	6.9
Tennessee	1,950	2,100	2,240	* 2,350	2,500	6.4
Virginia	2,040	2,130	2,300	2,490	2,630	5.6
West Virginia	1,070	1,060	1,220	1,370	1,470	7.3
Southeast:	1,770	1,920	2,100	2,260	2,420	7.1
Alabama	1,520	1,680	1,800	1,900	2,000	5.3
Florida	2,260	2,400	2,570	2,800	3,000	7.1
Georgia	1,630	1,800	2,100	2,300	2,500	8.7
South Carolina	1,520	1,600	1,650	1,700	1,800	5.9
Delta States:	1,180	1,230	1,270	1,330	1,400	5.3
Arkansas	1,220	1,250	1,300	1,370	1,470	7.3
Louisiana	1,210	1,250	1,270	1,310	1,350	3.1
Mississippi	1,100	1,180	1,220	1,300	1,350	3.8
Southern Plains:	613	631	640	718	748	4.2
Oklahoma	625	634	640	710	740	4.2
Texas	610	630	640	720	750	4.2
Mountain:	426	440	486	* 508	526	3.5
Arizona	1,070	1,140	1,300	1,520	1,600	5.3
Colorado	630	640	695	710	730	2.8
Idaho	1,090	1,170	1,210	* 1,240	1,280	3.2
Montana	296	300	375	* 385	400	3.9
Nevada	420	440	460	* 470	480	2.1
New Mexico	217	215	224	* 225	230	2.2
Utah	855	900	975	1,050	1,100	4.8
Wyoming	220	235	260	285	300	5.3
Pacific:	1,870	1,890	1,940	* 2,050	2,120	3.4
California	2,770	2,850	2,910	3,100	3,200	3.2
Oregon	1,000	1,020	1,050	1,100	1,150	4.5
Washington	1,190	1,150	1,190	* 1,230	1,270	3.3
48 States	1,020	1,050	1,130	1,210	1,270	5.0

^{1/1} Value of farmland and buildings.

^{1/2} Excludes Native American Reservation Land

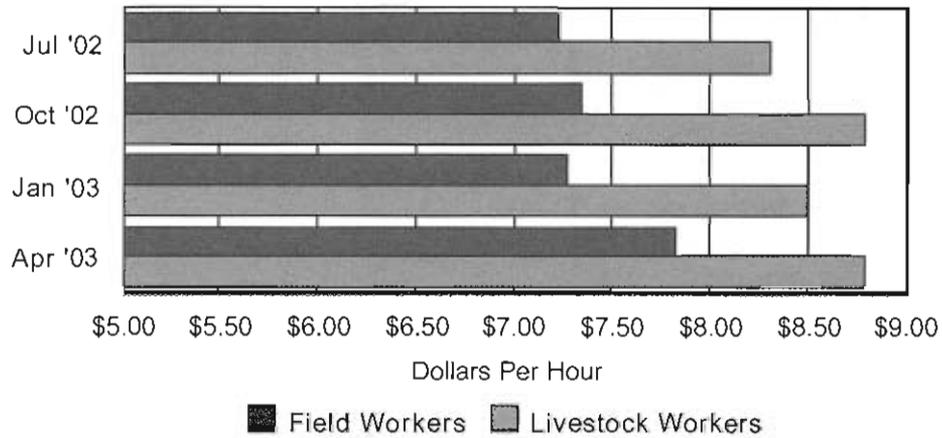
FARM LABOR AND WAGE RATES:

Mountain II Region, July 2002, October 2002, January 2003 and April 2003 ^{/1}

	July 7-13 2002	October 6-12 2002	January 12- 18 2003	April 6-12 2003
	----- Workers on Farms (000) ^{/2} -----			
All Hired Workers	19	16	20	22
	----- Hours Worked per Worker ^{/2} -----			
All Hired Workers	41.6	35.7	39.7	39.1
	----- Type of Work - Dollars per Hour ^{/2} -----			
Field Workers	7.23	8.31	9.15	8.32
Livestock Workers	7.35	8.79	8.73	8.86
Field and Livestock Workers	7.27	8.50	8.85	8.60
Wage rates for all workers	7.82	8.79	9.66	9.43

^{/1} Mountain II Region consists of Colorado, Nevada and Utah. ^{/2} Excludes Agricultural service workers.

Labor Wage Rates
Mountain II Region, July 2002-April 2003



2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted by the 2001 Custom Applicator licensees. Its accuracy is based on these monthly reports, and the data therein does not constitute approval or recommendations by the Nevada State Division of Agriculture or the Nevada Agricultural Statistics Service. This is not a complete summary in that it only contains the chemicals applied by custom applicators. It does not include chemical applications by individual farmers and ranchers who may apply chemicals on their own operations.

ALFALFA

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,4-DB 200	WEEDS	54.00
ATRAPA 5E	GRASSHOPPER	230.00
ATRAPA 5E	WEEVIL	160.00
BOA	WEEDS	1,284.20
BUCTRIL	WEEDS	256.10
BUTOXONE 200	WEEDS	140.00
BUTOZONE 7500	WEEDS	255.40
BUTYRAC 200	WEEDS	1,155.60
BUTYRAC 7500	WEEDS	127.00
DECLARE	CRICKETS	40.00
DECLARE	THRIP/WEEVIL	250.00
DIGON 400	APHID	5,143.00
DIGON 400	APHID/THRIP	20.00
DIGON 400	APHID/WEEVIL	1,407.10
DIMETHOATE 400	APHID	1,153.00
DIMETHOATE 400	APHID/THRIP	20.00
DIMETHOATE 400	GRASSHOPPERS	180.00
DIMETHOATE 4EC	APHID	910.00
DIMETHOATE 4EC	APHID/THRIP	401.20
DIMETHOATE 4EC	APHID/WEEVIL	480.00
DIMETHOATE 4EC	CRICKETS	60.00
DIMETHOATE 4EC	GRASSHOPPERS	1,025.00
DIMETHOATE 4EC	MITES	125.00
DIMETHOATE 4EC	MORMON CRICKETS	160.00
DIMETHOATE 4EC	THRIP	3,581.70
DIMETHOATE 4EC	WEEVIL	1,625.00
DIMILIN 2L	GRASSHOPPERS	50.00
DIREX 4L DIURON	WEEDS	264.80
FURADAN 4F	APHID/THRIP	20.00
FURADAN 4F	APHID/WEEVIL	480.00
FURADAN 4F	GRASSHOPPERS	373.00
FURADAN 4F	WEEVIL	1,354.00
GRAMOXONE EXTRA	WEEDS	3,419.00
GRAMOXONE MAX	WEEDS	7,684.50
LORSBAN 4E	APHID/THRIP	375.00
LORSBAN 4E	GRASSHOPPERS	660.00
LORSBAN 4E	WEEDS	250.00
MICROTHIOL	MITES	125.00
MUSTANG 1.5 EW	APHID	375.00
MUSTANG 1.5 EW	THRIP	125.00
PROWL 3.3 EC	WEEDS	100.00
PURSUIT W	WEEDS	2,138.20
PURSUIT W DG	WEEDS	3,839.70
PYRONYL	GRASSHOPPERS	50.00
RAPTOR	WEEDS	2,728.00
RIDOMIL GOLD	WILT	246.00
ROUNDUP ULTRA	WEEDS	10.00
ROUNDUP ULTRAMAX	ALFALFA	145.00
ROUNDUP ULTRAMAX	WEEDS	62.00
SELECT 2 EC	GRAIN	135.00
SELECT 2 EC	WEEDS	4,624.10

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

ALFALFA continued

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
SENCOR 4F	WEEDS	4,143.10
SEVIN BRAND XLR PLUS	CRICKETS	235.00
SEVIN BRAND XLR PLUS	GRASSHOPPERS	80.00
VELPAR L	WEEDS	15,156.00
WARRIOR T	ALFALF	1,548.00
WARRIOR T	APHID	770.00
WARRIOR T	APHID/WEEVIL	6,311.30
WARRIOR T	CUTWORM	356.00
WARRIOR T	THRIP	144.60
WARRIOR T	WEEDVIL	788.20
WEEDAR 64	THRIP	125.00

Total Acres Treated: 79,533.80

ALFALFA SEED

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
AGRI-MEK (NV SLN)	MITES	194.00
BOA	DEFOLIATION	60.00
CAPTURE	APHID/WEEVIL	180.00
CHLORPYRIFOS 15G	APHID/WEEVIL	180.00
COMITE (NV SLN)	LYGUS	45.00
COMITE (NV SLN)	MITES	253.00
DECLARE	WEEVIL	129.00
DIBROM 8E (NV SLN)	APHID/LYGUS	181.00
DIBROM 8E (NV SLN)	LYGUS	394.60
DIBROM 8E (NV SLN)	THRIP	70.00
DIMETHOATE 4EC	APHID	50.00
DIMETHOATE 4EC	APHID/WEEVIL	235.00
DIREX 4L DIURON	WEEDS	451.00
DIURON DP	WEEDS	431.00
METASYSTOX-R (NV SLN)	LYGUS	206.00
PIRIMOR 50-DF	APHID	44.00
PURSUIT W	WEEDS	25.00
SENCOR 4 F	WEEDS	882.00
WARRIOR T	APHID	50.00
WARRIOR T	APHID/LYGUS	108.00
WARRIOR T	APHID/WEEVIL	55.00
WARRIOR T	LYGUS	178.60

Total Acres Treated: 4,402.20

BLACKFLY ABATEMENT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
VECTOBAC 12AS	BLACKFLY LAARVAE	392.75

Total Acres Treated: 392.75

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

CORN

PRODUCT APPLIED	TARGET PEST/USE	TOTAL MILES
ATRAZINE	WEEDS	30.00
CLARITY	WEEDS	79.00
LOW VOL 6 ESTER	WEEDS	79.00
MIRAGE	WEEDS	40.00
ROUNDUP ULTRA	WEEDS	70.00
WARRIOR T	APHID	30.00
WARRIOR T	CORN EAR WORM	260.00
WEEDAR 64	WEEDS	5.00

Total Acres Treated: 593.00

FALLOW

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,4D-AMINE	WEEDS	9.00
ATRAPA 5E	CRICKETS	70.00
CLARITY	WILLOWS	40.00
DIMETHOATE 4EC	CRICKETS	40.00
DIMILIN 2L	CRICKETS	70.00
GLY-4 PLUS	WEEDS	290.00
GLYPHOMAX PLUS	WHITETOP	42.00
GRAMOXONE EXTRA	WEEDS	20.90
LORSBAN 4E	CRICKETS	70.00
ROUNDUP ULTRAMAX	WEEDS	154.60
SEVIN BRAND XLR PLUS	CRICKETS	180.00
WEEDAR 64	WEEDS	105.00
WEEDONE 638	WEEDS	45.00
WEEDONE LV6 EC	WILLOWS	40.00

Total Acres Treated: 1,176.50

GARLIC

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
BUCTRIL	CUTWORM	75.00
BUCTRIL	WEEDS	75.00
PROWL 3.3 EC	WEEDS	75.00
SELECT 2 EC	WEEDS	75.00

Total Acres Treated: 300.00

GRAIN

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
BUTYRAC 200	WEEDS	61.00
CLARITY	WEEDS	65.00
WEEDAR 64	WEEDS	65.00

Total Acres Treated: 191.00

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

GRASS

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRE
2,4-D LO-V 6E	WEEDS	110.00
2,4-DB 200	WEEDS	35.00
BANVEL	WEEDS	46.60
BOA	WEEDS	15.00
BUCTRIL	WEEDS	35.00
CLARITY	WEEDS	32.00
ESCORT	WEEDS	32.00
GRAMOXONE EXTRA	WEEDS	116.00
WEEDMASTER	WEEDS	156.60
WEEDONE 638	WEEDS	57.00
WEEDONE LV6 EC	WEEDS	8.00

Total Acres Treated: 643.20

MEADOW HAY

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
ATRAPA 5E	GRASSHOPPERS	4,794.00
BANVEL	WHITETOP	160.00
CLARITY	BRUSH	1,400.00
CLARITY	WEEDS	95.00
DIMETHOATE 4EC	GRASSHOPPERS	70.00
DIMILIN 2L	GRASSHOPPERS	3,144.00
WEEDAR 64	WHITETOP	160.00
WEEDONE 638	WEEDS	95.00
WEEDONE LV6 EC	BRUSH	520.00
WEEDONE LV6 EC	WEEDS	880.00

Total Acres Treated: 11,318.00

MINT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
BUCTRIL	WEEDS	227.00
COMITE (NV SLN)	MITES	148.90
MICROTHIOL	POWDERY MILDEW	622.00
ORTHENE 97	LOOPERS	289.30
THIOLUX DRY FLOWABLE	DECAY FUNGI	148.90
THIOLUX DRY FLOWABLE	LOOPERS	128.00
THIOLUX DRY FLOWABLE	POWDERY MILDEW	42.60
TOUGH 5EC	WEEDS	227.00

Total Acres Treated: 1,833.70

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

MOSQUITO ABATEMENT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
ALTOSID LIQUID	MOSQUITOES	300.00
ALTOSID PELLETS	MOSQUITO LARVAE	1,348.00
ALTOSID PELLETS	MOSQUITOES	2,069.90
ATRAPA 5E	MOSQUITOES	1,680.90
ATRAPA 8E	MOSQUITOES	2,800.00
BIOMIST 4+ 12 ULV	MOSQUITOES	400.00
PY-RIN 60-6 EC	MOSQUITOES	0.10
PYROCID 5%	MOSQUITOES	2,916.00
SCOURGE 4%	MOSQUITOES	1,780.00
VECTOBAC 12AS	MOSQUITO LARVAE	11.00
VECTOBAC SAND	MOSQUITO LARVAE	0.10
VECTOBAC-G	MOSQUITO LARVAE	47.80
VECTOLEX CG	MOSQUITO LARVAE	284.35
VECTOLEX CG	MOSQUITOES	458.00

Total Acres Treated: 14,095.25

NON-CROP LAND

Product Applied	Target Pest/Use	Total Acres
2,4-D AMINE	LEAFY SPURGE	14.50
2,4-D AMINE	SALT CEDAR	39.00
2,4-D AMINE	THISTLE	23.00
2,4-D AMINE	WEEDS	12.00
2,4-D AMINE	WHITETOP	76.50
2-100 FIELD MOUSE	VOLES	0.20
AMINE 4 2,4-D	WEEDS	20.00
AQUAMASTER	SALT CEDAR	87.00
AQUAMASTER	WEEDS	10.00
AQUAMASTER	WHITETOP	1.00
ARSENAL	SALT CEDAR	78.00
ATRAPA 5E	GRASSHOPPERS	70.00
BANVEL	WHITETOP	75.00
BANVEL	WILLOWS	225.00
DIMILIN 2L	CRICKETS	80.00
ESCORT	WHITETOP	39.00
GLY-4 PLUS	WEEDS	56.00
RODEO	WEEDS	4.00
ROUNDUP	WEEDS	3.00
ROUNDUP ULTRA	SALT CEDAR	2.00
ROUNDUP ULTRA	THISTLE	5.00
ROUNDUP ULTRAMAX	THISTLE	9.00
ROUNDUP ULTRAMAX	WEEDS	10.00
ROUNDUP ULTRAMAX	WHITETOP	16.00
SEVIN BRAND XLR PLUS	CRICKETS	80.00
STERILAN II	WEEDS	4.00
SURFLAN A.S.	WEEDS	53.00
TORDON 22K	LEAFY SPURGE	12.50
TORDON 22K	SALT CEDAR	2.00
WEEDAR 64	WHITETOP	75.00
WEEDAR 64	WILLOWS	225.00
WEEDMASTER	THISTLE	1.00

Total Acres Treated: 1,407.70

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

OATS

Product Applied	Target Pest/Use	Total Acres
2,4-D LO-V 6E	WEEDS	89.00
AMINE 4 2,4-D	WEEDS	79.00
CLARITY	WEEDS	145.30
LOW VOL 6 ESTER	WEEDS	104.00
MIRAGE	WEEDS	70.00
WEEDAR 64	WEEDS	41.30

Total Acres Treated: 528.60

ONIONS

Product Applied	Target Pest/Use	Total Acres
DIGON 400	THRIP	50.00
GUTHION 2S	THRIP	60.00
ROUNDUP	WEEDS	60.00
ROUNDUP ULTRA	WEEDS	340.00
ROUNDUP ULTRAMAX	WEEDS	320.00
WARRIOR T	THRIP	60.00

Total Acres Treated: 890.00

PASTURE

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,4-D AMINE	LEAFY SPURGE	30.00
2,4-D AMINE	WEEDS	17.00
ALTOSID PELLETS	LOOPERS	180.00
AQUAMASTER	LEAFY SPURGE	6.00
ATRAPA	GRASSHOPPERS	50.00
BUCTRIL	WEEDS	10.00
CLARITY	WEEDS	20.00
CURTAIL	WEEDS	200.00
DECLARE	GRASSHOPPERS	240.00
DIMILIN	GRASSHOPPERS	50.00
ESCORT	WHITETOP	128.00
LOW VOL 6 ESTER	WEEDS	20.00
TORDON 22K	LEAFY SPURGE	30.00
TORDON 22K	THISTLE	0.50
WEEDONE 638	WEEDS	286.00

Total Acres Treated: 1,267.50

PEGEON ABATEMENT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL POUNDS USED
AVITROL (WHOLE CORN)	PIGEONS	1,030.50

Total Pounds Applied: 1,030.50

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

POUNDS

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
RODEO	AQUATIC WEEDS	100.00

Total Acres Treated: 100.00

POTATOES

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
BLOCKER 4F (NV SLN)	BLIGHT	120.00
DITHANE DF	BLIGHT	629.00
DITHANE F-45	BLIGHT	2,862.80
ECHO 720	BLIGHT	1,616.00
ECHO 90 DF	BLIGHT	440.00
FULFILL	APHID	747.00
MATRIX II	WEEDS	376.00
MEDAL	DODDER	73.00
MESSENGER	APHID	181.50
MESSENGER	BLIGHT	937.00
MONITOR 4 L	APHID	860.00
MONITOR 4 SPRAY	APHID	5,420.00
PROWL 3.3 EC	DODDER	73.00
QUADRIS FLOWABLE	BLIGHT	8,167.00
REGLONE DIQUAT	DEFOLIATION	647.00
ROUNDUP ULTRA	WEEDS	375.00
SELECT 2 EC	GRAIN	105.00
SENCOR 4 F	WEEDS	28.00

Total Acres Treated: 23,657.30

RANGELAND

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,4-D AMINE	LEAFY SPURGE	43.50
2,4-D AMINE	RUSSIAN KNAPWEED	35.00
2,4-D AMINE	RUSSIAN KNAPWEED	45.00
2,4-D AMINE	THISTLE	35.00
2,4-D AMINE	WHITETOP	191.00
2,4-D AMINE	WILLOWS	16.00
2,4-D LV4	BRUSH	200.00
AQUAMASTER	WHITETOP	12.50
AARSENAL	TAMARISK	1.10
ATRAPA 5E	CRICKETS	260.00
BANVEL	BRUSH	200.00
CURTAIL	THISTLE	40.00
DIMILIN 2L (NV SLN)	GRASSHOPPERS	200.00
DIMILIN 2L (NV SLN)	MORMON CRICKETS	505.00
ESCORT	WHITETOP	46.20

Total Acres Treated: 2,250.00

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

RANGELAND Continued

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
ESCORT	WILLOWS	16.00
ROUNDUP ULTRA	WEEDS	1.00
ROUNDUP ULTRAMAX	WHITETOP	12.50
SEVIN BRAND SLR PLUS	CRICKETS	178.00
SEVIN BRAND XLR PLUS	MORMON CRICKETS	247.00
TORDON 22K	LEAFY SPURGE	159.50
TORDON 22K	RUSSIAN KNAPWEED	35.00
TORDON 22K	THISTLE	1.50
TORDON 22K	WHITETOP	20.00
WEEDAR 64	WHTISTLE	1.10
WEEDAR 64	WEEDS	80.00

Total Cubic Treated: 2,581.90

RIGHT OF WAY

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,4-D	WEEDS	521.70
2,4-D AMINE	LEAFY SPURGE	26.00
2,4-D AMINE	WHITETOP	26.00
ACTIVATOR 90	WEEDS	10.00
DIURON	WEEDS	523.20
ESCORT	WHITETOP	50.00
GLYPHOMAX PLUS	WEEDS	3.00
GLYPRO PLUS	WEEDS	46.00
SYNDETC 1050	WEEDS	10.00
TORDON 22K	LEAFY SPURGE	4.00
VISTA	WEEDS	502.50
WEEDESTROY AM-40 AMINE	WEEDS	703.00

Total Acres Treated: 2,425.40

STORED POTATOES

PRODUCT APPLIED	TARGET PEST/USE	TOTAL CUT'S
98.6% CHLOROPROPHAM	INHIBITING SPROUTS	225,000.00

Total Cut's Treated: 225,000.00

TERMITE ABATEMENT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
CHLORPYRIFOS PRO	TERMITES	14.90

Total Acres Treated: 14.90

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

TIMOTHY

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
AMBER HERBICIDE	WEEDS	185.00
ATRAPA 5E	MITES	250.00
ATRAPA 5E	THRIP	187.00
BARRAGE	WEEDS	250.00
DECLARE	CUTWORM	620.00
DECLARE	MITES	5,043.00
MICROTHIOL	MITES	342.00
MICROTHIOL	THRIP	187.00
OPTI-AMINE	WEEDS	122.00
PYRONYL	MITES	62.00
SUPERSIX SULFUR	MITES	1,027.00
SUPRACIDE 2E (NV SLN)	MITES	1,779.00
WEEDAR 64	WEEDS	810.00

Total Acres Treated: 10,864.00

TREES

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
DURSBAN 50W	DORERS	0.10

Total Acres Treated: 0.10

TRITICALE

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
CLARITY	WEEDS	125.00
WEEDAR 64	WEEDS	125.00
WEEDONE LV6 EC	WEEDS	187.40

Total Acres Treated: 437.40

TURF

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
20100 FIELD MOUSE	VOLES	1.00
ZP RODENT BAIT AG	VOLES	2.00

Total Acres Treated: 3.00

2002 PESTICIDE AND HERBICIDE APPLICATION SUMMARY, continued

UTILITY POLES

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
MITC - FUME	DECAY FUNGI	42,366.00
MITC - FUME	TERMITES	1,954.00
OSMOSPLASTIC	DECAY FUNGI	3,368.00
OSMOSPLASTIC	TERMITES	616.00

Total Poles Treated: 8,304.00

WHEAT

PRODUCT APPLIED	TARGET PEST/USE	TOTAL ACRES
2,3-D AMINE	RUSSIAN KNAPWEED	10.00
2,4-D AMINE	WEEDS	70.00
BRONATE	WEEDS	2,515.00
BUCTRIL	WEEDS	235.00
CALRITY	WEEDS	82.00
DIGON 400	APHID	203.90
DIMETHOATE 4 EC	APHID	22.00
HARMONY EXTRA	WEEDS	2,480.50
HARMONY GET	WEEDS	34.50
LORSAN 4E-SG	GRASSHOPPERS	160.00
TORDON 22K	RUSSION KNAPWEED	10.00
WARRIOR T	APHID	55.00
WEEDAR 64	WEEDS	302.00
WEEDMASTER	WEEDS	120.00
WEEDONE 638	WEEDS	320.00
WEEDONE LV4 EC	WEEDS	308.00
WEEDONE LV6 EC	WEEDS	1,707.00

Total Acres Treated: 8,634.90

DIRECTORY: Cooperative Extension and Farm Services Agency (FSA) Office Locations

Nevada Cooperative Extension Offices

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2621 Northgate Ln, Suite 15
Carson City, NV 89706
(775) 887-2252

Churchill County

111 Sheckler Road
Fallon, NV 89406-8951
(775) 423-5121

Clark County

2345 Red Rock, Suite 100
Las Vegas, NV 89146-3160
(702) 222-3130

East Clark County

P.O. Box 126
1897 N. Moapa Valley Blvd
Logandale, NV 89021-0126
(702) 397-2604

Douglas County

P.O. Box 338
Minden, NV 89423-0338
1329 Waterloo Lane
Gardnerville, NV 89410
(775) 782-9960

Elko County

701 Walnut
Elko, NV 89801-3347
(775) 738-7291

Wendover

P.O. Box 2409
Wendover, NV 89883
(775) 664-4359

Esmeralda / Northern Nye Co.

Old Court House
#1 Fran Kee St.
P.O. Box 231
Tonopah, NV 89049-0231
(775) 482-6794

Eureka County

P.O. Box 613
701 S. Main Street
Eureka, NV 89316-0613
(775) 237-5326

Humboldt County

1085 Fairgrounds Road
Winnemucca, NV 89445-2917
(775) 623-6304

Lander County

815 N Second Street
Battle Mtn, NV 89820-8309
(775) 635-5565

Lincoln County

P.O. Box 728
360 Lincoln Street
Caliente, NV 89008-0728
(775) 726-3109

Lyon County

P.O. Box 811
504 South Main Street
Yerington, NV 89447-0811
(775) 463-6541

Nye County (Southern)

1651 E. Calvada Blvd.
Pahrump, NV 89041
(775) 727-5532

Pershing County

P.O. Box 239
810 6th Street
Lovelock, NV 89419-0239
(775) 273-2923

Washoe County

P.O. Box 11130
5305 Mill St.
Reno, NV 89520-0027
(775) 784-4848

Washoe County / Incline

Village Branch
P.O. Box 8208
865 Tahoe Blvd., Ste. 110
Incline Village, NV 89452
(775) 832-4150

White Pine County

955 Campton
Ely, NV 89301-0210
(775) 289-4459

Nevada FSA

Nevada State FSA Office

1755 E Plumb Lane, Suite 202
Reno, NV 89502-3207
(775) 784-5411

Elko FSA Office

2002 Idaho Street
Elko, NV 89801-2627
(775) 738-6445
(Serves Elko & Eureka Counties)

Ely FSA Office

744 E. North Industrial Way
HC 33 Box 33453
Ely, NV 89301
(775) 289-4990
(Serves Lincoln & White Pine Counties)

Fallon FSA Office

111 Sheckler Road, Suite B
Fallon, NV 89406-8951
(775) 423-5127
(Serves Churchill, Storey & Washoe Counties)

Minden FSA Office

Hickey Building
1702 County Rd, Suite A1
Minden, NV 89423
(775) 782-3661
(Serves Douglas County and Carson City)

Lovelock FSA Office

11th & Cornell Street, Suite #1
P.O. Box 1070
Lovelock, NV 89419-1070
(775) 273-2922
(Serves Pershing County)

Winnemucca FSA Office

1200 Winnemucca Blvd., East
Winnemucca, NV 89455-2920
(775) 623-5025
(Serves Humboldt & Lander Counties)

Yerington FSA Office

215 W Bridge St, Suite 10-A
Yerington, NV 89447-0803
(775) 463-2855
(Serves Lyon, Esmeralda & Mineral Counties)

DIRECTORY: Natural Resource Conservation Service (NRCS), Nevada Department of Agriculture
Office Locations

Natural Resources Conservation Service (NRCS)

Nevada Dept of

Agriculture

State Office

5301 Longley Lane
Bldg F, Suite 220
Reno, NV 89511-1805
(775) 784-5863

Western Nevada RC&D Office

705 North Plaza, Room 203
P.O. Box 3543
Carson City, NV 89702-4061
(775) 883-2292

High Desert RC&D Office

Parc Place Professional Complex
5820 South Pecos Rd.
Building A, Suite 400
Las Vegas, NV 89120
(702) 262-9047

Daka Doyabe RC&D Office

2002 Idaho
Elko, NV 89801-2627
(775) 738-8431

Nevada Conservation Districts

333 W. Nye Lane Room 118
Carson City, NV 89706-0857
(775) 687-6977

Elko Field Office

555 W. Silver St
Elko, NV 89801-7714
(775) 738-8468

Ely Field Office

744 E. North Industrial Way
Ely, NV 89301
(775) 289-4990

Eureka Conservation District Ofc

P.O. Box 323
701 S. Main Street
Eureka, NV 89316
(775) 237-5251

Lovelock Field Office

1155 Lovelock Ave
Lovelock, NV 89419-8860
(775) 273-2134

Winnemucca Field Office

1200 Winnemucca Blvd., East
Winnemucca, NV 89445-3027
(775) 623-5025

Las Vegas Field Office

Parc Place Professional Complex
5820 South Pecos Rd
Building A, Suite 400
Las Vegas, NV 89120-3418
(702) 262-9047

Caliente Field Office

360 Lincoln Street
P.O. Box 8
Caliente, NV 89008-0008
(775) 726-3101

Fallon Field Office

111 Scheckler Road
Fallon, NV 89406-8951
(775) 423-5124

Minden Field Office

Hickey Building
1702 County Road, Suite A1
Minden, NV 89423-4460
(775) 782-3661

Reno Field Office

1201 Terminal Way, Suite 222
Reno, NV 89502-3252
(775) 784-5408

Yerington Field Office

215 West Bridge St., Suite 11-A
Yerington, NV 89447-2554
(775) 463-2265

Reno

Main Office
350 Capitol Hill Ave
Reno, NV 89502
(775) 688-1180

Las Vegas

District Office
2300 McLeod
Las Vegas, NV 89104
(702) 486-4690

Winnemucca

District Office
1200 E. Winnemucca Blvd
Winnemucca, NV 89445
(775) 623-6502/6501

Elko

District Office
1351 Elm St
Elko, NV 89801
(775) 738-8076

United States Department of Agriculture
National Agricultural Statistics Service
State Statistical Offices

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Alaska	907-745-4272	Suzan Benz	P.O. Box 799, Palmer, AK 99645
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California	916-498-5161	Vic Tolomeo	P.O. Box 1258, Sacramento, CA 95812
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Oregon	503-326-2131	Janice Goodwin	1220 S.W. Third Ave, Rm 1735, Portland, OR 97204
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Texas	512-916-5581	Robin Roark	P.O. Box 70, Austin, TX 78767
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West Virginia	304-345-5958	Dave King	1900 Kanawha Blvd.E, Charleston, WV 25305
Wisconsin	608-224-4848	Bob Battaglia	P.O. Box 8934, Madison, WI 53708
Wyoming	307-432-5600	Dick Coulter	P.O. Box 1148, Cheyenne, WY 82003



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UNITED STATES DEPARTMENT OF AGRICULTURE