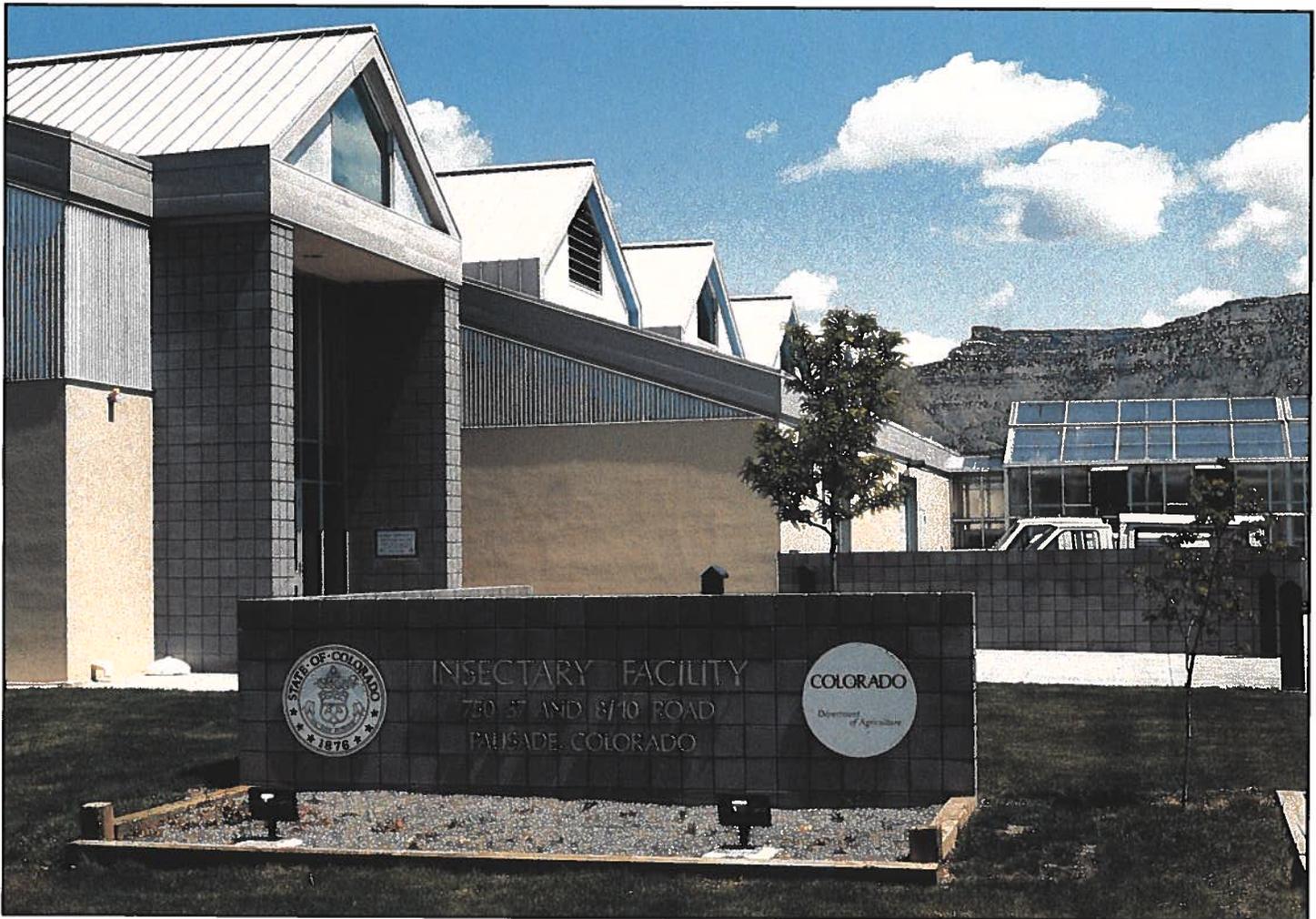




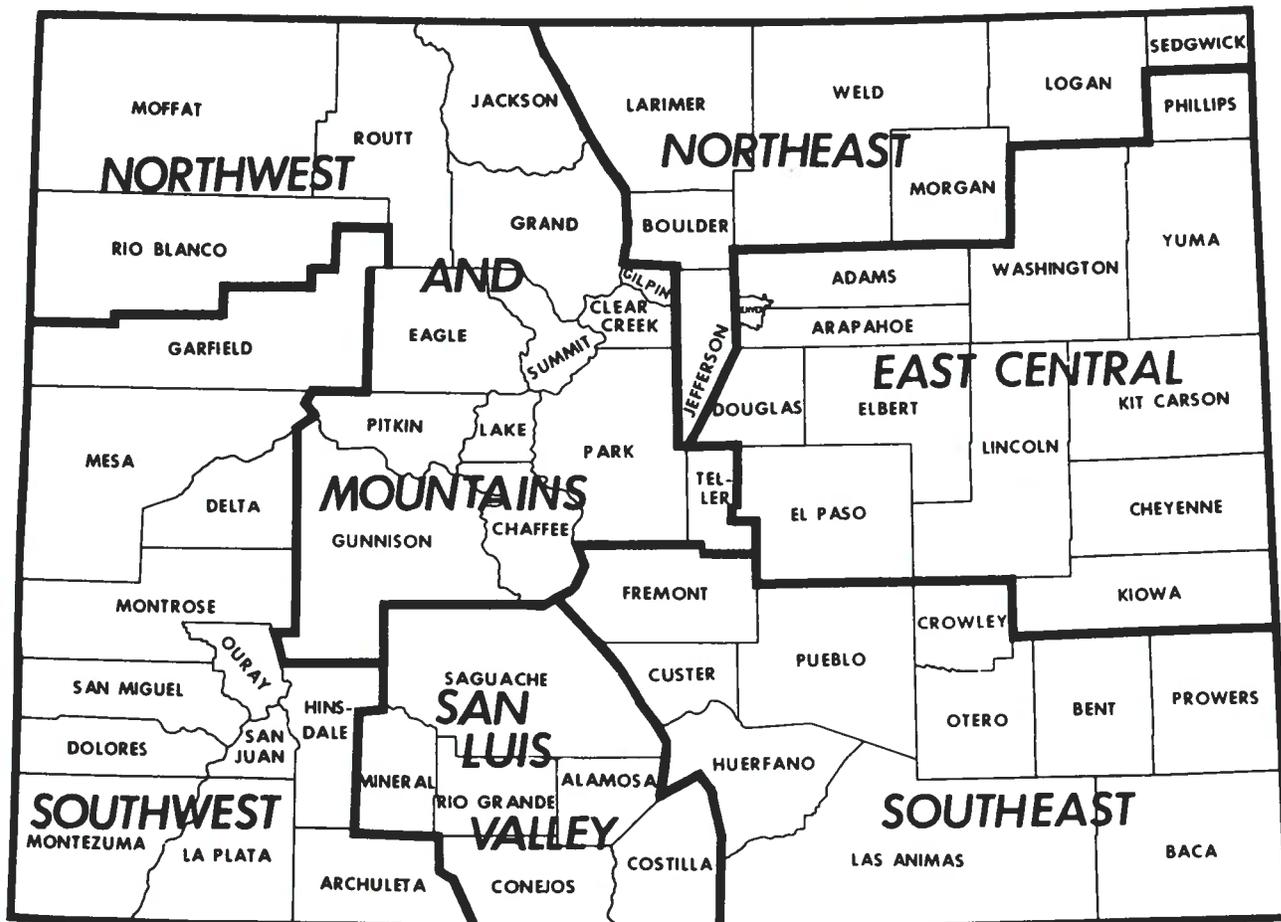
COLORADO AGRICULTURAL STATISTICS 1994



Includes

**ANNUAL REPORT
COLORADO DEPARTMENT OF AGRICULTURE
FISCAL YEAR 1993-94**

COLORADO AGRICULTURAL STATISTICS DISTRICTS



COLORADO

The Centennial State, admitted to the Union in 1876, is the eighth largest state in area and has the highest average elevation. The highest point is at Mount Elbert, 14,433 feet above sea level, one of the 53 "fourteeners" rising above 14,000 feet. The lowest elevation is 3,350 feet in extreme eastern Prowers County.

Approximate Land Area: 66.3 Million Acres (104,687 Square Miles)

Approximate Cropland Area: 11.0 Million Acres

Approximate Irrigated Area: 3.0 Million Acres

Number of Farms and Ranches (1993): 25,500

Land in Farms and Ranches (1993): 32.8 Million Acres

Average Size of Farm and Ranch (1993): 1,286 Acres

Farms by Type

83%	Individual
11%	Partnership
5%	Corporate
1%	Other

Farms By Tenure

54%	Full Owners
31%	Part Owners
15%	Tenants

Farms By Class

59%	Livestock & Poultry
41%	Crops

Farm Marketing Receipts (1992):	\$4,038.4	Million	
Livestock & Livestock Products:	2,955.2	Million	73.2%
Field, Fruit, & Vegetable Crops:	1,083.2	Million	26.8%

COLORADO AGRICULTURAL STATISTICS

1993 PRELIMINARY - 1992 REVISED

and

ANNUAL REPORT 1993-94

COLORADO DEPARTMENT OF AGRICULTURE

Issued Cooperatively By

U.S. DEPARTMENT OF AGRICULTURE



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE



COLORADO
DEPARTMENT
OF AGRICULTURE

DONALD M. BAY, Acting Administrator

THOMAS A. KOURLIS, Commissioner

Prepared and Published by

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Roy Romer
Governor

Thomas A. Kourlis
Commissioner

Robert G. McLavey
Deputy Commissioner

July, 1994

Dear friends,

This 1994 edition of **Colorado Agricultural Statistics** marks yet another year of close cooperation among the Colorado Department of Agriculture, the Colorado Agricultural Statistics Service, and the state's farmers and ranchers. This cooperation makes it possible to have access to reliable data about our industry.

The importance of reliable and consistent agricultural data cannot be overstated. The data in this bulletin enables the user to quickly spot the major trends in production, track prices and yields, glimpse the financial picture of the state's agricultural industry, as well as many other uses.

Once again, the annual report of the Colorado Department of Agriculture is included in this bulletin. I urge you to take a moment and learn about the wide array of responsibilities this department performs for the agricultural community and Colorado consumers.

The Colorado Department of Agriculture is proud to assist in publication of this bulletin, but it is important to recognize the real authors of this report--the farmers and ranchers of Colorado. It is they who produce our state's bounty, steward its many resources, and take the time to respond to producer surveys.

Thanks to all who make this annual publication possible.

Sincerely,

Thomas A. Kourlis
Commissioner

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Rank in Agriculture: Colorado's rank among states, 1993

Commodity	Unit	Colorado		Leading State		United States total
		Rank	Production	State	Production	
FIELD CROPS:						
Barley	1,000 bu.	11	7,650	North Dakota	117,600	400,225
Beans, dry edible	1,000 cwt.	3	2,831	Michigan	6,080	21,842
Corn, grain	1,000 bu.	14	99,000	Illinois	1,300,000	6,344,045
Corn, silage	1,000 tons	12	2,100	Wisconsin	8,550	82,052
Hay, all	1,000 tons	16	4,275	South Dakota	8,450	148,854
Hay, alfalfa	1,000 tons	10	3,230	California	6,348	80,878
Hay, other	1,000 tons	24	1,045	Texas	7,140	67,976
Oats	1,000 bu.	19	1,984	North Dakota	37,100	206,253
Potatoes, all	1,000 cwt.	3	27,812	Idaho	121,460	419,415
Potatoes, fall	1,000 cwt.	3	25,270	Idaho	121,460	376,789
Potatoes, summer	1,000 cwt.	2	2,542	Michigan	3,500	20,420
Rye	1,000 bu.	21	25	South Dakota	1,600	10,340
Sorghum, grain	1,000 bu.	9	7,980	Texas	182,400	567,867
Sorghum, silage	1,000 tons	5	352	Nebraska	840	3,914
Sugar beets	1,000 tons	9	924	Minnesota	5,344	26,396
Sunflowers, all	1,000 lbs.	5	89,000	North Dakota	966,900	2,596,716
Sunflowers, oil varieties	1,000 lbs.	5	60,480	North Dakota	814,800	2,185,918
Sunflowers, non-oil varieties	1,000 lbs.	4	28,520	North Dakota	152,100	410,798
Wheat, all <u>1/</u>	1,000 bu.	9	96,990	Kansas	388,500	2,402,055
Wheat, spring <u>2/</u>	1,000 bu.	8	2,640	North Dakota	274,350	563,971
Wheat, winter	1,000 bu.	6	94,350	Kansas	388,500	1,769,158
VEGETABLES: <u>3/</u>						
Cabbage	1,000 cwt.	10	546	New York	3,828	21,965
Cantaloupe	1,000 cwt.	6	240	California	12,350	18,551
Carrots	1,000 cwt.	7	1,064	California	18,560	32,231
Corn, sweet	1,000 cwt.	9	688	Florida	3,837	16,986
Cucumbers (P)	Tons	8	9,570	Michigan	127,600	586,980
Lettuce	1,000 cwt.	3	1,044	California	50,760	67,814
Onions (storage only)	1,000 cwt.	2	5,735	Oregon	8,376	30,332
Spinach	1,000 cwt.	2	350	California	1,764	2,701
Tomatoes (P)	Tons	6	1,900	California	8,951,580	9,676,540
FRUITS:						
Apples	Mil lbs.	12	92	Washington	5,000	10,610
Cherries, tart	Mil lbs.	7	1.6	Michigan	270	323
Peaches	Mil lbs.	12	18	California	1,702	2,657
Pears	Tons	7	5,000	Washington	383,000	934,150
LIVESTOCK: <u>4/</u>						
All cattle & calves	1,000 head	10	2,900	Texas	14,800	101,749
All cows <u>5/</u>	1,000 head	18	900	Texas	6,200	44,529
Beef cows <u>5/</u>	1,000 head	16	820	Texas	5,810	34,891
Milk cows <u>5/</u>	1,000 head	29	80	Wisconsin	1,500	9,638
Milk production, 1993	Mil lbs.	26	1,454	Wisconsin	23,014	150,954
Calf crop, 1993	1,000 head	16	850	Texas	5,350	39,640
Cattle on feed <u>6/</u>	1,000 head	4	1,010	Texas	2,730	12,928
Fed cattle marketings <u>7/</u>	1,000 head	4	2,340	Texas	5,290	22,316
All sheep & lambs	1,000 head	4	645	Texas	1,710	9,079
Stock sheep & lambs	1,000 head	8	320	Texas	1,500	7,240
Lamb crop, 1993	1,000 head	7	320	Texas	950	6,314
Sheep & lambs on feed <u>6/</u>	1,000 head	1	325	Colorado	325	1,839
Wool production, 1993	1,000 lbs.	5	5,199	Texas	17,000	77,319
All hogs & pigs	1,000 head	19	450	Iowa	14,600	56,798
Pig crop, 1993	1,000 head	18	877	Iowa	22,942	95,727
All chickens	1,000 head	26	4,040	California	29,300	377,529
Hens & pullets <u>8/</u>	1,000 head	26	3,283	California	25,500	288,615
Egg production, 1993	Million	24	837	California	6,501	71,391
MISCELLANEOUS:						
Farms, 1993	Number	30	25,500	Texas	185,000	2,068,240
Land in farms	1,000 acres	12	32,800	Texas	130,000	978,153
Average size of farm	Acres	7	1,286	Arizona	4,557	473

1/ Includes Durum wheat. 2/ Excludes Durum wheat. 3/ Fresh market except where noted as processing (P).

4/ Inventory January 1, 1994 for cattle and sheep; December 1, 1993 for hogs and chickens. 5/ Cows and heifers that have calved.

6/ As of 1/1/94. 7/ 13 major feeding states. 8/ Hens and pullets of laying age.

Farms, land in farms, and average size, Colorado and U. S. , 1982-93

Year	Colorado			United States		
	Farms <u>1/</u>	Land in farms	Average size	Farms <u>1/</u>	Land in farms	Average size
	Number	1,000 Acres	Acres	Number	1,000 Acres	Acres
1982	27,500	35,200	1,280	2,406,550	1,027,795	427
1983	27,000	34,800	1,289	2,378,620	1,023,425	430
1984	27,000	34,600	1,281	2,333,810	1,017,803	436
1985	26,700	34,400	1,288	2,292,530	1,012,073	441
1986	26,600	34,200	1,286	2,249,820	1,005,333	447
1987	27,000	34,000	1,259	2,212,960	998,923	451
1988	27,300	33,700	1,234	2,197,140	994,543	453
1989	27,000	33,500	1,241	2,170,520	991,153	457
1990	26,500	33,100	1,249	2,140,420	987,420	461
1991	26,000	32,800	1,262	2,105,060	982,766	467
1992	25,500	32,800	1,286	2,093,840	979,963	468
1993	25,500	32,800	1,286	2,068,240	978,153	473

1/ Places with annual sales of agricultural products of \$1,000 or more.

Livestock Operations: Number by type, Colorado, 1986-93

Year	All cattle operations	Beef cow operations <u>1/</u> <u>2/</u>	Milk cow operations <u>1/</u>	Cattle feedlots <u>1/</u>	Sheep operations	Hog operations
1986	16,500	12,000	2,600	300	2,600	2,300
1987	15,500	11,500	2,000	310	2,300	2,300
1988	15,000	11,000	1,800	295	2,400	2,500
1989	15,000	10,800	1,700	295	2,300	2,400
1990	15,000	10,800	1,700	285	2,200	2,000
1991	14,500	10,500	1,600	295	2,000	1,800
1992	14,000	10,000	1,500	295	1,800	1,600
1993	13,000	9,500	1,500	295	1,800	1,600

1/ Included in all cattle operations. 2/ Estimates began in 1986.

Cattle: Percent of operations and inventory by size group, by class, Colorado, 1988-92

Year/Class	Operations having				Inventory on operations having			
	1-49 Head	50-99 Head	100-499 Head	500+ Head	1-49 Head	50-99 Head	100-499 Head	500+ Head
	Percent				Percent			
1988								
All Cattle & Calves	45.3	17.3	30.7	6.7	3.5	6.3	32.3	57.9
Beef Cows	60.0	18.2	21.8	<u>1/</u>	14.9	16.8	68.3	<u>1/</u>
1989								
All Cattle & Calves	45.3	18.0	30.0	6.7	3.1	6.2	31.0	59.7
Beef Cows	58.0	18.0	24.0	<u>1/</u>	14.0	16.0	70.0	<u>1/</u>
1990								
All Cattle & Calves	46.7	17.3	29.3	6.7	3.6	6.2	31.8	58.4
Beef Cows	59.3	18.5	22.2	<u>1/</u>	14.5	16.2	69.3	<u>1/</u>
1991								
All Cattle & Calves	47.0	18.0	28.0	7.0	4.0	6.0	30.0	60.0
Beef Cows	59.0	16.0	25.0	<u>1/</u>	13.0	13.0	74.0	<u>1/</u>
1992								
All Cattle & Calves	47.0	16.0	29.0	8.0	4.0	5.0	28.0	63.0
Beef Cows	57.0	16.0	27.0	<u>1/</u>	12.0	12.0	76.0	<u>1/</u>

1/ Not estimated.

Planted acreage, principal crops, Colorado, 1969-93

Year	All Wheat ^{1/}	All Corn	All Sorghum	Barley	Oats	Rye	Dry Beans	Sugar Beets	All Sunflowers	All Hay	All Potatoes	Vegetables	Total ^{2/}
Thousand Acres													
1969 ..	2,684	600	556	326	171	134	235	204.0	...	...	52.4	29.7	6,572.1
1970 ..	2,493	661	463	328	210	184	242	159.0	...	...	51.3	28.3	6,379.6
1971 ..	2,373	755	550	362	150	220	211	148.6	...	...	44.0	26.5	6,280.1
1972 ..	2,474	740	535	291	130	75	211	152.5	...	...	39.5	26.3	6,139.3
1973 ..	2,731	795	440	289	130	71	193	122.8	...	...	37.7	26.5	6,375.0
1974 ..	3,097	795	470	252	115	35	182	128.6	...	...	41.2	27.3	6,543.1
1975 ..	3,074	810	510	245	110	21	205	162.7	...	...	40.4	24.1	6,667.2
1976 ..	3,150	895	505	275	114	35	180	124.0	...	...	44.6	24.9	6,827.5
1977 ..	3,030	970	475	300	115	30	165	77.0	...	...	44.0	26.3	6,647.3
1978 ..	3,038	1,015	500	260	121	30	175	89.0	...	...	48.5	27.8	6,774.3
1979 ..	3,245	1,015	490	295	115	20	175	76.0	...	...	47.1	28.4	7,046.5
1980 ..	3,554	970	490	265	100	10	220	94.0	...	...	43.0	26.2	7,272.2
1981 ..	3,511	960	455	284	74	15	230	80.0	...	...	47.5	26.8	7,033.3
1982 ..	3,350	980	385	225	90	17	190	50.0	...	...	52.5	19.8	6,719.3
1983 ..	3,865	780	295	232	115	12	155	42.0	...	...	54.0	20.9	7,040.9
1984 ..	3,875	840	500	350	130	15	195	48.3	...	...	60.8	23.8	7,467.9
1985 ..	3,774	875	370	360	115	13	210	2.9	...	...	64.1	25.4	7,254.4
1986 ..	3,360	820	380	390	90	15	191	37.8	...	...	63.9	21.8	6,779.5
1987 ..	3,160	800	400	230	100	18	185	37.4	...	...	67.5	23.4	6,521.3
1988 ..	2,554	910	270	185	110	18	160	39.1	...	...	66.2	24.5	5,986.8
1989 ..	2,775	1,050	400	190	95	25	195	40.6	...	...	68.8	22.9	6,362.3
1990 ..	2,742	950	270	155	90	15	245	40.8	...	...	72.8	23.2	6,153.8
1991 ..	2,638	950	320	140	88	15	190	40.7	63	...	78.0	24.8	6,047.5
1992 ..	2,700	930	240	130	90	10	164	40.2	70	...	73.4	32.5	5,900.1
1993 ..	2,835	940	230	100	87	11	205	40.3	85	...	80.8	35.6	6,049.7

^{1/} Planted for harvest in year shown. Winter wheat sown fall preceding year.

^{2/} Includes harvested acres for all hay.

Harvested acreage, principal crops, Colorado, 1969-93

Year	All Wheat	All Corn	All Sorghum	Barley	Oats	Rye	Dry Beans	Sugar Beets	All Sunflowers	All Hay	All Potatoes	Vegetables	Total
Thousand Acres													
1969 ..	1,962	573	530	277	93	38	222	180.7	...	1,580	49.0	26.6	5,531.3
1970 ..	2,095	648	432	310	128	82	235	145.2	...	1,560	50.3	25.6	5,711.1
1971 ..	2,132	726	495	315	57	86	200	138.9	...	1,440	43.1	23.6	5,656.6
1972 ..	2,165	726	490	239	37	12	192	133.8	...	1,465	38.6	23.8	5,522.2
1973 ..	2,605	777	420	268	46	15	188	113.7	...	1,539	37.0	23.4	6,032.1
1974 ..	2,900	785	425	200	31	6	177	125.7	...	1,400	40.6	24.0	6,114.3
1975 ..	2,498	801	470	230	42	4	200	154.9	...	1,465	39.7	22.1	5,926.7
1976 ..	2,440	883	445	245	50	7	175	121.0	...	1,480	43.8	22.8	5,912.6
1977 ..	2,576	950	455	250	31	4	140	72.0	...	1,415	43.3	22.7	5,959.0
1978 ..	2,523	990	465	230	40	5	160	84.0	...	1,470	47.8	25.4	6,040.2
1979 ..	2,641	1,005	460	275	50	3	165	73.0	...	1,540	46.4	26.4	6,284.8
1980 ..	3,400	959	465	245	33	2	215	91.0	...	1,500	42.3	24.4	6,976.7
1981 ..	3,108	950	425	270	26	3	225	77.0	...	1,350	46.8	24.9	6,505.7
1982 ..	2,958	970	366	215	40	2	185	46.0	...	1,360	51.9	17.7	6,211.6
1983 ..	3,063	771	285	220	42	2	150	37.2	...	1,470	53.3	19.4	6,112.9
1984 ..	3,270	838	478	325	50	1	190	44.2	...	1,430	60.1	22.6	6,708.9
1985 ..	3,522	874	353	340	55	2	205	2.5	...	1,445	63.4	23.9	6,885.8
1986 ..	2,955	805	319	350	40	2	185	37.2	...	1,410	63.9	20.1	5,187.2
1987 ..	2,555	795	228	220	50	3	180	37.0	...	1,500	66.3	22.2	5,656.5
1988 ..	2,352	905	202	175	60	6	155	38.6	...	1,650	65.6	23.0	5,632.2
1989 ..	2,270	1,045	350	160	55	4	185	40.0	...	1,500	68.2	22.3	5,699.5
1990 ..	2,590	947	240	150	45	3	225	40.0	...	1,550	72.2	22.4	5,884.6
1991 ..	2,336	945	292	130	30	3	180	40.2	60	1,500	74.9	23.2	5,614.3
1992 ..	2,347	922	210	120	35	2	159	39.9	67	1,420	72.7	30.4	5,425.0
1993 ..	2,583	925	212	90	32	1	185	40.0	77	1,400	80.4	33.9	5,659.3

Field Crops: Acreage, production and value, Colorado, 1977-93

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
All Wheat							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	3,030	2,576	18.9	22.3	57,374	2.12	121,888
1978	3,038	2,523	19.5	23.5	59,283	2.81	166,303
1979	3,245	2,641	21.6	26.6	70,224	3.53	247,786
1980	3,554	3,400	31.0	32.4	110,300	3.70	407,769
1981	3,511	3,108	25.0	28.3	87,877	3.58	314,758
1982	3,350	2,958	25.4	28.7	84,984	3.35	284,547
1983	3,865	3,063	31.6	39.9	122,103	3.24	395,260
1984	3,875	3,270	29.7	35.2	115,020	3.19	366,549
1985	3,774	3,522	36.9	39.6	139,302	2.77	386,517
1986	3,360	2,955	28.7	32.6	96,430	2.26	217,730
1987	3,160	2,555	30.8	38.1	97,380	2.51	244,751
1988	2,554	2,352	31.1	33.8	79,540	3.69	293,248
1989	2,775	2,270	22.4	27.4	62,100	3.66	227,401
1990	2,742	2,590	31.7	33.6	86,950	2.46	214,235
1991	2,638	2,336	28.1	31.7	74,000	3.07	227,126
1992	2,700	2,347	26.9	30.9	72,619	3.15	228,207
1993	2,835	2,583	34.2	37.5	96,990	3.15	309,312
Winter Wheat							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	3,000	2,550	18.5	22.0	56,100	2.12	118,932
1978	3,000	2,490	19.0	23.0	57,270	2.81	160,929
1979	3,200	2,600	21.0	26.0	67,600	3.53	238,628
1980	3,500	3,350	30.5	32.0	107,200	3.70	396,640
1981	3,450	3,050	24.5	27.5	83,875	3.59	301,111
1982	3,300	2,910	24.5	28.0	81,480	3.34	272,143
1983	3,800	3,000	31.0	39.0	117,000	3.23	377,910
1984	3,800	3,200	29.0	34.5	110,400	3.18	351,072
1985	3,700	3,450	36.5	39.0	134,550	2.76	371,358
1986	3,300	2,900	28.0	32.0	92,800	2.25	208,800
1987	3,100	2,500	30.0	37.5	93,750	2.51	235,313
1988	2,500	2,300	30.5	33.0	75,900	3.69	280,071
1989	2,700	2,200	21.0	26.0	57,200	3.68	210,496
1990	2,700	2,550	31.0	33.0	84,150	2.47	207,851
1991	2,600	2,300	27.5	31.0	71,300	3.07	218,891
1992	2,650	2,300	26.0	30.0	69,000	3.15	217,350
1993	2,800	2,550	33.5	37.0	94,350	3.20	301,920
Spring Wheat							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	30	26	42.5	49.0	1,274	2.32	2,956
1978	38	33	53.0	61.0	2,013	2.67	5,375
1979	45	41	58.5	64.0	2,624	3.49	9,158
1980	54	50	57.5	62.0	3,100	3.59	11,129
1981	61	58	65.5	69.0	4,002	3.41	13,647
1982	50	48	70.0	73.0	3,504	3.54	12,404
1983	65	63	78.5	81.0	5,103	3.40	17,350
1984	75	70	61.5	66.0	4,620	3.35	15,477
1985	74	72	64.0	66.0	4,752	3.19	15,159
1986	60	55	60.5	66.0	3,630	2.46	8,930
1987	60	55	60.5	66.0	3,630	2.60	9,438
1988	54	52	67.5	70.0	3,640	3.62	13,177
1989	75	70	65.5	70.0	4,900	3.45	16,905
1990	42	40	66.5	70.0	2,800	2.28	6,384
1991	38	36	71.0	75.0	2,700	3.05	8,235
1992	50	47	72.5	77.0	3,619	3.00	10,857
1993	35	33	75.5	80.0	2,640	2.80	7,392

Field Crops: Acreage, production and value, Colorado, 1977-93

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
Corn for Grain ^{1/}							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	970	695	<u>2/</u>	116.0	80,620	1.94	156,403
1978	1,015	730	<u>2/</u>	110.0	80,300	2.26	181,478
1979	1,015	760	<u>2/</u>	127.0	96,520	2.55	246,126
1980	970	760	<u>2/</u>	118.0	89,680	3.06	274,421
1981	960	770	<u>2/</u>	135.0	103,950	2.50	259,875
1982	980	790	<u>2/</u>	129.0	101,910	2.75	280,253
1983	780	610	<u>2/</u>	122.0	74,420	3.17	235,911
1984	840	680	<u>2/</u>	134.0	91,120	2.66	242,379
1985	875	745	<u>2/</u>	139.0	103,555	2.37	245,425
1986	820	710	<u>2/</u>	145.0	102,950	1.60	164,720
1987	800	690	<u>2/</u>	155.0	106,950	1.95	208,553
1988	910	800	<u>2/</u>	160.0	128,000	2.54	325,120
1989	1,050	930	<u>2/</u>	145.0	134,850	2.32	312,852
1990	950	830	<u>2/</u>	155.0	128,650	2.36	303,614
1991	950	840	<u>2/</u>	153.0	128,520	2.43	312,304
1992	930	835	<u>2/</u>	148.0	123,580	2.23	275,583
1993	940	825	<u>2/</u>	120.0	99,000	2.70	267,300
Corn for Silage ^{1/}							
	1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1977	970	248	<u>2/</u>	18.0	4,464	15.00	66,960
1978	1,015	254	<u>2/</u>	19.0	4,826	15.50	74,803
1979	1,015	240	<u>2/</u>	20.0	4,800	18.00	86,400
1980	970	193	<u>2/</u>	18.5	3,571	21.00	74,991
1981	960	176	<u>2/</u>	20.5	3,608	19.60	70,717
1982	980	178	<u>2/</u>	21.5	3,827	19.10	73,096
1983	780	160	<u>2/</u>	21.0	3,360	21.60	72,576
1984	840	157	<u>2/</u>	22.0	3,454	21.70	74,952
1985	875	128	<u>2/</u>	23.0	2,944	20.00	58,880
1986	820	95	<u>2/</u>	22.0	2,090	16.40	34,276
1987	800	105	<u>2/</u>	22.0	2,310	15.30	35,343
1988	910	105	<u>2/</u>	23.0	2,415	22.20	53,613
1989	1,050	115	<u>2/</u>	22.0	2,530	21.30	53,889
1990	950	117	<u>2/</u>	22.5	2,633	21.60	56,873
1991	950	105	<u>2/</u>	22.0	2,310	20.00	46,200
1992	930	87	<u>2/</u>	22.5	1,957	19.10	37,379
1993	940	100	<u>2/</u>	21.0	2,100	19.90	41,790
Barley							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	300	250	47.5	57.0	14,250	2.35	33,488
1978	260	230	55.0	62.0	14,260	2.31	32,941
1979	295	275	63.5	68.0	18,700	2.39	44,693
1980	265	245	60.0	65.0	15,925	2.87	45,705
1981	284	270	59.0	62.0	16,740	2.81	47,039
1982	225	215	70.5	74.0	15,910	2.96	47,094
1983	232	220	71.0	75.0	16,500	2.97	49,005
1984	350	325	57.5	62.0	20,150	2.61	52,592
1985	360	340	60.5	64.0	21,760	2.60	56,576
1986	390	350	55.5	62.0	21,700	2.15	46,655
1987	230	220	61.0	64.0	14,080	2.56	36,045
1988	185	175	63.5	67.0	11,725	3.01	35,292
1989	190	160	64.0	76.0	12,160	3.28	39,885
1990	155	150	77.5	80.0	12,000	3.06	36,720
1991	140	130	74.5	80.0	10,400	3.14	32,656
1992	130	120	69.0	81.0	9,720	2.57	24,980
1993	100	90	76.5	85.0	7,650	2.95	22,568

^{1/} "Planted acres" for corn pertain to acreage planted for all purposes.

^{2/} Not available.

Field Crops: Acreage, production and value, Colorado, 1977-93

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
Sorghum for Grain ^{1/}							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	475	285	<u>2/</u>	31.0	8,835	1.82	16,080
1978	500	340	<u>2/</u>	31.0	10,540	1.76	18,550
1979	490	340	<u>2/</u>	38.0	12,920	2.16	27,907
1980	490	350	<u>2/</u>	35.0	12,250	2.94	36,015
1981	455	365	<u>2/</u>	33.0	12,045	2.23	26,860
1982	385	310	<u>2/</u>	33.0	10,230	2.58	26,393
1983	295	240	<u>2/</u>	29.0	6,960	2.79	19,418
1984	500	430	<u>2/</u>	37.0	15,910	2.36	37,548
1985	370	320	<u>2/</u>	35.0	11,200	2.03	22,736
1986	380	300	<u>2/</u>	39.0	11,700	1.42	16,614
1987	400	210	<u>2/</u>	43.0	9,030	1.84	16,615
1988	270	180	<u>2/</u>	46.0	8,280	2.25	18,630
1989	400	325	<u>2/</u>	35.0	11,375	2.20	25,025
1990	270	220	<u>2/</u>	47.0	10,340	2.09	21,611
1991	320	270	<u>2/</u>	40.0	10,800	2.25	24,300
1992	240	190	<u>2/</u>	37.0	7,030	1.92	13,498
1993	230	190	<u>2/</u>	42.0	7,980	2.58	20,588
Sorghum for Silage ^{1/}							
	1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1977	475	20	<u>2/</u>	7.0	140	14.30	2,002
1978	500	23	<u>2/</u>	11.0	253	15.00	3,795
1979	490	25	<u>2/</u>	13.0	325	16.50	5,363
1980	490	22	<u>2/</u>	15.0	330	19.00	6,270
1981	455	28	<u>2/</u>	13.0	364	18.00	6,552
1982	385	28	<u>2/</u>	11.0	308	18.70	5,760
1983	295	20	<u>2/</u>	13.0	260	21.80	5,668
1984	500	22	<u>2/</u>	11.0	242	19.30	4,671
1985	370	18	<u>2/</u>	16.0	288	13.70	3,946
1986	380	19	<u>2/</u>	13.0	247	12.20	3,013
1987	400	18	<u>2/</u>	15.0	270	12.60	3,402
1988	270	22	<u>2/</u>	13.0	286	17.00	4,862
1989	400	25	<u>2/</u>	14.0	350	18.00	6,300
1990	270	20	<u>2/</u>	13.0	260	19.50	5,070
1991	320	22	<u>2/</u>	15.0	330	17.70	5,841
1992	240	20	<u>2/</u>	18.0	360	18.00	6,480
1993	230	22	<u>2/</u>	16.0	352	20.00	7,040
Oats							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	115	31	13.0	47.5	1,473	.96	1,414
1978	121	40	15.5	47.0	1,880	1.40	2,632
1979	115	50	23.0	53.0	2,650	1.60	4,240
1980	100	33	17.0	51.0	1,683	2.30	3,871
1981	74	26	17.5	50.0	1,300	2.30	2,990
1982	90	40	23.0	52.0	2,080	1.80	3,744
1983	115	42	21.0	57.0	2,394	1.90	4,549
1984	130	50	21.0	55.0	2,750	1.85	5,088
1985	115	55	25.5	53.0	2,915	1.60	4,664
1986	90	40	24.5	55.0	2,200	1.40	3,080
1987	100	50	27.0	54.0	2,700	1.60	4,320
1988	110	60	27.5	50.0	3,000	2.45	7,350
1989	95	55	32.0	55.0	3,025	1.45	4,386
1990	90	45	25.0	50.0	2,250	1.70	3,825
1991	88	30	20.5	60.0	1,800	1.60	2,880
1992	90	35	23.5	60.0	2,100	1.70	3,570
1993	87	32	23.0	62.0	1,984	1.80	3,571

^{1/} "Planted acres" for sorghum pertains to acreage planted for all purposes.

^{2/} Not available.

Field Crops: Acreage, production and value, Colorado, 1977-93

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
All Potatoes							
	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1977	44.0	43.3	257	261	11,292	2.88	32,519
1978	48.5	47.8	268	272	13,009	2.34	30,310
1979	47.1	46.4	284	288	13,353	2.91	38,819
1980	43.0	42.3	292	297	12,545	6.70	84,296
1981	47.5	46.8	284	289	13,504	4.70	63,451
1982	52.5	51.9	278	282	14,619	3.65	53,320
1983	54.0	53.3	293	297	15,820	6.25	99,098
1984	60.8	60.1	316	320	19,213	4.75	90,931
1985	64.1	63.4	314	318	20,140	2.50	49,533
1986	63.9	63.9	327	327	20,880	4.40	91,422
1987	67.5	66.3	316	322	21,359	2.10	44,164
1988	66.2	65.6	316	319	20,901	7.15	149,993
1989	68.8	68.2	331	334	22,747	8.10	184,899
1990	72.8	72.2	342	345	24,874	4.65	115,681
1991	78.0	74.9	331	345	25,836	2.25	57,576
1992	73.4	72.7	329	332	24,120	4.20	100,702
1993	80.8	80.4	344	346	27,812	5.60	156,503
Fall Potatoes							
	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1977	37.0	36.5	256	260	9,490	2.80	26,572
1978	41.5	41.0	272	275	11,275	2.15	24,241
1979	40.0	39.5	286	290	11,455	2.90	33,220
1980	37.0	36.5	296	300	10,950	7.05	77,198
1981	40.5	40.0	286	290	11,600	4.60	53,360
1982	45.5	45.0	282	285	12,825	3.50	44,888
1983	47.0	46.5	297	300	13,950	6.40	89,280
1984	53.5	53.0	322	325	17,225	4.65	80,096
1985	56.5	56.0	317	320	17,920	2.25	40,320
1986	57.0	57.0	330	330	18,810	4.20	79,002
1987	61.0	60.0	320	325	19,500	1.75	34,125
1988	60.0	59.5	317	320	19,040	7.35	139,944
1989	62.0	61.5	332	335	20,603	8.35	172,035
1990	65.5	65.0	347	350	22,750	4.45	101,238
1991	71.0	68.0	335	350	23,800	2.00	47,600
1992	66.5	66.0	332	335	22,110	4.05	89,546
1993	72.5	72.2	349	350	25,270	5.65	142,776
Summer Potatoes							
	1,000 Acres	1,000 Acres	Cwt.	Cwt.	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1977	7.0	6.8	257	265	1,802	3.30	5,947
1978	7.0	6.8	248	255	1,734	3.50	6,069
1979	7.1	6.9	267	275	1,898	2.95	5,599
1980	6.0	5.8	266	275	1,595	4.45	7,098
1981	7.0	6.8	272	280	1,904	5.30	10,091
1982	7.0	6.9	256	260	1,794	4.70	8,432
1983	7.0	6.8	267	275	1,870	5.25	9,818
1984	7.3	7.1	272	280	1,988	5.45	10,835
1985	7.6	7.4	292	300	2,220	4.15	9,213
1986	6.9	6.9	300	300	2,070	6.00	12,420
1987	6.5	6.3	286	295	1,859	5.40	10,039
1988	6.2	6.1	300	305	1,861	5.40	10,049
1989	6.8	6.7	315	320	2,144	6.00	12,864
1990	7.3	7.2	291	295	2,124	6.80	14,443
1991	7.0	6.9	291	295	2,036	4.90	9,976
1992	6.9	6.7	291	300	2,010	5.55	11,156
1993	8.3	8.2	306	310	2,542	5.40	13,727

Field Crops: Acreage, production and value, Colorado, 1977-93

Year	Acreage		Yield per acre		Production	Value per unit	Total value
	Planted	Harvested	Planted	Harvested			
Dry Beans 1/							
	1,000 Acres	1,000 Acres	Pounds	Pounds	1,000 Cwt.	Dollars Per Cwt.	1,000 Dollars
1977	165	140	720	850	1,190	19.00	22,610
1978	175	160	930	1,020	1,632	17.00	27,744
1979	175	165	950	1,010	1,667	26.60	44,342
1980	220	215	1,060	1,080	2,322	28.70	66,641
1981	230	225	1,340	1,370	3,083	14.80	45,628
1982	190	185	1,120	1,150	2,128	11.70	24,898
1983	155	150	1,080	1,120	1,680	18.40	30,912
1984	195	190	1,230	1,260	2,394	16.70	39,980
1985	210	205	1,330	1,360	2,788	17.20	47,954
1986	191	185	1,450	1,500	2,775	15.20	42,180
1987	185	180	1,450	1,490	2,682	14.60	39,157
1988	160	155	1,600	1,650	2,558	31.20	79,810
1989	195	185	1,590	1,680	3,108	30.40	94,483
1990	245	225	1,740	1,900	4,275	15.90	67,973
1991	190	180	1,750	1,850	3,330	13.70	45,621
1992	164	159	1,590	1,640	2,608	19.00	49,552
1993	205	185	1,380	1,530	2,831	27.70	78,419
Sugar Beets							
	1,000 Acres	1,000 Acres	Tons	Tons	1,000 Tons	Dollars Per Ton	1,000 Dollars
1977	77.0	72.0	18.2	19.5	1,404	26.30	36,925
1978	89.0	84.0	17.3	18.3	1,538	27.60	42,449
1979	76.0	73.0	17.9	18.6	1,358	34.10	46,308
1980	94.0	91.0	18.4	19.0	1,729	47.50	82,128
1981	80.0	77.0	21.7	22.5	1,733	33.80	58,575
1982	50.0	46.0	18.4	20.0	920	35.00	32,200
1983	42.0	37.2	14.4	16.2	603	33.40	20,140
1984	48.3	44.2	20.0	21.8	964	22.40	21,594
1985	2.9	2.5	15.9	18.4	46	27.40	1,260
1986	37.8	37.2	23.5	23.9	889	32.90	29,248
1987	37.4	37.0	21.5	21.7	803	35.40	28,426
1988	39.1	38.6	22.5	22.8	880	42.10	37,048
1989	40.6	40.0	22.5	22.8	912	43.70	39,854
1990	40.8	40.0	23.1	23.6	944	39.80	37,571
1991	40.7	40.2	23.7	24.0	965	39.80	38,407
1992	40.2	39.9	23.7	23.9	954	39.50	37,683
1993	40.3	40.0	22.9	23.1	924	2/	2/
Rye							
	1,000 Acres	1,000 Acres	Bushels	Bushels	1,000 Bushels	Dollars Per Bu.	1,000 Dollars
1977	30	4	2.5	20.0	80	1.60	128
1978	30	5	3.5	21.0	105	1.45	152
1979	20	3	3.0	20.0	60	2.35	141
1980	10	2	4.0	20.0	40	2.60	104
1981	15	3	4.0	19.5	59	3.05	180
1982	17	2	2.0	19.0	38	2.25	86
1983	12	2	3.0	19.0	38	2.05	78
1984	15	1	1.0	17.0	17	1.65	28
1985	13	2	3.5	22.0	44	1.95	86
1986	15	2	3.0	21.0	42	1.15	48
1987	18	3	4.0	24.0	72	1.25	90
1988	18	6	8.5	25.0	150	2.15	323
1989	25	4	3.0	20.0	80	1.65	132
1990	15	3	5.5	28.0	84	1.70	143
1991	15	3	5.0	26.0	78	1.90	148
1992	10	2	5.0	25.0	50	2.30	115
1993	11	1	2.5	25.0	25	2.40	60

1/ Yield, production, and value on clean basis.

2/ Not available.

Field Crops: Acreage, production and value, Colorado, 1977-93

	Acreage harvested	Yield per acre	Production	Value per ton	Total value
All Hay					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1977	1,415	2.04	2,890	56.00	161,840
1978	1,470	2.20	3,228	50.00	161,400
1979	1,540	2.32	3,574	53.00	189,422
1980	1,500	2.18	3,276	64.50	211,302
1981	1,350	2.30	3,105	65.00	201,825
1982	1,360	2.34	3,176	66.00	209,616
1983	1,470	2.28	3,357	68.50	229,955
1984	1,430	2.32	3,311	72.00	238,392
1985	1,445	2.52	3,644	57.50	209,530
1986	1,410	2.58	3,642	58.00	211,236
1987	1,500	2.70	4,044	62.00	250,728
1988	1,650	2.40	3,957	82.00	324,474
1989	1,500	2.30	3,450	91.50	315,450
1990	1,550	2.45	3,805	80.50	303,953
1991	1,500	2.71	4,062	70.50	287,076
1992	1,420	2.79	3,961	64.50	253,035
1993	1,400	3.05	4,275	78.00	332,453
Alfalfa Hay					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1977	745	2.80	2,086	55.40	115,610
1978	780	2.90	2,262	50.10	113,293
1979	790	3.10	2,449	53.30	130,584
1980	780	3.00	2,340	63.90	149,526
1981	740	3.00	2,220	64.60	143,415
1982	710	3.10	2,201	66.50	146,241
1983	720	3.10	2,232	70.50	157,392
1984	770	3.10	2,387	74.00	176,484
1985	820	3.30	2,706	58.00	157,000
1986	770	3.40	2,618	58.80	153,892
1987	830	3.50	2,905	62.40	181,249
1988	780	3.40	2,652	85.70	227,252
1989	750	3.20	2,400	92.50	222,000
1990	740	3.50	2,590	81.00	209,790
1991	720	3.80	2,736	71.00	194,256
1992	720	3.80	2,736	64.50	176,472
1993	850	3.80	3,230	78.50	253,555
All Other Hay ^{1/}					
	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1977	670	1.20	804	57.50	46,230
1978	690	1.40	966	49.80	48,107
1979	750	1.50	1,125	52.30	58,838
1980	720	1.30	936	66.00	61,776
1981	610	1.45	885	66.00	58,410
1982	650	1.50	975	65.00	63,375
1983	750	1.50	1,125	64.50	72,563
1984	660	1.40	924	67.00	61,908
1985	625	1.50	938	56.00	52,530
1986	640	1.60	1,024	56.00	57,344
1987	670	1.70	1,139	61.00	69,479
1988	870	1.50	1,305	74.50	97,222
1989	750	1.40	1,050	89.00	93,450
1990	810	1.50	1,215	77.50	94,163
1991	780	1.70	1,326	70.00	92,820
1992	700	1.75	1,225	62.50	76,563
1993	550	1.90	1,045	75.50	78,898

^{1/} Includes wild, millet, sudan, clover & timothy, grain, and other miscellaneous tame hays.

Field Crops: Acreage and production by cropping practice, Colorado, 1983-93

Year	Irrigated			Non-irrigated			Total	
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Production
All Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	243.0	65.0	15,829	2,820.0	37.5	106,274	3,063	122,103
1984	271.5	63.5	17,302	2,998.5	32.5	97,718	3,270	115,020
1985	245.5	67.5	16,578	3,276.5	37.5	122,724	3,522	139,302
1986	229.0	58.0	13,335	2,726.0	30.5	83,095	2,955	96,430
1987	242.0	57.5	13,963	2,313.0	36.0	83,417	2,555	97,380
1988	205.0	59.5	12,150	2,147.0	31.5	67,390	2,352	79,540
1989	188.7	54.0	10,196	2,081.3	25.0	51,904	2,270	62,100
1990	181.5	61.0	11,040	2,408.5	31.5	75,910	2,590	86,950
1991	147.0	61.5	9,048	2,189.0	29.5	64,952	2,336	74,000
1992	167.0	65.0	10,896	2,180.0	28.5	61,723	2,347	72,619
1993	173.0	59.5	10,296	2,410.0	36.0	86,694	2,583	96,990
Winter Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	190.0	57.5	10,960	2,810.0	37.5	106,040	3,000	117,000
1984	220.0	59.5	13,130	2,980.0	32.5	97,270	3,200	110,400
1985	193.0	63.0	12,196	3,257.0	37.5	122,354	3,450	134,550
1986	188.0	53.0	9,983	2,712.0	30.5	82,817	2,900	92,800
1987	200.0	53.0	10,600	2,300.0	36.0	83,150	2,500	93,750
1988	160.0	54.0	8,640	2,140.0	31.5	67,260	2,300	75,900
1989	130.0	42.0	5,460	2,070.0	25.0	51,740	2,200	57,200
1990	150.0	56.0	8,400	2,400.0	31.5	75,750	2,550	84,150
1991	120.0	55.0	6,600	2,180.0	29.5	64,700	2,300	71,300
1992	130.0	58.5	7,600	2,170.0	28.5	61,400	2,300	69,000
1993	145.0	53.5	7,760	2,405.0	36.0	86,590	2,550	94,350
Spring Wheat								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	53.0	92.0	4,869	10.0	23.5	234	63	5,103
1984	51.5	81.0	4,172	18.5	24.0	448	70	4,620
1985	52.5	83.5	4,382	19.5	19.0	370	72	4,752
1986	41.0	82.0	3,352	14.0	20.0	278	55	3,630
1987	42.0	80.0	3,363	13.0	20.5	267	55	3,630
1988	45.0	78.0	3,510	7.0	18.5	130	52	3,640
1989	58.7	80.5	4,736	11.3	14.5	164	70	4,900
1990	31.5	84.0	2,640	8.5	19.0	160	40	2,800
1991	27.0	90.5	2,448	9.0	28.0	252	36	2,700
1992	37.0	89.0	3,296	10.0	32.5	323	47	3,619
1993	28.0	90.5	2,536	5.0	21.0	104	33	2,640
Barley								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	169	87.0	14,665	51	36.0	1,835	220	16,500
1984	195	84.0	16,410	130	29.0	3,740	325	20,150
1985	184	87.5	16,144	156	36.0	5,616	340	21,760
1986	175	88.5	15,485	175	35.5	6,215	350	21,700
1987	129	81.5	10,531	91	39.0	3,549	220	14,080
1988	111	87.0	9,680	64	32.0	2,045	175	11,725
1989	117	92.5	10,827	43	31.0	1,333	160	12,160
1990	126	90.0	11,350	24	27.0	650	150	12,000
1991	112	88.5	9,890	18	28.5	510	130	10,400
1992	104	89.0	9,249	16	29.5	471	120	9,720
1993	80	91.5	7,325	10	32.5	325	90	7,650

Field Crops: Acreage and production by cropping practice, Colorado, 1983-93

Year	Irrigated			Non-irrigated			Total	
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Production
Corn for Grain								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	590	125.0	73,650	20	38.5	770	610	74,420
1984	660	137.0	90,420	20	35.0	700	680	91,120
1985	721	142.5	102,691	24	36.0	864	745	103,555
1986	682	149.0	101,774	28	42.0	1,176	710	102,950
1987	670	158.0	105,950	20	50.0	1,000	690	106,950
1988	778	163.0	126,793	22	55.0	1,207	800	128,000
1989	902	148.0	133,310	28	55.0	1,540	930	134,850
1990	804	158.0	127,150	26	57.5	1,500	830	128,650
1991	807	157.0	126,720	33	54.5	1,800	840	128,520
1992	785	153.5	120,330	50	65.5	3,250	835	123,580
1993	740	128.0	94,700	85	50.5	4,300	825	99,000
Sorghum for Grain								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	62	56.0	3,472	178	19.5	3,488	240	6,960
1984	90	75.5	6,817	340	26.5	9,093	430	15,910
1985	66	72.0	4,752	254	25.5	6,448	320	11,200
1986	65	85.0	5,534	235	26.0	6,166	300	11,700
1987	50	82.5	4,125	160	30.5	4,905	210	9,030
1988	55	77.0	4,235	125	32.5	4,045	180	8,280
1989	75	60.0	4,500	250	27.5	6,875	325	11,375
1990	64	76.0	4,850	156	35.0	5,490	220	10,340
1991	65	60.0	3,900	205	33.5	6,900	270	10,800
1992	50	54.5	2,714	140	31.0	4,316	190	7,030
1993	45	64.5	2,911	145	35.0	5,069	190	7,980
Dry Beans ^{1/}								
	1,000 Acres	Pounds	1,000 Cwt.	1,000 Acres	Pounds	1,000 Cwt.	1,000 Acres	1,000 Cwt.
1983	76.0	1,790	1,358	74.0	440	322	150	1,680
1984	103.0	1,940	2,002	87.0	450	392	190	2,394
1985	131.0	1,930	2,528	74.0	350	260	205	2,788
1986	124.0	2,050	2,543	61.0	380	232	185	2,775
1987	131.0	1,870	2,450	49.0	470	232	180	2,682
1988	124.0	1,950	2,418	31.0	450	140	155	2,558
1989	150.0	2,000	3,003	35.0	300	105	185	3,108
1990	190.0	2,190	4,155	35.0	340	120	225	4,275
1991	148.0	2,150	3,188	32.0	500	142	180	3,330
1992	121.0	2,000	2,414	38.0	510	194	159	2,608
1993	142.5	1,880	2,680	42.5	360	151	185	2,831
Oats								
	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	Bushels	1,000 Bushels	1,000 Acres	1,000 Bushels
1983	29.0	66.5	1,926	13.0	36.0	468	42.0	2,394
1984	29.0	65.0	1,887	21.0	41.0	863	50.0	2,750
1985	31.0	64.5	2,003	24.0	38.0	912	55.0	2,915
1986	23.0	68.5	1,576	17.0	37.0	628	40.0	2,204
1987	20.0	65.5	1,310	30.0	46.5	1,390	50.0	2,700
1988	26.0	68.0	1,774	34.0	36.0	1,226	60.0	3,000
1989	33.0	75.0	2,475	22.0	25.0	550	55.0	3,025
1990	27.0	64.5	1,742	18.0	28.0	508	45.0	2,250
1991	17.0	76.5	1,298	13.0	38.5	502	30.0	1,800
1992	19.5	76.0	1,480	15.5	40.0	620	35.0	2,100
1993	20.0	77.0	1,540	12.0	37.0	444	32.0	1,984

^{1/} Yield and production, clean basis.

1993 CROP REVIEW

The combined value of production for small grain, hay, and late season row crops (excluding sugar beets) produced in 1993 totaled \$1,251.3 million compared with the comparable value of \$1,002.5 million for the 1992 crops. Colorado producers had a larger output in 1993 than they did in 1992 for winter wheat, corn for silage, sorghum for grain, dry beans, all hay, and all potatoes. The production from all other crops was lower than the previous year.

All hay was the state's leading crop in terms of the value of production by contributing \$332.5 or 26.6 percent of the total value from all crops. The 1993 crop of 4.28 million tons was 8 percent above the 3.96 million tons produced in 1992 as a result of higher yield per acre on fewer acres harvested. The acreage harvested and production of alfalfa was higher than last year while the yield per acre remained the same. Other hay production was lower as fewer acres harvested more than offset a higher yield. Hay prices averaged much above a year earlier for each type of hay.

The 96.99 million bushels of all wheat produced in 1993 was valued at \$309.3 million, making it the second most important crop in the state in terms of value. Winter wheat production, at 94.35 million bushels on 2.55 million acres harvested, was 37 percent higher than the previous year, the result of higher yields and an increase of 250,000 acres harvested from a year earlier. The crop broke dormancy in mostly good to excellent condition. Dry warm conditions in May lowered the condition ratings slightly but cool temperatures and good precipitation benefitted the crop the remainder of the season. Hail storms during June and July that hit Kit Carson, Yuma, and Washington counties hurt yield and increased abandonment. But where the hail did not develop, the moisture was a benefit. Spring wheat production declined 27 percent from 1992 to 2.64 million bushels as a 30 percent reduction in acreage harvested more than offset slightly better per acre yields.

Corn for grain dropped from the leading crop last year to the third most important crop in the state in terms of the value of production by contributing \$267.3 million or 21.4 percent of the total value from all crops. The 1993 crop of 99.0 million bushels was 20 percent less than the 123.58 million bushels produced in 1992 as a result of 10,000 fewer acres harvested and a much lower yield per acre. Yuma county, the state's leading corn producing county, was hit with numerous hail storms which lowered corn production. The summer was cooler than average so the corn did not reach full yield potential. The average yield of 120 bushels per

acre was 28 bushels less than the 1992 average. Corn silage production was up 7 percent from 1992 to 2.10 million tons as the increase in acreage harvested more than offset a slightly lower yield.

The value of production of all potatoes totaled \$156.50 million in 1993, up 55 percent from the previous year. Fall potato production was up 14 percent to 25.27 million cwt as growers harvested more acres and had higher yields per acre. Summer potato production, at 2.54 million cwt, was up 26 percent.

Dry bean production increased 9 percent from a year earlier to 2.83 million cwt and prices averaged higher resulting in a 58 percent increase in total value to \$78.42 million in 1993. Yields were less than the previous year but acres harvested increased. While no value has yet been determined for the 1993 crop of sugar beets, the 924 thousand tons of beets produced was down 3 percent from a year earlier.

Barley production declined 21 percent from 1992 to 7.65 million bushels in 1993 as growers harvested fewer acres but had higher yields. The 1993 crop value of \$22.57 million was down from \$24.98 million for the 1992 crop. Sorghum for grain production increased 14 percent from 1992 to 7.98 million bushels. Prices were also higher, pushing total value to \$20.59 million, up 53 percent from 1992. Oats production for 1993 was 6 percent below 1992, but with higher prices, the total value of \$3.57 million was basically unchanged.

The 1993 output of sunflowers was valued at \$11.72 million compared with \$9.38 million for the 1992 crop. Sunflower production decreased 3 percent from 1992 to 89.0 million pounds in 1993. Of the 89.0 million pounds harvested, 60.48 million pounds was from oil varieties and 28.52 million pounds was from non-oil varieties. Growers increased the acreage harvested of oil varieties by 10,000 acres from 1992 to 54,000 acres in 1993 while the acreage of non-oil varieties remained at 23,000 acres. Per acre yields declined for each type.

Winter wheat seedings for the 1994 crop were completed with many areas reporting short or very short top soil moisture. Most of September had occasional rainfall and below normal temperatures but producers finished planting the crop near the average pace. Emergence was also near normal. While the crop was rated in mostly good to excellent condition, growth was less than normal. Temperatures in October were near normal and winter conditions did not hit the state until early November. Generally mild winter conditions helped the crop and it broke dormancy in mostly good to excellent condition.

1993 COLORADO WEATHER SUMMARY IN BRIEF

January - The Continental Divide served to effectively separate weather conditions. West of the Divide, frequent intrusions of mild and moist Pacific air resulted in precipitation almost every day for the first three weeks. The storms dissipated as they moved east, and a shallow layer of cold air remained in place east of the mountains much of the month, interrupted by a few warmer days. Most precipitation east of the mountains was light.

February - The mountains and western valleys were besieged by frequent and heavy record breaking wet snows and low-elevation rains. Extreme southwestern areas had one of the wettest February's on record. At the same time, arctic air repeatedly visited eastern areas, adding to the string of colder-than-average months. Two storms in mid month left most of the Eastern Plains snowcovered and wetter than average.

March - The various weather combinations during the month typified March in Colorado. There was rain, wet snow, a little thunder, some sunny weather, warm days, cold days, and plenty of wind. High mountain snows continued to accumulate while most snow at lower elevations melted off by month's end. Precipitation was widely varied with equal areas above and below average. Temperatures averaged a little warmer than usual.

April - No less than 7 significant storm systems crossed the state with several other minor disturbances. The weather patterns moved and changed frequently. The month's precipitation was above average. Temperatures fluctuated widely with no lasting or unusual extremes of either warmth or cold, but averaging a little cooler than usual.

May - Widespread storm systems early in the month with strong winds, cold temperatures, and snow gave way to summerlike weather the last half. Numerous daily thundershowers were accompanied by tornadoes and hail. Warm temperatures and locally heavy thunderstorms in the mountains caused some rivers on the Western slope to overflow.

June - Springlike storm systems with strong winds and mountain snows made parts of June seem like April or May. However, summer arrived with episodes of severe thunderstorms and hot, dry weather late in the month. Individual storms were quite heavy, especially in the southeast and along the northern Front Range. For the month as a whole, temperatures were cooler than average while precipitation was mostly below average.

July - Following the pattern of remarkable extremes across the US, Colorado weather was no exception. Overall, cooler and drier than average conditions prevailed statewide. However, extremes of heat and cold, severe tornadoes and hail, flooding rains, a record windstorm and mountain snow all took place during the month.

August - Following one of the driest June-July periods in the mountains in several years, moisture streamed into southern areas during the month. Some locals had as many as 22 days with rain. Northwestern and north central areas remained drier than average. With the persistent cloudiness across the southern portions of the state, temperatures for the month averaged about two degrees below normal.

September - Thunderstorms with hail and damaging winds, heavy snows, heatwaves, early freezes, fog, and strong winds were all part of the month's weather. However, there were also a lot of lovely autumn days. Precipitation totals for the month were below normal except for the Front Range and much of the northern and central mountains. Temperatures fluctuated from near record highs to near record lows, but averaged cooler than usual for the state as a whole.

October - The September theme of stormy and extremely changeable weather continued into October. Near record warmth was followed by snow and near record cold with a few thunderstorms also occurring. Precipitation totals varied greatly, but were well above average over northern areas and across wide areas of the Eastern Plains. Overall, temperatures were cooler than average statewide for the fifth consecutive month.

November - This was the sixth month in a row with colder than average temperatures. Precipitation was above average over most of the northern and eastern areas. The month featured numerous mild days and fairly typical amounts of sunshine. However powerful rain and snow the 11th-14th and a record setting cold wave at Thanksgiving time affected the entire state.

December - Several fast-moving storms moved across the state, but they brought more wind than snow especially along the Front Range. Many small doses of snow were received in the mountains, but precipitation for the month ended up well below average over most of the state. The persistent westerly winds kept temperatures warmer than average across the Eastern Plains while temperatures in the mountains and Western Slope were near normal to below.

Field Crops: Acreage, production and value, Colorado, 1992-93

Year and Crop	Acreage planted	Acreage harvested	Yield per acre	Total production	Unit	Value per unit	Total value
1992	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,700,000	2,347,000	30.9	72,619,000	Bu.	3.15	228,207
Winter wheat	2,650,000	2,300,000	30.0	69,000,000	Bu.	3.15	217,350
Spring wheat	50,000	47,000	77.0	3,619,000	Bu.	3.00	10,857
Corn, all purposes	930,000	...	...	...	...	...	312,962
Corn for grain .....	...	835,000	148.0	123,580,000	Bu.	2.23	275,583
Corn for silage .....	...	87,000	22.5	1,957,000	Tons	19.10	37,379
Sorghum, all purposes	240,000	...	...	...	...	...	19,978
Sorghum for grain .....	...	190,000	37.0	7,030,000	Bu.	1.92	13,498
Sorghum for silage .....	...	20,000	18.0	360,000	Tons	18.00	6,480
Barley	130,000	120,000	81.0	9,720,000	Bu.	2.57	24,980
Oats	90,000	35,000	60.0	2,100,000	Bu.	1.70	3,570
Rye	10,000	2,000	25.0	50,000	Bu.	2.30	115
Dry beans <u>1/</u>	164,000	159,000	16.40	2,608,000	Cwt.	19.00	49,552
Sugar beets	40,200	39,900	23.9	954,000	Tons	39.50	37,683
All Sunflowers <u>2/</u>	70,000	67,000	1,367	91,600,000	Lbs.	10.20 <u>3/</u>	9,384
Oil varieties	46,000	44,000	1,350	59,400,000	Lbs.	8.75 <u>3/</u>	5,198
Non-Oil varieties	24,000	23,000	1,400	32,200,000	Lbs.	13.00 <u>3/</u>	4,186
All hay .....	...	1,420,000	2.79	3,961,000	Tons	64.50	253,035
Alfalfa hay .....	...	720,000	3.80	2,736,000	Tons	64.50	176,472
All other hay .....	...	700,000	1.75	1,225,000	Tons	62.50	76,563
All potatoes	73,400	72,700	332	24,120,000	Cwt.	4.20	100,702
Summer potatoes	6,900	6,700	300	2,010,000	Cwt.	5.55	11,156
Fall potatoes	66,500	66,000	335	22,110,000	Cwt.	4.05	89,546
Total field crops .....	...	5,394,600	...	...	...	...	1,040,168
1993	Acres	Acres	Unit	Units		Dollars	1,000 Dollars
All wheat	2,835,000	2,583,000	37.5	96,990,000	Bu.	3.15	309,312
Winter wheat	2,800,000	2,550,000	37.0	94,350,000	Bu.	3.20	301,920
Spring wheat	35,000	33,000	80.0	2,640,000	Bu.	2.80	7,392
Corn, all purposes	940,000	...	...	...	...	...	309,090
Corn for grain .....	...	825,000	120.0	99,000,000	Bu.	2.70	267,300
Corn for silage .....	...	100,000	21.0	2,100,000	Tons	19.90	41,790
Sorghum, all purposes	230,000	...	...	...	...	...	27,628
Sorghum for grain .....	...	190,000	42.0	7,980,000	Bu.	2.58	20,588
Sorghum for silage .....	...	22,000	16.0	352,000	Tons	20.00	7,040
Barley	100,000	90,000	85.0	7,650,000	Bu.	2.95	22,568
Oats	87,000	32,000	62.0	1,984,000	Bu.	1.80	3,571
Rye	11,000	1,000	25.0	25,000	Bu.	2.40	60
Dry beans <u>1/</u>	205,000	185,000	15.30	2,831,000	Cwt.	27.70	78,419
Sugar beets	40,300	40,000	23.1	924,000	Tons	<u>4/</u>	<u>4/</u>
All Sunflowers <u>2/</u>	85,000	77,000	1,156	89,000,000	Lbs.	13.20 <u>3/</u>	11,717
Oil varieties	60,000	54,000	1,120	60,480,000	Lbs.	12.30 <u>3/</u>	7,439
Non-Oil varieties	25,000	23,000	1,240	28,520,000	Lbs.	15.00 <u>3/</u>	4,278
All hay .....	...	1,400,000	3.05	4,275,000	Tons	78.00	332,453
Alfalfa hay .....	...	850,000	3.80	3,230,000	Tons	78.50	253,555
All other hay .....	...	550,000	1.90	1,045,000	Tons	75.50	78,898
All potatoes	80,800	80,400	346	27,812,000	Cwt.	5.60	156,503
Summer potatoes	8,300	8,200	310	2,542,000	Cwt.	5.40	13,727
Fall potatoes	72,500	72,200	350	25,270,000	Cwt.	5.65	142,776
Total field crops .....	...	5,625,400	...	...	...	...	1,251,321 <u>5/</u>

1/ Yield, production, price, and value on clean basis.

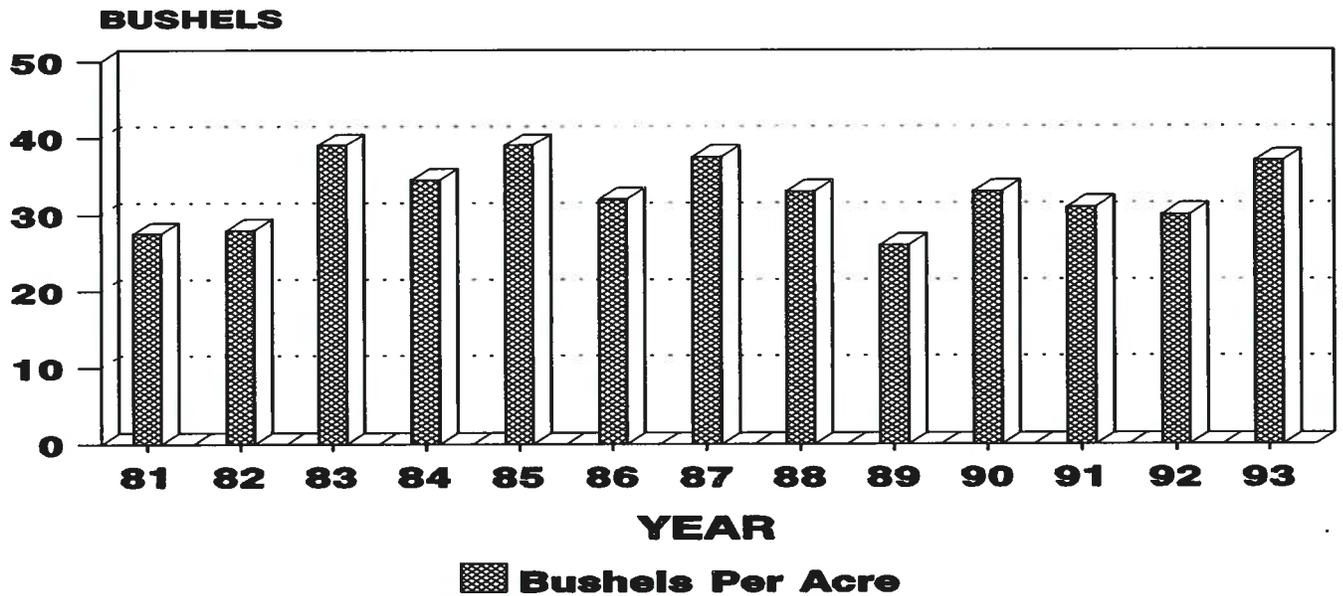
2/ Estimates begun in 1991.

3/ Dollars per hundredweight.

4/ Not available.

5/ Total excluding sugar beets.

WINTER WHEAT AVERAGE YIELD 1981-93



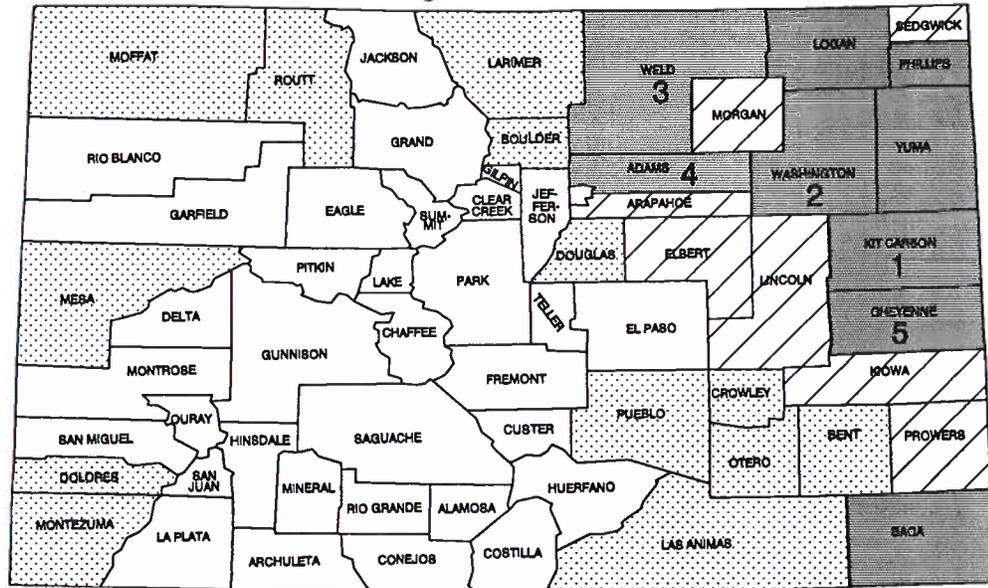
Winter Wheat: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	20,000	...	...	...	18,000	35.0	630,000	18,000	35.0	630,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	2,800	...	...	...	2,500	40.0	100,000	2,500	40.0	100,000
Routt	10,200	...	...	...	9,500	30.5	290,000	9,500	30.5	290,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	33,000	...	...	...	30,000	34.0	1,020,000	30,000	34.0	1,020,000
Boulder	4,700	500	56.0	28,000	3,800	26.0	98,000	4,300	29.5	126,000
Jefferson	600	...	...	...	600	16.5	10,000	600	16.5	10,000
Larimer	11,000	1,700	62.0	105,000	8,300	30.5	252,000	10,000	35.5	357,000
Logan	157,700	5,300	57.5	304,000	118,300	23.0	2,726,000	123,600	24.5	3,030,000
Morgan	72,000	5,900	69.5	410,000	59,600	29.0	1,728,000	65,500	32.5	2,138,000
Sedgwick	82,000	1,900	50.0	95,000	68,100	23.5	1,602,000	70,000	24.0	1,697,000
Weld	192,000	8,700	71.0	618,000	162,300	26.5	4,264,000	171,000	28.5	4,882,000
NORTHEAST	520,000	24,000	65.0	1,560,000	421,000	25.5	10,680,000	445,000	27.5	12,240,000

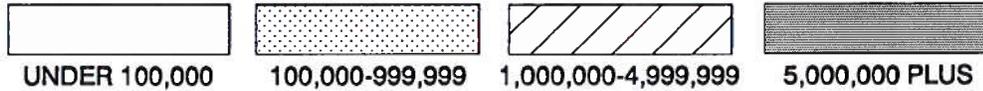
Winter Wheat: Acreage and production by county and district, Colorado, 1992, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	174,000	1,800	65.5	118,000	153,200	30.5	4,653,000	155,000	31.0	4,771,000
Arapahoe	84,000	500	36.0	18,000	77,500	24.0	1,841,000	78,000	24.0	1,859,000
Cheyenne	176,000	5,000	56.0	280,000	157,000	26.5	4,182,000	162,000	27.5	4,462,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	4,000	...	...	...	3,800	30.0	114,000	3,800	30.0	114,000
Elbert	44,000	...	...	...	39,000	27.5	1,082,000	39,000	27.5	1,082,000
El Paso	4,000	300	60.0	18,000	2,900	21.0	61,000	3,200	24.5	79,000
Kiowa	197,000	1,000	52.0	52,000	162,000	24.5	4,004,000	163,000	25.0	4,056,000
Kit Carson	320,000	32,400	62.0	2,004,000	255,600	35.0	8,908,000	288,000	38.0	10,912,000
Lincoln	155,000	1,000	48.0	48,000	137,000	36.0	4,933,000	138,000	36.0	4,981,000
Phillips	128,000	2,000	49.0	98,000	113,000	30.5	3,463,000	115,000	31.0	3,561,000
Washington	277,000	3,000	60.0	180,000	217,000	30.5	6,657,000	220,000	31.0	6,837,000
Yuma	147,000	9,000	51.0	460,000	116,000	25.5	2,966,000	125,000	27.5	3,426,000
EAST CENTRAL	1,710,000	56,000	58.5	3,276,000	1,434,000	30.0	42,864,000	1,490,000	31.0	46,140,000
Archuleta	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Delta	300	300	73.5	22,000	...	...	...	300	73.5	22,000
Dolores	20,100	300	70.0	21,000	18,700	24.0	449,000	19,000	24.5	470,000
Garfield	1,300	...	...	...	1,300	28.5	37,000	1,300	28.5	37,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,200	300	73.5	22,000	2,700	15.5	42,000	3,000	21.5	64,000
Mesa	1,200	1,000	91.0	91,000	...	...	...	1,000	91.0	91,000
Montezuma	8,800	400	85.0	34,000	8,100	30.5	248,000	8,500	33.0	282,000
Montrose	800	600	86.5	52,000	100	40.0	4,000	700	80.0	56,000
Ouray	200	...	...	...	200	15.0	3,000	200	15.0	3,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	1,000	...	...	...	900	20.0	18,000	900	20.0	18,000
SOUTHWEST	37,000	3,000	83.0	249,000	32,000	25.0	801,000	35,000	30.0	1,050,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY . . . . .	...	...	...	...	...	...	...	...	...	...
Baca	196,000	26,700	51.5	1,371,000	140,600	23.0	3,234,000	167,300	27.5	4,605,000
Bent	7,200	2,500	56.0	140,000	4,000	24.5	98,000	6,500	36.5	238,000
Crowley	6,500	1,000	50.0	50,000	5,000	23.0	115,000	6,000	27.5	165,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	300	...	...	...	200	25.0	5,000	200	25.0	5,000
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas	5,000	600	50.0	30,000	2,600	17.0	44,000	3,200	23.0	74,000
Otero	5,000	4,500	65.5	294,000	...	...	...	4,500	65.5	294,000
Prowers	124,000	10,000	50.0	500,000	99,000	25.5	2,507,000	109,000	27.5	3,007,000
Pueblo	6,000	1,700	76.5	130,000	1,600	20.0	32,000	3,300	49.0	162,000
SOUTHEAST	350,000	47,000	53.5	2,515,000	253,000	24.0	6,035,000	300,000	28.5	8,550,000
STATE TOTAL	2,650,000	130,000	58.5	7,600,000	2,170,000	28.5	61,400,000	2,300,000	30.0	69,000,000

**Winter Wheat: Production by County, Colorado, 1993
with Ranking of First Five Counties**



BUSHEL



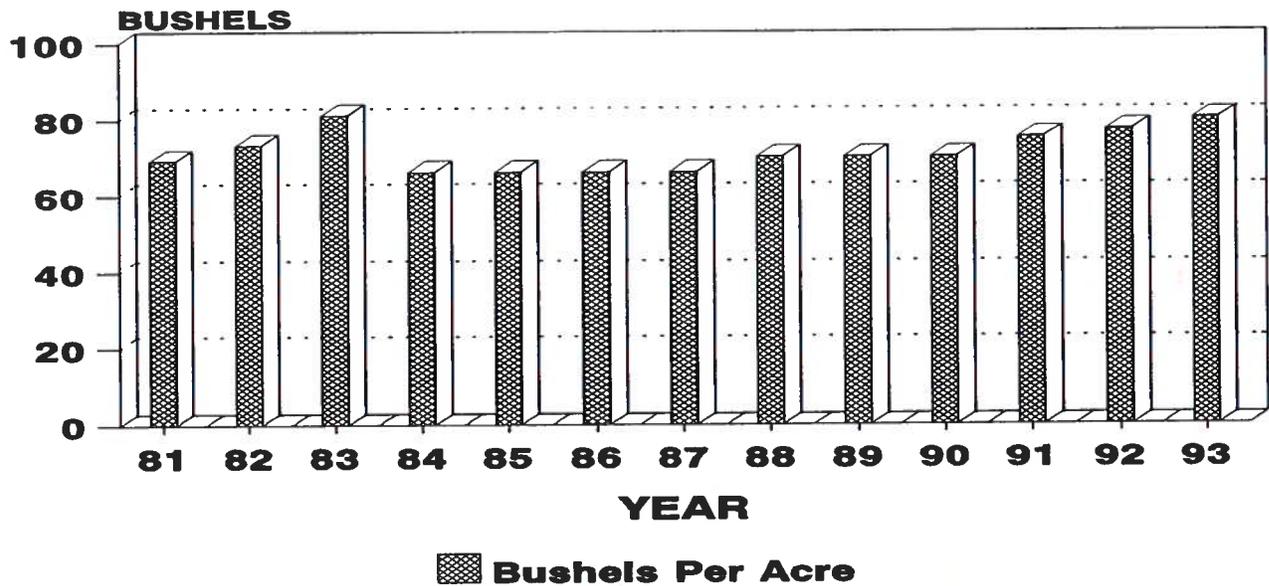
Winter Wheat: Acreage and production by county and district, Colorado, 1993

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	16,600	...	...	...	16,000	23.0	368,000	16,000	23.0	368,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	2,100	...	...	...	2,000	21.0	42,000	2,000	21.0	42,000
Routt	7,300	...	...	...	7,000	27.0	190,000	7,000	27.0	190,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	26,000	...	...	...	25,000	24.0	600,000	25,000	24.0	600,000
Boulder	5,200	300	66.5	20,000	4,700	26.5	125,000	5,000	29.0	145,000
Jefferson	1,100	...	...	...	1,000	25.0	25,000	1,000	25.0	25,000
Larimer	12,600	1,700	59.0	100,000	10,300	40.5	415,000	12,000	43.0	515,000
Logan	148,000	5,000	66.0	330,000	135,000	36.0	4,365,000	140,000	37.0	5,195,000
Morgan	73,500	7,000	64.5	450,000	63,000	38.5	2,425,000	70,000	41.0	2,875,000
Sedgwick	84,100	2,500	48.0	120,000	77,500	43.0	3,330,000	80,000	43.0	3,450,000
Weld	195,500	13,500	69.0	930,000	173,500	40.0	6,935,000	187,000	42.0	7,865,000
NORTHEAST	520,000	30,000	65.0	1,950,000	465,000	39.0	13,120,000	495,000	40.5	20,070,000

Winter Wheat: Acreage and production by county and district, Colorado, 1993, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	171,000	2,000	65.0	130,000	163,000	41.5	6,800,000	165,000	42.0	6,930,000
Arapahoe	88,000	200	35.0	7,000	84,800	36.5	3,100,000	85,000	36.5	3,107,000
Cheyenne	208,000	4,500	51.0	230,000	175,500	33.0	5,800,000	180,000	33.5	6,030,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	4,100	...	...	...	4,000	36.5	145,000	4,000	36.5	145,000
Elbert	43,000	...	...	...	40,000	32.5	1,300,000	40,000	32.5	1,300,000
El Paso	3,600	500	66.0	33,000	2,500	24.0	60,000	3,000	31.0	93,000
Kiowa	205,000	800	44.0	35,000	181,200	25.0	4,500,000	182,000	25.0	4,535,000
Kit Carson	358,300	31,000	49.0	1,525,000	279,000	41.0	11,500,000	310,000	42.0	13,025,000
Lincoln	191,000	1,500	33.5	50,000	149,500	29.0	4,340,000	151,000	29.0	4,390,000
Phillips	126,000	3,000	55.0	165,000	117,000	44.5	5,200,000	120,000	44.5	5,365,000
Washington	293,000	3,500	44.5	155,000	266,500	38.5	10,325,000	270,000	39.0	10,480,000
Yuma	150,000	8,000	52.5	420,000	132,000	41.5	5,500,000	140,000	42.5	5,920,000
EAST CENTRAL	1,841,000	55,000	50.0	2,750,000	1,595,000	36.5	58,570,000	1,650,000	37.0	61,320,000
Archuleta	100	100	60.0	6,000	...	...	...	100	60.0	6,000
Delta	500	400	90.0	36,000	...	...	...	400	90.0	36,000
Dolores	19,400	800	70.0	56,000	18,200	18.0	325,000	19,000	20.0	381,000
Garfield	1,400	200	60.0	12,000	1,100	20.0	22,000	1,300	26.0	34,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,400	500	70.0	35,000	2,500	15.0	38,000	3,000	24.5	73,000
Mesa	1,500	1,200	96.0	115,000	300	23.5	7,000	1,500	81.5	122,000
Montezuma	8,700	1,100	86.5	95,000	6,800	20.5	140,000	7,900	29.5	235,000
Montrose	900	700	93.0	65,000	100	15.0	1,500	800	83.0	66,500
Ouray	100	...	...	...	100	15.0	1,500	100	15.0	1,500
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	1,000	...	...	...	900	16.5	15,000	900	16.5	15,000
SOUTHWEST	37,000	5,000	84.0	420,000	30,000	18.5	550,000	35,000	27.5	970,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY . . . . .	...	...	...	...	...	...	...	...	...	...
Baca	206,500	29,000	39.0	1,135,000	161,000	26.0	4,175,000	190,000	28.0	5,310,000
Bent	10,800	3,500	57.0	200,000	5,500	32.0	175,000	9,000	41.5	375,000
Crowley	8,600	900	52.0	47,000	6,100	34.5	210,000	7,000	36.5	257,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas	4,200	800	69.0	55,000	3,200	22.0	70,000	4,000	31.5	125,000
Otero	5,300	5,000	65.0	325,000	...	...	...	5,000	65.0	325,000
Prowers	133,400	13,500	50.0	675,000	109,500	36.5	4,000,000	123,000	38.0	4,675,000
Pueblo	7,200	2,300	88.5	203,000	4,700	25.5	120,000	7,000	46.0	323,000
SOUTHEAST	376,000	55,000	48.0	2,640,000	290,000	30.0	8,750,000	345,000	33.0	11,390,000
STATE TOTAL	2,800,000	145,000	53.5	7,760,000	2,405,000	36.0	86,590,000	2,550,000	37.0	94,350,000

SPRING WHEAT AVERAGE YIELD 1981-93



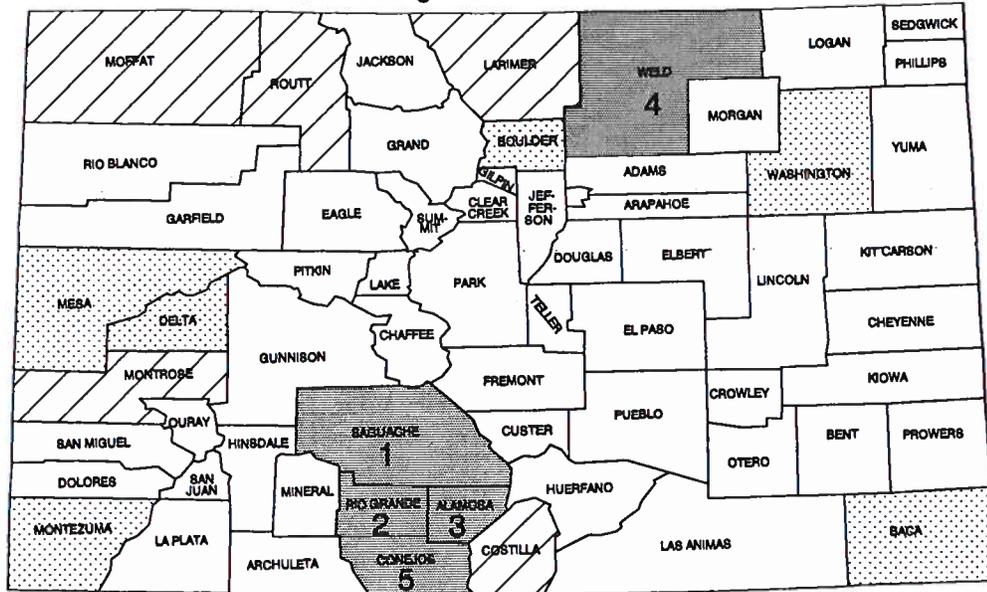
Spring Wheat: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	1,700	...	...	...	1,700	31.0	53,000	1,700	31.0	53,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	400	...	...	...	400	25.0	10,000	400	25.0	10,000
Routt	2,900	...	...	...	2,600	35.5	92,000	2,600	35.5	92,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	5,000	...	...	...	4,700	33.0	155,000	4,700	33.0	155,000
Boulder	500	400	52.5	21,000	100	10.0	1,000	500	44.0	22,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	600	500	58.0	29,000	...	...	...	500	58.0	29,000
Logan	800	500	42.0	21,000	100	10.0	1,000	600	36.5	22,000
Morgan	500	200	65.0	13,000	300	30.0	9,000	500	44.0	22,000
Sedgwick	300	...	...	...	200	30.0	6,000	200	30.0	6,000
Weld	1,900	1,400	67.0	94,000	300	50.0	15,000	1,700	64.0	109,000
NORTHEAST	4,600	3,000	59.5	178,000	1,000	32.0	32,000	4,000	52.5	210,000

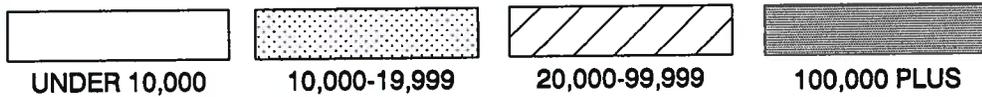
Spring Wheat: Acreage and production by county and district, Colorado, 1992, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	600	100	60.0	6,000	500	40.0	20,000	600	43.5	26,000
Arapahoe	200	...	...	...	200	40.0	8,000	200	40.0	8,000
Cheyenne . . . . .	...	...	...	...	...	...	...	...	...	...
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	400	35.0	14,000	400	35.0	14,000
El Paso	200	...	...	...	200	40.0	8,000	200	40.0	8,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson	500	...	...	...	400	35.0	14,000	400	35.0	14,000
Lincoln	200	...	...	...	200	20.0	4,000	200	20.0	4,000
Phillips	200	...	...	...	200	35.0	7,000	200	35.0	7,000
Washington	800	...	...	...	200	30.0	6,000	200	30.0	6,000
Yuma	700	...	...	...	600	30.0	18,000	600	30.0	18,000
EAST CENTRAL	3,800	100	60.0	6,000	2,900	34.0	99,000	3,000	35.0	105,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	300	300	80.0	24,000	...	...	...	300	80.0	24,000
Dolores	800	300	33.5	10,000	400	22.5	9,000	700	27.0	19,000
Garfield . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	200	35.0	7,000	100	30.0	3,000	300	33.5	10,000
Mesa	400	400	82.5	33,000	...	...	...	400	82.5	33,000
Montezuma	800	200	35.0	7,000	600	30.0	18,000	800	31.5	25,000
Montrose	800	700	77.0	54,000	...	...	...	700	77.0	54,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	3,400	2,100	64.5	135,000	1,100	27.5	30,000	3,200	51.5	165,000
Alamosa	6,300	6,200	82.0	509,000	...	...	...	6,200	82.0	509,000
Conejos	1,500	1,500	88.0	132,000	...	...	...	1,500	88.0	132,000
Costilla	2,100	2,000	89.0	178,000	...	...	...	2,000	89.0	178,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande	10,300	9,800	98.0	960,000	...	...	...	9,800	98.0	960,000
Saguache	11,800	11,500	99.0	1,141,000	...	...	...	11,500	99.0	1,141,000
SAN LUIS VALLEY	32,000	31,000	94.0	2,920,000	...	...	...	31,000	94.0	2,920,000
Baca	800	700	74.5	52,000	100	30.0	3,000	800	69.0	55,000
Bent . . . . .	...	...	...	...	...	...	...	...	...	...
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...	...	...
Otero . . . . .	...	...	...	...	...	...	...	...	...	...
Prowers	400	100	50.0	5,000	200	20.0	4,000	300	30.0	9,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHEAST	1,200	800	71.5	57,000	300	23.5	7,000	1,100	58.0	64,000
STATE TOTAL	50,000	37,000	89.0	3,296,000	10,000	32.5	323,000	47,000	77.0	3,619,000

Spring Wheat: Production by County, Colorado, 1993 with Ranking of First Five Counties



BUSHEL



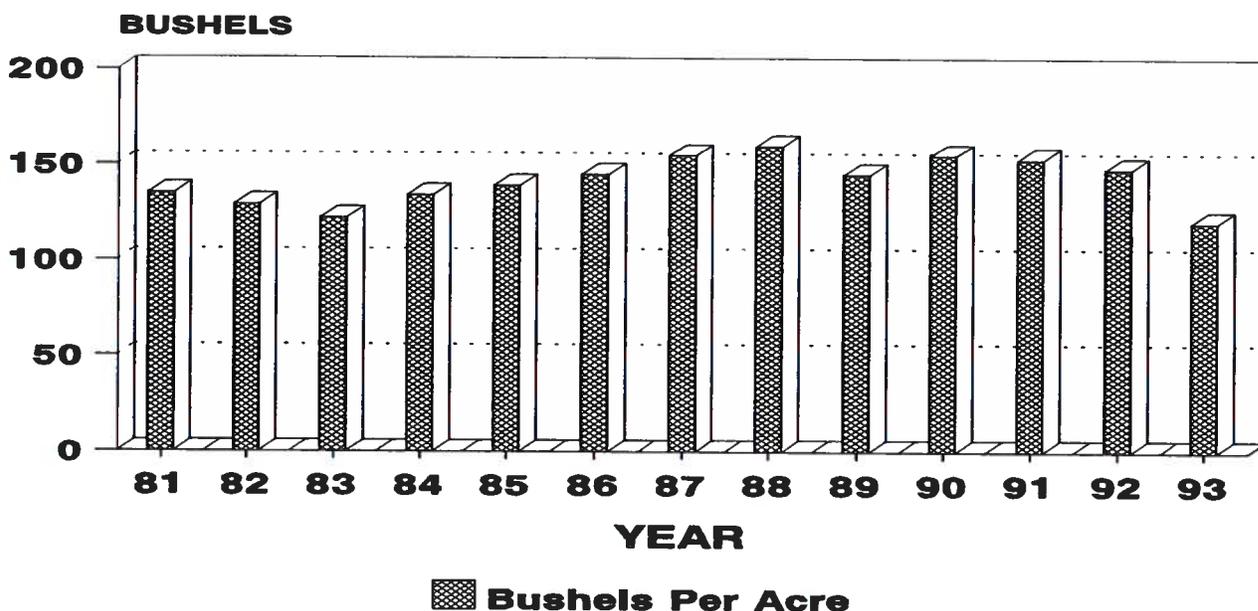
Spring Wheat: Acreage and production by county and district, Colorado, 1993

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	1,700	...	...	...	1,400	16.5	23,000	1,400	16.5	23,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	200	...	...	...	200	25.0	5,000	200	25.0	5,000
Routt	1,400	...	...	...	1,200	20.0	24,000	1,200	20.0	24,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	3,300	...	...	...	2,800	18.5	52,000	2,800	18.5	52,000
Boulder	300	300	60.0	18,000	...	...	...	300	60.0	18,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	700	700	61.5	43,000	...	...	...	700	61.5	43,000
Logan	300	...	...	...	200	20.0	4,000	200	20.0	4,000
Morgan	100	100	50.0	5,000	...	...	...	100	50.0	5,000
Sedgwick	100	...	...	...	100	30.0	3,000	100	30.0	3,000
Weld	2,100	1,900	73.0	139,000	200	40.0	8,000	2,100	70.0	147,000
NORTHEAST	3,600	3,000	68.5	205,000	500	30.0	15,000	3,500	63.0	220,000

Spring Wheat: Acreage and production by county and district, Colorado, 1993, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	300	100	40.0	4,000	200	20.0	4,000	300	26.5	8,000
Arapahoe .....	...	...	...	...	...	...	...	...	...	...
Cheyenne .....	...	...	...	...	...	...	...	...	...	...
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert	400	...	...	...	200	20.0	4,000	200	20.0	4,000
El Paso .....	...	...	...	...	...	...	...	...	...	...
Kiowa .....	...	...	...	...	...	...	...	...	...	...
Kit Carson .....	...	...	...	...	...	...	...	...	...	...
Lincoln .....	...	...	...	...	...	...	...	...	...	...
Phillips .....	...	...	...	...	...	...	...	...	...	...
Washington	600	...	...	...	400	25.0	10,000	400	25.0	10,000
Yuma	200	...	...	...	200	35.0	7,000	200	35.0	7,000
EAST CENTRAL ..	1,500	100	40.0	4,000	1,000	25.0	25,000	1,100	26.5	29,000
Archuleta .....	...	...	...	...	...	...	...	...	...	...
Delta	200	200	85.0	17,000	...	...	...	200	85.0	17,000
Dolores	200	100	50.0	5,000	100	10.0	1,000	200	30.0	6,000
Garfield	300	100	20.0	2,000	100	20.0	2,000	200	20.0	4,000
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	100	100	40.0	4,000	...	...	...	100	40.0	4,000
Mesa	300	200	85.0	17,000	...	...	...	200	85.0	17,000
Montezuma	800	300	50.0	15,000	300	13.5	4,000	600	31.5	19,000
Montrose	700	700	83.0	58,000	...	...	...	700	83.0	58,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	2,600	1,700	69.5	118,000	500	14.0	7,000	2,200	57.0	125,000
Alamosa	4,300	4,200	102.5	430,000	...	...	...	4,200	102.5	430,000
Conejos	1,100	1,100	91.0	100,000	...	...	...	1,100	91.0	100,000
Costilla	1,300	1,200	79.0	95,000	...	...	...	1,200	79.0	95,000
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande	7,800	7,700	101.5	780,000	...	...	...	7,700	101.5	780,000
Saguache	9,000	8,800	90.0	790,000	...	...	...	8,800	90.0	790,000
SAN LUIS VALLEY	23,500	23,000	95.5	2,195,000	...	...	...	23,000	95.5	2,195,000
Baca	200	200	70.0	14,000	...	...	...	200	70.0	14,000
Bent .....	...	...	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas .....	...	...	...	...	...	...	...	...	...	...
Otero .....	...	...	...	...	...	...	...	...	...	...
Prowers	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Pueblo	100	...	...	...	100	20.0	2,000	100	20.0	2,000
SOUTHEAST	500	200	70.0	14,000	200	25.0	5,000	400	47.5	19,000
STATE TOTAL ..	35,000	28,000	90.5	2,536,000	5,000	21.0	104,000	33,000	80.0	2,640,000

CORN FOR GRAIN AVERAGE YIELD 1981-93



Corn for Grain: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek ..	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco ...	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder	9,100	7,000	130.0	910,000	...	...	...	7,000	130.0	910,000
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer	25,100	16,000	152.5	2,440,000	...	...	...	16,000	152.5	2,440,000
Logan	62,700	51,500	140.0	7,210,000	7,500	63.0	473,000	59,000	130.0	7,683,000
Morgan	80,200	74,000	165.0	12,210,000	1,000	45.0	45,000	75,000	163.5	12,255,000
Sedgwick	45,200	37,500	128.0	4,800,000	6,500	59.0	382,000	44,000	118.0	5,182,000
Weld	162,700	129,000	153.5	19,830,000	...	...	...	129,000	153.5	19,830,000
NORTHEAST ..	385,000	315,000	150.5	47,400,000	15,000	60.0	900,000	330,000	146.5	48,300,000

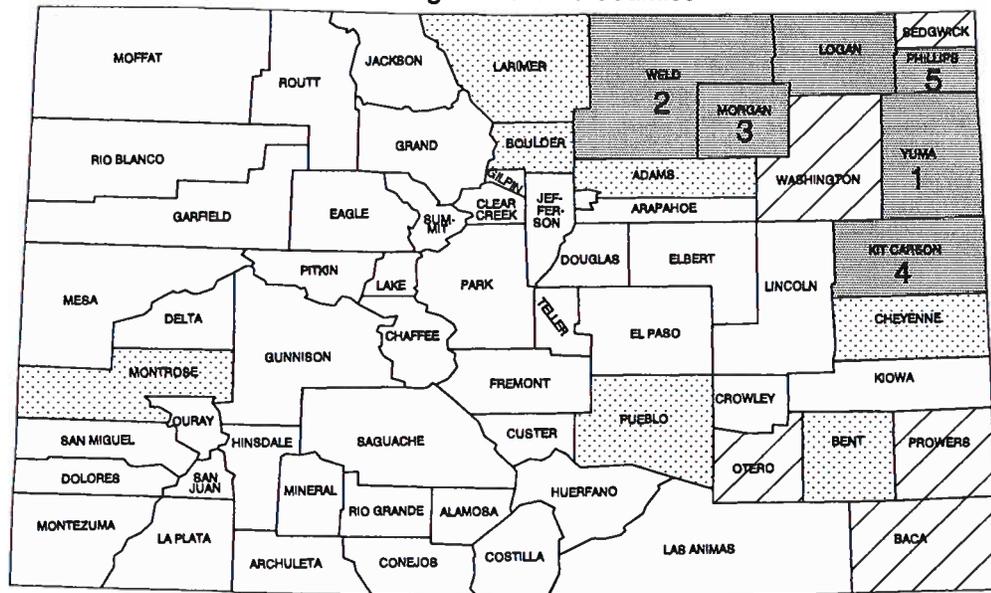
1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1992, continued

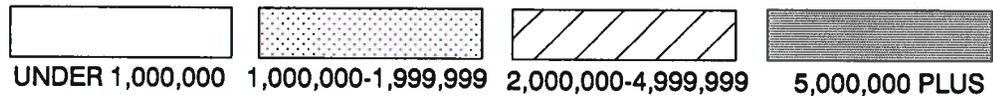
County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	11,100	6,000	146.0	875,000	1,000	40.0	40,000	7,000	130.5	915,000
Arapahoe	500	400	142.5	57,000	...	...	...	400	142.5	57,000
Cheyenne	9,100	8,000	165.0	1,320,000	500	70.0	35,000	8,500	159.5	1,355,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	300	200	150.0	30,000	...	...	...	200	150.0	30,000
El Paso	300	100	150.0	15,000	...	...	...	100	150.0	15,000
Kiowa	500	300	160.0	48,000	...	...	...	300	160.0	48,000
Kit Carson	93,400	84,000	162.0	13,610,000	3,000	75.0	225,000	87,000	159.0	13,835,000
Lincoln	1,900	500	150.0	75,000	1,000	45.0	45,000	1,500	80.0	120,000
Phillips	85,200	64,500	141.0	9,095,000	18,000	71.0	1,278,000	82,500	125.5	10,373,000
Washington	30,400	23,000	144.0	3,310,000	6,500	61.0	396,000	29,500	125.5	3,706,000
Yuma	207,300	193,000	160.0	30,865,000	5,000	66.0	331,000	198,000	157.5	31,196,000
EAST CENTRAL	440,000	380,000	156.0	59,300,000	35,000	67.0	2,350,000	415,000	148.5	61,650,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	7,600	6,200	158.0	980,000	...	...	...	6,200	158.0	980,000
Dolores . . . . .	...	...	...	...	...	...	...	...	...	...
Garfield	400	200	150.0	30,000	...	...	...	200	150.0	30,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	200	115.0	23,000	...	...	...	200	115.0	23,000
Mesa	9,800	7,500	145.5	1,090,000	...	...	...	7,500	145.5	1,090,000
Montezuma	200	100	170.0	17,000	...	...	...	100	170.0	17,000
Montrose	11,600	8,800	149.0	1,310,000	...	...	...	8,800	149.0	1,310,000
Ouray	100	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	30,000	23,000	150.0	3,450,000	...	...	...	23,000	150.0	3,450,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY	...	...	...	...	...	...	...	...	...	...
Baca	18,100	17,300	168.0	2,905,000	...	...	...	17,300	168.0	2,905,000
Bent	9,100	7,600	130.5	990,000	...	...	...	7,600	130.5	990,000
Crowley	3,500	3,200	119.0	380,000	...	...	...	3,200	119.0	380,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	400	100	150.0	15,000	...	...	...	100	150.0	15,000
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas	1,100	800	125.0	100,000	...	...	...	800	125.0	100,000
Otero	18,800	16,900	154.0	2,600,000	...	...	...	16,900	154.0	2,600,000
Prowers	16,200	14,500	143.5	2,080,000	...	...	...	14,500	143.5	2,080,000
Pueblo	7,800	6,600	168.0	1,110,000	...	...	...	6,600	168.0	1,110,000
SOUTHEAST	75,000	67,000	152.0	10,180,000	...	...	...	67,000	152.0	10,180,000
STATE TOTAL	930,000	785,000	153.5	120,330,000	50,000	65.0	3,250,000	835,000	148.0	123,580,000

1/ Planted for all purposes.

Corn for Grain: Production by County, Colorado, 1993 with Ranking of First Five Counties



BUSHELS



Corn for Grain: Acreage and production by county and district, Colorado, 1993

County and District	Acreage planted 1/ Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder	8,900	7,000	147.0	1,030,000	...	...	...	7,000	147.0	1,030,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	23,500	13,000	139.0	1,810,000	1,000	55.0	55,000	14,000	133.0	1,865,000
Logan	60,000	42,500	125.0	5,310,000	11,500	48.5	555,000	54,000	108.5	5,865,000
Morgan	89,400	75,000	135.0	10,130,000	5,000	40.0	200,000	80,000	129.0	10,330,000
Sedgwick	40,900	34,000	127.0	4,320,000	6,000	53.5	320,000	40,000	116.0	4,640,000
Weld	151,300	113,500	142.5	16,200,000	1,500	46.5	70,000	115,000	141.5	16,270,000
NORTHEAST	374,000	285,000	136.0	38,800,000	25,000	48.0	1,200,000	310,000	129.0	40,000,000

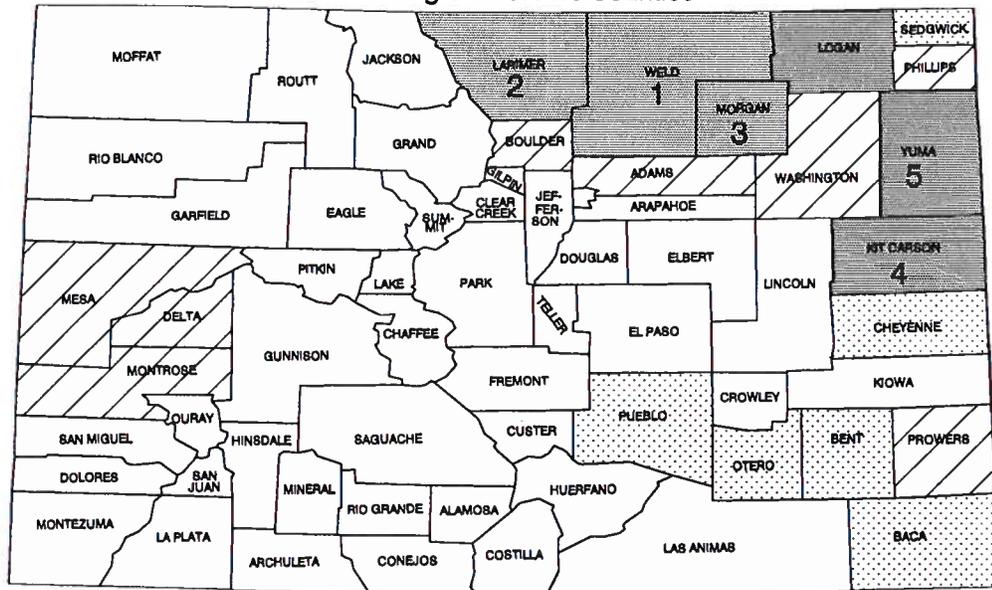
1/ Planted for all purposes.

Corn for Grain: Acreage and production by county and district, Colorado, 1993, continued

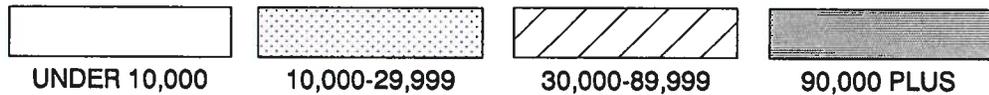
County and District	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	13,600	7,000	140.0	980,000	2,000	35.0	70,000	9,000	116.5	1,050,000
Arapahoe	500	...	...	...	400	32.5	13,000	400	32.5	13,000
Cheyenne	10,200	8,500	129.5	1,100,000	1,000	50.0	50,000	9,500	121.0	1,150,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert	300	200	140.0	28,000	...	...	...	200	140.0	28,000
El Paso	600	400	115.0	46,000	...	...	...	400	115.0	46,000
Kiowa	2,300	1,400	135.5	190,000	600	30.0	18,000	2,000	104.0	208,000
Kit Carson ...	91,500	78,000	117.0	9,130,000	6,000	53.0	318,000	84,000	112.5	9,448,000
Lincoln	3,000	1,000	116.0	116,000	1,500	34.0	51,000	2,500	67.0	167,000
Phillips	92,700	63,000	112.0	7,060,000	24,000	51.5	1,240,000	87,000	95.5	8,300,000
Washington ...	35,800	21,000	110.0	2,310,000	12,000	49.5	595,000	33,000	88.0	2,905,000
Yuma	204,500	181,500	118.5	21,540,000	12,500	59.5	745,000	194,000	115.0	22,285,000
EAST CENTRAL .	455,000	362,000	117.5	42,500,000	60,000	51.5	3,100,000	422,000	108.0	45,600,000
Archuleta ....	...	...	...	...	...	...	...	...	...	...
Delta	7,900	6,000	152.5	915,000	...	...	...	6,000	152.5	915,000
Dolores	100	100	140.0	14,000	...	...	...	100	140.0	14,000
Garfield	400	200	120.0	24,000	...	...	...	200	120.0	24,000
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	200	100	130.0	13,000	...	...	...	100	130.0	13,000
Mesa	10,100	7,000	137.0	960,000	...	...	...	7,000	137.0	960,000
Montezuma ...	300	100	140.0	14,000	...	...	...	100	140.0	14,000
Montrose	12,000	8,500	148.0	1,260,000	...	...	...	8,500	148.0	1,260,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ...	...	...	...	...	...	...	...	...	...	...
SOUTHWEST ...	31,000	22,000	145.5	3,200,000	...	...	...	22,000	145.5	3,200,000
Alamosa .....	...	...	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ...	...	...	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY	...	...	...	...	...	...	...	...	...	...
Baca	18,100	17,000	164.5	2,800,000	...	...	...	17,000	164.5	2,800,000
Bent	11,700	9,800	127.5	1,250,000	...	...	...	9,800	127.5	1,250,000
Crowley	4,300	3,900	125.0	488,000	...	...	...	3,900	125.0	488,000
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont	400	100	140.0	14,000	...	...	...	100	140.0	14,000
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ...	1,000	700	118.5	83,000	...	...	...	700	118.5	83,000
Otero	16,300	14,500	139.5	2,025,000	...	...	...	14,500	139.5	2,025,000
Prowers	19,100	17,200	136.5	2,350,000	...	...	...	17,200	136.5	2,350,000
Pueblo	9,100	7,800	152.5	1,190,000	...	...	...	7,800	152.5	1,190,000
SOUTHEAST ...	80,000	71,000	143.5	10,200,000	...	...	...	71,000	143.5	10,200,000
STATE TOTAL ..	940,000	740,000	128.0	94,700,000	85,000	50.5	4,300,000	825,000	120.0	99,000,000

1/ Planted for all purposes.

**Corn for Silage: Production by County, Colorado, 1993
with Ranking of First Five Counties**



TONS



Corn for Silage: Acreage and production by county and district, Colorado, 1992-93

County and District	Acreage planted ^{1/}		Acreage harvested		Yield per acre		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Tons		Tons	
Chaffee	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...
Boulder	9,100	8,900	2,000	1,800	17.5	18.5	35,000	33,000
Jefferson	...	...	...	...	...	...	...	...
Larimer	25,100	23,600	9,000	9,500	22.0	22.5	200,000	216,000
Logan	62,700	59,600	3,000	4,500	20.0	20.0	60,000	90,000
Morgan	80,200	89,400	5,000	9,000	25.0	22.0	125,000	200,000
Sedgwick	45,200	41,000	1,000	700	20.0	20.0	20,000	14,000
Weld	162,700	151,500	33,000	35,500	24.0	23.5	785,000	842,000
NORTHEAST	385,000	374,000	53,000	61,000	23.0	23.0	1,225,000	1,395,000

^{1/} Planted for all purposes.

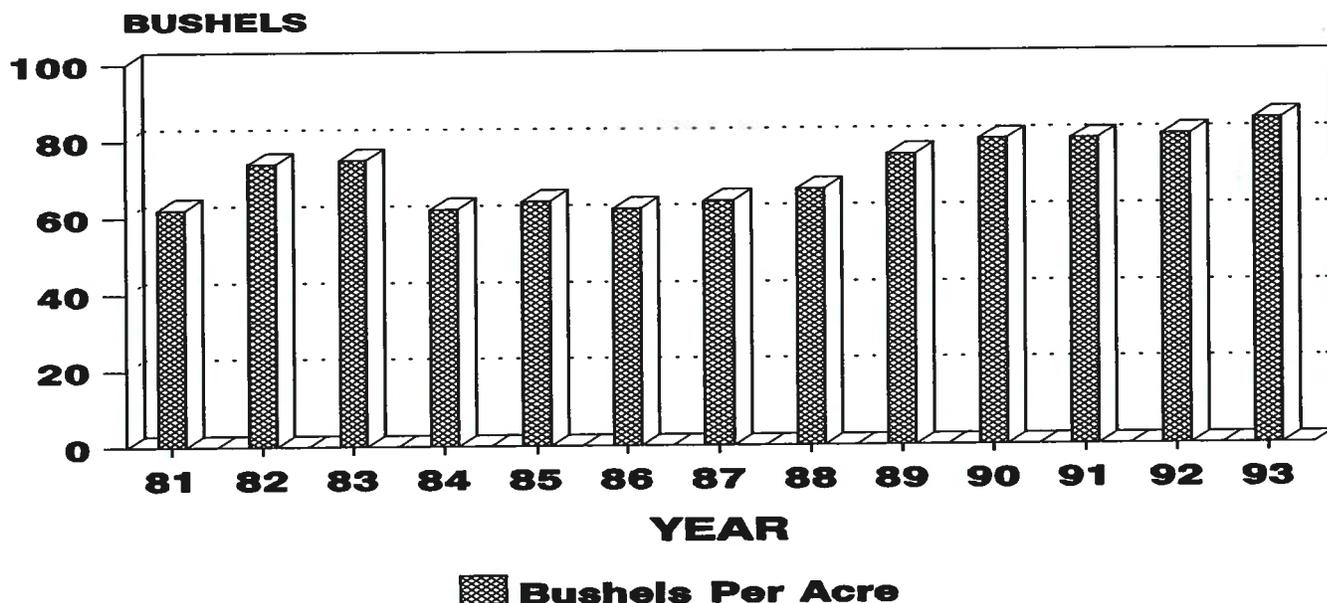
Corn for Silage: Acreage and production by county and district, Colorado, 1992-93, continued

County and District	Acreage planted ^{1/}		Acreage harvested		Yield per acre		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Tons		Tons	
Adams	11,100	13,600	4,000	4,500	23.5	16.5	94,000	75,000
Arapahoe	500	500	100	100	20.0	20.0	2,000	2,000
Cheyenne	9,100	10,200	500	500	22.0	20.5	11,000	10,200
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	300	300	100	100	10.0	10.0	1,000	1,000
El Paso	300	600	200	200	15.0	15.0	3,000	3,000
Kiowa	500	2,300	200	200	15.0	10.0	3,000	2,000
Kit Carson	93,400	91,500	6,000	6,500	23.5	17.0	142,000	111,000
Lincoln	1,900	3,000	400	400	21.5	22.0	8,500	8,800
Phillips	85,200	92,700	2,500	2,700	24.0	23.5	60,000	64,000
Washington ...	30,400	35,800	500	2,000	19.0	17.5	9,500	35,000
Yuma	207,300	204,500	6,500	5,800	23.0	16.0	151,000	93,000
EAST CENTRAL .	440,000	455,000	21,000	23,000	23.0	17.5	485,000	405,000
Archuleta .....	...	...	...	...	...	...	...	...
Delta	7,600	7,900	1,200	1,700	21.5	22.0	26,000	37,000
Dolores .....	...	100	...	...	...	...	...	...
Garfield	400	400	200	200	17.0	17.5	3,400	3,500
Hinsdale .....	...	...	...	...	...	...	...	...
La Plata	300	200	100	100	19.0	15.0	1,900	1,500
Mesa	9,800	10,100	2,000	2,800	18.0	19.5	36,000	54,000
Montezuma ...	200	300	100	200	11.0	15.0	1,100	3,000
Montrose	11,600	12,000	2,300	3,000	19.5	22.0	44,400	66,000
Ouray	100	...	100	...	12.0	...	1,200	...
San Juan .....	...	...	...	...	...	...	...	...
San Miguel .....	...	...	...	...	...	...	...	...
SOUTHWEST ...	30,000	31,000	6,000	8,000	19.0	20.5	114,000	165,000
Alamosa .....	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...
Rio Grande ....	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...
SAN LUIS VALLEY	...	...	...	...	...	...	...	...
Baca	18,100	18,100	700	1,000	20.0	15.5	14,000	15,500
Bent	9,100	11,700	1,400	1,800	18.0	13.0	25,000	23,100
Crowley	3,500	4,300	300	400	18.0	18.0	5,400	7,200
Custer .....	...	...	...	...	...	...	...	...
Fremont	400	400	300	300	17.0	17.0	5,100	5,100
Huerfano .....	...	...	...	...	...	...	...	...
Las Animas ...	1,100	1,000	200	300	22.0	25.0	4,400	7,500
Otero	18,800	16,300	1,600	1,600	17.0	18.0	27,200	29,000
Prowers	16,200	19,100	1,500	1,500	19.0	20.0	28,500	30,000
Pueblo	7,800	9,100	1,000	1,100	23.5	16.0	23,400	17,600
SOUTHEAST ...	75,000	80,000	7,000	8,000	19.0	17.0	133,000	135,000
STATE TOTAL ..	930,000	940,000	87,000	100,000	22.5	21.0	1,957,000	2,100,000

^{1/} Planted for all purposes.

BARLEY

AVERAGE YIELD 1981-93



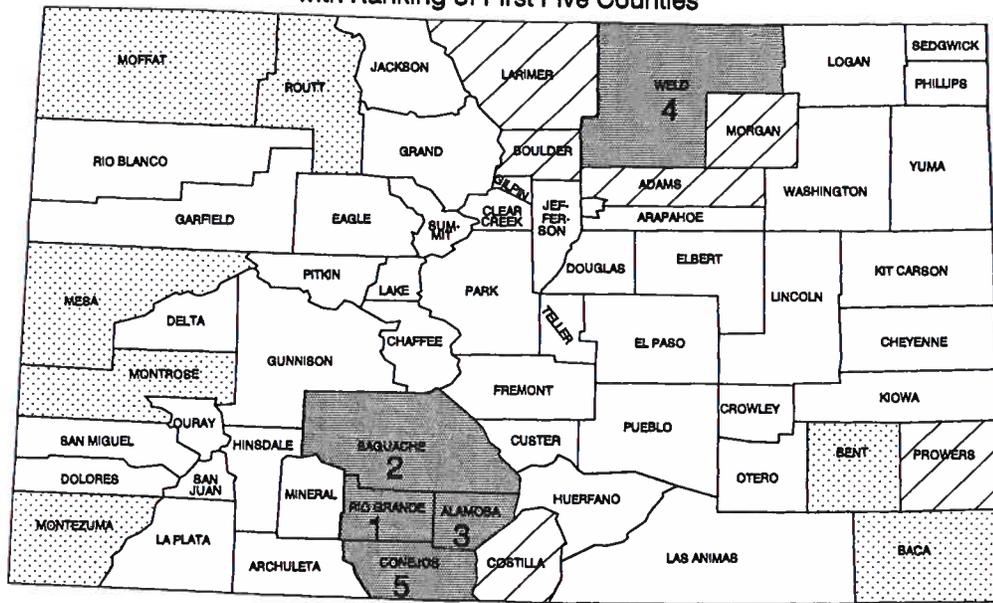
Barley: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	600	...	...	...	500	40.0	20,000	500	40.0	20,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	200	...	...	...	200	50.0	10,000	200	50.0	10,000
Routt	1,700	...	...	...	1,600	44.0	70,000	1,600	44.0	70,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	2,500	...	...	...	2,300	43.5	100,000	2,300	43.5	100,000
Boulder	3,000	2,000	78.5	157,000	400	40.0	16,000	2,400	72.0	173,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	5,500	4,000	83.5	334,000	400	30.0	12,000	4,400	78.5	346,000
Logan	1,000	...	...	...	900	35.0	31,500	900	35.0	31,500
Morgan	2,000	900	73.5	66,000	600	30.0	18,000	1,500	56.0	84,000
Sedgwick	500	...	...	...	300	35.0	10,500	300	35.0	10,500
Weld	19,000	14,100	83.0	1,168,000	3,400	30.0	102,000	17,500	72.5	1,270,000
NORTHEAST	31,000	21,000	82.0	1,725,000	6,000	31.5	190,000	27,000	71.0	1,915,000

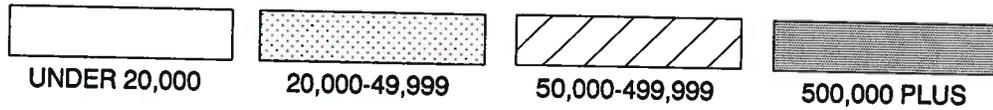
Barley: Acreage and production by county and district, Colorado, 1992, continued

County	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.	Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.	Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.
Adams	2,600	600	70.0	42,000	1,900	23.0	44,000	2,500	34.5	86,000
Arapahoe	500	...	...	...	500	32.0	16,000	500	32.0	16,000
Cheyenne	300	...	...	...	300	30.0	9,000	300	30.0	9,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	400	...	...	...	200	22.5	4,500	200	22.5	4,500
Elbert	500	...	...	...	500	30.0	15,000	500	30.0	15,000
El Paso . . . . .	...	...	...	...	...	...	...	...	...	...
Kiowa	300	100	45.0	4,500	200	22.5	4,500	300	30.0	9,000
Kit Carson	600	200	40.0	8,000	300	23.5	7,000	500	30.0	15,000
Lincoln . . . . .	...	...	...	...	...	...	...	...	...	...
Phillips	300	...	...	...	200	30.0	6,000	200	30.0	6,000
Washington	200	...	...	...	200	25.0	5,000	200	25.0	5,000
Yuma	300	100	75.0	7,500	200	30.0	6,000	300	45.0	13,500
EAST CENTRAL	6,000	1,000	62.0	62,000	4,500	26.0	117,000	5,500	32.5	179,000
Archuleta	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Delta	100	100	90.0	9,000	...	...	...	100	90.0	9,000
Dolores	200	200	70.0	14,000	...	...	...	200	70.0	14,000
Garfield	400	200	77.5	15,500	100	45.0	4,500	300	66.5	20,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	300	100	60.0	6,000	100	20.0	2,000	200	40.0	8,000
Mesa	1,100	800	95.0	76,000	200	25.0	5,000	1,000	81.0	81,000
Montezuma	600	300	88.5	26,500	300	25.0	7,500	600	56.5	34,000
Montrose	700	700	80.0	56,000	...	...	...	700	80.0	56,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	3,500	2,500	84.5	211,000	700	27.0	19,000	3,200	72.0	230,000
Alamosa	14,400	12,500	94.0	1,175,000	...	...	...	12,500	94.0	1,175,000
Conejos	9,700	9,500	84.5	803,000	...	...	...	9,500	84.5	803,000
Costilla	6,700	6,500	90.0	585,000	...	...	...	6,500	90.0	585,000
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande	26,200	25,000	94.5	2,360,000	...	...	...	25,000	94.5	2,360,000
Saguache	25,000	24,500	91.0	2,230,000	...	...	...	24,500	91.0	2,230,000
SAN LUIS VALLEY	82,000	78,000	91.5	7,153,000	...	...	...	78,000	91.5	7,153,000
Baca	1,300	300	66.5	20,000	700	15.5	11,000	1,000	31.0	31,000
Bent	400	300	46.5	14,000	...	...	...	300	46.5	14,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...	...	...
Otero	300	200	55.0	11,000	...	...	...	200	55.0	11,000
Prowers	3,000	700	75.5	53,000	1,800	19.0	34,000	2,500	35.0	87,000
Pueblo . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHEAST	5,000	1,500	65.5	98,000	2,500	18.0	45,000	4,000	36.0	143,000
STATE TOTAL	130,000	104,000	89.0	9,249,000	16,000	29.5	471,000	120,000	81.0	9,720,000

**Barley: Production by County, Colorado. 1993
with Ranking of First Five Counties**



BUSHEL



Barley: Acreage and production by county and district, Colorado, 1993

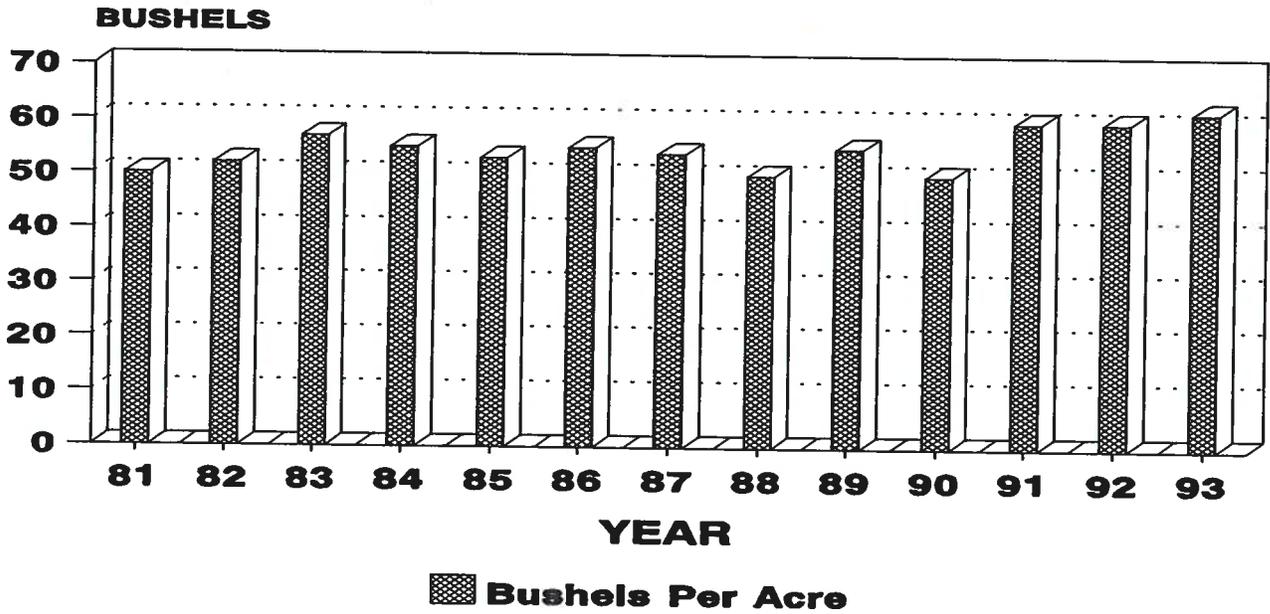
County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	700	...	...	...	...	...	...	...	...	...
Park	...	...	...	...	600	40.0	24,000	600	40.0	24,000
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	300	...	...	...	100	45.0	4,500	100	45.0	4,500
Routt	1,500	...	...	...	1,300	36.5	47,500	1,300	36.5	47,500
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	2,500	...	...	...	2,000	38.0	76,000	2,000	38.0	76,000
Boulder	2,400	600	80.0	48,000	1,400	31.5	44,000	2,000	46.0	92,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	3,900	3,200	81.5	260,000	300	40.0	12,000	3,500	77.5	272,000
Logan	600	...	...	...	500	30.0	15,000	500	30.0	15,000
Morgan	1,300	500	64.0	32,000	500	40.0	20,000	1,000	52.0	52,000
Sedgwick	...	...	...	...	...	...	...	...	...	...
Weld	12,800	10,300	84.0	867,000	1,700	34.5	59,000	12,000	77.0	926,000
NORTHEAST	21,000	14,600	82.5	1,207,000	4,400	34.0	150,000	19,000	71.5	1,357,000

Barley: Acreage and production by county and district, Colorado, 1993, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,800	600	78.5	47,000	600	25.0	15,000	1,200	51.5	62,000
Arapahoe	300	...	...	...	200	25.0	5,000	200	25.0	5,000
Cheyenne	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas	100	...	...	...	100	30.0	3,000	100	30.0	3,000
Elbert	700	...	...	...	600	28.5	17,000	600	28.5	17,000
El Paso .....	...	...	...	...	...	...	...	...	...	...
Kiowa	200	...	...	...	100	20.0	2,000	100	20.0	2,000
Kit Carson ...	300	100	50.0	5,000	100	20.0	2,000	200	35.0	7,000
Lincoln	200	...	...	...	100	30.0	3,000	100	30.0	3,000
Phillips	100	...	...	...	100	30.0	3,000	100	30.0	3,000
Washington ...	400	...	...	...	100	20.0	2,000	100	20.0	2,000
Yuma	200	100	80.0	8,000	100	40.0	4,000	200	60.0	12,000
EAST CENTRAL .	4,500	800	75.0	60,000	2,200	27.0	59,000	3,000	39.5	119,000
Archuleta ....	...	...	...	...	...	...	...	...	...	...
Delta	200	100	100.0	10,000	...	...	...	100	100.0	10,000
Dolores	200	100	95.0	9,500	...	...	...	100	95.0	9,500
Garfield	300	100	85.0	8,500	100	25.0	2,500	200	55.0	11,000
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	100	100	45.0	4,500	...	...	...	100	45.0	4,500
Mesa	800	500	84.0	42,000	100	25.0	2,500	600	74.0	44,500
Montezuma ...	600	600	70.0	42,000	...	...	...	600	70.0	42,000
Montrose	300	300	95.0	28,500	...	...	...	300	95.0	28,500
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ...	...	...	...	...	...	...	...	...	...	...
SOUTHWEST ...	2,500	1,800	80.5	145,000	200	25.0	5,000	2,000	75.0	150,000
Alamosa	10,800	9,800	97.5	955,000	...	...	...	9,800	97.5	955,000
Conejos	8,200	7,600	75.0	570,000	...	...	...	7,600	75.0	570,000
Costilla	5,700	5,000	90.0	450,000	...	...	...	5,000	90.0	450,000
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ...	21,500	20,000	105.0	2,100,000	...	...	...	20,000	105.0	2,100,000
Saguache	19,800	18,600	92.5	1,720,000	...	...	...	18,600	92.5	1,720,000
SAN LUIS VALLEY	66,000	61,000	95.0	5,795,000	...	...	...	61,000	95.0	5,795,000
Baca	1,100	200	50.0	10,000	600	30.0	18,000	800	35.0	28,000
Bent	300	300	66.5	20,000	...	...	...	300	66.5	20,000
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ...	...	...	...	...	...	...	...	...	...	...
Otero	100	100	80.0	8,000	...	...	...	100	80.0	8,000
Prowers	2,000	1,200	66.5	80,000	600	28.5	17,000	1,800	54.0	97,000
Pueblo .....	...	...	...	...	...	...	...	...	...	...
SOUTHEAST ...	3,500	1,800	65.5	118,000	1,200	29.0	35,000	3,000	51.0	153,000
STATE TOTAL ..	100,000	80,000	91.5	7,325,000	10,000	32.5	325,000	90,000	85.0	7,650,000

OATS

AVERAGE YIELD 1981-93



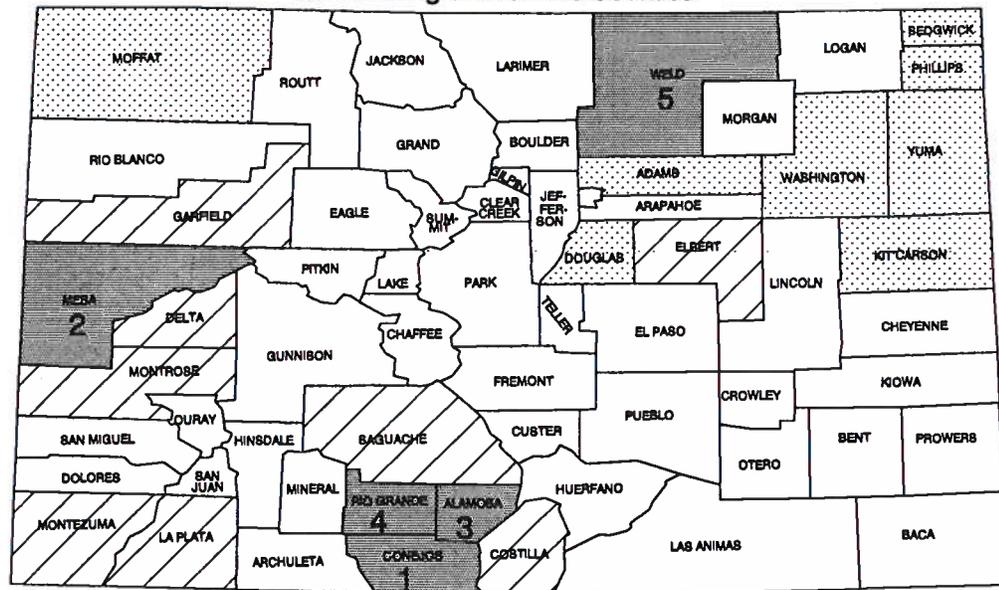
Oats: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	200	100	50.0	5,000	...	...	...	100	50.0	5,000
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	1,600	...	...	...	700	35.5	25,000	700	35.5	25,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	100	...	...	...	...	...	...	...	...	...
Rio Blanco	600	100	80.0	8,000	100	50.0	5,000	200	65.0	13,000
Routt	1,000	...	...	...	700	57.0	40,000	700	57.0	40,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	3,500	200	65.0	13,000	1,500	46.5	70,000	1,700	49.0	83,000
Boulder	1,200	100	90.0	9,000	400	45.0	18,000	500	54.0	27,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	2,500	300	90.0	27,000	300	36.5	11,000	600	63.5	38,000
Logan	6,000	400	72.5	29,000	800	44.0	35,000	1,200	53.5	64,000
Morgan	1,800	100	90.0	9,000	400	40.0	16,000	500	50.0	25,000
Sedgwick	4,000	300	76.5	23,000	800	40.0	32,000	1,100	50.0	55,000
Weld	7,000	800	79.0	63,000	1,300	40.0	52,000	2,100	55.0	115,000
NORTHEAST	22,500	2,000	80.0	160,000	4,000	41.0	164,000	6,000	54.0	324,000

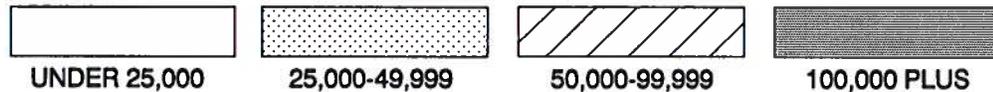
Oats: Acreage and production by county and district, Colorado, 1992, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	3,000	300	83.5	25,000	900	45.5	41,000	1,200	55.0	66,000
Arapahoe	2,000	...	...	...	300	33.5	10,000	300	33.5	10,000
Cheyenne	1,400	100	70.0	7,000	200	30.0	6,000	300	43.5	13,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas	2,100	...	...	...	600	45.0	27,000	600	45.0	27,000
Elbert	7,800	400	85.0	34,000	2,000	31.0	62,000	2,400	40.0	96,000
El Paso	2,700	...	...	...	300	43.5	13,000	300	43.5	13,000
Kiowa	100	...	...	...	...	...	...	...	...	...
Kit Carson ...	3,300	500	72.0	36,000	400	45.0	18,000	900	60.0	54,000
Lincoln	800	...	...	...	300	40.0	12,000	300	40.0	12,000
Phillips	3,500	...	...	...	1,000	63.0	63,000	1,000	63.0	63,000
Washington ...	3,800	600	86.5	52,000	400	32.5	13,000	1,000	65.0	65,000
Yuma	2,500	100	80.0	8,000	600	61.5	37,000	700	64.5	45,000
EAST CENTRAL ..	33,000	2,000	81.0	162,000	7,000	43.0	302,000	9,000	51.5	464,000
Archuleta	200	...	...	...	100	20.0	2,000	100	20.0	2,000
Delta	1,500	600	76.5	46,000	200	20.0	4,000	800	62.5	50,000
Dolores	1,300	300	66.5	20,000	200	25.0	5,000	500	50.0	25,000
Garfield	1,200	500	78.0	39,000	200	30.0	6,000	700	64.5	45,000
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	3,000	1,000	57.0	57,000	1,400	30.0	42,000	2,400	41.5	99,000
Mesa	2,700	1,500	86.0	129,000	400	25.0	10,000	1,900	73.0	139,000
Montezuma ...	1,800	800	66.5	53,000	200	35.0	7,000	1,000	60.0	60,000
Montrose	1,700	1,000	83.0	83,000	300	26.5	8,000	1,300	70.0	91,000
Ouray	300	100	50.0	5,000	...	...	...	100	50.0	5,000
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ...	300	200	30.0	6,000	...	...	...	200	30.0	6,000
SOUTHWEST ...	14,000	6,000	73.0	438,000	3,000	28.0	84,000	9,000	58.0	522,000
Alamosa	2,800	2,000	87.5	175,000	...	...	...	2,000	87.5	175,000
Conejos	4,500	2,700	67.0	181,000	...	...	...	2,700	67.0	181,000
Costilla	1,800	1,000	85.0	85,000	...	...	...	1,000	85.0	85,000
Mineral	300	100	80.0	8,000	...	...	...	100	80.0	8,000
Rio Grande ...	2,000	1,300	90.0	117,000	...	...	...	1,300	90.0	117,000
Saguache	2,600	900	70.0	63,000	...	...	...	900	70.0	63,000
SAN LUIS VALLEY	14,000	8,000	78.5	629,000	...	...	...	8,000	78.5	629,000
Baca	600	200	60.0	12,000	...	...	...	200	60.0	12,000
Bent	400	300	50.0	15,000	...	...	...	300	50.0	15,000
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ...	200	100	50.0	5,000	...	...	...	100	50.0	5,000
Otero	1,000	400	67.5	27,000	...	...	...	400	67.5	27,000
Prowers	500	200	60.0	12,000	...	...	...	200	60.0	12,000
Pueblo	300	100	70.0	7,000	...	...	...	100	70.0	7,000
SOUTHEAST ...	3,000	1,300	60.0	78,000	...	...	...	1,300	60.0	78,000
STATE TOTAL ..	90,000	19,500	76.0	1,480,000	15,500	40.0	620,000	35,000	60.0	2,100,000

Oats: Production by County, Colorado, 1993 with Ranking of First Five Counties



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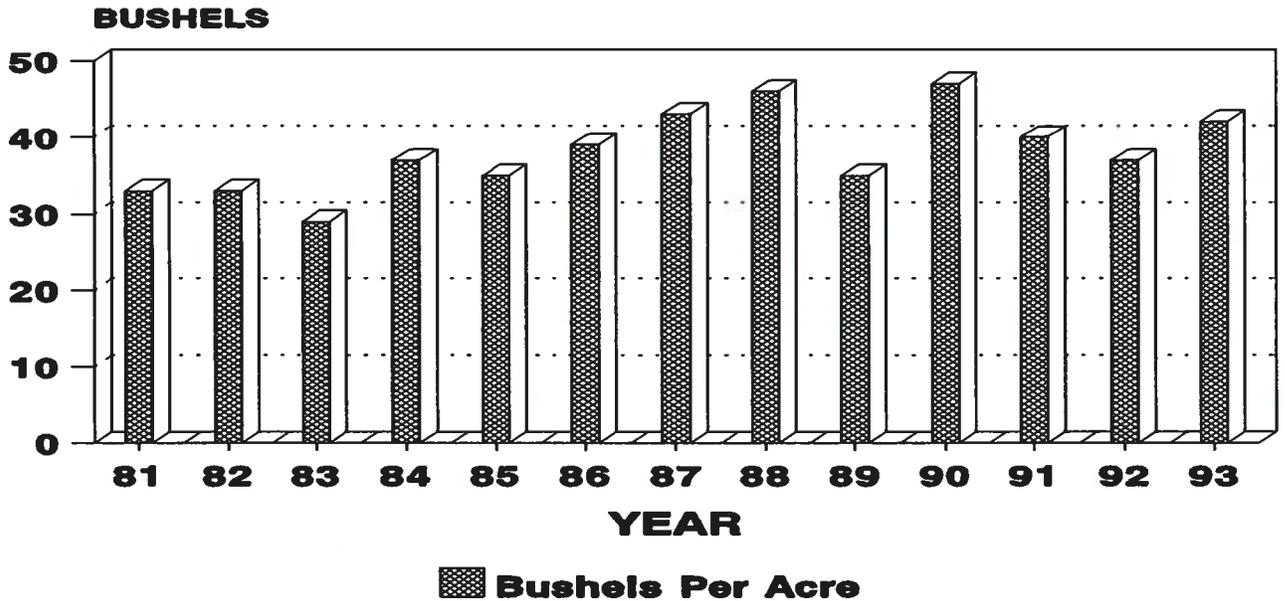
Oats: Acreage and production by county and district, Colorado, 1993

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.	Acreage harvested Acres	Yield per acre Bu.	Production Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	300	100	40.0	4,000	...	...	...	100	40.0	4,000
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	1,500	...	...	...	800	32.5	26,000	800	32.5	26,000
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	100	100	70.0	7,000	...	...	...	100	70.0	7,000
Rio Blanco	300	100	80.0	8,000	...	...	...	100	80.0	8,000
Routt	800	100	50.0	5,000	300	46.5	14,000	400	47.5	19,000
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	3,000	400	60.0	24,000	1,100	36.5	40,000	1,500	42.5	64,000
Boulder	700	100	80.0	8,000	100	30.0	3,000	200	55.0	11,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	1,700	200	95.0	19,000	100	40.0	4,000	300	76.5	23,000
Logan	5,100	200	70.0	14,000	200	45.0	9,000	400	57.5	23,000
Morgan	1,100	100	70.0	7,000	200	40.0	8,000	300	50.0	15,000
Sedgwick	2,600	200	65.0	13,000	700	38.5	27,000	900	44.5	40,000
Weld	6,800	600	85.0	51,000	800	64.0	51,000	1,400	73.0	102,000
NORTHEAST	18,000	1,400	80.0	112,000	2,100	48.5	102,000	3,500	61.0	214,000

Oats: Acreage and production by county and district, Colorado, 1993, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	2,200	200	80.0	16,000	600	40.0	24,000	800	50.0	40,000
Arapahoe	1,600	...	...	...	300	40.0	12,000	300	40.0	12,000
Cheyenne	1,000	...	...	...	200	30.0	6,000	200	30.0	6,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas	2,400	...	...	...	900	38.0	34,000	900	38.0	34,000
Elbert	6,700	200	80.0	16,000	1,800	26.0	47,000	2,000	31.5	63,000
El Paso	1,900	...	...	...	200	50.0	10,000	200	50.0	10,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson	2,800	400	70.0	28,000	300	43.5	13,000	700	58.5	41,000
Lincoln	800	...	...	...	400	42.5	17,000	400	42.5	17,000
Phillips	2,700	...	...	...	700	55.5	39,000	700	55.5	39,000
Washington	3,000	400	82.5	33,000	400	30.0	12,000	800	56.5	45,000
Yuma	2,000	...	...	...	500	58.0	29,000	500	58.0	29,000
EAST CENTRAL	27,000	1,200	77.5	93,000	6,300	38.5	243,000	7,500	45.0	336,000
Archuleta	200	...	...	...	100	20.0	2,000	100	20.0	2,000
Delta	1,600	700	87.0	61,000	...	...	...	700	87.0	61,000
Dolores	1,300	300	60.0	18,000	300	20.0	6,000	600	40.0	24,000
Garfield	1,500	900	73.5	66,000	100	40.0	4,000	1,000	70.0	70,000
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	3,600	1,000	60.0	60,000	1,600	24.0	38,000	2,600	37.5	98,000
Mesa	3,400	1,800	98.5	177,000	200	20.0	4,000	2,000	90.5	181,000
Montezuma	2,200	1,100	68.0	75,000	100	30.0	3,000	1,200	65.0	78,000
Montrose	2,400	1,100	72.5	80,000	100	20.0	2,000	1,200	68.5	82,000
Ouray	200	100	80.0	8,000	...	...	...	100	80.0	8,000
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	600	200	80.0	16,000	...	...	...	200	80.0	16,000
SOUTHWEST	17,000	7,200	78.0	561,000	2,500	23.5	59,000	9,700	64.0	620,000
Alamosa	3,900	2,000	82.0	164,000	...	...	...	2,000	82.0	164,000
Conejos	5,600	2,900	76.0	220,000	...	...	...	2,900	76.0	220,000
Costilla	2,200	1,100	78.0	86,000	...	...	...	1,100	78.0	86,000
Mineral	200	...	...	...	...	...	...	...	...	...
Rio Grande	2,600	1,700	86.5	147,000	...	...	...	1,700	86.5	147,000
Saguache	3,500	1,300	66.0	86,000	...	...	...	1,300	66.0	86,000
SAN LUIS VALLEY	18,000	9,000	78.0	703,000	...	...	...	9,000	78.0	703,000
Baca	800	200	55.0	11,000	...	...	...	200	55.0	11,000
Bent	300	100	50.0	5,000	...	...	...	100	50.0	5,000
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont	100	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas	200	...	...	...	...	...	...	...	...	...
Otero	1,100	300	63.5	19,000	...	...	...	300	63.5	19,000
Prowers	800	100	60.0	6,000	...	...	...	100	60.0	6,000
Pueblo	700	100	60.0	6,000	...	...	...	100	60.0	6,000
SOUTHEAST	4,000	800	59.0	47,000	...	...	...	800	59.0	47,000
STATE TOTAL	87,000	20,000	77.0	1,540,000	12,000	37.0	444,000	32,000	62.0	1,984,000

SORGHUM FOR GRAIN AVERAGE YIELD 1981-93



Sorghum for Grain: Acreage and production by county and district, Colorado, 1992

County	Acreage planted ^{1/}	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee .....	...	...	...	...	...	...	...	...	...	...
Clear Creek .....	...	...	...	...	...	...	...	...	...	...
Eagle .....	...	...	...	...	...	...	...	...	...	...
Gilpin .....	...	...	...	...	...	...	...	...	...	...
Grand .....	...	...	...	...	...	...	...	...	...	...
Gunnison .....	...	...	...	...	...	...	...	...	...	...
Jackson .....	...	...	...	...	...	...	...	...	...	...
Lake .....	...	...	...	...	...	...	...	...	...	...
Moffat .....	...	...	...	...	...	...	...	...	...	...
Park .....	...	...	...	...	...	...	...	...	...	...
Pitkin .....	...	...	...	...	...	...	...	...	...	...
Rio Blanco .....	...	...	...	...	...	...	...	...	...	...
Routt .....	...	...	...	...	...	...	...	...	...	...
Summit .....	...	...	...	...	...	...	...	...	...	...
Teller .....	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder .....	...	...	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...	...	...
Logan	500	100	50.0	5,000	...	...	...	100	50.0	5,000
Morgan	2,700	100	55.0	5,500	600	31.5	19,000	700	35.0	24,500
Sedgwick	1,000	100	50.0	5,000	...	...	...	100	50.0	5,000
Weld	3,100	400	51.5	20,500	500	28.0	14,000	900	38.5	34,500
NORTHEAST ...	7,300	700	51.5	36,000	1,100	30.0	33,000	1,800	38.5	69,000

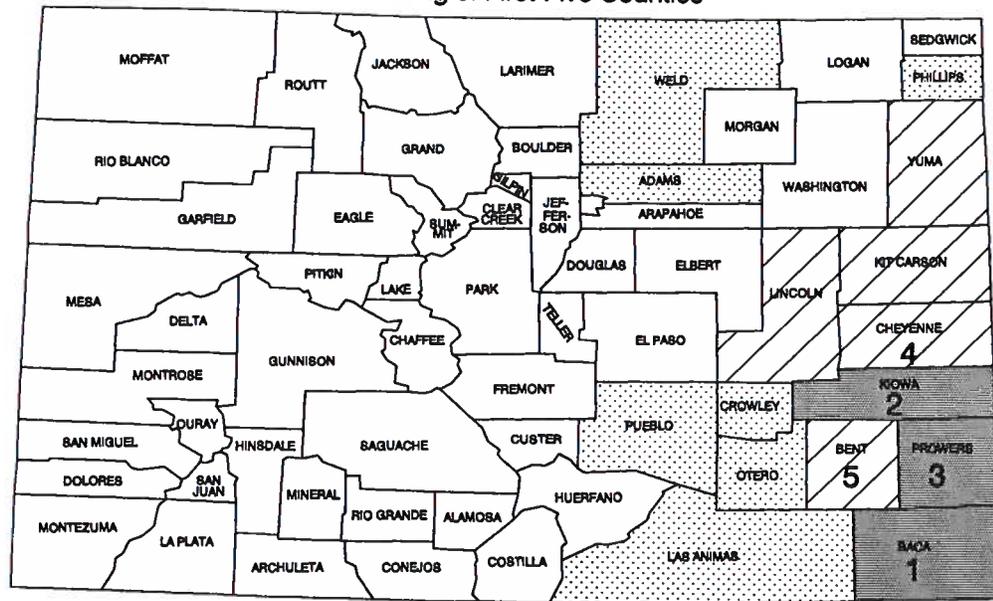
^{1/} Planted for all purposes.

Sorghum for Grain: Acreage and production by county and district, Colorado, 1992, continued

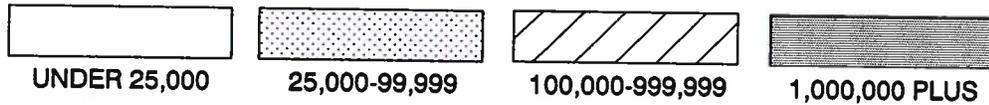
County	Acreage planted 1/ Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.	Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.	Acreage harvested Acres	Yield per acre Bu.	Pro-duction Bu.
Adams	1,800	300	50.0	15,000	900	21.0	19,000	1,200	28.5	34,000
Arapahoe	400	...	...	...	...	...	...	...	...	...
Cheyenne	15,600	300	53.5	16,000	11,200	22.0	246,000	11,500	23.0	262,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert	500	...	...	...	200	25.0	5,000	200	25.0	5,000
El Paso	2,300	...	...	...	700	25.5	18,000	700	25.5	18,000
Kiowa	38,000	1,500	50.0	75,000	32,500	39.0	1,268,000	34,000	39.5	1,343,000
Kit Carson	3,000	1,100	60.0	66,000	700	21.5	15,000	1,800	45.0	81,000
Lincoln	14,000	500	70.0	35,000	11,500	20.0	230,000	12,000	22.0	265,000
Phillips	2,000	200	65.0	13,000	1,100	21.0	23,000	1,300	27.5	36,000
Washington	1,600	200	60.0	12,000	700	20.0	14,000	900	29.0	26,000
Yuma	6,800	1,000	70.0	70,000	3,400	40.0	136,000	4,400	47.0	206,000
EAST CENTRAL	86,000	5,100	59.0	302,000	62,900	31.5	1,974,000	68,000	33.5	2,276,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Delta . . . . .	...	...	...	...	...	...	...	...	...	...
Dolores	100	...	...	...	...	...	...	...	...	...
Garfield . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	200	...	...	...	...	...	...	...	...	...
Mesa	400	200	65.0	13,000	...	...	...	200	65.0	13,000
Montezuma . . . . .	...	...	...	...	...	...	...	...	...	...
Montrose . . . . .	...	...	...	...	...	...	...	...	...	...
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel . . . . .	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	700	200	65.0	13,000	...	...	...	200	65.0	13,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY . . . . .	...	...	...	...	...	...	...	...	...	...
Baca	109,000	23,500	38.0	893,000	68,500	30.5	2,095,000	92,000	32.5	2,988,000
Bent	8,000	6,300	75.0	473,000	200	35.0	7,000	6,500	74.0	480,000
Crowley	3,000	700	70.0	49,000	1,500	22.0	33,000	2,200	37.5	82,000
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas	700	200	55.0	11,000	100	30.0	3,000	300	46.5	14,000
Otero	2,000	1,200	75.0	90,000	...	...	...	1,200	75.0	90,000
Prowers	21,000	11,900	70.0	833,000	4,600	30.0	138,000	16,500	59.0	971,000
Pueblo	2,300	200	70.0	14,000	1,100	30.0	33,000	1,300	36.0	47,000
SOUTHEAST	146,000	44,000	53.5	2,363,000	76,000	30.5	2,309,000	120,000	39.0	4,672,000
STATE TOTAL	240,000	50,000	54.5	2,714,000	140,000	31.0	4,316,000	190,000	37.0	7,030,000

1/ Planted for all purposes.

Sorghum for Grain: Production by County, Colorado, 1993
with Ranking of First Five Counties



BUSHEL



Sorghum for Grain: Acreage and production by county and district, Colorado, 1993

County	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder	...	...	...	...	...	...	...	...	...	...
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	...	...	...	...	...	...	...	...	...	...
Logan	300	...	...	...	100	25.0	2,500	100	25.0	2,500
Morgan	2,500	100	65.0	6,500	500	31.0	15,500	600	36.5	22,000
Sedgwick	600	...	...	...	100	25.0	2,500	100	25.0	2,500
Weld	1,900	300	58.5	17,500	600	27.5	16,500	900	38.0	34,000
NORTHEAST	5,300	400	60.0	24,000	1,300	28.5	37,000	1,700	36.0	61,000

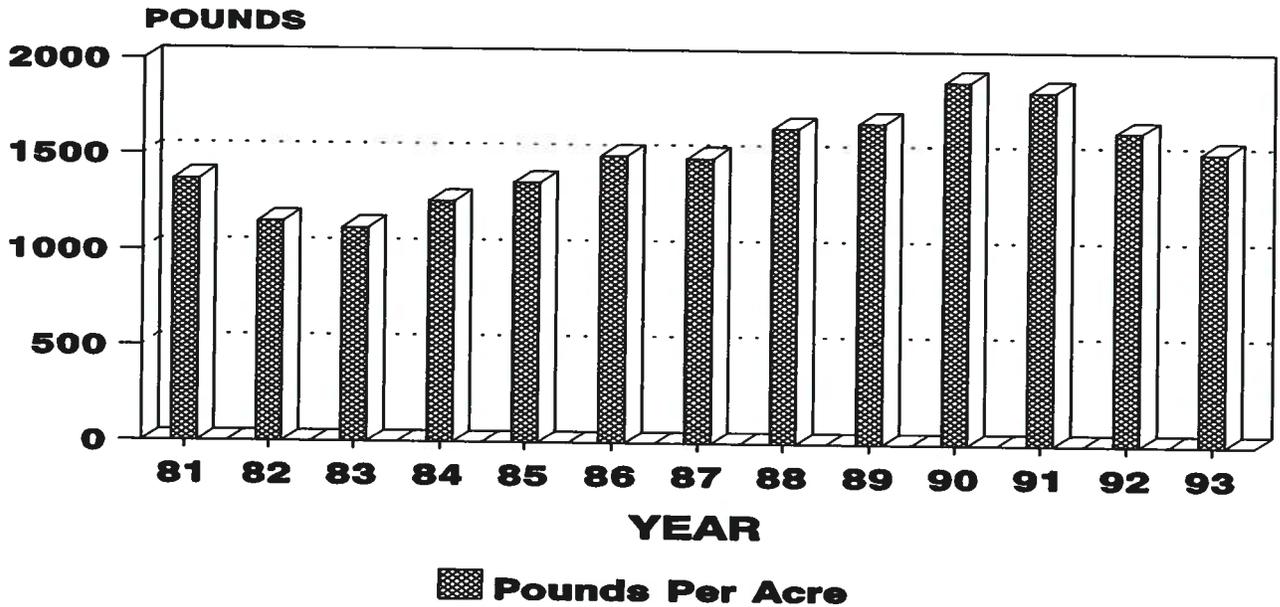
1/ Planted for all purposes.

Sorghum for Grain: Acreage and production by county and district, Colorado, 1993, continued

County	Acreage planted 1/	Irrigated			Non-Irrigated			Total		
		Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction	Acreage har-vested	Yield per acre	Pro-duction
		Acres	Bu.	Bu.	Acres	Bu.	Bu.	Acres	Bu.	Bu.
Adams	1,900	600	43.5	26,000	500	22.0	11,000	1,100	33.5	37,000
Arapahoe	500	...	...	...	...	...	...	...	...	...
Cheyenne	14,300	200	50.0	10,000	11,800	30.5	360,000	12,000	31.0	370,000
Denver	...	...	...	...	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	...	...	...	...
Elbert	1,500	...	...	...	500	24.0	12,000	500	24.0	12,000
El Paso	2,300	...	...	...	1,000	24.0	24,000	1,000	24.0	24,000
Kiowa	40,000	1,600	60.0	96,000	30,900	36.5	1,124,000	32,500	37.5	1,220,000
Kit Carson	2,500	1,000	80.0	80,000	1,000	29.0	29,000	2,000	54.5	109,000
Lincoln	13,000	900	65.0	58,500	10,600	18.0	190,000	11,500	21.5	248,500
Phillips	2,000	100	65.0	6,500	1,200	22.0	26,500	1,300	25.5	33,000
Washington	1,500	100	60.0	6,000	800	22.0	17,500	900	26.0	23,500
Yuma	10,500	800	60.0	48,000	3,400	35.0	119,000	4,200	40.0	167,000
EAST CENTRAL	90,000	5,300	62.5	331,000	61,700	31.0	1,913,000	67,000	33.5	2,244,000
Archuleta	...	...	...	...	...	...	...	...	...	...
Delta	...	...	...	...	...	...	...	...	...	...
Dolores	...	...	...	...	...	...	...	...	...	...
Garfield	...	...	...	...	...	...	...	...	...	...
Hinsdale	...	...	...	...	...	...	...	...	...	...
La Plata	100	...	...	...	...	...	...	...	...	...
Mesa	400	300	70.0	21,000	...	...	...	300	70.0	21,000
Montezuma	200	...	...	...	...	...	...	...	...	...
Montrose	...	...	...	...	...	...	...	...	...	...
Ouray	...	...	...	...	...	...	...	...	...	...
San Juan	...	...	...	...	...	...	...	...	...	...
San Miguel	...	...	...	...	...	...	...	...	...	...
SOUTHWEST	700	300	70.0	21,000	...	...	...	300	70.0	21,000
Alamosa	...	...	...	...	...	...	...	...	...	...
Conejos	...	...	...	...	...	...	...	...	...	...
Costilla	...	...	...	...	...	...	...	...	...	...
Mineral	...	...	...	...	...	...	...	...	...	...
Rio Grande	...	...	...	...	...	...	...	...	...	...
Saguache	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY	...	...	...	...	...	...	...	...	...	...
Baca	95,500	21,000	61.5	1,290,000	72,000	38.0	2,720,000	93,000	43.0	4,010,000
Bent	7,700	4,500	64.5	290,000	1,000	35.0	35,000	5,500	59.0	325,000
Crowley	5,000	500	62.0	31,000	1,500	38.0	57,000	2,000	44.0	88,000
Custer	...	...	...	...	...	...	...	...	...	...
Fremont	...	...	...	...	...	...	...	...	...	...
Huerfano	...	...	...	...	...	...	...	...	...	...
Las Animas	1,000	200	50.0	10,000	500	30.0	15,000	700	35.5	25,000
Otero	1,200	800	67.5	54,000	...	...	...	800	67.5	54,000
Prowers	22,500	12,000	71.5	860,000	6,000	42.0	252,000	18,000	62.0	1,112,000
Pueblo	1,100	...	...	...	1,000	40.0	40,000	1,000	40.0	40,000
SOUTHEAST	134,000	39,000	65.0	2,535,000	82,000	38.0	3,119,000	121,000	46.5	5,654,000
STATE TOTAL	230,000	45,000	64.5	2,911,000	145,000	35.0	5,069,000	190,000	42.0	7,980,000

1/ Planted for all purposes.

DRY BEANS AVERAGE YIELD 1981-93



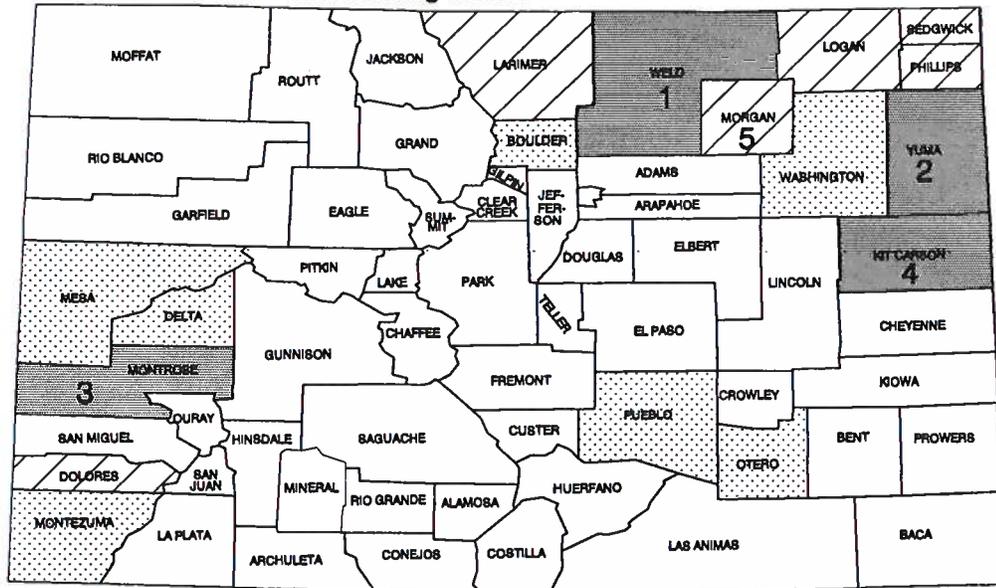
Dry Beans: Acreage and production by county and district, Colorado, 1992

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.	Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.	Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder	1,500	1,500	1,600	24,000	...	...	...	1,500	1,600	24,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	5,500	5,500	2,270	125,000	...	...	...	5,500	2,270	125,000
Logan	7,000	6,700	1,730	116,000	...	...	...	6,700	1,730	116,000
Morgan	8,300	8,100	2,000	162,000	...	...	...	8,100	2,000	162,000
Sedgwick	5,200	4,800	1,580	76,000	400	1,000	4,000	5,200	1,540	80,000
Weld	31,500	31,000	2,210	684,000	...	...	...	31,000	2,210	684,000
NORTHEAST	59,000	57,600	2,060	1,187,000	400	1,000	4,000	58,000	2,050	1,191,000

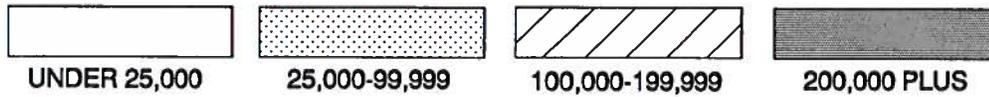
Dry Beans: Acreage and production by county and district, Colorado, 1992, continued

County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
	Acres	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	400	400	2,200	8,800	...	...	...	400	2,200	8,800
Arapahoe . . . . .	...	...	...	...	...	...	...	...	...	...
Cheyenne	100	100	2,000	2,000	...	...	...	100	2,000	2,000
Denver . . . . .	...	...	...	...	...	...	...	...	...	...
Douglas . . . . .	...	...	...	...	...	...	...	...	...	...
Elbert . . . . .	...	...	...	...	...	...	...	...	...	...
El Paso	300	100	2,000	2,000	200	500	1,000	300	1,000	3,000
Kiowa . . . . .	...	...	...	...	...	...	...	...	...	...
Kit Carson	12,800	12,400	1,920	238,000	200	600	1,200	12,600	1,900	239,200
Lincoln	500	100	1,700	1,700	400	580	2,300	500	800	4,000
Phillips	7,200	6,000	1,750	105,000	200	700	1,400	6,200	1,720	106,400
Washington	2,800	2,500	1,680	42,000	...	...	...	2,500	1,680	42,000
Yuma	17,800	17,400	2,090	364,000	200	800	1,600	17,600	2,080	365,600
EAST CENTRAL	41,900	39,000	1,960	763,500	1,200	630	7,500	40,200	1,920	771,000
Archuleta . . . . .	...	...	...	...	...	...	...	...	...	...
Delta	3,600	3,600	1,960	70,500	...	...	...	3,600	1,960	70,500
Dolores	25,400	1,600	1,300	20,800	22,900	500	114,500	24,500	550	135,300
Garfield . . . . .	...	...	...	...	...	...	...	...	...	...
Hinsdale . . . . .	...	...	...	...	...	...	...	...	...	...
La Plata	1,700	...	...	...	1,600	500	8,000	1,600	500	8,000
Mesa	1,700	1,600	1,710	27,300	...	...	...	1,600	1,710	27,300
Montezuma	11,800	2,400	1,480	35,400	9,200	530	49,000	11,600	730	84,400
Montrose	11,700	11,000	2,090	230,000	...	...	...	11,000	2,090	230,000
Ouray . . . . .	...	...	...	...	...	...	...	...	...	...
San Juan . . . . .	...	...	...	...	...	...	...	...	...	...
San Miguel	2,100	...	...	...	2,100	400	8,500	2,100	400	8,500
SOUTHWEST	58,000	20,200	1,900	384,000	35,800	500	180,000	56,000	1,010	564,000
Alamosa . . . . .	...	...	...	...	...	...	...	...	...	...
Conejos . . . . .	...	...	...	...	...	...	...	...	...	...
Costilla . . . . .	...	...	...	...	...	...	...	...	...	...
Mineral . . . . .	...	...	...	...	...	...	...	...	...	...
Rio Grande . . . . .	...	...	...	...	...	...	...	...	...	...
Saguache . . . . .	...	...	...	...	...	...	...	...	...	...
SAN LUIS VALLEY	...	...	...	...	...	...	...	...	...	...
Baca . . . . .	...	...	...	...	...	...	...	...	...	...
Bent	100	100	1,600	1,600	...	...	...	100	1,600	1,600
Crowley . . . . .	...	...	...	...	...	...	...	...	...	...
Custer . . . . .	...	...	...	...	...	...	...	...	...	...
Fremont . . . . .	...	...	...	...	...	...	...	...	...	...
Huerfano . . . . .	...	...	...	...	...	...	...	...	...	...
Las Animas . . . . .	...	...	...	...	...	...	...	...	...	...
Otero	1,100	1,000	1,680	16,800	...	...	...	1,000	1,680	16,800
Prowers	400	200	1,550	3,100	200	650	1,300	400	1,100	4,400
Pueblo	3,500	2,900	2,000	58,000	400	300	1,200	3,300	1,790	59,200
SOUTHEAST	5,100	4,200	1,890	79,500	600	420	2,500	4,800	1,710	82,000
STATE TOTAL	164,000	121,000	2,000	2,414,000	38,000	510	194,000	159,000	1,640	2,608,000

Dry Beans: Production by County, Colorado, 1993
with Ranking of First Five Counties



BUSHEL



Dry Beans: Acreage and production by county and district, Colorado, 1993

County and District	Acreage planted Acres	Irrigated			Non-Irrigated			Total		
		Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.	Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.	Acreage harvested Acres	Yield per acre Lbs.	Production Cwt.
Chaffee	...	...	...	...	...	...	...	...	...	...
Clear Creek	...	...	...	...	...	...	...	...	...	...
Eagle	...	...	...	...	...	...	...	...	...	...
Gilpin	...	...	...	...	...	...	...	...	...	...
Grand	...	...	...	...	...	...	...	...	...	...
Gunnison	...	...	...	...	...	...	...	...	...	...
Jackson	...	...	...	...	...	...	...	...	...	...
Lake	...	...	...	...	...	...	...	...	...	...
Moffat	...	...	...	...	...	...	...	...	...	...
Park	...	...	...	...	...	...	...	...	...	...
Pitkin	...	...	...	...	...	...	...	...	...	...
Rio Blanco	...	...	...	...	...	...	...	...	...	...
Routt	...	...	...	...	...	...	...	...	...	...
Summit	...	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	...	...	...	...	...	...	...	...	...	...
Boulder	2,400	2,200	2,140	47,000	...	...	...	2,200	2,140	47,000
Jefferson	...	...	...	...	...	...	...	...	...	...
Larimer	8,100	7,500	2,040	153,000	...	...	...	7,500	2,040	153,000
Logan	7,100	6,900	1,970	136,000	...	...	...	6,900	1,970	136,000
Morgan	10,100	9,500	2,050	195,000	...	...	...	9,500	2,050	195,000
Sedgwick	6,700	5,900	1,640	96,500	500	900	4,500	6,400	1,580	101,000
Weld	37,600	35,500	2,190	778,000	...	...	...	35,500	2,190	778,000
NORTHEAST	72,000	67,500	2,080	1,405,500	500	900	4,500	68,000	2,070	1,410,000

Dry Beans: Acreage and production by county and district, Colorado, 1993, continued

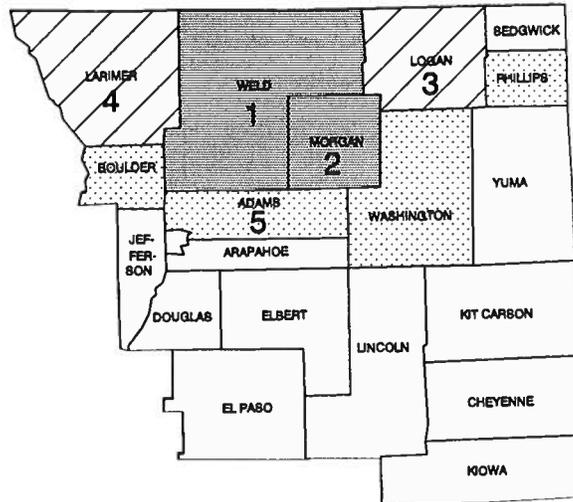
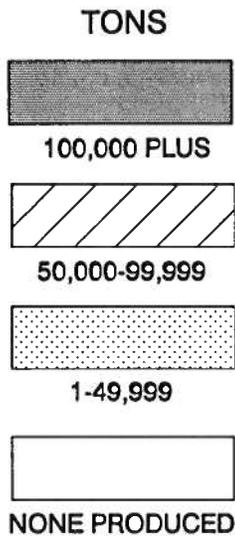
County and District	Acreage planted	Irrigated			Non-Irrigated			Total		
		Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction	Acreage harvested	Yield per acre	Pro-duction
		Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.	Acres	Lbs.	Cwt.
Adams	500	500	2,000	10,000	...	...	...	500	2,000	10,000
Arapahoe .....	...	...	...	...	...	...	...	...	...	...
Cheyenne	200	200	2,000	4,000	...	...	...	200	2,000	4,000
Denver .....	...	...	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...	...	...
Elbert .....	...	...	...	...	...	...	...	...	...	...
El Paso	300	...	...	...	300	600	1,800	300	600	1,800
Kiowa .....	...	...	...	...	...	...	...	...	...	...
Kit Carson ...	18,000	17,200	1,420	243,500	300	830	2,500	17,500	1,410	246,000
Lincoln	900	200	1,500	3,000	400	1,000	4,000	600	1,170	7,000
Phillips	7,600	6,100	1,740	106,000	...	...	...	6,100	1,740	106,000
Washington ...	5,000	3,200	1,640	52,500	600	1,120	6,700	3,800	1,560	59,200
Yuma	26,500	19,800	1,550	306,500	200	1,250	2,500	20,000	1,550	309,000
AST CENTRAL .	59,000	47,200	1,540	725,500	1,800	970	17,500	49,000	1,520	743,000
Archuleta .....	...	...	...	...	...	...	...	...	...	...
Delta	4,100	4,100	1,980	81,000	...	...	...	4,100	1,980	81,000
Dolores	28,400	1,800	1,660	29,800	25,400	330	85,000	27,200	420	114,800
Garfield .....	...	...	...	...	...	...	...	...	...	...
Hinsdale .....	...	...	...	...	...	...	...	...	...	...
La Plata	2,500	...	...	...	2,200	270	6,000	2,200	270	6,000
Mesa	1,800	1,800	1,670	30,000	...	...	...	1,800	1,670	30,000
Montezuma ...	14,900	3,100	1,850	57,200	9,900	290	28,800	13,000	660	86,000
Montrose	12,500	12,200	2,070	253,000	...	...	...	12,200	2,070	253,000
Ouray .....	...	...	...	...	...	...	...	...	...	...
San Juan .....	...	...	...	...	...	...	...	...	...	...
San Miguel ...	1,800	...	...	...	1,500	210	3,200	1,500	210	3,200
OUTHWEST ...	66,000	23,000	1,960	451,000	39,000	320	123,000	62,000	930	574,000
Alamosa .....	...	...	...	...	...	...	...	...	...	...
Conejos .....	...	...	...	...	...	...	...	...	...	...
Costilla .....	...	...	...	...	...	...	...	...	...	...
Mineral .....	...	...	...	...	...	...	...	...	...	...
Rio Grande ...	...	...	...	...	...	...	...	...	...	...
Saguache .....	...	...	...	...	...	...	...	...	...	...
AN LUIS VALLEY	...	...	...	...	...	...	...	...	...	...
Baca .....	...	...	...	...	...	...	...	...	...	...
Bent .....	...	...	...	...	...	...	...	...	...	...
Crowley .....	...	...	...	...	...	...	...	...	...	...
Custer .....	...	...	...	...	...	...	...	...	...	...
Fremont .....	...	...	...	...	...	...	...	...	...	...
Huerfano .....	...	...	...	...	...	...	...	...	...	...
Las Animas ...	...	...	...	...	...	...	...	...	...	...
Otero	1,800	1,600	1,690	27,100	...	...	...	1,600	1,690	27,100
Prowers	200	...	...	...	100	400	400	100	400	400
Pueblo	6,000	3,200	2,220	70,900	1,100	510	5,600	4,300	1,780	76,500
OUTHEAST ...	8,000	4,800	2,040	98,000	1,200	500	6,000	6,000	1,730	104,000
TATE TOTAL ..	205,000	142,500	1,880	2,680,000	42,500	360	151,000	185,000	1,530	2,831,000

Dry Beans: Acreage, yield and production by class, Colorado, 1988-93

Year	Acreage planted	Acreage harvested	Yield per acre	Production
Navy				
	Acres	Acres	Pounds	Cwt.
1988	1/	1/	1/	1/
1989	1/	1/	1/	1/
1990	1/	1/	1/	1/
1991	1,900	1,700	1,760	30,000
1992	600	500	1,600	8,000
1993	1,700	700	1,710	12,000
Light Red Kidney				
1988	1/	1/	1/	1/
1989	1/	1/	1/	1/
1990	1/	1/	1/	1/
1991	2,700	2,700	2,220	60,000
1992	7,400	7,300	2,100	153,000
1993	12,800	8,800	1,160	102,000
Great Northern				
1988	1/	1/	1/	1/
1989	1/	1/	1/	1/
1990	1/	1/	1/	1/
1991	2,300	2,300	1,830	42,000
1992	1,200	1,200	2,250	27,000
1993	200	200	1,000	2,000
Pinto				
1988	146,000	141,500	1,620	2,288,000
1989	181,000	171,500	1,650	2,838,000
1990	221,000	203,000	1,880	3,813,000
1991	181,200	171,700	1,850	3,173,000
1992	151,000	146,500	1,620	2,370,000
1993	186,500	172,000	1,550	2,662,000
Black Turtle Soup				
1988	1/	1/	1/	1/
1989	1/	1/	1/	1/
1990	1/	1/	1/	1/
1991	1/	1/	1/	1/
1992	1/	1/	1/	1/
1993	2,900	2,600	1,730	45,000
Other				
1988	14,000	13,500	2,000	270,000
1989	14,000	13,500	2,000	270,000
1990	24,000	22,000	2,100	462,000
1991	1,900	1,600	1,560	25,000
1992	3,800	3,500	1,430	50,000
1993	900	700	1,140	8,000
Total				
1988	160,000	155,000	1,650	2,558,000
1989	195,000	185,000	1,680	3,108,000
1990	245,000	225,000	1,900	4,275,000
1991	190,000	180,000	1,850	3,330,000
1992	164,000	159,000	1,640	2,608,000
1993	205,000	185,000	1,530	2,831,000

1/ Not available.

Sugar Beets: Production by County, Colorado, 1993
with Ranking of First Five Counties



Sugar Beets: Acreage and production by county and district, Colorado, 1992-93 1/

County and District	1992				1993			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Tons	Tons	Acres		Tons	Tons
Boulder	1,000	990	21.9	21,700	780	780	24.2	18,900
Jefferson	...	...	...	...	...	...	...	...
Larimer	2,570	2,570	22.6	58,000	2,520	2,520	24.2	60,900
Logan	4,260	4,120	23.3	96,200	4,290	4,070	21.5	87,400
Morgan	9,600	9,580	25.3	242,800	9,680	9,650	22.2	213,900
Sedgwick	...	...	...	...	...	...	...	...
Weld	21,150	21,020	23.7	499,100	21,540	21,490	23.7	509,800
NORTHEAST	38,580	38,280	24.0	917,800	38,810	38,510	23.1	890,900
Adams	1,050	1,050	21.8	22,900	890	890	22.2	19,800
Arapahoe	...	...	...	...	...	...	...	...
Cheyenne	...	...	...	...	...	...	...	...
Denver	...	...	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	...	...
Elbert	...	...	...	...	...	...	...	...
El Paso	...	...	...	...	...	...	...	...
Kiowa	...	...	...	...	...	...	...	...
Kit Carson	...	...	...	...	...	...	...	...
Lincoln	...	...	...	...	...	...	...	...
Phillips	150	150	26.0	3,900	140	140	22.1	3,100
Washington	420	420	22.4	9,400	460	460	22.2	10,200
Yuma	...	...	...	...	...	...	...	...
EAST CENTRAL	1,620	1,620	22.3	36,200	1,490	1,490	22.2	33,100
STATE	40,200	39,900	23.9	954,000	40,300	40,000	23.1	924,000

1/ Data shown only for producing districts.

Potatoes: Acreage and production by county, Colorado, 1992-93

County	1992				1993			
	Acreage		Yield per acre	Production	Acreage		Yield per acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres	Cwt.	1,000 Cwt.	Acres	Cwt.	1,000 Cwt.		
Alamosa	22,600	22,500	340	7,650	26,000	25,900	375	9,775
Conejos	1,700	1,700	320	545	1,500	1,500	355	530
Costilla	2,600	2,500	340	845	3,700	3,700	345	1,275
Morgan	1,300	1,300	290	377	1,400	1,400	335	469
Rio Grande	25,300	25,100	330	8,240	25,500	25,400	335	8,510
Saguache	14,300	14,200	340	4,830	15,800	15,700	330	5,180
Weld	3,600	3,500	300	1,042	3,800	3,700	290	1,073
Yuma	1,100	1,000	335	336	2,100	2,100	340	714
Other counties ..	900	900	285	255	1,000	1,000	285	286
State Total	73,400	72,700	332	24,120	80,800	80,400	347	27,812

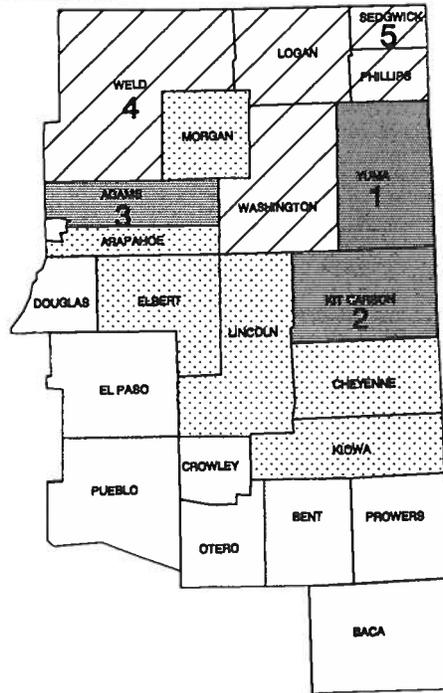
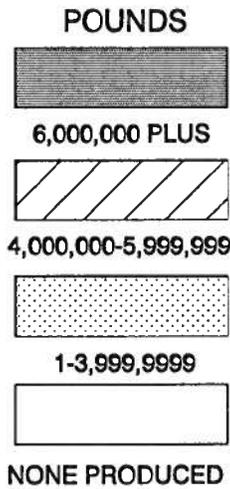
Potatoes: Production and disposition by seasonal group, Colorado, 1984-92

Year	Summer Crop					Fall Crop				
	Production	Farm disposition				Production	Farm Disposition			
		Seed feed & home use	Shrinkage & loss	Sold			Seed feed & home use	Shrinkage & loss	Sold	
				Quantity	% of Production				Quantity	% of Production
1,000 Cwt.	1,000 Cwt.	1,000 Cwt.	Percent	1,000 Cwt.	1,000 Cwt.	Percent				
1984	1,988	3	120	1,865	94	17,225	730	1,690	14,805	86
1985	2,220	4	31	2,185	98	17,920	836	2,873	14,211	79
1986	2,070	4	110	1,956	94	18,810	930	1,605	16,275	87
1987	1,859	3	91	1,765	95	19,500	920	1,870	16,710	86
1988	1,861	11	73	1,777	95	19,040	996	1,430	16,614	87
1989	2,144	4	90	2,050	96	20,603	1,067	1,550	17,986	87
1990	2,124	3	125	1,996	94	22,750	1,140	2,685	18,925	83
1991	2,036	6	104	1,926	95	23,800	1,295	2,492	20,013	84
1992	2,010	5	110	1,895	94	22,110	1,310	1,825	18,975	86

Fall Potatoes: Production and stocks, Colorado, 1984-94

Production	Stocks and percent of production held by growers and commercial storages												
	December 1		January 1		February 1		March 1		April 1		May 1		
	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	Stocks	Pct.	
	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	1,000 Cwt.	%	
1984-85 ...	17,225	12,700	74	10,950	64	8,900	52	7,150	42	5,400	31	3,350	19
1985-86 ...	17,920	14,600	81	12,900	72	11,000	61	9,350	52	7,550	42	5,350	30
1986-87 ...	18,810	13,600	72	11,750	62	9,750	52	8,200	44	6,300	33	4,250	23
1987-88 ...	19,500	15,600	80	13,800	71	11,800	61	10,200	52	8,100	42	5,900	30
1988-89 ...	19,040	14,700	77	12,950	68	11,200	59	9,450	50	7,400	39	5,500	29
1989-90 ...	20,603	15,650	76	13,750	67	11,700	57	9,850	48	7,600	37	5,600	27
1990-91 ...	22,750	16,550	73	14,400	63	11,800	52	9,950	44	7,700	34	5,650	25
1991-92 ...	23,800	17,850	75	15,600	66	13,150	55	11,250	47	8,750	37	6,150	26
1992-93 ...	22,110	17,700	80	15,500	70	13,600	62	11,800	53	9,400	43	6,900	31
1993-94 ...	25,270	18,250	72	15,800	63	13,300	53	10,900	43	8,350	33	6,100	24

Sunflowers, All: Production by county, Colorado, 1993
with Ranking of First Five Counties

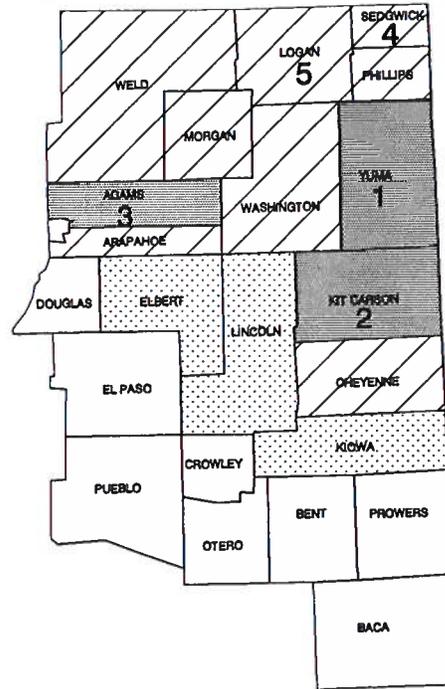
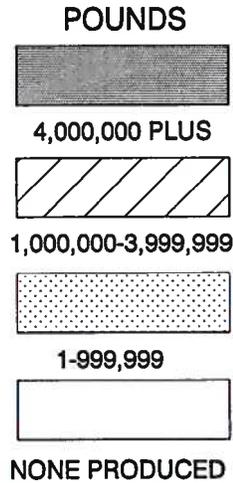


Sunflowers, All: Acreage and production by county and district, Colorado, 1992-93 1/

District	Acreage planted		Acreage harvested		Yield per acre		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Pounds		Pounds	
Boulder	...	...	...	...	...	...	...	...
Jefferson	...	...	...	...	...	...	...	...
Larimer	...	...	...	...	...	...	...	...
Logan	6,000	5,400	5,800	5,300	1,145	870	6,630,000	4,600,000
Morgan	2,800	4,100	2,700	4,100	1,245	855	3,360,000	3,500,000
Sedgwick	4,600	4,500	4,500	4,400	1,400	1,300	6,300,000	5,720,000
Weld	3,600	6,000	3,500	5,200	1,170	1,125	4,090,000	5,860,000
NORTHEAST	17,000	20,000	16,500	19,000	1,235	1,035	20,380,000	19,680,000
Adams	7,800	7,900	7,700	6,800	1,080	960	8,320,000	6,520,000
Arapahoe	3,500	2,500	3,500	2,500	1,255	1,080	4,400,000	2,700,000
Cheyenne	900	2,500	900	2,500	820	975	740,000	2,440,000
Denver	...	...	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	...	...
Elbert	1,200	1,400	1,200	1,400	1,600	1,070	1,920,000	1,500,000
El Paso	...	...	...	...	...	...	...	...
Kiowa	300	500	300	500	750	720	225,000	360,000
Kit Carson	7,600	17,800	7,500	15,500	1,690	1,450	12,680,000	22,500,000
Lincoln	900	800	900	800	735	600	660,000	480,000
Phillips	4,500	4,300	4,500	4,000	1,450	1,045	6,525,000	4,180,000
Washington	10,000	6,800	9,000	6,500	1,155	870	10,380,000	5,650,000
Yuma	16,300	20,500	15,000	17,500	1,690	1,315	25,370,000	22,990,000
EAST CENTRAL	53,000	65,000	50,500	58,000	1,410	1,195	717,220,000	69,320,000
STATE TOTAL	70,000	85,000	67,000	77,000	1,367	1,156	91,600,000	89,000,000

1/ Data shown only for producing districts.

Sunflowers, Oil: Production by county, Colorado, 1993
with Ranking of First Five Counties

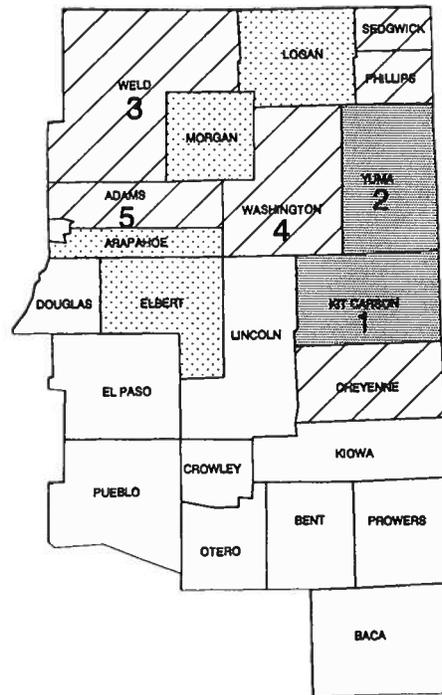
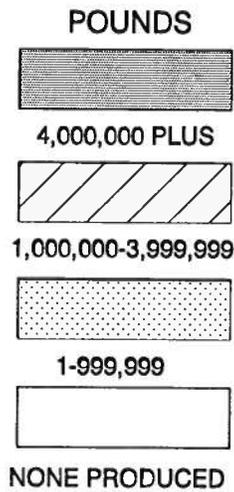


Sunflowers, Oil: Acreage and production by county and district, Colorado, 1992-93 ^{1/}

District	Acreage planted		Acreage harvested		Yield per acre		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Pounds		Pounds	
Boulder .....	...	...	...	...	...	...	...	...
Jefferson .....	...	...	...	...	...	...	...	...
Larimer .....	...	...	...	...	...	...	...	...
Logan	5,100	4,500	4,900	4,400	1,115	850	5,460,000	3,740,000
Morgan	2,200	3,300	2,100	3,300	1,295	800	2,720,000	2,640,000
Sedgwick	3,300	3,100	3,300	3,100	1,320	1,275	4,350,000	3,960,000
Weld	1,700	3,800	1,700	3,200	1,220	1,100	2,070,000	3,520,000
NORTHEAST	12,300	14,700	12,000	14,000	1,215	990	14,600,000	13,860,000
Adams	4,800	5,300	4,700	4,800	1,000	920	4,700,000	4,420,000
Arapahoe	1,900	1,600	1,900	1,600	1,310	1,150	2,490,000	1,840,000
Cheyenne	900	1,700	900	1,700	820	800	740,000	1,360,000
Denver .....	...	...	...	...	...	...	...	...
Douglas .....	...	...	...	...	...	...	...	...
Elbert	800	600	800	600	1,700	1,100	1,360,000	660,000
El Paso .....	...	...	...	...	...	...	...	...
Kiowa	300	500	300	500	750	720	225,000	360,000
Kit Carson	3,000	11,600	3,000	9,500	1,825	1,440	5,480,000	13,680,000
Lincoln	900	800	900	800	735	600	660,000	480,000
Phillips	3,000	2,400	3,000	2,200	1,360	1,000	4,075,000	2,200,000
Washington	6,400	4,600	5,500	4,400	1,035	800	5,700,000	3,520,000
Yuma	11,700	16,200	11,000	13,900	1,760	1,300	19,370,000	18,100,000
EAST CENTRAL	33,700	45,300	32,000	40,000	1,400	1,165	44,800,000	46,620,000
STATE TOTAL	46,000	60,000	44,000	54,000	1,350	1,120	59,400,000	60,480,000

^{1/} Data shown only for producing districts.

Sunflowers, Non-Oil: Production by county, Colorado, 1993
with Ranking of First Five Counties

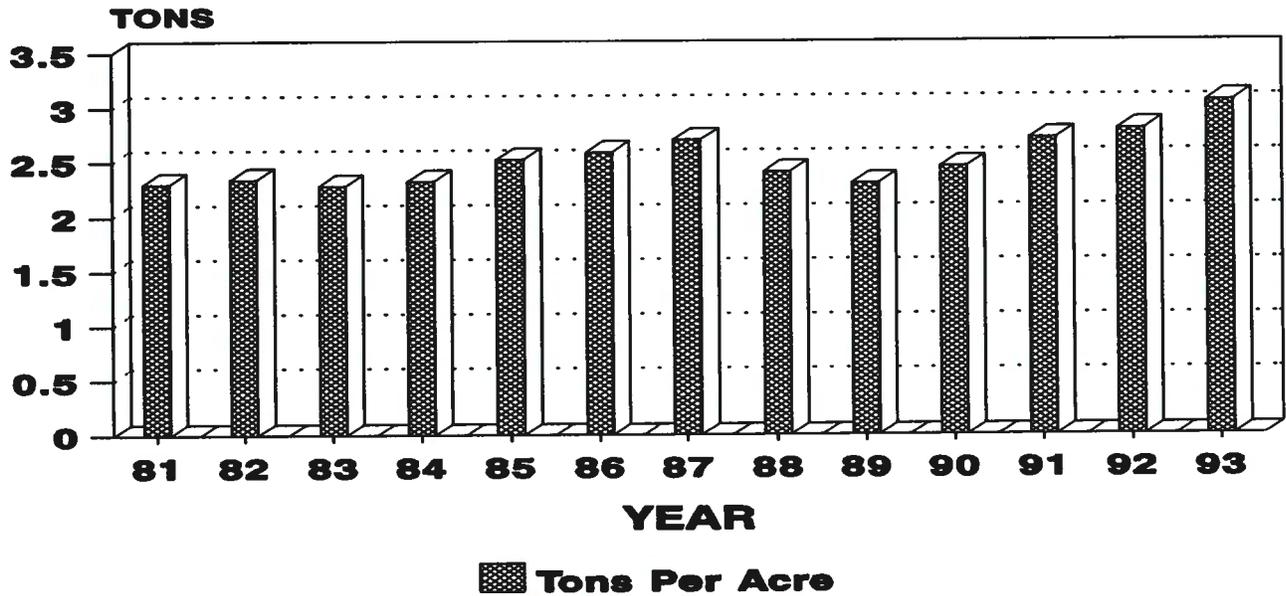


Sunflowers, Non-Oil: Acreage and production by county and district, Colorado, 1992-93 1/

District	Acreage planted		Acreage harvested		Yield per acre		Production	
	1992	1993	1992	1993	1992	1993	1992	1993
	Acres		Acres		Pounds		Pounds	
Boulder	...	...	...	...	...	...	...	...
Jefferson	...	...	...	...	...	...	...	...
Larimer	...	...	...	...	...	...	...	...
Logan	900	900	900	900	1,300	955	1,170,000	860,000
Morgan	600	800	600	800	1,065	1,075	640,000	860,000
Sedgwick	1,300	1,400	1,200	1,300	1,625	1,355	1,950,000	1,760,000
Weld	1,900	2,200	1,800	2,000	1,120	1,170	2,020,000	2,340,000
NORTHEAST	4,700	5,300	4,500	5,000	1,285	1,165	5,780,000	5,820,000
Adams	3,000	2,600	3,000	2,000	1,205	1,050	3,620,000	2,100,000
Arapahoe	1,600	900	1,600	900	1,195	955	1,910,000	860,000
Cheyenne	...	800	...	800	...	1,350	...	1,080,000
Denver	...	...	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	...	...
Elbert	400	800	400	800	1,400	1,050	560,000	840,000
El Paso	...	...	...	...	...	...	...	...
Kiowa	...	...	...	...	...	...	...	...
Kit Carson	4,600	6,200	4,500	6,000	1,600	1,470	7,200,000	8,820,000
Lincoln	...	...	...	...	...	...	...	...
Phillips	1,500	1,900	1,500	1,800	1,635	1,100	2,450,000	1,980,000
Washington	3,600	2,200	3,500	2,100	1,335	1,015	4,680,000	2,130,000
Yuma	4,600	4,300	4,000	3,600	1,500	1,360	6,000,000	4,890,000
EAST CENTRAL	19,300	19,700	18,500	18,000	1,430	1,260	26,420,000	22,700,000
STATE TOTAL	24,000	25,000	23,000	23,000	1,400	1,240	32,200,000	28,520,000

1/ Data shown only for producing districts.

ALL HAY AVERAGE YIELD 1981-93



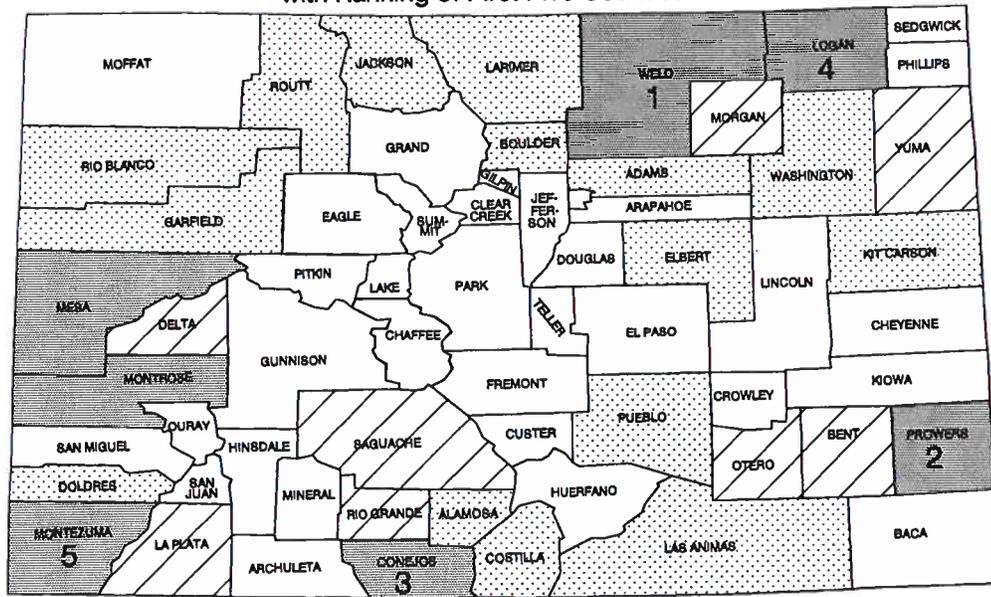
All Hay: Acreage and production by county and district, Colorado, 1992

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	17,700	1.65	29,500	900	1.55	1,400	18,600	1.65	30,900
Clear Creek	200	1.00	200	...	...	...	200	1.00	200
Eagle	14,000	1.60	22,700	2,900	1.55	4,300	16,800	1.60	27,000
Gilpin	...	...	...	...	...	...	...	...	...
Grand	40,000	1.30	52,100	1,800	1.00	1,800	41,800	1.30	53,900
Gunnison	36,100	1.50	54,800	...	...	...	36,100	1.50	54,800
Jackson	69,500	1.35	95,500	2,000	1.00	2,000	71,500	1.35	97,500
Lake	1,100	1.20	1,300	...	...	...	1,100	1.20	1,300
Moffat	16,200	2.15	34,600	11,500	1.15	13,400	27,700	1.75	48,000
Park	7,800	1.90	14,800	1,000	1.70	1,700	8,800	1.90	16,500
Pitkin	7,200	1.95	14,100	...	...	...	7,200	1.95	14,100
Rio Blanco	22,400	2.40	53,600	2,600	1.25	3,200	25,000	2.25	56,800
Routt	29,500	2.00	59,700	9,500	1.70	16,300	39,000	1.95	76,000
Summit	4,100	1.45	6,000	...	...	...	4,100	1.45	6,000
Teller	1,200	1.75	2,100	900	1.00	900	2,100	1.45	3,000
NW & MOUNTAIN	287,000	1.65	441,000	33,000	1.35	45,000	300,000	1.60	486,000
Boulder	15,800	3.85	60,500	1,800	1.65	3,000	17,600	3.60	63,500
Jefferson	3,100	2.75	8,600	2,200	1.10	2,400	5,300	2.10	11,000
Larimer	21,500	3.70	79,100	3,300	1.50	4,900	24,800	3.40	84,000
Logan	32,000	4.80	153,400	15,500	1.65	25,600	47,500	3.75	179,000
Morgan	21,100	5.25	111,100	5,500	1.70	9,400	26,600	4.55	120,500
Sedgwick	6,400	4.25	27,300	1,100	2.00	2,200	7,500	3.95	29,500
Weld	91,100	4.90	447,000	14,600	1.60	23,500	105,700	4.45	470,500
NORTHEAST	191,000	4.65	887,000	44,000	1.60	71,000	235,000	4.10	958,000

All Hay: Acreage and production by county and district, Colorado, 1992, continued

County and District	Irrigated			Non-irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	8,100	4.55	36,700	8,900	1.80	15,800	17,000	3.10	52,500
Arapahoe	2,800	3.75	10,500	5,300	1.30	7,000	8,100	2.15	17,500
Cheyenne	2,700	4.30	11,600	7,200	1.80	12,900	9,900	2.45	24,500
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	6,100	3.05	18,600	11,100	1.35	14,900	17,200	1.95	33,500
Elbert	11,200	3.60	40,200	29,400	1.45	43,300	40,600	2.05	83,500
El Paso	7,600	3.30	24,900	12,900	1.05	13,600	20,500	1.90	38,500
Kiowa	800	4.15	3,300	7,000	1.60	11,200	7,800	1.85	14,500
Kit Carson	8,300	4.85	40,400	8,400	2.10	17,600	16,700	3.45	58,000
Lincoln	3,700	3.95	14,600	20,800	1.60	32,900	24,500	1.95	47,500
Phillips	3,400	5.50	18,700	3,200	1.65	5,300	6,600	3.65	24,000
Washington	6,900	4.05	27,900	18,600	1.65	30,600	25,500	2.30	58,500
Yuma	16,400	5.40	88,600	9,200	1.85	16,900	25,600	4.10	105,500
EAST CENTRAL ..	78,000	4.30	336,000	142,000	1.55	222,000	220,000	2.55	558,000
Archuleta	5,800	2.65	15,500	2,200	1.60	3,500	8,000	2.40	19,000
Delta	28,300	3.10	87,100	1,200	1.60	1,900	29,500	3.00	89,000
Dolores	5,600	4.50	25,100	6,400	1.50	9,600	12,000	2.90	34,700
Garfield	29,900	2.40	71,100	1,100	1.25	1,400	31,000	2.35	72,500
Hinsdale	1,500	1.55	2,300	...	...	...	1,500	1.55	2,300
La Plata	31,700	3.00	95,000	2,800	1.80	5,000	34,500	2.90	100,000
Mesa	42,100	3.65	154,100	700	2.00	1,400	42,800	3.65	155,500
Montezuma	29,100	3.70	107,800	18,900	1.70	31,700	48,000	2.90	139,500
Montrose	42,600	3.30	140,000	900	1.10	1,000	43,500	3.25	141,000
Ouray	11,600	2.25	26,000	1,400	1.45	2,000	13,000	2.15	28,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel	5,800	2.60	15,000	400	1.25	500	6,200	2.50	15,500
SOUTHWEST	234,000	3.15	739,000	36,000	1.60	58,000	270,000	2.95	797,000
Alamosa	31,000	2.75	84,700	500	1.60	800	31,500	2.70	85,500
Conejos	63,700	2.40	152,300	4,300	1.90	8,200	68,000	2.35	160,500
Costilla	14,500	3.25	47,000	300	1.65	500	14,800	3.20	47,500
Mineral	700	1.45	1,000	...	...	...	700	1.45	1,000
Rio Grande	30,700	3.10	94,800	800	1.50	1,200	31,500	3.05	96,000
Saguache	47,400	2.30	109,200	1,100	1.20	1,300	48,500	2.30	110,500
SAN LUIS VALLEY	188,000	2.60	489,000	7,000	1.70	12,000	195,000	2.55	501,000
Baca	2,800	3.40	9,500	8,900	1.55	14,000	11,700	2.00	23,500
Bent	29,800	3.90	116,400	700	1.30	900	30,500	3.85	117,300
Crowley	7,700	3.90	29,900	2,900	1.85	5,300	10,600	3.30	35,200
Custer	18,200	1.90	34,800	600	2.00	1,200	18,800	1.90	36,000
Fremont	8,300	2.20	18,400	500	2.20	1,100	8,800	2.20	19,500
Huerfano	11,100	2.25	24,800	1,900	1.15	2,200	13,000	2.10	27,000
Las Animas	14,200	2.90	41,500	3,200	1.25	4,000	17,400	2.60	45,500
Otero	21,500	4.10	88,100	700	2.00	1,400	22,200	4.05	89,500
Prowers	50,900	4.25	216,200	2,100	1.55	3,300	53,000	4.15	219,500
Pueblo	12,500	3.65	45,400	1,500	1.75	2,600	14,000	3.45	48,000
SOUTHEAST	177,000	3.55	625,000	23,000	1.55	36,000	200,000	3.30	661,000
STATE TOTAL ...	1,135,000	3.10	3,517,000	285,000	1.55	444,000	1,420,000	2.79	3,961,000

All Hay: Production by County, Colorado 1993 with Ranking of First Five Counties



TONS



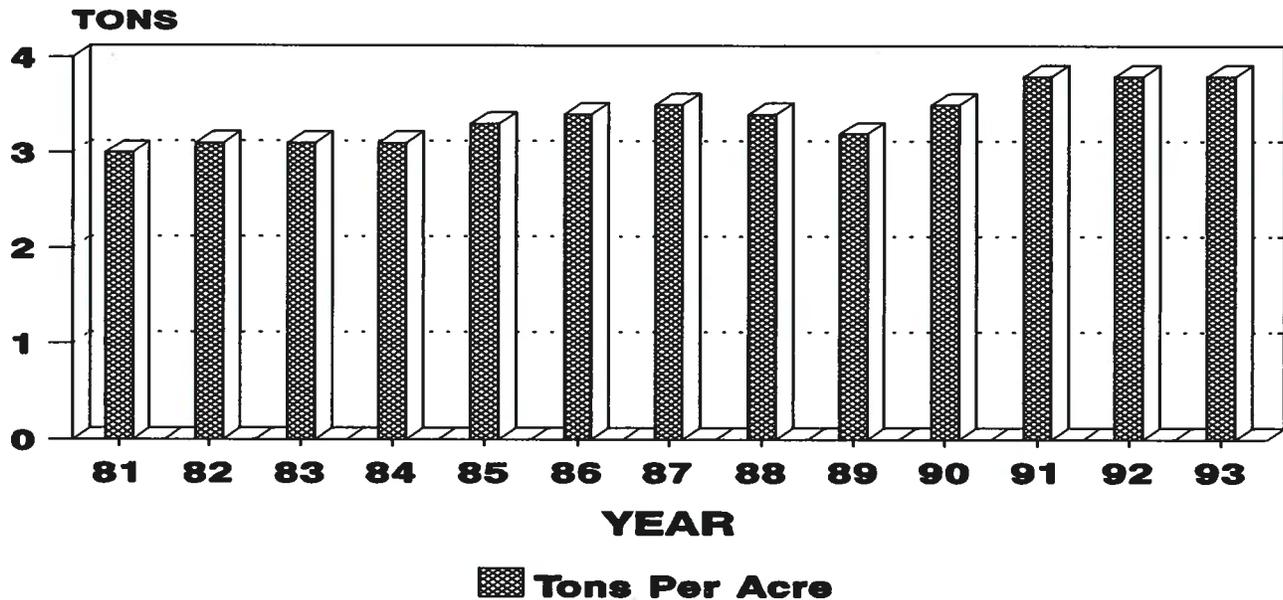
All Hay: Acreage and production by county and district, Colorado, 1993

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	15,900	2.05	32,500	600	1.65	1,000	16,500	2.05	33,500
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Eagle	11,500	2.20	25,100	1,000	1.70	1,700	12,500	2.15	26,800
Gilpin	...	...	...	...	...	...	...	...	...
Grand	34,800	1.35	46,500	700	1.15	800	35,500	1.35	47,300
Gunnison	25,900	1.45	37,000	...	...	...	25,900	1.45	37,000
Jackson	56,000	1.40	77,600	800	1.15	900	56,800	1.40	78,500
Lake	600	1.65	1,000	100	1.00	100	700	1.55	1,100
Moffat	12,700	2.30	29,500	9,300	1.40	13,000	22,000	1.95	42,500
Park	6,800	1.90	13,000	1,000	1.80	1,800	7,800	1.90	14,800
Pitkin	6,500	2.10	13,500	...	...	...	6,500	2.10	13,500
Rio Blanco	19,700	2.55	50,500	1,800	1.40	2,500	21,500	2.45	53,000
Routt	27,200	1.95	52,500	7,300	1.60	11,700	34,500	1.85	64,200
Summit	3,500	1.45	5,000	...	...	...	3,500	1.45	5,000
Teller	700	1.45	1,000	400	1.25	500	1,100	1.35	1,500
NW & MOUNTAIN	222,000	1.75	385,000	23,000	1.50	34,000	245,000	1.70	419,000
Boulder	16,500	3.60	59,200	2,000	2.00	4,000	18,500	3.40	63,200
Jefferson	2,400	3.25	7,800	2,100	1.20	2,500	4,500	2.30	10,300
Larimer	21,400	4.15	88,700	3,700	1.25	4,600	25,100	3.70	93,300
Logan	34,000	4.85	165,600	10,500	1.70	17,800	44,500	4.10	183,400
Morgan	20,800	5.45	113,200	4,700	1.55	7,200	25,500	4.70	120,400
Sedgwick	6,200	4.75	29,500	600	2.00	1,200	6,800	4.50	30,700
Weld	90,700	4.90	443,000	14,400	1.65	23,700	105,100	4.45	466,700
NORTHEAST	192,000	4.70	907,000	38,000	1.60	61,000	230,000	4.20	968,000

All Hay: Acreage and production by county and district, Colorado, 1993, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	9,000	4.70	42,400	6,200	1.90	11,900	15,200	3.55	54,300
Arapahoe	2,600	4.10	10,700	4,000	1.45	5,800	6,600	2.50	16,500
Cheyenne	2,300	4.55	10,500	6,200	1.70	10,500	8,500	2.45	21,000
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	5,400	3.00	16,200	8,100	1.40	11,200	13,500	2.05	27,400
Elbert	12,500	4.30	53,800	25,400	1.35	34,500	37,900	2.35	88,300
El Paso	7,000	3.55	24,900	10,000	1.00	10,000	17,000	2.05	34,900
Kiowa	700	4.00	2,800	7,100	1.65	11,700	7,800	1.85	14,500
Kit Carson	10,000	5.25	52,500	8,500	2.00	16,900	18,500	3.75	69,400
Lincoln	3,500	4.30	15,000	14,500	1.40	20,500	18,000	1.95	35,500
Phillips	4,100	4.55	18,600	2,400	1.55	3,700	6,500	3.45	22,300
Washington	8,000	4.15	33,200	19,500	1.65	32,100	27,500	2.35	65,300
Yuma	16,900	5.60	94,400	6,100	1.85	11,200	23,000	4.60	105,600
EAST CENTRAL ..	82,000	4.55	375,000	118,000	1.55	180,000	200,000	2.80	555,000
Archuleta	4,400	2.60	11,500	3,100	1.60	5,000	7,500	2.20	16,500
Delta	33,000	3.15	104,500	1,500	1.55	2,300	34,500	3.10	106,800
Dolores	8,600	4.80	41,200	10,200	1.40	14,300	18,800	2.95	55,500
Garfield	35,500	2.60	92,500	1,100	1.25	1,400	36,600	2.55	93,900
Hinsdale	1,300	1.60	2,100	...	...	...	1,300	1.60	2,100
La Plata	33,600	2.90	97,100	2,900	1.45	4,200	36,500	2.80	101,300
Mesa	45,800	3.65	168,000	1,000	1.70	1,700	46,800	3.65	169,700
Montezuma	36,000	3.95	141,500	20,500	1.50	30,800	56,500	3.05	172,300
Montrose	47,500	3.55	168,000	1,000	1.10	1,100	48,500	3.50	169,100
Ouray	9,600	2.35	22,500	1,300	1.30	1,700	10,900	2.20	24,200
San Juan .....	...	...	...	100	1.00	100	100	1.00	100
San Miguel	6,700	2.85	19,100	300	1.35	400	7,000	2.80	19,500
SOUTHWEST	262,000	3.30	868,000	43,000	1.45	63,000	305,000	3.05	931,000
Alamosa	32,500	3.05	99,000	500	1.60	800	33,000	3.00	99,800
Conejos	66,000	3.10	203,000	2,500	1.80	4,500	68,500	3.05	207,500
Costilla	15,500	3.30	51,300	500	1.60	800	16,000	3.25	52,100
Mineral	500	1.40	700	...	...	...	500	1.40	700
Rio Grande	33,400	3.25	109,000	600	1.35	800	34,000	3.25	109,800
Saguache	47,100	2.90	137,000	900	1.20	1,100	48,000	2.90	138,100
SAN LUIS VALLEY	195,000	3.10	600,000	5,000	1.60	8,000	200,000	3.05	608,000
Baca	2,700	3.75	10,100	6,300	1.75	11,000	9,000	2.35	21,100
Bent	34,200	3.90	134,000	300	1.35	400	34,500	3.90	134,400
Crowley	10,500	3.55	37,500	2,500	1.85	4,600	13,000	3.25	42,100
Custer	15,000	2.25	33,500	200	2.00	400	15,200	2.25	33,900
Fremont	7,800	2.85	22,200	200	2.00	400	8,000	2.85	22,600
Huerfano	11,700	2.15	25,000	2,600	1.10	2,900	14,300	1.95	27,900
Las Animas	18,500	3.10	57,700	2,800	1.45	4,100	21,300	2.90	61,800
Otero	25,500	4.35	111,000	300	1.65	500	25,800	4.30	111,500
Prowers	62,000	4.55	282,500	1,500	1.60	2,400	63,500	4.50	284,900
Pueblo	14,100	3.65	51,500	1,300	1.75	2,300	15,400	3.50	53,800
SOUTHEAST	202,000	3.80	765,000	18,000	1.60	29,000	220,000	3.60	794,000
STATE TOTAL ...	1,155,000	3.40	3,900,000	245,000	1.55	375,000	1,400,000	3.05	4,275,000

ALFALFA HAY AVERAGE YIELD 1981-93



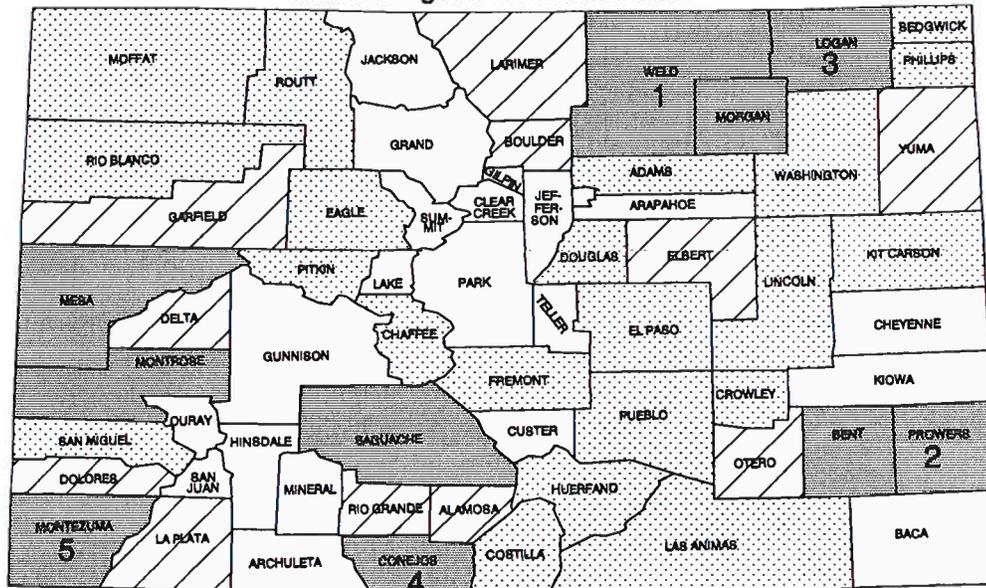
Alfalfa Hay: Acreage and production by county and district, Colorado, 1992

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	6,000	1.90	11,400	...	...	...	6,000	1.90	11,400
Clear Creek	...	...	...	...	...	...	...	...	...
Eagle	5,000	2.00	10,000	...	...	...	5,000	2.00	10,000
Gilpin	...	...	...	...	...	...	...	...	...
Grand	1,000	1.40	1,400	...	...	...	1,000	1.40	1,400
Gunnison	500	2.60	1,300	...	...	...	500	2.60	1,300
Jackson	1,000	3.00	3,000	...	...	...	1,000	3.00	3,000
Lake	...	...	...	...	...	...	...	...	...
Moffat	6,000	2.40	14,400	6,000	1.20	7,100	12,000	1.80	21,500
Park	500	3.00	1,500	...	...	...	500	3.00	1,500
Pitkin	4,000	2.40	9,600	...	...	...	4,000	2.40	9,600
Rio Blanco	5,000	2.70	13,400	1,000	1.40	1,400	6,000	2.45	14,800
Routt	3,000	2.65	8,000	6,000	1.75	10,500	9,000	2.05	18,500
Summit	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	32,000	2.30	74,000	13,000	1.45	19,000	45,000	2.05	93,000
Boulder	10,300	4.50	46,100	700	2.70	1,900	11,000	4.35	48,000
Jefferson	1,100	4.75	5,200	400	2.00	800	1,500	4.00	6,000
Larimer	14,000	4.70	65,700	2,000	1.65	3,300	16,000	4.30	69,000
Logan	28,500	5.10	145,300	1,500	1.80	2,700	30,000	4.95	148,000
Morgan	19,800	5.40	106,700	2,200	1.50	3,300	22,000	5.00	110,000
Sedgwick	5,000	4.80	24,000	...	...	...	5,000	4.80	24,000
Weld	80,300	5.20	417,000	4,200	2.60	11,000	84,500	5.05	428,000
NORTHEAST	159,000	5.10	810,000	11,000	2.10	23,000	170,000	4.90	833,000

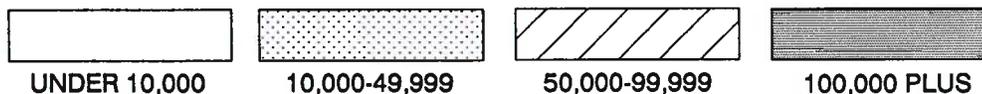
Alfalfa Hay: Acreage and production by county and district, Colorado, 1992, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acres	Yield per acre	Production	Acres	Yield per acre	Production	Acres	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	6,100	4.85	29,700	1,900	2.00	3,800	8,000	4.20	33,500
Arapahoe	1,800	4.45	8,000	600	1.65	1,000	2,400	3.75	9,000
Cheyenne	1,800	5.20	9,400	400	1.50	600	2,200	4.55	10,000
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	4,400	3.55	15,600	2,300	1.50	3,400	6,700	2.85	19,000
Elbert	9,100	4.00	36,400	13,500	1.50	20,100	22,600	2.50	56,500
El Paso	5,100	3.80	19,500	2,900	1.20	3,500	8,000	2.90	23,000
Kiowa	600	4.50	2,700	200	1.50	300	800	3.75	3,000
Kit Carson	4,800	5.95	28,600	200	2.00	400	5,000	5.80	29,000
Lincoln	2,700	4.60	12,400	800	2.00	1,600	3,500	4.00	14,000
Phillips	2,800	5.95	16,700	200	1.50	300	3,000	5.65	17,000
Washington	4,600	5.10	23,500	3,400	2.50	8,500	8,000	4.00	32,000
Yuma	14,200	5.90	83,500	600	2.50	1,500	14,800	5.75	85,000
EAST CENTRAL ..	58,000	4.95	286,000	27,000	1.65	45,000	85,000	3.90	331,000
Archuleta	1,300	3.55	4,600	1,200	2.00	2,400	2,500	2.80	7,000
Delta	17,800	3.70	65,700	200	1.50	300	18,000	3.65	66,000
Dolores	4,800	4.75	22,700	6,200	1.50	9,300	11,000	2.90	32,000
Garfield	21,700	2.60	56,600	300	1.35	400	22,000	2.60	57,000
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	14,200	3.50	49,700	1,800	2.10	3,800	16,000	3.35	53,500
Mesa	32,300	4.00	129,600	700	2.00	1,400	33,000	3.95	131,000
Montezuma	21,000	4.10	86,200	18,000	1.70	30,300	39,000	3.00	116,500
Montrose	28,000	3.80	106,500	...	...	...	28,000	3.80	106,500
Ouray	1,600	3.55	5,700	400	2.00	800	2,000	3.25	6,500
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel	3,300	3.25	10,700	200	1.50	300	3,500	3.15	11,000
SOUTHWEST	146,000	3.70	538,000	29,000	1.70	49,000	175,000	3.35	587,000
Alamosa	20,000	3.30	66,000	...	...	...	20,000	3.30	66,000
Conejos	39,000	2.80	109,000	...	...	...	39,000	2.80	109,000
Costilla	12,000	3.40	41,000	...	...	...	12,000	3.40	41,000
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande	19,000	3.75	71,000	...	...	...	19,000	3.75	71,000
Saguache	20,000	3.40	68,000	...	...	...	20,000	3.40	68,000
SAN LUIS VALLEY	110,000	3.25	355,000	...	...	...	110,000	3.25	355,000
Baca	600	5.85	3,500	600	2.50	1,500	1,200	4.15	5,000
Bent	26,900	4.05	109,200	100	3.00	300	27,000	4.05	109,500
Crowley	7,100	4.00	28,400	1,900	1.90	3,600	9,000	3.55	32,000
Custer	2,200	2.65	5,800	100	2.00	200	2,300	2.60	6,000
Fremont	4,000	2.90	11,500	...	...	...	4,000	2.90	11,500
Huerfano	5,100	2.05	10,400	400	1.50	600	5,500	2.00	11,000
Las Animas	8,500	3.80	32,200	500	1.60	800	9,000	3.65	33,000
Otero	17,700	4.30	76,000	300	1.65	500	18,000	4.25	76,500
Prowers	49,400	4.30	212,000	600	2.50	1,500	50,000	4.25	213,500
Pueblo	8,500	4.45	38,000	500	2.00	1,000	9,000	4.35	39,000
SOUTHEAST	130,000	4.05	527,000	5,000	2.00	10,000	135,000	4.00	537,000
STATE TOTAL ...	635,000	4.10	2,590,000	85,000	1.70	146,000	720,000	3.80	2,736,000

Alfalfa Hay: Production by County, Colorado, 1993 with Ranking of First Five Counties



TONS



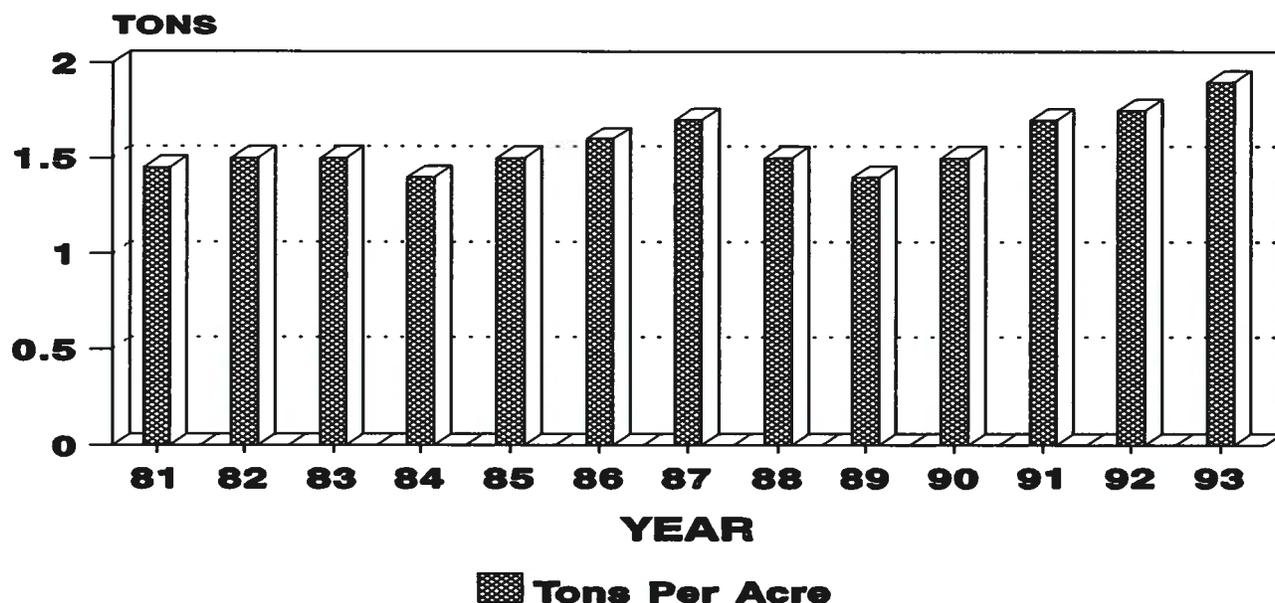
Alfalfa Hay: Acreage and production by county and district, Colorado, 1993

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	5,500	2.45	13,500	...	...	...	5,500	2.45	13,500
Clear Creek	...	...	...	...	...	...	...	...	...
Eagle	5,000	2.60	13,100	...	...	...	5,000	2.60	13,100
Gilpin	...	...	...	...	...	...	...	...	...
Grand	1,000	1.50	1,500	...	...	...	1,000	1.50	1,500
Gunnison	400	2.50	1,000	...	...	...	400	2.50	1,000
Jackson	800	3.25	2,600	...	...	...	800	3.25	2,600
Lake	...	...	...	...	...	...	...	...	...
Moffat	6,000	2.25	13,500	6,500	1.40	9,000	12,500	1.80	22,500
Park	800	2.50	2,000	...	...	...	800	2.50	2,000
Pitkin	4,500	2.35	10,500	...	...	...	4,500	2.35	10,500
Rio Blanco	5,500	3.00	16,500	1,000	1.50	1,500	6,500	2.75	18,000
Routt	2,500	2.30	5,800	5,500	1.55	8,500	8,000	1.80	14,300
Summit	...	...	...	...	...	...	...	...	...
Teller	...	...	...	...	...	...	...	...	...
NW & MOUNTAIN	32,000	2.50	80,000	13,000	1.45	19,000	45,000	2.20	99,000
Boulder	12,000	3.95	47,500	1,000	3.00	3,000	13,000	3.90	50,500
Jefferson	1,000	5.30	5,300	500	2.00	1,000	1,500	4.20	6,300
Larimer	15,500	4.90	76,000	2,500	1.30	3,200	18,000	4.40	79,200
Logan	32,500	4.95	161,500	2,500	1.85	4,600	35,000	4.75	166,100
Morgan	20,000	5.50	110,200	3,000	1.40	4,200	23,000	4.95	114,400
Sedgwick	5,500	5.10	28,000	...	...	...	5,500	5.10	28,000
Weld	83,500	5.05	421,500	5,500	2.35	13,000	89,000	4.90	434,500
NORTHEAST	170,000	5.00	850,000	15,000	1.95	29,000	185,000	4.75	879,000

Alfalfa Hay: Acreage and production by county and district, Colorado, 1993, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	7,500	4.95	37,000	2,200	2.25	4,900	9,700	4.30	41,900
Arapahoe	2,000	4.50	9,000	500	1.60	800	2,500	3.90	9,800
Cheyenne	1,600	5.30	8,500	400	1.25	500	2,000	4.50	9,000
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	4,200	3.35	14,000	2,800	1.35	3,800	7,000	2.55	17,800
Elbert	11,000	4.55	50,000	12,500	1.25	15,500	23,500	2.80	65,500
El Paso	5,500	3.90	21,500	2,500	1.00	2,500	8,000	3.00	24,000
Kiowa	600	4.15	2,500	200	1.50	300	800	3.50	2,800
Kit Carson	7,700	5.70	44,000	300	2.35	700	8,000	5.60	44,700
Lincoln	2,700	4.65	12,500	800	1.90	1,500	3,500	4.00	14,000
Phillips	3,800	4.60	17,500	200	1.50	300	4,000	4.45	17,800
Washington	6,000	4.75	28,500	4,000	2.00	8,000	10,000	3.65	36,500
Yuma	15,400	5.85	90,000	600	2.00	1,200	16,000	5.70	91,200
EAST CENTRAL ..	68,000	4.95	335,000	27,000	1.50	40,000	95,000	3.95	375,000
Archuleta	1,900	3.40	6,500	1,600	2.15	3,400	3,500	2.85	9,900
Delta	22,800	3.40	77,500	200	1.50	300	23,000	3.40	77,800
Dolores	8,000	4.95	39,500	10,000	1.40	14,000	18,000	2.95	53,500
Garfield	27,800	2.75	76,500	200	1.50	300	28,000	2.75	76,800
Hinsdale .....	...	...	...	...	...	...	...	...	...
La Plata	19,800	3.10	61,500	2,200	1.55	3,400	22,000	2.95	64,900
Mesa	36,200	3.85	140,000	800	1.90	1,500	37,000	3.80	141,500
Montezuma	28,000	4.25	118,500	19,500	1.50	29,300	47,500	3.10	147,800
Montrose	33,000	4.00	132,000	...	...	...	33,000	4.00	132,000
Ouray	2,700	3.15	8,500	300	1.65	500	3,000	3.00	9,000
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel	4,800	3.00	14,500	200	1.50	300	5,000	2.95	14,800
SOUTHWEST	185,000	3.65	675,000	35,000	1.50	53,000	220,000	3.30	728,000
Alamosa	23,000	3.50	80,000	...	...	...	23,000	3.50	80,000
Conejos	48,000	3.30	158,500	...	...	...	48,000	3.30	158,500
Costilla	14,000	3.40	47,500	...	...	...	14,000	3.40	47,500
Mineral .....	...	...	...	...	...	...	...	...	...
Rio Grande	23,000	3.65	84,000	...	...	...	23,000	3.65	84,000
Saguache	27,000	3.70	100,000	...	...	...	27,000	3.70	100,000
SAN LUIS VALLEY	135,000	3.50	470,000	...	...	...	135,000	3.50	470,000
Baca	1,200	5.40	6,500	800	2.00	1,600	2,000	4.05	8,100
Bent	32,400	4.00	129,000	100	2.00	200	32,500	4.00	129,200
Crowley	10,000	3.60	36,000	2,000	1.85	3,700	12,000	3.30	39,700
Custer	2,000	2.00	4,000	...	...	...	2,000	2.00	4,000
Fremont	4,500	2.95	13,200	...	...	...	4,500	2.95	13,200
Huerfano	7,500	1.80	13,500	500	1.20	600	8,000	1.75	14,100
Las Animas	13,600	3.35	45,800	400	1.75	700	14,000	3.30	46,500
Otero	21,800	4.50	98,000	200	1.50	300	22,000	4.45	98,300
Prowers	60,500	4.60	278,000	500	2.00	1,000	61,000	4.55	279,000
Pueblo	11,500	4.00	46,000	500	1.80	900	12,000	3.90	46,900
SOUTHEAST	165,000	4.05	670,000	5,000	1.80	9,000	170,000	4.00	679,000
STATE TOTAL ...	755,000	4.10	3,080,000	95,000	1.60	150,000	850,000	3.80	3,230,000

OTHER HAY AVERAGE YIELD 1981-93



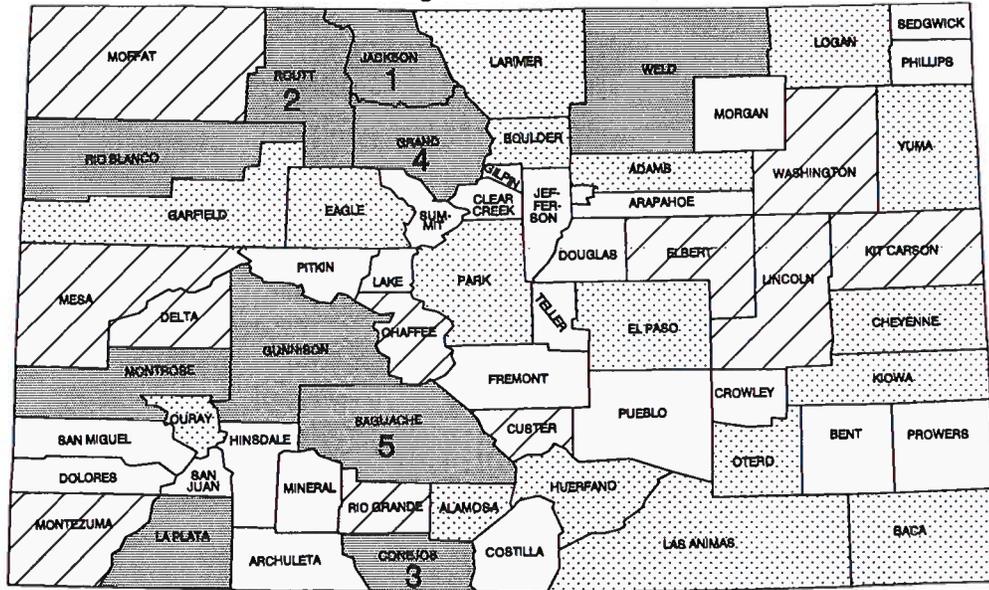
Other Hay: Acreage and production by county and district, Colorado, 1992

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Chaffee	11,700	1.55	18,100	900	1.55	1,400	12,600	1.55	19,500
Clear Creek	200	1.00	200	...	...	...	200	1.00	200
Eagle	9,000	1.40	12,700	2,800	1.55	4,300	11,800	1.45	17,000
Gilpin .....	...	...	...	...	...	...	...	...	...
Grand	39,000	1.30	50,700	1,800	1.00	1,800	40,800	1.30	52,500
Gunnison	35,600	1.50	53,500	...	...	...	35,600	1.50	53,500
Jackson	68,500	1.35	92,500	2,000	1.00	2,000	70,500	1.35	94,500
Lake	1,100	1.20	1,300	...	...	...	1,100	1.20	1,300
Moffat	10,200	2.00	20,200	5,500	1.15	6,300	15,700	1.70	26,500
Park	7,300	1.80	13,300	1,000	1.70	1,700	8,300	1.80	15,000
Pitkin	3,200	1.40	4,500	...	...	...	3,200	1.40	4,500
Rio Blanco	17,400	2.30	40,200	1,600	1.15	1,800	19,000	2.20	42,000
Routt	26,500	1.95	51,700	3,500	1.65	5,800	30,000	1.90	57,500
Summit	4,100	1.45	6,000	...	...	...	4,100	1.45	6,000
Teller	1,200	1.75	2,100	900	1.00	900	2,100	1.45	3,000
NW & MOUNTAIN	235,000	1.55	367,000	20,000	1.30	26,000	255,000	1.55	393,000
Boulder	5,500	2.60	14,400	1,100	1.00	1,100	6,600	2.35	15,500
Jefferson	2,000	1.70	3,400	1,800	0.90	1,600	3,800	1.30	5,000
Larimer	7,500	1.80	13,400	1,300	1.25	1,600	8,800	1.70	15,000
Logan	3,500	2.30	8,100	14,000	1.65	22,900	17,500	1.75	31,000
Morgan	1,300	3.40	4,400	3,300	1.85	6,100	4,600	2.30	10,500
Sedgwick	1,400	2.35	3,300	1,100	2.00	2,200	2,500	2.20	5,500
Weld	10,800	2.80	30,000	10,400	1.20	12,500	21,200	2.00	42,500
NORTHEAST	32,000	2.40	77,000	33,000	1.45	48,000	65,000	1.90	125,000

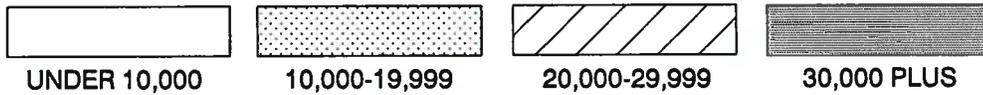
Other Hay: Acreage and production by county and district, Colorado, 1992, continued

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	2,000	3.50	7,000	7,000	1.70	12,000	9,000	2.10	19,000
Arapahoe	1,000	2.50	2,500	4,700	1.30	6,000	5,700	1.50	8,500
Cheyenne	900	2.45	2,200	6,800	1.80	12,300	7,700	1.90	14,500
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	1,700	1.75	3,000	8,800	1.30	11,500	10,500	1.40	14,500
Elbert	2,100	1.80	3,800	15,900	1.45	23,200	18,000	1.50	27,000
El Paso	2,500	2.15	5,400	10,000	1.00	10,100	12,500	1.25	15,500
Kiowa	200	3.00	600	6,800	1.60	10,900	7,000	1.65	11,500
Kit Carson	3,500	3.35	11,800	8,200	2.10	17,200	11,700	2.50	29,000
Lincoln	1,000	2.20	2,200	20,000	1.55	31,300	21,000	1.60	33,500
Phillips	600	3.35	2,000	3,000	1.65	5,000	3,600	1.95	7,000
Washington	2,300	1.90	4,400	15,200	1.45	22,100	17,500	1.50	26,500
Yuma	2,200	2.30	5,100	8,600	1.80	15,400	10,800	1.90	20,500
EAST CENTRAL ..	20,000	2.50	50,000	115,000	1.55	177,000	135,000	1.70	227,000
Archuleta	4,500	2.40	10,900	1,000	1.10	1,100	5,500	2.20	12,000
Delta	10,500	2.05	21,400	1,000	1.60	1,600	11,500	2.00	23,000
Dolores	800	3.00	2,400	200	1.50	300	1,000	2.70	2,700
Garfield	8,200	1.75	14,500	800	1.25	1,000	9,000	1.70	15,500
Hinsdale	1,500	1.55	2,300	...	...	...	1,500	1.55	2,300
La Plata	17,500	2.60	45,300	1,000	1.20	1,200	18,500	2.50	46,500
Mesa	9,800	2.50	24,500	...	...	...	9,800	2.50	24,500
Montezuma	8,100	2.65	21,600	900	1.55	1,400	9,000	2.55	23,000
Montrose	14,600	2.30	33,500	900	1.10	1,000	15,500	2.25	34,500
Ouray	10,000	2.05	20,300	1,000	1.20	1,200	11,000	1.95	21,500
San Juan .....	...	...	...	...	...	...	...	...	...
San Miguel	2,500	1.70	4,300	200	1.00	200	2,700	1.65	4,500
SOUTHWEST	88,000	2.30	201,000	7,000	1.30	9,000	95,000	2.20	210,000
Alamosa	11,000	1.70	18,700	500	1.60	800	11,500	1.70	19,500
Conejos	24,700	1.75	43,300	4,300	1.90	8,200	29,000	1.80	51,500
Costilla	2,500	2.40	6,000	300	1.65	500	2,800	2.30	6,500
Mineral	700	1.45	1,000	...	...	...	700	1.45	1,000
Rio Grande	11,700	2.05	23,800	800	1.50	1,200	12,500	2.00	25,000
Saguache	27,400	1.50	41,200	1,100	1.20	1,300	28,500	1.50	42,500
SAN LUIS VALLEY	78,000	1.70	134,000	7,000	1.70	12,000	85,000	1.70	146,000
Baca	2,200	2.75	6,000	8,300	1.50	12,500	10,500	1.75	18,500
Bent	2,900	2.50	7,200	600	1.00	600	3,500	2.25	7,800
Crowley	600	2.50	1,500	1,000	1.70	1,700	1,600	2.00	3,200
Custer	16,000	1.80	29,000	500	2.00	1,000	16,500	1.80	30,000
Fremont	4,300	1.60	6,900	500	2.20	1,100	4,800	1.65	8,000
Huerfano	6,000	2.40	14,400	1,500	1.05	1,600	7,500	2.15	16,000
Las Animas	5,700	1.65	9,300	2,700	1.20	3,200	8,400	1.50	12,500
Otero	3,800	3.20	12,100	400	2.25	900	4,200	3.10	13,000
Prowers	1,500	2.80	4,200	1,500	1.20	1,800	3,000	2.00	6,000
Pueblo	4,000	1.85	7,400	1,000	1.60	1,600	5,000	1.80	9,000
SOUTHEAST	47,000	2.10	98,000	18,000	1.45	26,000	65,000	1.90	124,000
STATE TOTAL ...	500,000	1.85	927,000	200,000	1.50	298,000	700,000	1.75	1,225,000

**Other Hay: Production by County, Colorado, 1993
with Ranking of First Five Counties**



TONS



Other Hay: Acreage and production by county and district, Colorado, 1993

County and District	Irrigated			Non-Irrigated			Total		
	Acreage harvested Acres	Yield per acre Tons	Production Tons	Acreage harvested Acres	Yield per acre Tons	Production Tons	Acreage harvested Acres	Yield per acre Tons	Production Tons
Chaffee	10,400	1.85	19,000	600	1.65	1,000	11,000	1.80	20,000
Clear Creek	200	1.50	300	...	...	...	200	1.50	300
Eagle	6,500	1.85	12,000	1,000	1.70	1,700	7,500	1.85	13,700
Gilpin	...	...	...	...	...	...	...	...	...
Grand	33,800	1.35	45,000	700	1.15	800	34,500	1.35	45,800
Gunnison	25,500	1.40	36,000	...	...	...	25,500	1.40	36,000
Jackson	55,200	1.35	75,000	800	1.15	900	56,000	1.35	75,900
Lake	600	1.65	1,000	100	1.00	100	700	1.55	1,100
Moffat	6,700	2.40	16,000	2,800	1.45	4,000	9,500	2.10	20,000
Park	6,000	1.85	11,000	1,000	1.80	1,800	7,000	1.85	12,800
Pitkin	2,000	1.50	3,000	...	...	...	2,000	1.50	3,000
Rio Blanco	14,200	2.40	34,000	800	1.25	1,000	15,000	2.35	35,000
Routt	24,700	1.90	46,700	1,800	1.80	3,200	26,500	1.90	49,900
Summit	3,500	1.45	5,000	...	...	...	3,500	1.45	5,000
Teller	700	1.45	1,000	400	1.25	500	1,100	1.35	1,500
NW & MOUNTAIN	190,000	1.60	305,000	10,000	1.50	15,000	200,000	1.60	320,000
Boulder	4,500	2.60	11,700	1,000	1.00	1,000	5,500	2.30	12,700
Jefferson	1,400	1.80	2,500	1,600	0.95	1,500	3,000	1.35	4,000
Larimer	5,900	2.15	12,700	1,200	1.15	1,400	7,100	2.00	14,100
Logan	1,500	2.75	4,100	8,000	1.65	13,200	9,500	1.80	17,300
Morgan	800	3.75	3,000	1,700	1.75	3,000	2,500	2.40	6,000
Sedgwick	700	2.15	1,500	600	2.00	1,200	1,300	2.10	2,700
Weld	7,200	3.00	21,500	8,900	1.20	10,700	16,100	2.00	32,200
NORTHEAST	22,000	2.60	57,000	23,000	1.40	32,000	45,000	2.00	89,000

Other Hay: Acreage and production by county and district, Colorado, 1993, continued

County and District	Irrigated			Non-irrigated			Total		
	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production	Acreage harvested	Yield per acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Adams	1,500	3.60	5,400	4,000	1.75	7,000	5,500	2.25	12,400
Arapahoe	600	2.85	1,700	3,500	1.45	5,000	4,100	1.65	6,700
Cheyenne	700	2.85	2,000	5,800	1.70	10,000	6,500	1.85	12,000
Denver .....	...	...	...	...	...	...	...	...	...
Douglas	1,200	1.85	2,200	5,300	1.40	7,400	6,500	1.50	9,600
Elbert	1,500	2.55	3,800	12,900	1.45	19,000	14,400	1.60	22,800
El Paso	1,500	2.25	3,400	7,500	1.00	7,500	9,000	1.20	10,900
Kiowa	100	3.00	300	6,900	1.65	11,400	7,000	1.65	11,700
Kit Carson	2,300	3.70	8,500	8,200	2.00	16,200	10,500	2.35	24,700
Lincoln	800	3.15	2,500	13,700	1.40	19,000	14,500	1.50	21,500
Phillips	300	3.65	1,100	2,200	1.55	3,400	2,500	1.80	4,500
Washington	2,000	2.35	4,700	15,500	1.55	24,100	17,500	1.65	28,800
Yuma	1,500	2.95	4,400	5,500	1.80	10,000	7,000	2.05	14,400
EAST CENTRAL ..	14,000	2.85	40,000	91,000	1.55	140,000	105,000	1.70	180,000
Archuleta	2,500	2.00	5,000	1,500	1.05	1,600	4,000	1.65	6,600
Delta	10,200	2.65	27,000	1,300	1.55	2,000	11,500	2.50	29,000
Dolores	600	2.85	1,700	200	1.50	300	800	2.50	2,000
Garfield	7,700	2.10	16,000	900	1.20	1,100	8,600	2.00	17,100
Hinsdale	1,300	1.60	2,100	...	...	...	1,300	1.60	2,100
La Plata	13,800	2.60	35,600	700	1.15	800	14,500	2.50	36,400
Mesa	9,600	2.90	28,000	200	1.00	200	9,800	2.90	28,200
Montezuma	8,000	2.90	23,000	1,000	1.50	1,500	9,000	2.70	24,500
Montrose	14,500	2.50	36,000	1,000	1.10	1,100	15,500	2.40	37,100
Ouray	6,900	2.05	14,000	1,000	1.20	1,200	7,900	1.90	15,200
San Juan .....	...	...	...	100	1.00	100	100	1.00	100
San Miguel	1,900	2.40	4,600	100	1.00	100	2,000	2.35	4,700
SOUTHWEST	77,000	2.50	193,000	8,000	1.25	10,000	85,000	2.40	203,000
Alamosa	9,500	2.00	19,000	500	1.60	800	10,000	2.00	19,800
Conejos	18,000	2.45	44,500	2,500	1.80	4,500	20,500	2.40	49,000
Costilla	1,500	2.55	3,800	500	1.60	800	2,000	2.30	4,600
Mineral	500	1.40	700	...	...	...	500	1.40	700
Rio Grande	10,400	2.40	25,000	600	1.35	800	11,000	2.35	25,800
Saguache	20,100	1.85	37,000	900	1.20	1,100	21,000	1.80	38,100
SAN LUIS VALLEY	60,000	2.15	130,000	5,000	1.60	8,000	65,000	2.10	138,000
Baca	1,500	2.40	3,600	5,500	1.70	9,400	7,000	1.85	13,000
Bent	1,800	2.80	5,000	200	1.00	200	2,000	2.60	5,200
Crowley	500	3.00	1,500	500	1.80	900	1,000	2.40	2,400
Custer	13,000	2.25	29,500	200	2.00	400	13,200	2.25	29,900
Fremont	3,300	2.75	9,000	200	2.00	400	3,500	2.70	9,400
Huerfano	4,200	2.75	11,500	2,100	1.10	2,300	6,300	2.20	13,800
Las Animas	4,900	2.45	11,900	2,400	1.40	3,400	7,300	2.10	15,300
Otero	3,700	3.50	13,000	100	2.00	200	3,800	3.45	13,200
Prowers	1,500	3.00	4,500	1,000	1.40	1,400	2,500	2.35	5,900
Pueblo	2,600	2.10	5,500	800	1.75	1,400	3,400	2.05	6,900
SOUTHEAST	37,000	2.55	95,000	13,000	1.55	20,000	50,000	2.30	115,000
STATE TOTAL ...	400,000	2.05	820,000	150,000	1.50	225,000	550,000	1.90	1,045,000

Wheat and Barley: On-farm, off-farm and total stocks, Colorado, 1982-94 ^{1/}

Year/Month	All Wheat			Barley			
	On-farm	Off-farm	Total	On-farm	Off-farm	Total	
1,000 Bushels							
1982	January 1	52,726	35,950	88,676	8,370	6,040	14,410
	April 1	41,302	25,600	66,902	4,185	7,300	11,485
	June 1	31,636	20,500	52,136	2,344	5,360	7,704
	October 1	61,188	46,000	107,188	10,978	5,600	16,578
1983	January 1	56,939	35,500	92,439	8,751	6,880	15,631
	April 1	42,492	25,600	68,092	3,978	5,175	9,153
	June 1	33,144	25,900	59,044	1,909	4,030	5,939
	October 1	97,682	48,850	146,532	10,230	4,550	14,780
1984	January 1	73,262	35,930	109,192	7,425	8,570	15,995
	April 1	48,841	26,070	74,911	4,620	5,510	10,130
	June 1	41,515	21,130	62,645	2,640	4,710	7,350
	October 1	75,913	43,500	119,413	12,896	5,900	18,796
1985	January 1	52,909	33,300	86,209	10,075	6,035	16,110
	April 1	42,557	27,235	69,792	5,239	2,025	7,264
	June 1	31,055	22,570	53,625	2,821	4,520	7,341
	October 1	94,725	47,700	142,425	16,973	6,610	23,583
1986	January 1	57,114	39,000	96,114	8,704	7,550	16,254
	April 1	45,970	36,760	82,730	2/	2/	2/
	June 1	33,432	29,660	63,092	3,046	5,465	8,511
	September 1	83,919	53,640	137,559	2/	2/	2/
	December 1	54,000	48,400	102,400	2/	2/	2/
1987	March 1	38,500	42,100	80,600	2/	2/	2/
	June 1	28,000	35,465	63,465	2,800	4,100	6,900
	September 1	65,000	58,300	123,300	2/	2/	2/
	December 1	52,500	50,100	102,600	2/	2/	2/
1988	March 1	36,000	41,800	77,800	2/	2/	2/
	June 1	22,000	24,500	46,500	2,800	5,200	8,000
	September 1	50,000	47,900	97,900	6,000	6,100	12,100
	December 1	40,000	35,200	75,200	5,500	7,750	13,250
1989	March 1	29,000	24,915	53,915	2,700	6,805	9,505
	June 1	19,000	12,565	31,565	1,200	3,872	5,072
	September 1	40,000	35,275	75,275	6,000	4,280	10,280
	December 1	34,000	25,300	59,300	2,600	6,090	8,690
1990	March 1	17,000	20,275	37,275	1,700	5,690	7,390
	June 1	10,000	10,000	20,000	310	3,615	3,925
	September 1	42,000	38,335	80,335	6,800	2,810	9,610
	December 1	31,500	34,015	65,515	3,400	5,405	8,805
1991	March 1	21,000	26,920	47,920	1,200	5,140	6,340
	June 1	11,000	14,925	25,925	1,000	4,040	5,040
	September 1	39,000	42,230	81,230	6,000	5,470	11,470
	December 1	25,000	26,840	51,840	3,700	7,600	11,300
1992	March 1	10,500	21,380	31,880	1,500	7,875	9,375
	June 1	5,000	11,250	16,250	350	6,535	6,885
	September 1	30,000	41,000	71,000	4,800	6,845	11,645
	December 1	18,500	29,690	48,190	2,000	7,485	9,485
1993	March 1	9,500	21,855	31,355	1,050	6,090	7,140
	June 1	5,500	9,690	15,190	650	5,930	6,580
	September 1	34,000	45,000	79,000	5,000	5,850	10,850
	December 1	30,000	31,500	61,500	2,600	6,255	8,855
1994	March	13,000	23,440	36,440	925	5,060	5,985

^{1/} Change in reference dates beginning September 1986.

^{2/} Quarterly estimates discontinued April 1986; resumed September 1988.

Corn and Sorghum: On-farm, off-farm and total stocks, Colorado, 1982-94 ^{1/}

Year/Month	Corn			Sorghum		
	On-farm	Off-farm	Total	On-farm	Off-farm	Total
1,000 Bushels						
1982 January 1	55,094	19,880	74,974	8,311	3,680	11,991
April 1	33,264	13,000	46,264	3,614	3,750	7,364
June 1	17,672	11,400	29,072	3,132	2,830	5,962
October 1	12,474	7,220	19,694	1,445	1,690	3,135
1983 January 1	59,108	20,170	79,278	6,956	5,945	12,901
April 1	40,764	19,150	59,914	3,069	3,855	6,924
June 1	25,478	18,870	44,348	1,841	4,020	5,861
October 1	17,325	15,400	32,725	1,228	2,370	3,598
1984 January 1	48,373	21,550	69,923	4,872	6,040	10,912
April 1	27,535	13,140	40,675	2,854	4,180	7,034
June 1	12,651	9,340	21,991	1,810	3,320	5,130
October 1	4,465	2,930	7,395	974	2,510	3,484
1985 January 1	48,294	16,570	64,864	7,160	6,030	13,190
April 1	30,981	10,540	41,521	3,182	4,135	7,317
June 1	14,579	6,590	21,169	1,750	2,490	4,240
October 1	3,645	3,940	7,585	796	2,745	3,541
1986 January 1	56,955	19,960	76,915	5,152	3,965	9,117
April 1	39,351	14,105	53,456	2/	2/	2/
June 1	25,889	11,420	37,309	2,240	2,315	4,555
September 1	18,640	10,625	29,265	1,568	3,460	5,028
December 1	80,000	28,200	108,200	2/	2/	2/
1987 March 1	58,000	23,240	81,240	2/	2/	2/
June 1	32,000	17,685	49,685	1,600	3,360	4,960
September 1	25,000	20,500	45,500	1,500	2,725	4,225
December 1	87,000	42,100	129,100	2/	2/	2/
1988 March 1	60,000	28,700	88,700	2/	2/	2/
June 1	23,000	22,560	45,560	1,000	4,400	5,400
September 1	12,000	16,650	28,650	850	4,150	5,000
December 1	70,000	37,175	107,175	2/	2/	2/
1989 March 1	45,000	25,365	70,365	2/	2/	2/
June 1	21,000	15,135	36,135	1,800	2,376	4,176
September 1	11,000	8,760	19,760	1,000	2,110	3,110
December 1	60,000	26,355	86,355	2/	2/	2/
1990 March 1	35,000	15,240	50,240	1,300	2,690	3,990
June 1	16,000	6,875	22,875	900	1,805	2,705
September 1	10,000	2,450	12,450	500	1,480	1,980
December 1	45,000	22,755	67,755	2,000	3,240	5,240
1991 March 1	30,000	13,060	43,060	1,200	1,960	3,160
June 1	18,000	8,800	26,800	400	995	1,395
September 1	8,500	3,325	11,825	150	540	690
December 1	64,000	28,140	92,140	2,800	3,830	6,630
1992 March 1	38,000	18,670	56,670	1,100	1,028	2,128
June 1	15,000	11,575	26,575	500	993	1,493
September 1	6,500	2,835	9,335	150	260	410
December 1	54,000	24,685	78,685	1,400	1,840	3,240
1993 March 1	40,000	18,970	58,970	900	1,260	2,160
June 1	20,000	12,375	32,375	550	757	1,307
September 1	9,000	4,670	13,670	300	735	1,035
December 1	40,000	18,640	58,640	1,600	2,450	4,050
1994 March 1	32,000	14,500	46,500	1,400	2,150	3,550

^{1/} Change in reference dates beginning September 1986.

^{2/} Quarterly estimates discontinued April 1986; resumed March 1990.

Oats: On-farm, off-farm and total stocks,
Colorado, 1985-94 1/

Year/Month	On farm	Off farm	Total
	1,000 Bushels		
1985 January 1	1,678	205	1,883
April 1	1,100	220	1,320
June 1	688	160	848
October 1	2,041	260	2,301
1986 January 1	1,807	205	2,012
June 1	*	160	*
1987 June 1	*	89	*
1988 June 1	*	**	*
1989 June 1	*	288	*
1990 March 1	*	195	*
June 1	*	155	*
September 1	*	455	*
December 1	*	160	*
1991 March 1	*	155	*
June 1	*	120	*
September 1	*	182	*
December 1	*	220	*
1992 March 1	*	169	*
June 1	*	124	*
September 1	*	210	*
December 1	*	235	*
1993 March 1	*	167	*
June 1	*	155	*
September 1	*	185	*
December 1	*	136	*
1994 March 1	*	133	*

1/ Quarterly estimates discontinued April 1986; resumed March 1990.

* Minor states not published separately for on-farm stocks beginning June 1986.

** Not published to avoid disclosure of individual operations.

All Hay: Production and stocks on farms,
Colorado, 1968-93

Year	Production	January 1 1/ 2/		May 1 1/	
		Stocks	% of Prod.	Stocks	% of Prod.
	1,000 Tons	1,000 Tons	Percent	1,000 Tons	Percent
1968	2,885	2,135	74	462	16
1969	3,171	2,251	71	571	18
1970	3,115	2,336	75	623	20
1971	2,995	2,186	73	449	15
1972	2,984	1,880	63	388	13
1973	3,278	2,098	64	492	15
1974	2,886	1,892	66	373	13
1975	2,972	1,843	62	476	16
1976	3,126	1,907	61	531	17
1977	2,890	1,850	64	578	20
1978	3,228	2,034	63	484	15
1979	3,574	2,359	66	715	20
1980	3,276	2,129	65	590	18
1981	3,105	2,018	65	652	21
1982	3,176	2,001	63	508	16
1983	3,357	2,048	61	436	13
1984	3,311	1,953	59	563	17
1985	3,644	2,186	60	765	21
1986	3,642	2,659	73	728	20
1987	4,044	3,033	75	809	20
1988	3,957	2,374	60	435	11
1989	3,450	1,898	55	587	17
1990	3,805	2,207	58	457	12
1991	4,062	2,437	60	528	13
1992	3,961	2,575	65	396	10
1993	4,275	2,480	58	300	7

1/ Following year of production.

2/ Data as of December 1 beginning 1986.

On-farm and off-farm storage capacity, Colorado and United States, 1980-93

Year	Colorado			United States		
	On-farm storage capacity	Off-farm storage		On-farm storage capacity	Off-farm storage	
		Number of facilities	Capacity		Number of facilities	Capacity
		Mil. Bu.	Number		1,000 Bu.	Mil. Bu.	Number	1,000 Bu.
January 1, 1980	...	202	95,050	...	15,178	7,090,480
1981	...	212	97,580	...	14,944	7,173,080
1982	...	198	105,700	...	14,691	7,269,308
1983	...	205	107,700	...	14,706	7,900,030
1984	...	211	113,400	...	14,195	8,109,090
1985	...	203	111,350	...	13,921	8,113,670
1986	...	204	114,430	...	14,063	8,287,140
December 1, 1986	...	204	130,850	...	14,046	9,123,280
1987	240	220	142,860	13,640	13,889	9,610,590
1988	230	217	145,220	13,300	13,802	9,606,050
1989	220	174	132,390	12,800	13,517	9,384,430
1990	210	167	131,030	12,400	13,214	9,089,300
1991	220	165	114,930	12,170	12,825	8,911,220
1992	190	159	115,370	12,090	12,428	8,664,970
1993	190	161	115,650	11,625	11,818	8,491,460

Barley: Acreage planted by variety, by district, Colorado, 1992-93

Variety	Northwest		Northeast		East Central		Southwest		San Luis Valley		Southeast		State	
	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres	% of Total	Acres
1992														
Moravian III *	.0	0	46.8	14,500	.0	0	.0	0	47.5	39,000	.0	0	41.1	53,500
Morex *	.0	0	11.6	3,600	6.7	400	.0	0	14.9	12,200	30.0	1,500	13.6	17,700
Busch Varieties *	.0	0	9.0	2,800	3.3	200	.0	0	13.4	11,000	.0	0	10.8	14,000
Triumph *	.0	0	.7	200	.0	0	8.6	300	13.3	10,900	.0	0	8.8	11,400
Otis	20.0	500	19.0	5,900	28.3	1,700	2.8	100	.0	0	.0	0	6.3	8,200
Step toe	80.0	2,000	1.3	400	8.3	500	45.7	1,600	.0	0	4.0	200	3.6	4,700
Schuyler	.0	0	2.9	900	36.7	2,200	22.9	800	.0	0	.0	0	3.0	3,900
Will	.0	0	.0	0	6.7	400	.0	0	.0	0	60.0	3,000	2.6	3,400
Columbia	.0	0	.0	0	.0	0	.0	0	2.3	1,900	.0	0	1.5	1,900
Klages *	.0	0	.7	200	.0	0	2.9	100	2.0	1,600	.0	0	1.5	1,900
Other malting 1/	.0	0	1.6	500	.0	0	.0	0	1.0	800	.0	0	1.0	1,300
Others 1/	.0	0	6.4	2,000	10.0	600	17.1	600	5.6	4,600	6.0	300	6.2	8,100
All Barley	100.0	2,500	100.0	31,000	100.0	6,000	100.0	3,500	100.0	82,000	100.0	5,000	100.0	130,000
1993														
Moravian III *	.0	0	61.9	13,000	.0	0	.0	0	54.6	36,000	.0	0	49.0	49,000
Triumph *	.0	0	.9	200	.0	0	.0	0	22.0	14,500	.0	0	14.7	14,700
Morex *	.0	0	2.9	600	7.5	300	.0	0	7.6	5,000	.0	0	5.9	5,900
Step toe	88.0	2,200	8.6	1,800	5.0	200	60.0	1,500	.0	0	5.0	200	5.9	5,900
Schuyler	.0	0	3.3	700	42.5	1,700	24.0	600	.0	0	50.0	2,000	5.0	5,000
Otis	12.0	300	10.0	2,100	37.5	1,500	4.0	100	.0	0	.0	0	4.0	4,000
Klages *	.0	0	.0	0	.0	0	.0	0	3.0	2,000	.0	0	2.0	2,000
Columbia	.0	0	.0	0	.0	0	.0	0	2.6	1,700	.0	0	1.7	1,700
Will	.0	0	.5	100	.0	0	.0	0	.0	0	40.0	1,600	1.7	1,700
Westbred	.0	0	.0	0	.0	0	.0	0	2.1	1,400	.0	0	1.4	1,400
Other malting 1/	.0	0	3.3	700	.0	0	.0	0	3.9	2,600	.0	0	3.3	3,300
Others 1/	.0	0	8.6	1,800	7.5	300	12.0	300	4.2	2,800	5.0	200	5.4	5,400
All Barley	100.0	2,500	100.0	21,000	100.0	4,000	100.0	2,500	100.0	66,000	100.0	4,000	100.0	100,000

* Indicates malting varieties.
1/ Includes unknown varieties.

Winter Wheat: Percent of acres planted by variety, Colorado, 1987-94 1/

Variety	1987 Crop	1988 Crop	1989 Crop	1990 Crop	1991 Crop	1992 Crop	1993 Crop	1994 Crop
	Percent							
Tam 107	2.9	8.3	22.0	37.9	49.3	49.7	51.5	60.7
Lamar	...	...	...	.3	2.6	5.7	7.2	5.5
Scout 2/	9.4	9.3	6.9	9.2	6.2	5.7	6.0	4.3
Baca	13.2	5.6	7.9	7.6	8.0	7.9	4.8	3.9
Hawk	21.0	21.4	17.8	10.4	6.9	4.8	3.9	2.3
Tam 200	...	...	...	...	2.8	2.7	2.8	2.3
Yuma	...	...	...	...	...	...	.8	2.1
Vona	13.7	15.0	9.1	6.2	2.6	2.2	2.5	1.7
Tomahawk	...	...	...	...	...	...	...	1.5
Buckskin	...	...	...	...	...	...	...	1.4
Arapahoe	...	...	...	...	...	...	.8	1.3
Sandy	13.1	8.0	6.3	4.6	2.4	3.1	1.5	1.2
Thunderbird	...	.5	1.8	2.3	1.1	2.4	2.2	1.1
Weston	...	...	...	...	...	...	...	1.1
Newton	4.1	4.6	3.3	2.0	1.3	1.7	1.1	.9
Jeff	1.4	2.1	2.4	1.2	2.0	1.1	.9	.6
Other 3/	21.2	25.2	22.5	18.3	14.8	13.0	14.0	8.1

1/ Dots indicate either none or minor amount reported.

2/ Includes Scout 66.

3/ Includes unknown, minor, and older varieties that have become less popular such as Larned, Eagle, Abilene, and Tam 108.

Winter Wheat: Percent planted by variety, by district and selected counties, Colorado, 1994 crop 1/

Northwest and Southwest Districts, Colorado, 1994 Crop

District and County	Blizzard	Fairview	Jeff	Manning	Weston	Windridge	Other	Total
	Percent							
Northwest 1994	2.4	...	9.4	...	59.3	9.9	19.0	100.0
Moffat	...	...	7.5	...	68.8	7.4	16.3	100.0
Rio Blanco	...	...	8.2	...	31.4	...	60.4	100.0
Routt	11.0	...	15.4	...	43.9	23.0	6.7	100.0
Southwest 1994	...	36.4	24.3	24.9	...	...	14.4	100.0
Dolores	...	50.0	29.8	20.2	...	...	...	100.0
La Plata	...	...	6.9	71.5	...	...	21.6	100.0
Montezuma	...	53.5	7.5	39.0	...	...	...	100.0

Northeast District, Colorado, 1994 Crop

District and County	Baca	Buckskin	Hawk	Lamar	Scout	Tam 107	Other	Total
	Percent							
Northeast 1994	6.9	6.0	3.4	6.7	5.8	52.0	19.2	100.0
Boulder	.3	...	12.8	...	...	71.1	15.8	100.0
Larimer	...	7.6	6.3	...	1.1	74.7	10.3	100.0
Logan	1.9	...	5.0	9.6	7.0	49.8	26.7	100.0
Morgan	4.8	...	4.0	6.2	.9	69.3	14.8	100.0
Sedgwick	...	...	...	3.5	3.2	52.3	41.0	100.0
Weld	14.4	14.3	1.9	7.0	8.2	44.3	9.9	100.0

East Central District, Colorado, 1994 Crop

District and County	Baca	Hawk	Lamar	Scout	Tam 107	Yuma	Other	Total
	Percent							
East Central 1994	1.6	2.5	4.8	3.5	67.8	2.7	17.1	100.0
Adams	...	8.9	5.9	1.7	76.2	1.8	5.5	100.0
Arapahoe	7.3	8.2	8.3	2.3	70.5	1.3	2.1	100.0
Cheyenne	5.3	.7	10.8	2.2	61.0	.7	19.3	100.0
Douglas	...	4.3	12.8	3.2	56.0	...	23.7	100.0
Elbert	3.8	1.0	11.7	4.0	67.5	.5	11.5	100.0
El Paso	2.3	...	27.8	4.3	25.0	...	40.6	100.0
Kiowa	5.6	...	6.9	9.2	72.0	2.2	4.1	100.0
Kit Carson	.7	1.2	2.2	2.8	69.5	2.8	20.8	100.0
Lincoln	1.4	2.7	.4	2.0	73.6	2.7	17.2	100.0
Phillips	...	.8	4.4	6.0	69.1	.9	18.8	100.0
Washington	.3	3.5	4.4	1.8	67.0	3.4	19.6	100.0
Yuma	...	1.7	2.6	4.1	57.9	6.5	27.2	100.0

Southeast District, Colorado, 1994 Crop

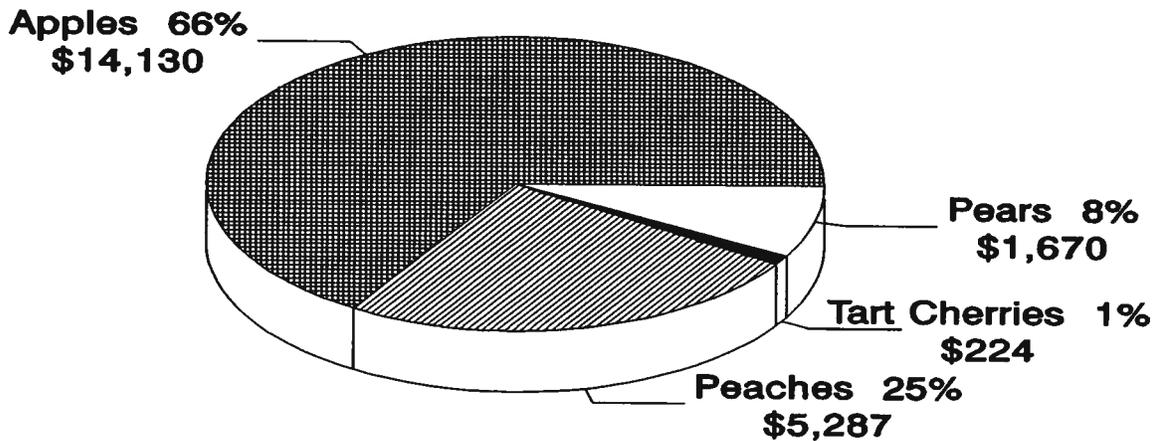
District and County	Baca	Lamar	Sandy	Scout	Tam 107	Tam 200	Other	Total
	Percent							
Southeast 1994	10.7	7.9	2.4	6.7	55.4	6.9	10.0	100.0
Baca	8.5	5.0	4.3	4.3	58.4	7.3	12.2	100.0
Bent	...	40.1	...	...	30.0	15.0	14.9	100.0
Crowley	...	...	14.1	...	64.3	8.5	13.1	100.0
Las Animas	76.5	...	...	...	15.9	...	7.6	100.0
Otero	...	...	1.1	...	34.4	19.0	45.5	100.0
Prowers	10.7	10.6	...	9.9	58.1	5.8	4.9	100.0
Pueblo	5.0	6.1	...	42.0	19.0	...	27.9	100.0

1/ Dots indicate either none or minor amount reported, Scout includes Scout 66, and "other" includes unknown varieties.

COLORADO FRUIT CROPS - 1993

VALUE OF PRODUCTION BY CROP

(\$ 1,000)



1993 Value and Percent of Total

FRUIT CROPS - 1993

Colorado fruit growers had a higher production in 1993 for each fruit except peaches which equaled last year. Total production of the state's four major fruit crops in 1993 was 121.6 million pounds compared with 117.5 million pounds in 1992. Larger portions of the apple and peach crops were utilized in 1993 compared with 1992. The total value of the utilized production from the 1993 crops was \$21.3 million, up 9 percent from \$19.6 million a year earlier.

Apple growers had another favorable growing season and produced 92.0 million pounds in 1993, up 2 percent from the 90.0 million pounds produced in 1992. The average price received for all grades was 15.7 cents per pound compared with 14.5 cents per pound in 1992. The total value of the 1993 crop, at \$14.1 million, was 11 percent higher than the \$12.8 million for the 1992 crop. The 90 million pounds utilized in 1993 was the largest utilization since 1987. Apples represented 66 percent of the total value from the four fruit crops. Apples are produced in a larger production area than the other fruits and the total production is not usually affected as much by spring freezes.

Peach production for 1993, at 18.0 million pounds, was the same as last year and well above the 2.0 million pounds produced from the freeze damaged 1991 crop. A greater portion of the crop, 17.0 million pounds, was utilized in 1993 compared with last year. The total value of the utilized crop was \$5.3 million, 2 percent

higher than the year before. This is the first time since 1987 and 1988 that the crop has had back to back years without severe freeze damage. Because of the heavy concentration of peach orchards in the Palisade area, spring freezes have a more dramatic effect on that crop. In two of the last five years and in three of the last eight years, peach production has been sharply reduced by freeze damage. The 1986, 1989, and 1991 crops were the years in which production was limited with virtually no production in 1989 and very limited production in 1991.

Pear production in 1993 increased 25 percent from a year earlier to 5,000 tons. Growers received an average price of \$348 per ton for the latest crop compared with \$284 per ton for the 1992 output. The total value of the utilized production was \$1.7 million for the 1993 crop. This was a result of the larger utilized production and higher per unit prices. The total value for 1993 increased 47 percent from 1992.

Tart cherry production totaled 1.6 million pounds in 1993 compared with 1.5 million pounds in 1992. While all of the 1992 production was utilized, only 900,000 pounds of the 1993 crop was utilized. Prices were also lower. The total value of the utilized production, at \$224,000, was 59 percent below the \$547,000 received for the 1992 crop. This was a result of the lower price per unit and a 40 percent decline in the amount of the crop utilized compared with last year.

Fruits: Production, price and value, Colorado, 1983-93

Year	Production		Price per unit	Value of utilized production
	Total ^{1/}	Utilized		
Apples	Million Pounds		Cents	1,000 Dollars
1983	85.0	84.0	9.10	7,632
1984	65.0	65.0	11.10	7,185
1985	110.0	110.0	9.50	10,504
1986	18.0	17.6	9.70	1,706
1987	125.0	118.0	6.70	7,948
1988	65.0	65.0	11.00	7,160
1989	70.0	68.0	9.60	6,548
1990	35.0	33.0	14.70	4,838
1991	75.0	70.0	15.60	10,904
1992	90.0	88.0	14.50	12,768
1993	92.0	90.0	15.70	14,130
Peaches	Million Pounds		Cents	1,000 Dollars
1983	10.0	9.5	23.10	2,195
1984	12.0	12.0	25.40	3,048
1985	15.0	15.0	26.00	3,900
1986	6.7	6.7	31.00	2,077
1987	19.0	17.0	22.40	3,814
1988	16.0	15.5	26.90	4,175
1989	^{2/}	^{2/}	^{2/}	^{2/}
1990	17.0	16.0	35.60	5,696
1991	2.0	1.7	38.00	646
1992	18.0	15.5	33.30	5,165
1993	18.0	17.0	31.10	5,287
Pears	Tons		Dollars	1,000 Dollars
1983	5,500	5,300	168.00	890
1984	4,600	4,550	223.00	1,014
1985	6,000	5,900	219.00	1,294
1986	1,750	1,750	280.00	490
1987	8,000	6,400	199.00	1,274
1988	3,800	3,700	251.00	928
1989	4,000	4,000	337.00	1,348
1990	2,500	2,500	336.00	841
1991	3,100	3,100	298.00	925
1992	4,000	4,000	284.00	1,137
1993	5,000	4,800	348.00	1,670
Tart Cherries	Million Pounds		Cents	1,000 Dollars
1983	1.6	1.6	41.90	671
1984	1.0	1.0	25.00	250
1985	1.7	1.7	22.90	390
1986 .....	.9	.9	39.90	359
1987	2.5	.8	10.10	81
1988	1.3	.8	25.10	201
1989 .....	.5	.4	12.50	50
1990	1.0	.9	20.70	186
1991	1.6	1.6	41.40	663
1992	1.5	1.5	36.50	547
1993	1.6	.9	24.90	224

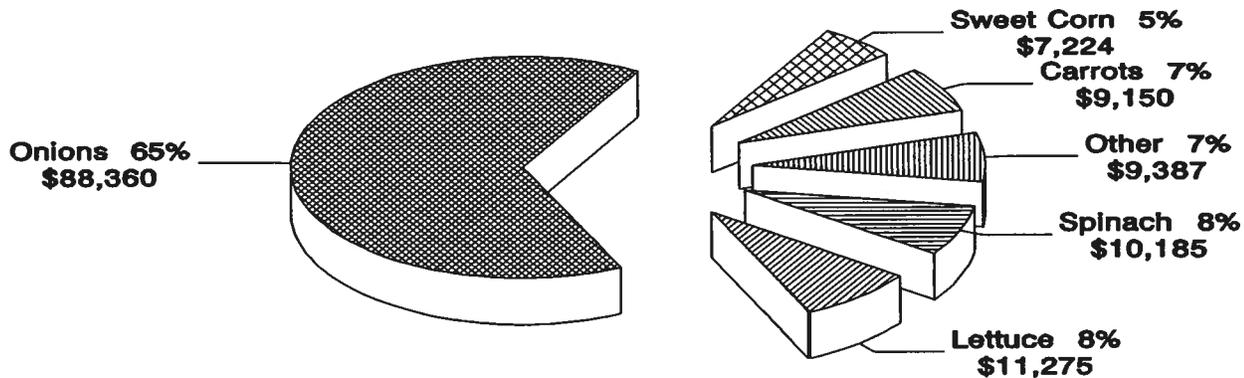
^{1/} In certain years, production includes some quantities not harvested because of economic conditions which are excluded in computing values.

^{2/} No significant commercial production or value in 1989 due to frost.

COLORADO VEGETABLE CROPS - 1993

VALUE OF PRODUCTION BY CROP

(\$ 1,000)



1993 Value and Percent of Total

VEGETABLE CROPS - 1993

Vegetable producers in Colorado harvested 9.9 million cwt of fresh market and processing crops during 1993 which had a total value of \$135.6 million. The 9.9 million includes only those vegetable crops for which acreage and production estimates are prepared. Numerous other vegetable crops are produced in the state but are not surveyed for acreage or production data.

Production of dry storage onions in 1993 totaled 5.7 million cwt, up 5 percent from the previous year. The 1993 value represented 65 percent of the total value from the nine crops. The harvested area increased 11 percent to 15,500 acres while the average yield of 370 cwt per acre was 5 percent below the 1992 average. The quantity of onions expected to be marketed had an estimated value of \$88.4 million compared with \$57.8 million from the 1992 crop, up 53 percent. This represented 58 percent of the total production of 9.9 million cwt from the nine vegetable crops.

Lettuce was the second highest value vegetable crop produced in the state during 1993, accounting for 8 percent of the total value. Production was up 2 percent from the previous year to 1.04 million cwt as a 6 percent increase in acres harvested more than offset a 3 percent reduction in the average yield per acre. Prices declined 32 percent from last year to \$10.80 per hundredweight. Lettuce production represented 11 percent of the total of the nine crops and ranked third in total production.

Carrot production was a close fourth in terms of value of production but ranked second in total production. Production increased 12 percent from the previous year, to 1,064,000 cwt, as a result of increased acreage and improved yields. The total value of the 1993 crop, at \$9.2 million, declined 9 percent from the 1992 value. Carrots represented 7 percent of the total value and 11 percent of the total production.

Sweet corn accounted for 5 percent of the total value and 7 percent of the total production while spinach accounted for 8 percent of the total value and 4 percent of the production. Sweet corn production was down 7 percent to 688,000 cwt as lower yields more than offset increased acreage. However, prices were much higher resulting in a 55 percent increase in total value to \$7.2 million. The 1993 spinach crop of 350,000 cwt had a total value of \$10.2 million.

Cabbage production from 1,400 acres harvested totaled 546,000 cwt in 1993 and had a total value of \$4.9 million. Cucumbers for pickles production in 1993 was 9,570 tons, up 41 percent from 1992, solely as a result of increased per acre yields. Prices were also higher, resulting in a total value of \$2.0 million, up 76 percent from 1992.

Cantaloupe production totaled 240,000 cwt from 1,600 acres harvested and had a total value of \$2,328,000. Processing tomatoes had a value of \$190,000 in 1993.

Vegetables: Acreage, production and value, Colorado, 1985-93

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
Cabbage ^{1/}						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	...	...	...	...	...	...
1986	...	...	...	...	...	...
1987	...	...	...	...	...	...
1988	...	...	...	...	...	...
1989	...	...	...	...	...	...
1990	...	...	...	...	...	...
1991	...	...	...	...	...	...
1992	1,300	1,200	330	396	5.90	2,336
1993	1,600	1,400	390	546	8.90	4,859
Cantaloupe ^{1/}						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	...	...	...	...	...	...
1986	...	...	...	...	...	...
1987	...	...	...	...	...	...
1988	...	...	...	...	...	...
1989	...	...	...	...	...	...
1990	...	...	...	...	...	...
1991	...	...	...	...	...	...
1992	1,300	1,200	90	108	10.00	1,080
1993	1,700	1,600	150	240	9.70	2,328
Carrots						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	1,100	1,000	350	350	11.70	4,095
1986	1,200	1,200	340	408	14.50	5,916
1987	1,300	1,300	345	449	7.60	3,412
1988	1,400	1,400	360	504	8.40	4,234
1989	1,400	1,400	380	532	8.35	4,442
1990	1,500	1,300	345	449	7.60	3,412
1991	2,000	1,600	375	600	8.00	4,800
1992	2,700	2,600	365	949	10.60	10,059
1993	3,300	2,800	380	1,064	8.60	9,150
Cucumbers for Pickles						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1985	2,600	2,600	7.33	19,060	133.00	2,535
1986	1,700	1,500	9.70	14,550	139.00	2,022
1987	1,300	1,300	9.62	12,510	169.00	2,114
1988	1,600	1,500	10.85	16,280	123.00	2,002
1989	1,400	1,300	8.12	10,560	140.00	1,478
1990	700	700	11.34	7,940	137.00	1,088
1991	970	850	7.80	6,630	113.00	749
1992	1,500	1,400	4.84	6,780	168.00	1,139
1993	1,000	1,000	9.57	9,570	210.00	2,010
Lettuce						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	3,800	3,400	240	816	11.10	9,058
1986	2,900	2,500	245	613	10.00	6,130
1987	3,200	3,000	265	795	17.40	13,833
1988	3,300	2,300	280	644	10.70	6,891
1989	2,600	2,600	280	728	13.10	9,537
1990	3,500	3,400	300	1,020	12.40	12,648
1991	4,800	4,700	220	1,034	6.42	6,638
1992	3,600	3,400	300	1,020	15.80	16,116
1993	3,700	3,600	290	1,044	10.80	11,275

^{1/} Estimates reinstated with the 1992 crop.

Vegetables: Acreage, production and value, Colorado, 1985-93

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Value per unit	Total value
Spinach ^{1/}						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	...	...	...	...	...	...
1986	...	...	...	...	...	...
1987	...	...	...	...	...	...
1988	...	...	...	...	...	...
1989	...	...	...	...	...	...
1990	...	...	...	...	...	...
1991	...	...	...	...	...	...
1992	3,300	2,600	100	260	26.10	6,786
1993	3,600	3,500	100	350	29.10	10,185
Sweet Corn for Fresh Market						
	Acres	Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1985	3,600	3,400	155	527	6.70	3,531
1986	3,500	3,400	165	561	8.30	4,656
1987	3,600	3,500	135	473	8.85	4,186
1988	3,700	3,600	140	504	9.40	4,738
1989	3,300	3,000	145	435	12.40	5,394
1990	3,500	3,300	165	545	12.60	6,867
1991	3,300	3,100	160	496	11.00	5,456
1992	4,100	3,900	190	741	6.30	4,668
1993	4,500	4,300	160	688	10.50	7,224
Tomatoes for Processing						
	Acres	Acres	Tons	Tons	Dollars	1,000 Dollars
1985	1,200	860	20.12	17,300	71.10	1,230
1986	730	650	16.68	10,840	67.60	733
1987	710	590	12.86	7,590	84.20	639
1988	700	680	18.15	12,340	72.70	897
1989	220	190	19.00	3,610	95.00	343
1990	200	150	15.93	2,390	98.00	234
1991	210	200	15.00	3,000	100.00	300
1992	160	130	10.00	1,300	90.00	117
1993	200	170	11.18	1,900	100.00	190

^{1/} Estimates reinstated with the 1992 crop.

Onions: Acreage, production and value, Colorado, 1979-93

Year	Acreage planted	Acreage harvested	Yield per acre	Production	Loss	Sales	Value per cwt.	Total value
	Acres	Acres	Cwt.	1,000 Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	
1979	8,200	7,800	325	2,535	685	1,850	5.64	10,434
1980	8,700	8,200	300	2,460	570	1,890	13.10	24,759
1981	9,200	9,000	325	2,925	450	2,475	15.70	38,858
1982	10,000	9,300	350	3,255	810	2,445	8.66	21,174
1983	11,600	10,400	330	3,432	755	2,677	14.60	39,084
1984	12,800	12,200	380	4,636	923	3,713	12.80	47,526
1985	13,100	12,600	425	5,355	1,875	3,480	8.95	31,146
1986	11,800	10,800	425	4,590	840	3,750	13.00	48,750
1987	13,300	12,500	375	4,688	775	3,913	11.50	45,000
1988	13,800	13,500	410	5,535	996	4,539	12.30	55,830
1989	14,000	13,800	400	5,520	994	4,526	12.90	58,385
1990	13,900	13,500	380	5,130	1,280	3,850	11.10	42,735
1991	13,500	12,700	390	4,953	743	4,210	12.40	52,204
1992	14,500	14,000	390	5,460	1,530	3,930	14.70	57,771
1993	16,000	15,500	370	5,735	1,035	4,700	18.80	88,360

Floriculture: Production, sales, and value, Colorado, 1993 ^{1/}

Kind	Number of producers	Plants grown	Production area	Sales			Wholesale price ^{2/}	Value of sales at wholesale
				Unit	Number sold	Percent of sales at wholesale		
	Number	1,000	1,000 Sq. Ft.	1,000	1,000	Percent	Dollars	1,000 Dollars
Cut Flowers ^{3/} .....	...	...	...	...	...	...	...	19,735
Carnations .....	...	2,735	1,195	...	...	...	...	6,165
Standard	23	2,070	905	Blooms	23,260	91	.210	4,885
Miniature	16	665	290	Bunches	800	91	1.600	1,280
Roses .....	...	1,570	2,910	Blooms	45,440	...	.250	11,168
Hybrid Tea	19	1,395	2,590	Blooms	38,100	98	.270	10,287
Sweetheart	9	175	320	Blooms	7,340	100	.120	881
Others	22	...	625	...	...	85	...	2,300
Potted Flowering Plants .....	...	...	2,276	Pots	1,521	...	4.220	6,423
African Violets	8	...	20	Pots	45	96	2.100	95
Chrysanthemums	10	...	290	Pots	160	96	3.910	625
Finished Florist Azaleas	9	...	35	Pots	30	97	7.970	239
Easter Lilies	13	...	110	Pots	135	98	4.100	554
Other Lilies	5	...	6	Pots	6	61	5.800	35
Poinsettias	29	...	1,265	Pots	695	95	4.760	3,310
Others	18	...	550	Pots	450	97	3.480	1,565
Foliage Plants .....	...	...	...	...	...	...	...	1,471
Hanging Baskets	22	...	...	Baskets	165	98	4.100	676
Potted Foliage	11	...	145	...	...	92	...	795
Bedding/Garden Plants .....	...	...	...	...	...	...	...	28,114
Flats .....	...	...	4,393	Flats	2,036	...	9.760	19,878
Geraniums	18	...	33	Flats	16	48	12.250	196
Other (Incl. Foliar)	40	...	4,110	Flats	1,900	93	9.800	18,620
Vegetable Type	34	...	250	Flats	120	85	8.850	1,062
Potted .....	...	...	...	...	...	...	...	6,256
Chrysanthemums	24	...	355	Pots	495	94	1.080	535
Geraniums (Cutting)	33	...	485	Pots	1,105	88	1.930	2,131
Geraniums (Seed)	20	...	260	Pots	760	94	.840	637
Other (Incl. Foliar)	23	...	950	Pots	2,235	92	1.250	2,797
Vegetable Type	16	...	145	Pots	225	70	.690	156
Flowering Hanging Baskets ..	39	...	...	Baskets	275	90	7.200	1,980
Total All Plants	129	...	...	...	...	...	...	55,743 ^{4/}

^{1/} The total covered growing area of 10,255,000 square feet consisted of the following:

- 565,000 square feet of glass;
- 7,985,000 square feet of fiberglass and other rigid greenhouses;
- 1,555,000 square feet of film plastic (single/double) greenhouses;
- 150,000 square feet of shade and temporary cover.

In addition, plants were produced on 42 acres of open ground.

^{2/} For potted plants, price represents a weighted average for plants sold in pots less than 5 inches and in pots 5 inches or more.

^{3/} Total includes Standard and Pompon Chrysanthemums which are not published separately.

^{4/} Based on equivalent wholesale value of all sales for all crops except potted foliage plants which are based on net value of sales.

Field Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts ^{1/}
		Begin	Most active	End	
Barley:					
Fall sown	Sept. 1 - Oct. 15	June 20	July 1 - July 20	Aug. 5	20, 60, 90
Spring sown	Mar. 15 - Apr. 30	June 20	July 5 - Sept. 10	Sept. 20	10, 20, 70, 80
Beans, dry	May 20 - July 1	Aug. 25	Sept. 5 - Sept. 15	Oct. 10	20, 60, 70, 90
Corn:					
Grain	Apr. 15 - June 1	Oct. 1	Oct. 10 - Nov. 20	Dec. 1	20, 60, 70, 90
Silage	Apr. 15 - June 1	Aug. 25	Sept. 1 - Sept. 25	Oct. 10	20, 60, 70, 90
Hay:					
Alfalfa		June 1	June 5 - Sept. 25	Oct. 10	Statewide
Other		July 1	July 5 - Aug. 10	Sept. 25	Statewide
Oats	Mar. 20 - May 5	July 15	July 25 - Aug. 30	Sept. 20	Statewide
Potatoes:					
Fall	Apr. 25 - May 25	Sept. 15	Oct. 1 - Oct. 10	Oct. 20	80
Summer	Apr. 5 - May 10	July 25	Aug. 15 - Sept. 25	Oct. 20	20
Sorghum:					
Grain	May 5 - June 20	Oct. 1	Oct. 10 - Nov. 15	Nov. 25	60, 90
Silage	May 5 - June 20	Sept. 1	Sept. 5 - Sept. 20	Oct. 1	60, 90
Sugar beets	Apr. 1 - May 25	Oct. 1	Oct. 15 - Nov. 5	Nov. 20	20
Sunflowers	May 20 - June 10	Sept. 10	Sept. 20 - Oct. 10	Oct. 30	20, 60
Wheat:					
Winter	Aug. 20 - Oct. 10	June 25	July 10 - July 20	Sept. 5	20, 60, 90
Spring	Mar. 25 - May 20	July 15	Aug. 5 - Sept. 25	Oct. 1	10, 80

^{1/} See footnotes at bottom of page.

Fruit Crops: Usual bloom and harvest dates, Colorado

Crop	Usual bloom dates	Usual harvesting dates			Principal producing counties
		Begin	Most active	End	
Apples	Apr. 20 - May 10	Aug. 5	Sept. 10 - Oct. 10	Nov. 5	Delta, Mesa
Peaches	Apr. 5 - Apr. 25	Aug. 5	Aug. 20 - Sept. 5	Sept. 20	Mesa, Delta
Pears	Apr. 20 - May 5	Aug. 10	Aug. 15 - Sept. 10	Sept. 20	Mesa, Delta
Cherries, Tart	Apr. 30	July 5	July 20 - July 30	Aug. 5	Delta, Mesa

Vegetable Crops: Usual planting and harvesting dates, Colorado

Crop	Usual planting dates	Usual harvesting dates			Principal producing districts ^{1/}
		Begin	Most active	End	
Cabbage	Apr. 5 - June 1	July 15	Aug. 1 - Sept. 30	Nov. 1	20, 60, 90
Cantaloupe	May 1 - May 20	Aug. 1	Aug. 10 - Aug. 30	Sept. 30	90
Carrots	Apr. 1 - July 5	Aug. 1	Aug. 15 - Nov. 30	Dec. 5	20, 60, 80
Lettuce	Mar. 20 - July 10	June 10	June 15 - Sept. 15	Oct. 1	20, 60, 70, 80
Onions	Mar. 10 - Apr. 30	July 10	Aug. 1 - Sept. 30	Oct. 31	20, 70, 90
Spinach	Apr. 1 - Aug. 1	June 20	July 20 - Sept. 1	Sept. 30	20, 60, 80
Sweet corn	Apr. 1 - June 30	July 10	July 20 - Sept. 20	Oct. 5	20, 60, 70, 90

^{1/} For Districts, see map on inside of front cover as follows:

10-Northwest and Mountains; 20-Northeast; 60-East Central; 70-Southwest; 80-San Luis Valley; 90-Southeast.

Precipitation: Monthly and annual averages by district, Colorado, 1987-93 1/

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual total
Northwest and Mountain District													
Inches													
Average 1941-70	1.13	1.02	1.29	1.50	1.37	1.28	1.64	1.76	1.19	1.16	.99	1.13	15.46
1987 .....	.82	.99	1.17	.80	1.71	1.09	1.60	1.86	.57	1.13	1.13	1.32	14.19
1988	1.48	.70	1.16	1.05	1.39	1.51	1.05	1.40	1.23	.34	1.74	1.03	14.08
1989 .....	.79	1.74	1.20	1.09	.96	.92	1.88	1.41	1.14	.71	.86	1.02	13.72
1990 .....	.56	.98	1.51	1.93	1.13	.66	2.35	1.42	1.70	1.89	1.17	.75	16.05
1991 .....	.93	.53	1.93	1.39	1.06	1.77	2.10	1.82	1.15	1.01	1.71	.42	15.82
1992 .....	.62	.67	1.50	1.20	2.09	1.14	1.82	2.00	.94	.86	1.43	.92	15.19
1993	1.43	2.20	1.88	1.94	1.45	1.11	.75	1.38	1.53	1.98	1.31	.69	17.65
Northeast District													
Inches													
Average 1941-70 .....	.47	.44	1.00	1.69	2.81	2.41	1.95	1.54	1.10	1.09	.60	.40	15.50
1987 .....	.40	1.45	1.32	1.02	4.61	3.16	1.38	1.72	.70	.67	1.44	1.11	18.98
1988 .....	.54	.43	1.57	.85	4.09	1.16	1.88	1.58	1.44	.06	.28	.84	14.72
1989 .....	.70	.68	.43	.93	2.01	2.96	1.42	2.22	2.07	.61	.10	.47	14.60
1990 .....	.67	.28	3.13	1.25	2.50	.63	3.27	1.89	1.32	.78	1.04	.28	17.04
1991 .....	.44	.12	.62	1.00	3.25	2.82	1.84	1.88	1.47	.94	1.82	.02	16.22
1992 .....	.83	.16	3.22	.65	1.16	4.08	2.21	3.22	.32	.58	1.27	.51	18.21
1993 .....	.25	.95	.97	1.93	1.77	2.55	1.21	1.69	1.95	1.93	1.16	.24	16.60
East Central District													
Inches													
Average 1941-70 .....	.41	.39	.87	1.53	2.56	2.29	2.53	2.15	1.26	1.04	.58	.34	15.95
1987 .....	.36	1.27	1.25	.46	5.17	3.04	1.88	1.93	.82	.55	1.02	.66	18.41
1988 .....	.65	.30	.71	.88	4.11	1.75	2.35	1.57	1.48	.05	.26	.52	14.63
1989 .....	.60	.42	.35	.62	2.10	3.93	1.74	2.75	1.56	.24	.06	.41	14.78
1990 .....	.94	.42	1.94	1.06	3.20	.81	3.55	2.16	1.63	1.10	.98	.13	17.92
1991 .....	.24	.09	1.22	1.05	2.91	2.70	4.29	3.09	.75	.69	1.76	.67	19.46
1992 .....	.83	.35	1.94	.39	.92	3.54	2.81	3.61	.26	.59	.96	.28	16.48
1993 .....	.33	.79	.59	1.34	1.94	1.75	2.70	3.01	.97	2.12	.99	.21	16.74
West Central and Southwest District													
Inches													
Average 1941-70	1.25	1.05	1.25	1.35	1.04	.90	1.39	1.88	1.37	1.61	1.00	1.27	15.36
1987	1.02	1.99	1.51	.68	1.68	.62	1.45	2.35	.48	1.71	2.04	1.20	16.73
1988	1.54	.61	.63	1.21	1.03	1.29	1.06	2.27	1.82	.45	1.82	1.16	14.89
1989	1.12	1.37	.84	.28	.25	.27	1.62	1.64	.77	1.12	.12	.20	9.60
1990 .....	.71	.86	1.49	2.21	.96	.35	2.13	1.51	2.20	1.94	1.35	1.14	16.85
1991	1.14	.45	1.95	.72	.51	.85	1.44	1.53	2.06	1.33	2.23	1.07	15.28
1992 .....	.58	1.12	2.01	.61	3.34	.58	2.08	1.77	1.01	1.34	1.41	1.39	17.24
1993	2.73	2.72	1.56	1.11	2.12	.35	.16	2.81	1.00	1.93	1.05	.70	18.24
South Central District													
Inches													
Average 1941-70 .....	.42	.32	.53	.77	.76	.69	1.45	1.59	.86	.97	.38	.48	9.22
1987 .....	.70	.68	.68	.55	.92	.75	.31	1.51	.29	.25	.85	.63	8.12
1988 .....	.51	.32	.32	.44	.88	1.07	.94	1.82	.70	.36	.52	.38	8.26
1989 .....	.50	.73	.17	.15	.28	.36	2.01	.96	1.14	.46	.01	.18	6.95
1990 .....	.41	.35	.85	1.81	.81	.27	2.03	1.32	2.37	1.11	.84	.52	12.69
1991 .....	.20	.21	.57	.33	.80	.86	1.36	1.74	.70	.61	1.23	.74	9.35
1992 .....	.18	.17	1.32	.17	1.33	.80	1.75	2.61	.71	.15	.54	.69	10.59
1993 .....	.38	.66	.78	.47	1.48	.26	.59	3.60	.99	.62	.54	.28	10.65
Southeast District													
Inches													
Average 1941-70 .....	.56	.54	.95	1.51	1.96	1.61	2.24	2.05	1.05	1.02	.62	.55	14.66
1987 .....	.85	1.42	1.13	.42	3.25	1.91	.61	2.78	1.47	.10	.69	.79	15.42
1988 .....	.57	.34	.68	1.27	2.15	2.23	1.75	1.15	2.47	.10	.38	.53	13.62
1989 .....	.46	.75	.43	.53	2.00	2.14	1.06	2.23	1.77	.25	.06	.64	12.32
1990 .....	.90	1.07	.93	1.10	2.48	.92	4.37	1.51	2.17	.99	.99	.44	17.87
1991 .....	.32	.11	.92	.96	1.07	2.06	2.82	3.18	1.18	.69	2.09	.58	15.98
1992 .....	.20	.43	.79	.37	1.17	3.33	3.09	3.41	.25	.38	1.72	.40	15.54
1993 .....	.42	1.02	1.48	1.29	2.75	1.73	1.07	2.93	.96	.98	.99	.18	15.80

1/ Compiled from reports issued by the National Oceanic and Atmospheric Administration.

COLORADO FARM INCOME

The gross farm income for Colorado's 25,500 farms in operation during 1992 totaled \$4.43 billion, up 2 percent from \$4.34 billion generated from 26,000 farms operating during 1991. Production expenses declined slightly to \$3.48 billion. Net farm income, at \$946.9 million for 1992, was up 12 percent from \$845.3 million the previous year.

Cash receipts from farm marketings were up 7 percent from 1991 to \$4.04 billion in 1992. Receipts from the sale of crops declined 1 percent to \$1.08 billion while receipts from the sale of livestock and livestock products increased 11 percent to \$2.96 billion.

Government payments totaled \$203.2 million in 1992, down 6 percent from \$217.1 million the previous year. Other farm income declined 10 percent to \$144.0 million compared with \$159.2 million in 1991. The value of non cash income, at \$92.3 million during 1992, declined 7 percent from \$98.9 million for 1991 as all components of that group had a lower value than the previous year. The value of the inventory adjustment was a negative \$51.6 million compared with a positive \$98.9 million a year earlier as the value of various products had a much lower value at the end of 1992 than they did at the end of 1991.

(Continued on next page)

Farm income indicators, Colorado, 1988-92

Item	1988	1989	1990	1991	1992
	Million Dollars				
Gross Farm Income <u>1/</u>	4,342.1	4,402.0	4,715.5	4,336.3	4,426.3
Cash Income	4,139.6	4,312.6	4,597.6	4,138.5	4,385.6
Farm Marketings	3,704.4	3,967.5	4,218.1	3,762.2	4,038.4
Crops	1,038.6	1,319.0	1,145.4	1,099.0	1,083.2
Livestock and Products	2,665.8	2,648.6	3,072.7	2,663.3	2,955.2
Government Payments	280.5	183.4	236.7	217.1	203.2
Other Farm Income	154.6	161.6	142.8	159.2	144.0
Noncash Income	108.1	102.5	103.5	98.9	92.3
Value of Home Consumption	11.2	9.7	9.3	8.3	7.1
Rental Value of Dwellings	96.9	92.9	94.2	90.6	85.2
Operator and Other Dwellings	87.2	81.7	82.4	76.9	75.4
Hired Labor Dwellings	9.7	11.2	11.8	13.7	9.8
Value of Inventory Adjustment	94.4	-13.1	14.4	98.9	-51.6
Total Production Expenses	3,628.6	3,538.5	3,701.2	3,491.2	3,479.4
Intermediate Product Expenses	2,698.8	2,606.4	2,742.5	2,602.8	2,615.8
Farm Origin	1,872.8	1,720.3	1,834.8	1,706.7	1,739.3
Feed Purchased	514.9	485.4	445.9	390.9	388.2
Livestock and Poultry Purchased ..	1,301.3	1,173.5	1,325.7	1,244.1	1,282.3
Seed Purchased	56.6	61.4	63.2	71.7	68.9
Manufactured Inputs	260.8	275.1	283.3	282.5	260.0
Fertilizer & Lime	84.9	90.5	81.8	81.3	65.4
Pesticides	36.9	41.1	40.3	43.2	43.5
Fuel & Oil	88.0	86.5	105.2	101.6	90.5
Electricity	50.9	57.0	56.0	56.5	60.7
Other	565.2	611.0	624.4	613.6	616.5
Repair & Maintenance	122.2	127.7	119.9	114.3	130.5
Other Miscellaneous	443.0	483.3	504.4	499.3	486.0
Interest	310.1	304.8	297.6	274.8	259.4
Real Estate	162.0	154.8	146.6	132.5	124.2
Non-Real Estate	148.1	150.1	151.0	142.4	135.2
Contract and Hired Labor Expenses ..	163.3	170.9	190.8	178.8	168.8
Net Rent To Non-Operator Landlords ..	116.6	114.0	123.5	92.0	95.2
Capital Consumption	270.5	271.0	270.4	269.0	262.0
Property Taxes	69.2	71.4	76.3	73.8	78.3
Net Farm Income	713.5	863.6	1,014.3	845.3	946.9
Number of Farms	27,300	27,000	26,500	26,000	25,500

1/ Includes operator households.

Farm production expenses totaled \$3.48 billion in 1992 compared with \$3.49 billion a year earlier. The farm origin components of feed, livestock and poultry, and seed purchased totaled \$1.74 billion, up 2 percent from \$1.71 billion the previous year. Those items represented 50 percent of all production expenses. Expenditures for manufactured inputs such as fertilizer, pesticides, fuel and oil, and electricity, at \$260.0 million, were down 8 percent from the \$282.5 million spent for those items in 1991. Other expenditures such as those for repair and maintenance, machine hire and custom work, and other miscellaneous expenses totaled \$616.5 million compared with \$613.6 million the previous year. Interest expenses were down 6 percent to \$259.4 million. Contract and hired labor expenses, at \$168.8 million were also down 6 percent.

Colorado's farm balance sheet showed a small improvement from the previous year. Total farm assets were up 4 percent to \$15.82 billion while total farm debt declined 2 percent to \$2.78 billion. The largest asset item, real estate, was valued at \$11.26 billion and was 4 percent higher than a year earlier. This item represented 71 percent of the total farm asset value. The value of livestock and poultry, at \$2.06 billion, was up 6 percent from \$1.94 billion in 1991. The value of purchased inputs increased 20 percent from the previous year to \$75.2 million and financial assets increased 11 percent to \$833.5 million. The value of machinery and motor vehicles declined 1 percent, from \$1.28 billion in 1991 to \$1.26 billion in 1992. The value of crops, at \$336.5 million at the end of 1992, was down 12 percent from a value of \$384.0 million at the end of 1991.

Total farm debt was down 2 percent to \$2.78 billion with real estate and non-real estate debt declining 2 percent and 1 percent, respectively. Real estate debt was down to \$1.48 billion from \$1.51 billion in 1991. Non-real estate debt decreased from \$1.32 billion in 1991 to \$1.30 billion for 1992. Overall farm equity increased 5 percent to \$13.04 billion. The debt/equity ratio declined to 21.4 compared with 22.7 the previous year and the debt/assets ratio of 17.6 was down from 18.5 a year earlier.

Livestock and livestock products continued to be the leading contributor to Colorado's cash receipts with a total value of \$2.96 billion in 1992. This was up 11 percent from \$2.66 billion the previous year and represented 73 percent of the total cash receipts from all commodities, at \$3.76 billion. Receipts from cattle and calves totaled \$2.53 billion in 1992 which accounted for 85 percent of the total livestock receipts and over 62.5 percent of the total cash receipts from all commodities. Receipts from crops totaled \$1.08 billion in 1992, down 1 percent from the previous year, representing nearly 27 percent of the total. Corn was the state's second leading contributor to cash receipts with \$268.5 million followed by wheat with \$237.2 million. The value of milk sold wholesale and retailed directly by producers totaled \$189.4 million and remained the fourth leading contributor to cash receipts. Hay was fifth with \$135.9 million; onions ranked sixth with \$77.1 million; hogs were seventh with \$73.4 million; potatoes were eighth with \$67.1 million; floricultural products were ninth with \$48.1 million; and dry beans ranked tenth with \$44.0 million. Cash receipts from sheep and lambs and eggs were just under \$44 million and \$43 million, respectfully.

Farm balance sheet, Colorado, December 31, 1988-92 1/

Item	1988	1989	1990	1991	1992
Million Dollars					
Total Farm Assets	15,222.4	15,193.6	16,833.2	15,276.0	15,823.7
Real Estate	10,950.5	10,813.5	12,374.0	10,853.9	11,258.8
Livestock & Poultry 2/	1,807.4	1,882.2	2,045.1	1,942.4	2,056.7
Machinery & Motor Vehicles 3/	1,221.6	1,281.9	1,279.5	1,282.0	1,263.1
Crops 4/	487.4	458.7	362.5	384.0	336.5
Purchased Inputs	126.3	104.2	122.1	62.5	75.2
Financial	629.1	653.1	650.0	751.1	833.5
Total Farm Debt	2,980.7	2,947.1	2,859.6	2,829.7	2,785.0
Real Estate	1,639.0	1,550.4	1,473.2	1,509.9	1,484.4
Non-Real Estate 5/	1,341.7	1,396.7	1,386.4	1,319.9	1,300.6
Equity	12,241.7	12,246.6	13,973.6	12,446.2	13,038.7
Ratio					
Debt/Equity	24.3	24.1	20.5	22.7	21.4
Debt/Assets	19.6	19.4	17.0	18.5	17.6

1/ Includes operator dwellings. 2/ Excludes horses, mules, and broilers. 3/ Includes only farm share value for autos and trucks. 4/ All crops held on farms including value above loan rates for crops held under CCC. 5/ Excludes debt for non-farm purposes.

Farm Income: Cash receipts by commodity, Colorado, 1989-92

Commodity	1989		1990		1991		1992	
	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total 1/	Cash receipts	Percentage of total <u>1/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent	1,000 Dollars	Percent	1,000 Dollars	Percent
All commodities	3,967,549	100.0	4,218,122	100.0	3,762,245	100.0	4,038,389	100.0
Livestock and products	2,648,577	66.8	3,072,723	72.8	2,663,256	70.8	2,955,204	73.2
Meat animals	2,315,595	58.4	2,751,786	65.2	2,347,531	62.4	2,643,316	65.5
Cattle and calves	2,232,584	56.3	2,653,763	62.9	2,244,332	59.7	2,525,956	62.5
Hogs	39,531	1.0	52,848	1.3	67,741	1.8	73,382	1.8
Sheep and lambs	43,480	1.1	45,175	1.1	35,458	1.0	43,978	1.1
Dairy products	183,434	4.6	188,451	4.5	166,156	4.4	189,386	4.7
Milk, retail	8,651	.2	8,651	.2	8,930	.2	12,372	.3
Milk, wholesale	174,783	4.4	179,800	4.3	157,226	4.2	177,014	4.4
Poultry/eggs	121,092	3.1	107,818	2.6	125,267	3.3	95,746	2.4
Chicken eggs	52,187	1.3	51,089	1.2	53,108	1.4	42,827	1.1
Other poultry	68,905	1.7	56,729	1.3	72,159	1.9	52,919	1.3
Miscellaneous livestock	28,456	.7	24,668	.6	24,302	.6	26,756	.7
Honey	1,782	*	2,323	.1	2,489	.1	2,424	.1
Wool	8,501	.2	4,046	.1	2,976	.1	4,406	.1
Aquaculture	1,943	*	2,167	.1	2,370	.1	2,370	.1
Other livestock	15,000	.4	15,500	.4	16,000	.4	17,000	.4
Crops	1,318,972	33.2	1,145,399	27.2	1,098,989	29.2	1,083,185	26.8
Food grains	278,415	7.0	189,939	4.5	238,121	6.3	237,289	5.9
Wheat	278,287	7.0	189,835	4.5	238,011	6.3	237,201	5.9
Feed crops	537,989	13.6	474,260	11.2	473,563	12.6	443,944	11.0
Barley	37,874	1.0	28,907	.7	32,180	.9	22,889	.6
Corn	310,672	7.8	268,964	6.4	259,908	6.9	268,494	6.6
Hay	163,452	4.1	164,226	3.9	160,824	4.3	135,936	3.4
Oats	2,797	.1	1,658	*	1,445	*	1,840	*
Sorghum grain	23,194	.6	10,505	.2	19,206	.5	14,785	.4
Oilcrops	...	...	...	...	5,812	.2	7,721	.2
Sunflowers	...	...	...	...	5,589	.1	7,447	.2
Vegetables	343,153	8.6	323,513	7.7	228,122	6.1	233,617	5.8
Beans, dry	101,499	2.6	82,269	2.0	49,732	1.3	44,042	1.1
Potatoes	140,236	3.5	152,771	3.6	89,911	2.4	67,110	1.7
Summer	12,300	.3	13,573	.3	9,976	.3	4,698	.1
Fall	127,936	3.2	139,198	3.3	79,935	2.1	62,412	1.5
Carrots	4,442	.1	3,412	.1	4,800	.1	10,059	.2
Corn, sweet	5,394	.1	6,867	.2	5,456	.1	4,070	.1
Cucumbers	1,478	*	1,088	*	749	*	1,397	*
Lettuce	9,537	.2	12,648	.3	6,638	.2	16,116	.4
Onions	68,724	1.7	52,224	1.2	59,536	1.6	77,094	1.9
Miscellaneous vegetables	11,500	.3	12,000	.3	11,000	.3	3,500	.1
Fruits/nuts	9,729	.2	12,200	.3	12,636	.3	16,407	.4
Apples	7,866	.2	4,909	.1	9,622	.3	8,738	.2
Peaches	<u>2/</u>	<u>2/</u>	5,696	.1	646	*	5,165	.1
Pears	1,348	*	841	*	925	*	1,137	*
Other berries	65	*	68	*	80	*	70	*
Miscellaneous fruits & nuts	400	*	500	*	700	*	750	*
All other crops	149,686	3.8	145,487	3.4	140,735	3.7	144,207	3.6
Sugar beets	39,854	1.0	37,571	.9	38,407	1.0	37,969	.9
Other seeds	960	*	980	*	990	*	950	*
Other field crops	15,000	.4	18,000	.4	13,500	.4	14,000	.3
Greenhouse/nursery	84,669	2.1	79,085	1.9	77,851	2.1	81,134	2.0
Floriculture	53,169	1.3	47,085	1.1	45,351	1.2	48,134	1.2
Ornamentals, other	31,500	.8	32,000	.8	32,500	.9	33,000	.8

1/ Totals may not add due to rounding. 2/ No production or sales due to freeze.

* Less than 0.05 percent.

Note: Reprinted from Economic Indicators of the Farm Sector, January 1994, USDA Economic Research Service. Cash receipt data reflect income derived from the sale of agricultural commodities during a calendar year for only that portion of the commodity that is sold.

PRICES RECEIVED BY FARMERS

Prices received by farmers and ranchers provide a basis for calculating the income from the Agricultural Sector as part of the National Income Accounts. These data are also extensively used to analyze past and current marketing patterns and to make current and future marketing decisions. Prices received for major farm commodities are used in computing the Index of Prices Received by Farmers, an important indicator of the economic environment of the nation's agricultural producers.

Marketing year average prices, by commodity, Colorado, 1985-93

Commodity	Unit	Price per unit ^{1/}								
		1985	1986	1987	1988	1989	1990	1991	1992	1993
Dollars										
Wheat, all	Bu.	2.77	2.26	2.51	3.69	3.66	2.46	3.07	3.15	3.15
Wheat, winter	Bu.	2.76	2.25	2.51	3.69	3.68	2.47	3.07	3.15	3.20
Wheat, spring	Bu.	3.19	2.46	2.60	3.62	3.45	2.28	3.05	3.00	2.80
Corn, grain	Bu.	2.37	1.60	1.95	2.54	2.32	2.36	2.43	2.23	2.70
Corn, silage	Ton	20.00	16.40	15.30	22.20	21.30	21.60	20.00	19.10	19.90
Barley, all	Bu.	2.60	2.15	2.56	3.01	3.28	3.06	3.14	2.57	2.95
Sorghum, grain	Bu.	2.03	1.42	1.84	2.25	2.20	2.09	2.25	1.92	2.58
Sorghum, silage	Ton	13.70	12.20	12.60	17.00	18.00	19.50	17.70	18.00	20.00
Dry beans ^{2/}	Cwt.	17.20	15.20	14.60	31.20	30.40	15.90	13.70	19.00	27.70
Sunflowers, all ^{3/}	Cwt.	...	...	...	...	...	...	9.60	10.20	13.20
Oil varieties	Cwt.	...	...	...	...	...	...	8.00	8.75	12.30
Non-oil varieties	Cwt.	...	...	...	...	...	...	11.70	13.00	15.00
Sugar beets	Ton	27.40	32.90	35.40	42.10	43.70	39.80	39.80	39.50	^{5/}
Oats	Bu.	1.60	1.40	1.60	2.45	1.45	1.70	1.60	1.70	1.80
Hay, all (baled)	Ton	57.50	58.00	62.00	82.00	91.50	80.50	70.50	64.50	78.00
Potatoes, all	Cwt.	2.50	4.40	2.10	7.15	8.10	4.65	2.25	4.20	5.60
Potatoes, summer	Cwt.	4.15	6.00	5.40	5.40	6.00	6.80	4.90	5.55	5.40
Potatoes, fall	Cwt.	2.25	4.20	1.75	7.95	8.35	4.45	2.00	4.05	5.65
Rye	Bu.	1.95	1.15	1.25	2.15	1.65	1.70	1.90	2.30	2.40
Apples, commercial	Lb.	.095	.097	.067	.110	.096	.147	.156	.145	.157
Cherries, tart	Lb.	.229	.399	.101	.251	.125	.207	.414	.365	.249
Peaches	Lb.	.260	.310	.224	.269	^{6/}	.356	.380	.333	.311
Pears	Ton	219.00	280.00	199.00	251.00	337.00	336.00	298.00	284.00	348.00
Cabbage ^{4/}	Cwt.	...	...	...	...	...	...	...	5.90	8.90
Cantaloupe ^{4/}	Cwt.	...	...	...	...	...	...	...	10.00	9.70
Carrots	Cwt.	11.70	14.50	7.60	8.40	8.35	7.60	8.00	10.60	8.60
Cucumbers	Ton	133.00	139.00	169.00	123.00	140.00	137.00	113.00	168.00	210.00
Lettuce	Cwt.	11.10	10.00	17.40	10.70	13.10	12.40	6.42	15.80	10.80
Onions	Cwt.	8.95	13.00	11.50	12.30	12.90	11.10	12.40	14.70	18.80
Spinach ^{4/}	Cwt.	...	...	...	...	...	...	...	26.10	29.10
Sweet Corn	Cwt.	6.70	8.30	8.85	9.40	12.40	12.60	11.00	6.30	10.50
Tomatoes	Ton	71.10	67.60	84.20	72.70	95.00	98.00	100.00	90.00	100.00
Beef cattle	Cwt.	58.50	57.00	66.00	70.90	73.20	78.50	75.30	74.10	76.80
Milk cows	Hd.	940.00	870.00	1,010.00	1,060.00	1,080.00	1,160.00	1,160.00	1,150.00	1,200.00
Calves	Cwt.	67.50	66.20	82.50	93.20	93.20	99.80	103.00	96.20	101.00
Steers & heifers	Cwt.	59.90	58.70	67.40	72.50	75.30	80.00	76.30	76.30	78.50
Cows	Cwt.	37.60	36.70	45.90	49.10	49.70	53.10	51.50	53.20	52.20
Sheep	Cwt.	23.90	28.30	32.00	25.30	27.30	24.10	22.40	26.40	28.80
Lambs	Cwt.	67.10	67.60	74.60	68.50	63.40	54.40	54.00	61.20	64.00
Hogs	Cwt.	45.10	51.30	53.80	44.60	44.30	55.80	52.10	43.90	48.50
Turkeys	Lb.	.500	.620	^{7/}	^{7/}	^{7/}	^{7/}	^{7/}	^{7/}	^{7/}
Chickens	Lb.	.110	.110	.120	.130	.160	.120	.110	.100	.100
Eggs	Doz.	.600	.660	.580	.550	.760	.778	.790	.614	.688
Milk sold to plants	Cwt.	14.00	13.50	13.40	13.20	14.70	14.50	12.70	13.40	13.00
Wool	Lb.	.62	.68	.93	1.40	1.34	.71	.52	.74	.50

^{1/} Does not include government payments. ^{2/} Price applies to clean basis. ^{3/} Estimates begun in 1991. ^{4/} Estimates resumed in 1992.
^{5/} Not available. ^{6/} No 1989 value due to freeze. ^{7/} Not published separately to avoid disclosure.

Prices Received: Monthly averages by commodity, Colorado, 1985-93

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
All Wheat												
Dollars Per Bushel												
1985	3.19	3.16	3.16	3.13	2.93	2.88	2.72	2.59	2.67	2.77	2.85	2.97
1986	2.92	2.90	2.94	3.01	2.99	2.35	2.09	2.06	2.12	2.20	2.29	2.33
1987	2.28	2.38	2.42	2.44	2.54	2.38	2.18	2.20	2.30	2.37	2.52	2.59
1988	2.61	2.70	2.65	2.64	2.75	3.11	3.25	3.27	3.28	3.62	3.74	3.75
1989	3.74	3.96	4.03	4.08	4.04	4.01	3.73	3.72	3.71	3.73	3.80	3.81
1990	3.74	3.67	3.40	3.34	3.42	3.02	2.69	2.42	2.37	2.30	2.34	2.36
1991	2.39	2.31	2.44	2.56	2.62	2.61	2.47	2.57	2.81	3.10	3.32	3.41
1992	3.47	3.88	3.77	3.67	3.44	3.48	3.06	2.79	3.07	3.19	3.22	3.27
1993	3.36	3.29	3.24	3.02	2.99	2.97	2.70	2.83	2.83	3.01	3.19	3.54
Corn for Grain												
Dollars Per Bushel												
1985	2.62	2.62	2.70	2.74	2.63	2.88	2.79	2.75	2.55	2.25	2.29	2.40
1986	2.44	2.46	2.45	2.44	2.60	2.52	2.27	1.77	1.71	1.60	1.56	1.57
1987	1.50	1.63	1.58	1.57	1.77	1.72	1.76	1.60	1.64	1.66	1.68	1.75
1988	1.76	1.84	1.79	1.89	1.88	2.47	3.00	2.86	2.85	2.65	2.57	2.55
1989	2.69	2.53	2.60	2.54	2.52	2.43	2.46	2.41	2.29	2.24	2.20	2.25
1990	2.23	2.29	2.30	2.48	2.55	2.71	2.67	2.70	2.52	2.31	2.26	2.28
1991	2.28	2.34	2.40	2.48	2.48	2.49	2.43	2.49	2.43	2.35	2.37	2.39
1992	2.40	2.49	2.53	2.53	2.54	2.57	2.51	2.27	2.34	2.24	2.19	2.16
1993	2.17	2.14	2.21	2.23	2.26	2.24	2.29	2.34	2.47	2.43	2.49	2.70
Sorghum for Grain												
Dollars Per Cwt.												
1985	4.11	4.22	4.18	4.92	4.07	5.28	4.74	4.74	4.29	3.35	3.44	3.54
1986	3.72	3.73	3.70	3.84	3.99	4.31	3.67	1/	2.81	2.44	2.44	2.52
1987	2.44	2.34	2.55	2.59	2.74	2.96	2.49	2.70	3.07	2.79	2.70	2.73
1988	2.76	2.71	2.77	2.90	2.81	4.29	4.87	4.48	4.49	4.19	4.03	3.86
1989	4.12	4.45	4.01	4.01	3.96	4.01	3.82	3.74	3.79	3.52	4.02	3.65
1990	3.67	3.31	3.87	4.06	4.22	4.29	1/	1/	3.70	3.39	3.47	3.80
1991	3.64	3.85	3.94	4.23	4.06	3.80	3.93	4.28	3.80	3.91	3.76	3.80
1992	4.00	4.20	4.29	4.25	4.31	4.23	4.06	3.85	1/	3.37	3.32	3.40
1993	3.37	3.30	3.27	3.51	3.38	3.10	3.63	3.64	4.19	3.93	4.28	4.50
All Barley												
Dollars Per Bushel												
1985	2.05	2.15	2.28	2.50	2.25	2.17	2.37	2.29	2.80	3.05	3.33	3.12
1986	2.01	1.87	1.97	1.93	2.01	1.78	1.96	1.76	1.67	2.88	2.77	2.94
1987	1.45	1.44	1.50	1.49	1.50	1.62	2.03	2.47	2.17	2.89	3.52	2.90
1988	2.38	2.55	1.67	1.66	1.70	1.79	2.62	3.40	3.41	3.21	3.11	3.09
1989	2.41	2.06	2.11	2.27	2.24	2.23	2.31	3.86	3.10	3.18	3.44	2.82
1990	2.36	2.35	2.30	2.29	2.55	2.45	2.53	2.89	3.24	2.25	3.44	3.42
1991	2.94	3.20	3.17	2.41	2.25	2.32	2.57	3.54	2.66	3.28	3.30	3.33
1992	3.21	3.32	2.24	2.20	2.57	2.89	2.52	3.25	2.44	2.33	2.26	2.11
1993	2.36	2.31	2.31	3.01	2.05	1.94	3.16	3.17	2.40	2.55	3.26	2.22
Feed Barley												
Dollars Per Bushel												
1985	2.05	2.15	2.28	2.50	2.25	2.17	2.03	1.81	1.71	1.75	1.92	1.92
1986	1.98	1.87	1.97	1.92	2.00	1.75	1.39	1.34	1.31	1.30	1.43	1.42
1987	1.31	1.44	1.50	1.49	1.49	1.62	1.37	1.41	1.40	1.46	1.48	1.59
1988	1.56	1.73	1.67	1.66	1.70	1.74	2.14	2.07	2.24	2.09	2.09	2.14
1989	2.22	2.06	2.09	2.27	2.24	2.23	2.05	2.13	2.17	2.36	2.27	2.30
1990	2.36	2.35	2.30	2.29	2.55	2.45	2.15	2.04	2.08	1.97	2.06	2.00
1991	1.99	2.00	2.05	2.32	2.24	2.32	2.08	2.04	1.94	2.01	2.20	2.12
1992	2.19	2.40	2.24	2.20	2.29	2.17	2.07	1.84	1.87	1.90	1.95	2.00
1993	2.09	2.03	1.98	2.02	2.05	1.94	1.93	2.03	2.07	1.94	2.12	2.22

1/ Insufficient sales.

Prices Received: Monthly averages by commodity, Colorado, 1985-93 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Dry Beans												
Dollars Per Cwt.												
1985	14.90	15.30	15.50	16.90	17.80	18.20	19.70	18.30	16.80	18.30	18.00	18.00
1986	18.20	16.80	16.70	16.60	16.30	16.20	16.40	15.30	14.70	16.20	15.90	15.40
1987	14.40	14.50	13.90	13.60	13.90	15.00	16.00	16.30	13.70	13.60	12.30	11.80
1988	11.50	11.40	13.10	13.30	15.70	19.20	25.90	23.90	30.40	29.90	29.20	29.20
1989	29.20	31.80	34.20	34.20	35.30	36.00	36.00	33.80	25.40	26.60	28.20	28.40
1990	33.40	35.80	36.80	37.00	38.40	40.20	39.20	29.00	15.80	15.60	15.60	15.20
1991	14.80	15.70	15.90	15.90	17.60	17.80	16.40	14.40	13.40	13.30	12.80	12.60
1992	11.80	13.40	13.60	13.80	14.10	14.30	15.20	16.00	18.40	19.20	20.30	20.40
1993	20.40	20.10	18.80	17.90	17.10	17.10	17.30	19.60	22.90	29.30	29.90	29.30
All Hay, Baled												
Dollars Per Ton												
1985	75.00	73.00	73.00	73.00	70.00	69.00	65.00	62.00	62.00	60.00	58.00	55.00
1986	53.00	56.00	56.00	51.00	54.00	59.00	58.00	58.00	58.00	57.00	58.00	55.00
1987	60.00	59.00	59.00	59.00	58.00	57.00	57.00	58.00	58.00	62.00	64.00	68.00
1988	65.00	62.00	64.00	66.00	70.00	72.00	79.00	81.00	78.00	80.00	84.00	86.00
1989	84.00	82.00	87.00	87.00	87.00	89.00	91.00	88.00	89.00	92.00	92.00	95.00
1990	95.00	95.00	93.00	90.00	87.00	84.00	85.00	83.00	79.00	79.00	78.00	80.00
1991	79.00	79.00	81.00	78.00	77.00	75.00	75.00	74.00	74.00	72.00	71.00	71.00
1992	67.00	68.00	66.00	67.00	65.00	65.00	61.00	63.00	61.00	62.00	62.00	63.00
1993	65.00	68.00	72.00	74.00	72.00	71.00	76.00	73.00	72.00	71.00	74.00	77.00
Alfalfa Hay, Baled												
Dollars Per Ton												
1985	77.00	74.00	75.00	74.00	71.00	69.00	65.00	63.00	64.00	61.00	58.00	54.00
1986	52.00	55.00	58.00	51.00	54.00	60.00	58.00	58.00	58.00	58.00	58.00	55.00
1987	61.00	59.00	59.00	59.00	58.00	57.00	57.00	58.00	58.00	63.00	64.00	68.00
1988	65.00	62.00	65.00	66.00	70.00	73.00	80.00	84.00	80.00	83.00	86.00	88.00
1989	86.00	84.00	88.00	88.00	87.00	89.00	91.00	89.00	90.00	92.00	93.00	95.00
1990	95.00	95.00	93.00	90.00	87.00	84.00	85.00	83.00	81.00	80.00	79.00	80.00
1991	80.00	79.00	81.00	79.00	77.00	75.00	75.00	72.00	74.00	73.00	72.00	72.00
1992	68.00	68.00	66.00	67.00	65.00	65.00	61.00	63.00	61.00	62.00	63.00	63.00
1993	65.00	69.00	72.00	74.00	73.00	71.00	76.00	73.00	73.00	72.00	75.00	77.00
All Other Hay, Baled												
Dollars Per Ton												
1985	66.00	67.00	66.00	67.00	65.00	63.00	60.00	58.00	59.00	57.00	58.00	60.00
1986	58.00	59.00	53.00	50.00	54.00	52.00	54.00	56.00	60.00	55.00	59.00	55.00
1987	53.00	56.00	54.00	56.00	56.00	60.00	60.00	58.00	60.00	59.00	61.00	65.00
1988	62.00	60.00	60.00	63.00	65.00	67.00	72.00	76.00	72.00	70.00	72.00	73.00
1989	72.00	73.00	76.00	80.00	83.00	85.00	85.00	86.00	88.00	88.00	89.00	92.00
1990	94.00	94.00	90.00	87.00	84.00	81.00	82.00	80.00	76.00	75.00	76.00	78.00
1991	77.00	75.00	76.00	75.00	74.00	73.00	74.00	77.00	76.00	70.00	67.00	67.00
1992	66.00	63.00	67.00	66.00	67.00	65.00	65.00	67.00	59.00	60.00	60.00	61.00
1993	63.00	64.00	66.00	68.00	67.00	69.00	74.00	72.00	69.00	69.00	71.00	78.00
All Potatoes												
Dollars Per Cwt.												
1985	4.75	4.45	4.65	5.20	5.65	6.55	5.10	3.55	3.00	2.90	2.65	2.20
1986	2.05	2.05	2.00	2.00	2.10	3.25	5.40	6.95	5.15	3.95	3.65	3.50
1987	3.65	3.75	3.80	3.75	5.50	6.65	7.80	5.65	4.15	3.00	2.15	1.65
1988	1.85	1.65	1.60	1.40	1.60	1.80	2.25	5.25	5.90	5.65	5.60	5.30
1989	6.25	6.80	8.35	8.45	8.80	9.80	10.40	6.55	6.30	6.05	5.60	6.00
1990	7.65	8.50	11.00	11.30	8.75	9.10	10.00	8.95	5.65	4.10	3.55	3.80
1991	4.30	4.10	4.00	4.25	4.10	7.75	8.00	4.50	3.65	2.30	2.30	2.00
1992	2.05	2.05	1.60	1.45	1.35	2.75	5.35	5.40	5.50	4.90	4.10	3.65
1993	3.65	3.60	3.75	4.00	4.50	4.15	4.15	4.65	4.50	5.10	5.90	5.55

Prices Received: Monthly averages by commodity, Colorado, 1985-93 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Apples for Fresh Market												
Cents Per Pound												
1985	16.00	16.50	20.00	21.00	...	...	...	...	16.00	13.00	12.00	13.00
1986	12.00	12.00	10.00	...	...	...	...	...	14.70	12.80	12.70	13.70
1987	13.80	...	...	...	...	...	...	8.00	8.50	11.00	11.00	7.50
1988	8.00	...	...	...	...	...	...	...	...	16.00	13.00	12.00
1989	11.00	11.00	9.00	...	...	...	...	...	16.00	12.00	11.00	9.50
1990	22.00	18.00	...	...	...	...	...	...	...	21.00	18.00	19.00
1991	...	...	...	...	...	...	...	...	...	15.00	18.00	19.00
1992	20.00	22.00	...	...	...	...	...	...	...	22.00	21.00	19.00
1993	17.00	16.00	15.00	...	...	...	...	...	...	15.00	19.00	16.00
Beef Cattle												
Dollars Per Cwt.												
1985	62.50	62.60	60.90	59.70	59.30	56.70	54.50	52.10	53.60	57.50	60.30	60.30
1986	56.30	55.90	55.70	53.90	55.70	54.20	57.60	56.30	59.30	59.00	60.20	57.40
1987	59.30	62.90	64.20	68.60	69.20	67.90	66.20	66.00	69.00	67.90	66.40	65.40
1988	67.50	69.80	71.90	73.80	74.10	70.90	65.90	68.70	70.90	73.90	71.80	70.90
1989	74.00	74.40	76.90	76.00	73.30	70.50	71.00	72.70	71.10	72.90	73.20	72.90
1990	77.30	77.90	78.40	79.00	77.30	77.30	76.30	78.90	80.30	80.20	78.80	79.80
1991	78.90	80.10	81.90	81.20	80.10	74.70	73.40	69.50	69.20	73.70	72.10	70.00
1992	71.10	74.70	76.50	76.20	74.50	71.60	72.00	73.00	75.30	75.20	73.90	74.60
1993	79.50	79.30	81.70	82.50	79.40	76.20	73.50	75.50	74.80	73.10	73.80	71.50
Cows												
Dollars Per Cwt.												
1985	42.00	45.60	44.40	40.00	40.00	36.60	34.80	35.60	35.40	33.10	33.30	33.40
1986	35.90	39.50	38.50	33.80	36.00	37.60	37.10	36.50	37.60	36.90	35.90	36.70
1987	42.30	45.10	46.40	45.60	46.50	45.50	44.30	47.00	49.30	46.40	46.00	47.00
1988	47.20	51.60	54.10	52.30	49.80	44.90	47.10	48.60	50.50	47.70	48.50	46.90
1989	50.00	57.60	50.50	53.70	47.50	47.20	46.50	51.20	50.50	48.80	47.50	49.40
1990	53.40	54.00	54.30	54.20	56.70	56.80	55.80	56.10	53.90	50.50	48.80	51.00
1991	51.00	52.70	54.10	55.20	54.90	52.80	52.40	51.90	49.60	51.60	47.60	51.30
1992	52.10	56.30	56.30	56.70	55.40	54.20	56.20	52.60	53.60	49.50	48.10	50.60
1993	53.00	54.50	54.00	56.50	55.70	56.10	55.40	54.60	53.90	49.80	47.50	47.40
Steers and Heifers												
Dollars Per Cwt.												
1985	64.60	63.80	61.90	60.40	60.00	58.00	55.20	52.80	54.40	59.10	62.90	64.10
1986	59.30	57.20	56.80	55.10	57.00	55.50	58.70	57.30	60.20	61.00	62.80	61.10
1987	60.80	63.80	65.00	69.90	70.60	70.00	67.10	67.20	69.90	70.40	68.70	67.20
1988	68.90	70.90	73.10	74.90	76.10	72.20	66.60	69.50	72.00	75.60	75.70	73.80
1989	76.10	75.60	78.70	77.30	75.70	72.60	71.90	74.10	72.80	75.10	77.70	77.30
1990	79.50	79.30	80.00	80.50	78.90	77.80	76.70	79.80	80.90	81.50	83.20	81.60
1991	80.60	81.10	82.80	82.10	80.90	75.50	73.70	69.80	69.60	75.60	74.30	71.40
1992	73.10	77.10	78.50	78.00	76.60	73.30	73.50	74.50	76.70	77.80	77.40	77.90
1993	81.80	81.20	83.50	84.50	81.70	77.30	74.30	76.10	75.90	76.00	76.10	73.60
Calves												
Dollars Per Cwt.												
1985	69.20	70.90	71.20	71.70	69.10	66.20	61.30	57.40	62.60	65.80	66.80	64.20
1986	66.10	67.00	66.90	61.90	60.80	59.80	63.00	63.00	65.80	67.30	66.40	68.10
1987	73.20	77.10	77.80	80.10	79.10	78.40	74.20	80.50	93.80	87.20	89.00	89.10
1988	94.20	97.00	98.30	93.50	94.00	88.70	89.30	88.90	94.20	92.70	91.50	93.40
1989	92.80	97.10	94.60	90.90	87.40	89.70	93.00	99.70	96.10	93.50	91.00	94.30
1990	96.40	100.00	100.00	102.00	103.00	102.00	106.00	101.00	101.00	98.70	100.00	102.00
1991	104.00	107.00	113.00	112.00	114.00	109.00	106.00	100.00	102.00	99.20	98.00	94.70
1992	95.40	101.00	105.00	99.10	97.10	99.70	98.00	102.00	97.30	92.50	94.00	97.70
1993	103.00	104.00	107.00	107.00	107.00	106.00	108.00	100.00	101.00	99.50	98.50	98.30

Prices Received: Monthly averages by commodity, Colorado, 1985-93 (continued)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
Milk Cows for Dairy Herd Replacement ^{1/}												
Dollars Per Head												
1985	960	...	...	970	...	...	930	...	...	890	...	...
1986	910	...	...	850	...	...	850	...	...	860	...	...
1987	920	...	...	980	...	...	1,020	...	...	1,100	...	...
1988	1,080	...	...	1,080	...	...	1,070	...	...	1,020	...	...
1989	1,030	...	...	1,100	...	...	1,100	...	...	1,100	...	...
1990	1,080	...	...	1,100	...	...	1,200	...	...	1,250	...	...
1991	1,180	...	...	1,150	...	...	1,170	...	...	1,150	...	...
1992	1,100	...	...	1,150	...	...	1,200	...	...	1,150	...	...
1993	1,170	...	...	1,200	...	...	1,230	...	...	1,200	...	...
Milk Sold to Plants												
Dollars Per Cwt.												
1985	15.20	15.20	14.80	14.40	13.80	13.10	13.10	13.30	13.60	14.00	14.10	14.00
1986	14.00	13.80	13.60	13.40	13.10	13.00	12.80	13.10	13.60	14.10	14.20	14.10
1987	14.10	13.90	13.90	13.30	12.80	12.70	12.70	13.00	13.60	13.80	13.90	13.80
1988	13.90	13.60	13.30	12.80	11.70	12.20	11.90	12.80	13.50	14.00	14.50	14.80
1989	14.80	14.60	14.10	13.80	13.70	13.70	13.80	14.60	15.20	15.70	16.00	16.60
1990	16.60	15.70	14.90	14.10	14.20	14.20	14.50	14.90	14.90	14.00	13.50	12.10
1991	12.30	12.30	11.90	11.80	11.60	11.80	12.30	12.80	13.40	13.90	14.10	14.20
1992	13.90	13.30	12.90	12.90	13.00	13.50	13.70	13.90	14.10	13.90	13.20	13.00
1993	12.50	12.40	12.30	12.80	13.20	13.20	13.10	12.60	12.80	13.40	14.00	13.90
Sheep												
Dollars Per Cwt.												
1985	23.90	29.00	28.40	18.60	21.70	22.40	23.20	26.90	25.30	20.50	28.40	25.80
1986	32.70	23.90	31.80	23.60	18.40	22.90	23.00	30.40	31.40	27.30	27.70	33.60
1987	33.30	42.40	31.40	29.30	25.70	25.50	25.60	37.80	37.70	28.00	31.30	29.40
1988	35.10	35.80	31.10	29.60	18.20	22.90	24.80	22.20	23.20	23.50	25.10	27.30
1989	41.20	36.70	36.30	30.90	13.80	21.30	22.80	21.60	22.00	23.40	28.10	32.70
1990	36.10	35.90	28.20	22.10	18.40	22.30	24.20	23.00	18.20	17.40	22.70	24.20
1991	24.70	23.50	26.30	24.30	20.30	24.90	23.20	23.50	21.80	18.70	19.50	22.30
1992	24.50	27.90	35.70	30.40	24.70	22.80	25.30	27.30	25.90	24.00	24.90	28.10
1993	29.70	35.70	33.90	27.40	29.30	30.20	29.40	29.90	26.30	23.30	27.00	31.10
Lambs												
Dollars Per Cwt.												
1985	61.50	66.50	68.00	65.00	72.50	70.90	72.40	71.60	70.30	66.70	63.00	58.40
1986	61.30	66.30	61.00	68.90	76.80	73.90	73.10	70.10	67.20	58.60	73.80	71.30
1987	75.60	73.60	78.10	81.80	88.00	84.50	77.60	75.70	73.50	65.00	61.80	74.30
1988	79.60	76.80	74.20	66.20	67.30	59.00	60.60	60.40	65.90	66.40	67.60	66.40
1989	64.60	65.60	70.20	68.70	70.10	70.90	69.40	66.10	65.40	57.10	53.50	53.20
1990	51.00	52.60	63.90	60.90	52.70	53.20	53.50	55.60	56.20	55.90	53.20	50.00
1991	48.60	45.30	50.90	54.40	57.80	57.40	60.70	56.80	55.70	55.30	53.30	53.30
1992	53.20	53.60	62.20	68.30	69.60	67.50	64.60	58.30	58.40	56.30	58.20	65.10
1993	66.10	72.20	78.60	70.60	60.40	51.30	51.10	55.70	65.40	65.10	67.10	68.40
Wool												
Cents Per Pound												
1985	59	66	60	63	62	67	62	64	55	64	63	54
1986	58	63	63	68	72	76	62	70	61	58	69	58
1987	75	93	83	97	98	104	71	82	89	69	89	86
1988	82	115	141	150	155	139	138	100	94	86	113	107
1989	145	148	139	136	138	133	114	144	81	112	71	71
1990	69	74	78	75	80	73	59	73	60	54	44	52
1991	57	58	51	51	51	57	55	48	69	36	46	48
1992	64	66	75	81	86	76	66	53	52	60	56	60
1993	46	58	44	51	48	55	48	48	38	51	48	51

^{1/} Includes springer heifers.

1993 LIVESTOCK REVIEW

SUMMARY - Colorado farmers and ranchers had 2 percent more cattle and calves on hand as of January 1, 1994 and 2 percent fewer sheep and lambs than they did one year earlier. The December 1, 1993 inventory of all hogs and pigs was 10 percent larger than a year earlier while the December 1, 1993 inventory of all chickens was down 3 percent. Colorado ranks 10th in the number of cattle and calves, 4th in the number of sheep and lambs, 19th in the number of all hogs and pigs, and 26th in the number of all chickens. It is also the 4th largest cattle feeding state with marketings of more than 2 million head of fed cattle annually in each of the past 12 years. Colorado is the largest lamb feeding state, and more than 1 million head of sheep and lambs have been slaughtered in the state in each of the last 14 years. Since the closing of a major slaughter plant for hogs in 1988, this is the first year that annual hog slaughter has been above 50,000 head.

The state's dairy industry has been very stable for more than 20 years, with an annual average number of milk cows fluctuating between 70 and 80 thousand head. Bee keepers have had about 50 thousand colonies of bees in the state for the past several years and have produced more than 3 million pounds of honey in each of the last 8 years. The state's trout producers have sold about 2 million fish of various sizes each year since estimates were begun in 1989.

The total inventory value of the cattle, sheep, hogs, and chickens on hand at the beginning of the year (using the January 1 and December 1 reference dates) was \$2.07 billion, up 1 percent from the comparable value of \$2.05 billion one year earlier. Total inventories for cattle and hogs increased and sheep and chickens declined. The value per head decreased for cattle and increased for hogs, sheep, and chickens.

Pasture and range feed conditions were rated fair to mostly good at the beginning of the 1993 grazing season. During May temperatures were generally at or below normal and adequate rainfall improved the June 1 condition rating to good to excellent. Normal or below normal temperatures and rainfall during June improved the condition rating to excellent all month. In the first half of July rainfall declined and normal temperatures prevailed. During the third week of the month severe weather with numerous hail storms struck many areas of the state and condition ratings declined to fair to good and were mostly fair during the month of August. Ratings were fair to good during September, October, and November. Precipitation during the fall varied greatly from district to district and areas with less rainfall were stressed.

CATTLE AND CALVES - The January 1, 1994 inventory of all cattle and calves increased 2 percent from a year earlier to 2.90 million head. The number of cattle and calves in feedlots being fed for the slaughter market increased 1 percent to 1.01 million and accounted for 35 percent of the state's total inventory. During 1993, there were 295 feedlots in operation in Colorado. Those feedlots marketed 2.34 million head of fed cattle for slaughter compared with 2.21 million marketed from 295 lots in 1992. The 18 largest feedlots marketed 66 percent of the annual total in 1993. The number of beef cows increased 3 percent from the previous year to 820,000 while the number of milk cows remained the same as 1993, at 80,000 head.

There were 770,000 heifers 500 pounds and over on hand at the beginning of 1994, up 3 percent from the 750,000 head on hand at the beginning of 1993. Of that total, 150,000 were being kept for beef cow replacement (up 7 percent from last year) and 40,000 head were for milk cow replacement (unchanged from 1993). The remaining 580,000 were other heifers (up 2 percent from the previous year) of which 395,000 were in feedlots for the slaughter market. The January 1, 1994 inventory also included 920,000 head of steers weighing 500 pounds or more (down 1 percent from the previous year) of which 590,000 were in feedlots. The number of bulls weighing 500 pounds or more was unchanged from the previous year at 50,000 head. The number of calves (steers, heifers, and bulls weighing under 500 pounds) was up 8 percent from the previous year to 260,000 head. The 1993 calf crop in Colorado, at 850,000, was 2 percent larger than the 1992 crop of 830,000 head.

Milk production during 1993 was up 3 percent from a year earlier to a new record high of 1.45 billion pounds. This marked the 9th consecutive year of record production. The annual average number of milk cows on hand remained the same as last year at 80 thousand for 1993. Producers obtained a record high production of 18,175 pounds per cow in 1993.

The total inventory value of all cattle and calves in Colorado as of January 1, 1994 was estimated at \$1.99 billion, 1 percent higher than the \$1.97 billion inventory value for January 1, 1993. The average value of \$685 per head represented a decrease of \$5 per head but the increase in inventory more than offset the smaller price to increase total value. The number of operations with cattle at any time during 1993 declined to 13,000 compared with 14,000 in 1992. Beef cow operations were down 500 to 9,500 and the number of milk cow operations remained at 1,500 for 1993.

SHEEP AND LAMBS - The January 1, 1993 inventory of all sheep and lambs in Colorado declined 2 percent from the previous year to 645,000 head. The stock sheep inventory was down 7 percent to 320,000 while the number of sheep and lambs on feed for the slaughter market increased 3 percent to 325,000 head. The number of ewes one year old and older, at 270,000, was down 4 percent from January 1, 1993 and the number of rams and wethers one year old and older remained constant at 9,000. The number of ewe lambs under one year of age declined 24 percent from a year earlier to 34,000 head and the inventory of rams and wethers under one year of age declined 36 percent to 7,000. The 1993 lamb crop of 320,000 head was down 9 percent from 1992 and was 17 percent below the 385,000 born in 1991. There were 2,000 new crop lambs on hand January 1, 1994.

The sheep and lambs on feed estimating program was expanded in 1992 to include placement and marketing data as well as estimates for lambs being fed in dry feedlots and on pasture or crop residue by specific weight groups. Reports are to reflect numbers on feed as of January 1, March 1, and November 1. These data will be included in future bulletins as more years of data are obtained. Of the 430,000 sheep and lambs on feed November 1, 1993, only 5,000 were sheep and the remaining 425,000 were lambs, 417,000 of which were on feed in dry feedlots. On January 1, 1994, the 325,000 head of sheep and lambs on feed consisted of 3,000 sheep and 322,000 lambs of which 320,000 were in dry feedlots. Lamb feeders marketed 200,000 fed lambs during November and December 1993 and placed 110,000 on feed during the same time period. On March 1, 1994, there were no sheep on feed estimated but there were 255,000 lambs on feed of which 245,000 were in feedlots. During January and February 1994, feeders placed 118,000 head of lambs on feed and marketed 180,000 for slaughter.

The January 1, 1994 inventory value of all sheep and lambs in Colorado was estimated at \$49.66 million, up 5 percent from a year earlier. The average value of \$77.00 per head was \$5.00 higher than the previous year which more than offset the smaller inventory. The number of operations with sheep remained the same as last year at 1,800.

HOGS AND PIGS - The December 1, 1993 inventory of all hogs and pigs in Colorado was 450,000 head. This was a 10 percent increase over the December 1, 1992 level. Except for one year, inventories have been increasing since 1987. The breeding hog inventory increased 36 percent from a year earlier to 75,000 head. The market hog inventory of 375,000 head increased 6 percent. The state's total pig crop for 1993, at 877,000, was up 20 percent from the 1992 pig crop of

731,000 head. The December 1992 - May 1993 pig crop was 19 percent above the previous year and the June - November 1993 pig crop was up 21 percent. The number of sows farrowed increased 24 percent from the previous year in both of these two time periods.

The December 1, 1993 inventory value of all hogs and pigs was placed at \$38.25 million, 12 percent higher than a year earlier. The average value of \$85.00 per head was \$2.00 higher than a year earlier. The number of operations with hogs remained at 1,600 for 1993.

CHICKENS AND EGGS - The all chicken inventory in Colorado as of December 1, 1993 totaled 4.04 million birds, down 3 percent from the 4.16 million on hand one year earlier. The number of hens and pullets of laying age declined 5 percent to 3.28 million. Of that total, 1.68 million were hens (down 6 percent) and 1.61 million were laying pullets (down 4 percent). The total inventory also included 353 thousand pullets 3 months or older but not yet of laying age, 337 thousand pullets under 3 months of age, and 67 thousand other chickens. During the period from December 1, 1992 through November 30, 1993, the state's laying flocks produced 837 million eggs, the same production as was recorded a year earlier.

The total inventory value of all chickens was \$8.08 million, up 8 percent from a year earlier. The smaller inventory was more than offset by an 11 percent increase in the inventory value per head. The average value per bird was \$2.00, up 20 cents from the December 1, 1992 average.

BEEES AND HONEY - Honey production in Colorado during 1993 totaled 3.87 million pounds, up 1 percent from the 3.85 million pounds produced in 1992. The number of colonies increased 1 thousand from the previous year to 53,000. The yield per colony dropped from 74 pounds in 1992 to 73 pounds in 1993. The 1993 honey crop was valued at \$2.36 million compared with \$2.27 million for the 1992 crop. Producers received an average of 61 cents per pound for honey sold in 1993, up 2 cents from a year earlier. Producer stocks of honey on hand as of December 15, 1992 totaled 1,161 thousand pounds, 37 percent higher than the 847 thousand pounds on hand one year earlier.

TROUT - There were 30 operations in Colorado during 1993 which had trout sales of \$2.13 million compared with 33 operations with sales of \$2.38 million in 1992. Producers marketed 910 thousand pounds of foodsize, stocker, and fingerling fish during 1993 and received an average price of \$2.34 per pound. That compares with 1.03 million pounds sold in 1992 at an average price of \$2.31 per pound.

Livestock: Inventory by class, Colorado, January 1, 1987-94

Class	1987	1988	1989	1990	1991	1992	1993	1994
	Thousands							
All cattle and calves	2,600	2,800	2,850	2,900	2,750	2,900	2,850	2,900
All cows & heifers that have calved	830	885	880	850	850	900	880	900
Beef cows & heifers	752	812	805	774	773	823	800	820
Milk cows & heifers	78	73	75	76	77	77	80	80
Heifers 500 lbs & over	665	800	790	770	760	770	750	770
For beef cow replacement	109	130	145	140	143	150	140	150
For milk cow replacement	26	35	30	30	30	35	40	40
Other heifers	530	635	615	600	587	585	570	580
Steers 500 lbs & over	665	760	820	900	812	930	930	920
Bulls 500 lbs & over	45	45	45	45	48	50	50	50
Steers, heifers, & bulls under 500 lbs	395	310	315	335	280	250	240	260
Cattle on feed ^{1/}	920	940	885	900	980	930	1,000	1,010
Calf crop, annual	800	815	825	830	840	830	850	...
All sheep and lambs	690	755	825	840	710	710	660	645
Sheep & lambs on feed	310	360	380	385	250	310	315	325
Stock sheep	380	395	445	455	460	400	345	320
Lambs	70	64	77	67	84	68	56	41
Ewes	55	53	64	55	71	56	45	34
Rams & wethers	15	11	13	12	13	12	11	7
Sheep one year & older	310	331	368	388	376	332	289	279
Ewes	300	320	355	375	363	320	280	270
Rams & wethers	10	11	13	13	13	12	9	9
Lamb crop, annual	330	360	400	425	385	350	320	...
All hogs & pigs ^{2/}	190	205	220	230	300	410	410	450
Breeding	26	34	32	35	42	45	55	75
Market	164	171	188	195	258	365	355	375
Under 60 lbs	57	64	70	70	100	125	122	145
60-119 lbs	47	37	48	50	63	85	83	85
120-179 lbs	34	38	42	40	52	80	78	75
180 lbs & over	26	32	28	35	43	75	72	70
Sows farrowed, annual	41	46	49	58	83	84	104	...
December - May	21	23	24	27	41	42	52	...
June - November	20	23	25	31	42	42	52	...
Pig crop, annual	320	377	394	481	685	731	877	...
December - May	164	185	197	220	343	367	438	...
June - November	156	192	197	261	342	364	439	...
All chickens ^{2/}	2,935	3,470	3,986	3,659	4,372	4,640	4,160	4,040
Hens & pullets of laying age	2,600	2,990	3,175	3,126	3,387	3,736	3,460	3,283
Hens	1,470	1,440	1,570	1,100	2,002	2,360	1,790	1,678
Pullets	1,130	1,550	1,605	2,026	1,385	1,376	1,670	1,605
Pullets 3 mos. & older not of laying age ..	124	234	310	193	297	384	250	353
Pullets under 3 mos. old	200	240	498	297	618	480	385	337
Other chickens	11	6	3	43	70	40	65	67

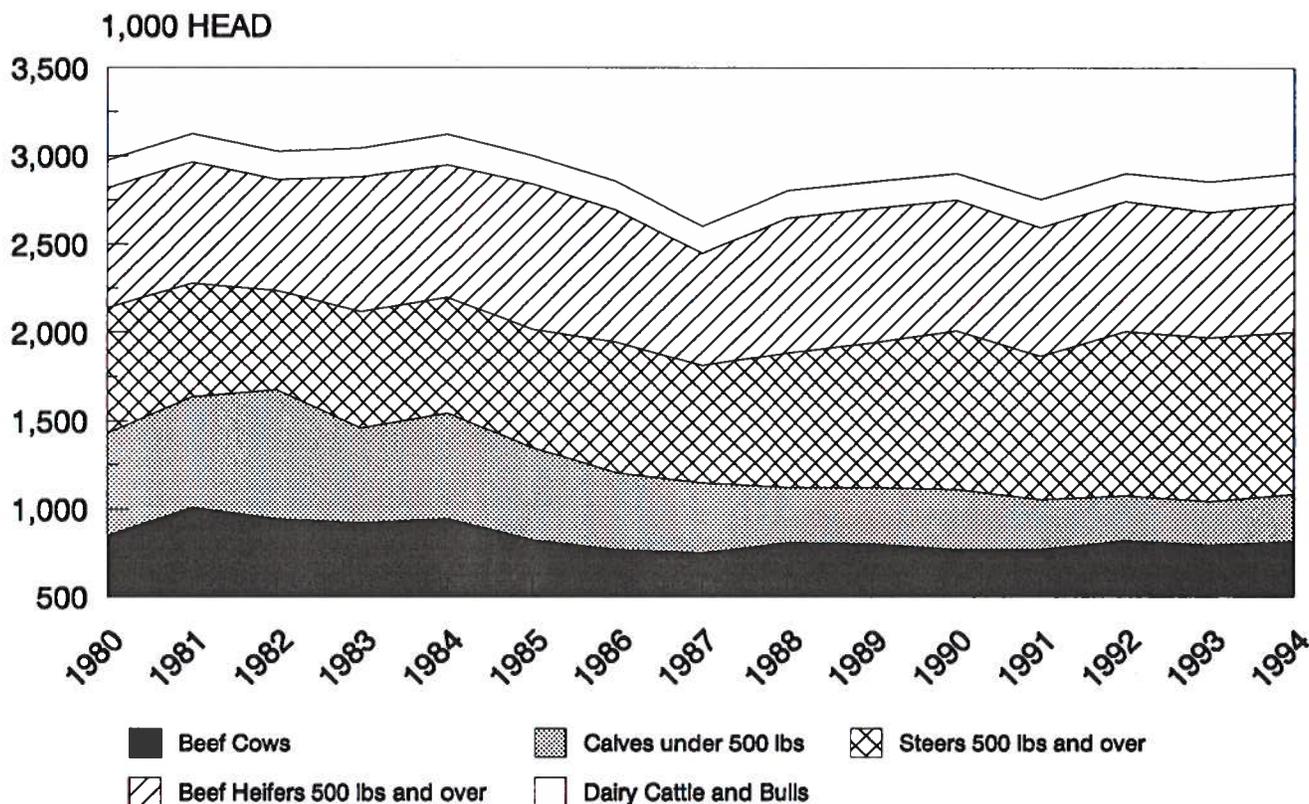
^{1/} Included in other classes.

^{2/} December 1 preceding year.

CATTLE and CALVES

Inventory by class, Colorado

January 1 1980-94

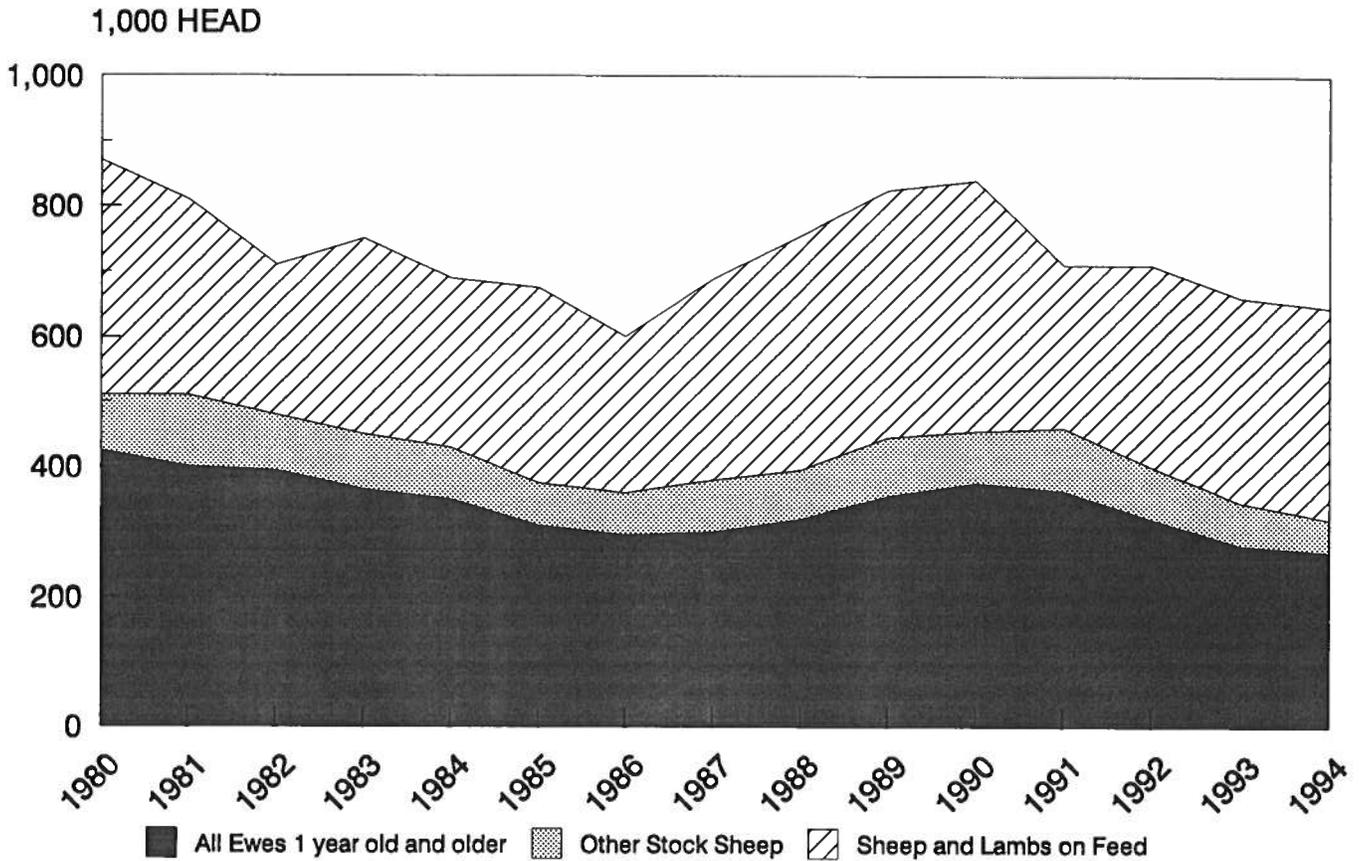


Cattle and Calves: Inventory by class, Colorado, January 1, 1976-94

Year	Total	Cows and heifers that have calved		Heifers 500 lbs. and over			Steers 500 lbs. and over	Bulls 500 lbs. and over	Steers heifers, and bulls under 500 lbs.
		Beef	Milk	Beef cow replacements	Milk cow replacements	Other			
1,000 Head									
1976	3,250	1,040	75	180	40	475	705	60	675
1977	3,030	889	71	136	21	516	712	49	636
1978	3,180	857	72	127	25	579	766	51	703
1979	3,090	843	72	133	28	578	735	46	655
1980	2,975	853	72	180	33	497	711	54	575
1981	3,125	1,009	71	169	31	516	644	60	625
1982	3,025	945	75	233	36	396	560	51	729
1983	3,040	925	75	150	30	610	655	60	535
1984	3,120	946	77	150	31	602	655	66	593
1985	3,000	825	75	140	30	680	670	60	520
1986	2,850	773	82	100	35	645	740	45	430
1987	2,600	752	78	109	26	530	665	45	395
1988	2,800	812	73	130	35	635	760	45	310
1989	2,850	805	75	145	30	615	820	45	315
1990	2,900	774	76	140	30	600	900	45	335
1991	2,750	773	77	143	30	587	812	48	280
1992	2,900	823	77	150	35	585	930	50	250
1993	2,850	800	80	140	40	570	930	50	240
1994	2,900	820	80	150	40	580	920	50	260

SHEEP and LAMBS

Inventory by class, Colorado
January 1, 1980-94



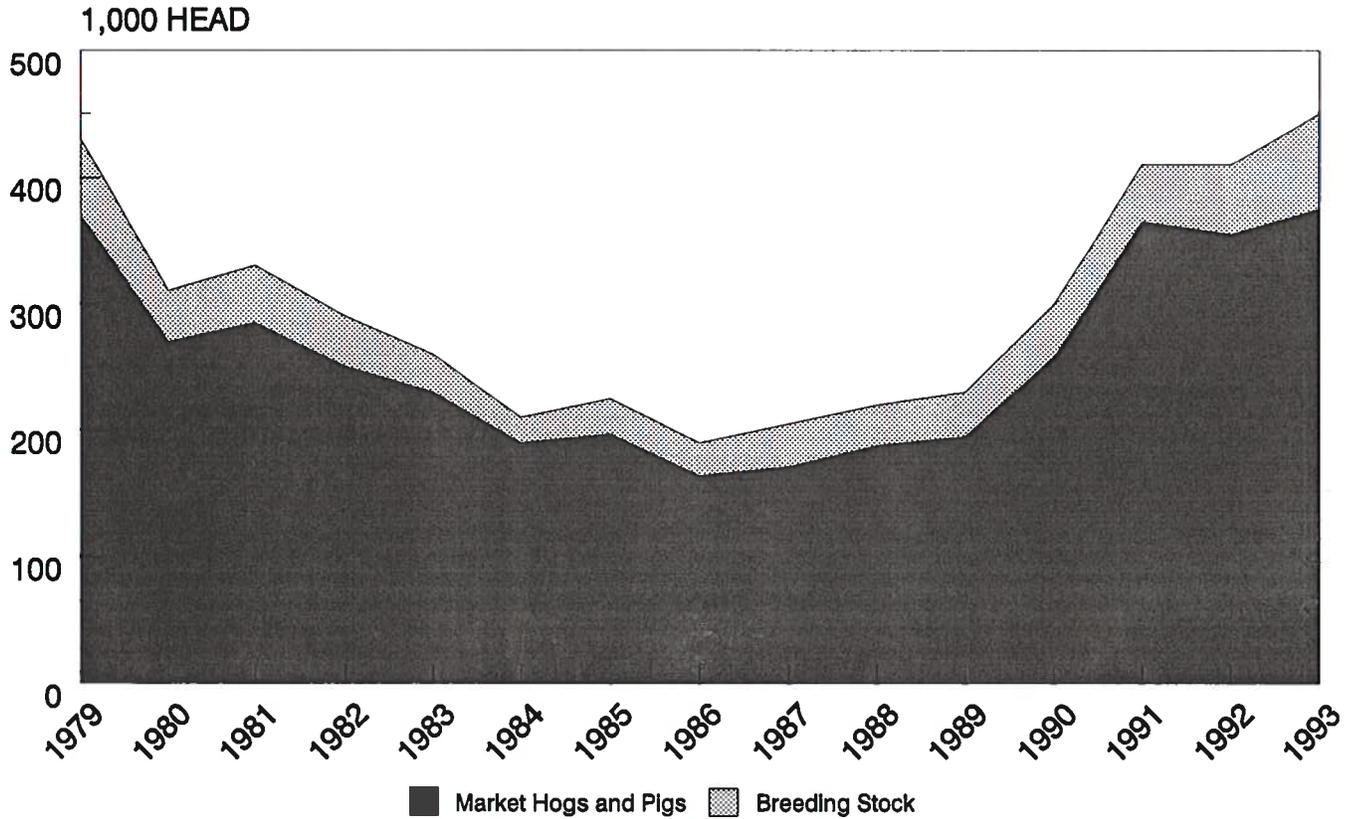
Sheep and Lambs: Inventory by class, Colorado, January 1, 1976-94

Year	All sheep	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		One year and older	
				Ewes	Wethers and rams	Ewes	Wethers and rams
1,000 Head							
1976	920	400	520	47	7	452	14
1977	830	330	500	56	6	426	12
1978	810	360	450	53	6	380	11
1979	795	320	475	64	6	393	12
1980	870	360	510	66	6	425	13
1981	810	300	510	86	11	400	13
1982	710	230	480	58	14	394	14
1983	750	300	450	58	15	365	12
1984	690	260	430	55	15	350	10
1985	675	300	375	45	10	310	10
1986	600	240	360	45	10	295	10
1987	690	310	380	55	15	300	10
1988	755	360	395	53	11	320	11
1989	825	380	445	64	13	355	13
1990	840	385	455	55	12	375	13
1991	710	250	460	71	13	363	13
1992	710	310	400	56	12	320	12
1993	660	315	345	45	11	280	9
1994	645	325	320	34	7	270	9

HOGS and PIGS

Inventory by class, Colorado

December 1, 1979-93



Hogs and Pigs: Inventory by class, Colorado, December 1, 1977-93

Year	Total	Breeding	Marketing			
			Under 60 pounds	60-119 pounds	120-179 pounds	180 lbs & over
1,000 Head						
1977	320	45	115	65	52	43
1978	330	50	116	66	60	38
1979	430	60	130	94	91	55
1980	310	40	100	60	70	40
1981	330	45	95	75	80	35
1982	290	40	95	70	50	35
1983	260	30	75	55	60	40
1984	210	20	60	50	40	40
1985	225	28	75	45	47	30
1986	190	26	57	47	34	26
1987	205	34	64	37	38	32
1988	220	32	70	48	42	28
1989	230	35	70	50	40	35
1990	300	42	100	63	52	43
1991	410	45	125	85	80	75
1992	410	55	122	83	78	72
1993	450	75	145	85	75	70

Hogs: Breeding hogs and pig crop, Colorado, 1983-93

Year	Breeding hogs on farms Dec. 1	Pig Crop					
		December-May			June-November		
		Sows farrowed	Pigs per litter	Pigs saved	Sows farrowed	Pigs per litter	Pigs saved
	1,000 Head	1,000 Head	Number	1,000 Head	1,000 Head	Number	1,000 Head
1983	30	37	7.5	278	28	7.4	207
1984	20	33	8.0	264	19	7.8	148
1985	28	19	7.5	143	25	7.6	190
1986	26	24	7.7	185	19	7.7	146
1987	34	21	7.8	164	20	7.8	156
1988	32	23	8.0	185	23	8.3	192
1989	35	24	8.2	197	25	7.9	197
1990	42	27	8.1	220	31	8.4	261
1991	45	41	8.4	343	42	8.1	342
1992	55	42	8.7	367	42	8.7	364
1993	75	52	8.4	438	52	8.4	439

Sheep: Shipments into Colorado from selected states and Canada, 1987-93

State	1987	1988	1989	1990	1991	1992	1993
	Head						
California	225	6,348	483	146	1,823	82	701
Idaho	199	116	147	5,376	99	1,141	96
Kansas	53	92	187	35	51	126	78
Montana	39,494	63,562	46,877	57,979	93,204	94,869	65,177
Nebraska	669	1,211	837	4,473	1,643	663	270
New Mexico	20,755	10,895	7,562	3,086	14,882	12,084	12,784
North Dakota	31,136	30,936	39,785	31,251	50,754	51,909	32,551
Oklahoma	37	28	199	46	39	112	177
South Dakota	63,169	91,498	59,351	51,642	28,667	31,923	29,392
Texas	22,094	12,605	10,083	9,451	2,618	3,705	24,756
Utah	10,531	12,372	7,978	16,457	6,471	5,614	2,447
Wyoming	90,939	106,132	87,133	75,305	100,350	104,480	112,842
Other states	1,249	1,120	5,393	2,662	2,686	874	1,469
Canada	...	4,794	9,550	14	4,751	4,911	2,474
Total 1/	280,550	341,709	275,565	257,923	308,038	312,493	285,214

1/ Receipts as tabulated from State Veterinarian Health Certificates, including both direct and terminal market receipts.

Wool: Production and value, Colorado, 1983-93 1/

Year	All sheep shorn	Weight per fleece	Production	Price per pound	Total value
	1,000 Head	Pounds	1,000 Pounds	Dollars	1,000 Dollars
1983	1,060	7.3	7,764	.57	4,425
1984	930	7.2	6,690	.78	5,218
1985	815	6.7	5,487	.62	3,402
1986	810	6.6	5,331	.68	3,625
1987	818	6.8	5,572	.93	5,182
1988	960	6.6	6,330	1.40	8,862
1989	824	7.7	6,344	1.34	8,501
1990	770	7.4	5,698	.71	4,046
1991	769	7.4	5,724	.52	2,976
1992	758	7.9	5,954	.74	4,406
1993	725	7.2	5,199	.50	2,600

1/ Includes wool shorn from stock sheep and from sheep and lambs on feed.

Cattle and Calves: Production, disposition and value, Colorado, 1983-93

Year	Calf crop	Inship-ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Cattle	Calves						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1983	900	1,940	2,493	120	5	142	1,529,990	2,692,110	1,652,447	11,302
1984	875	2,000	2,712	125	8	150	1,624,860	2,934,840	1,858,519	11,844
1985	785	2,015	2,682	127	6	135	1,664,770	2,997,780	1,757,131	13,397
1986	785	2,150	2,937	125	3	120	1,750,930	3,290,360	1,878,955	5,549
1987	800	2,260	2,607	125	3	125	1,682,990	2,889,770	1,912,404	7,735
1988	815	2,300	2,825	115	5	120	1,817,550	3,214,800	2,285,961	8,562
1989	825	2,050	2,595	112	3	115	1,791,340	3,039,880	2,232,584	7,225
1990	830	2,180	2,935	107	3	115	1,905,240	3,371,880	2,653,763	6,805
1991	840	2,000	2,485	87	3	115	1,943,700	3,030,460	2,289,889	5,788
1992	830	2,145	2,810	97	3	115	1,761,715	3,118,445	2,317,735	4,920
1993	850	2,195	2,780	102	3	110	1,852,490	3,142,040	2,420,985	5,242

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Sheep and Lambs: Production, disposition and value, Colorado, 1983-93

Year	Lamb crop	Inship-ments	Marketings <u>1/</u>		Farm slaughter	Deaths	Production	Marketings <u>2/</u>	Cash receipts	Value of home consumption
			Sheep	Lambs						
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars	
1983	410	505	94	788	3	90	60,083	102,772	52,976	167
1984	375	425	134	578	3	100	48,358	80,236	42,988	737
1985	350	340	98	575	2	90	49,439	82,662	49,539	166
1986	350	360	92	446	2	80	49,539	67,839	40,725	165
1987	330	380	34	548	3	60	48,751	70,347	50,451	359
1988	360	345	69	517	4	45	55,244	71,580	44,859	377
1989	400	285	70	538	2	60	55,795	74,162	43,481	268
1990	425	260	91	647	2	75	58,219	90,140	45,176	244
1991	385	310	143	480	2	70	52,853	77,380	35,459	242
1992	350	315	130	511	3	71	49,759	79,401	42,260	269
1993	320	290	76	485	2	62	45,961	68,720	40,236	219

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Hogs and Pigs: Production, disposition and value, Colorado, 1983-93

Year	Pig crop (pigs saved)			Inship-ments	Market-ings <u>1/</u>	Farm slaughter	Deaths	Production	Market-ings <u>2/</u>	Cash receipts	Value of home consumption
	Spring	Fall	Total								
	1,000 Head		1,000 Head		1,000 Head		1,000 Pounds		1,000 Dollars		
1983	278	207	485	11	498	3	25	109,800	109,143	52,213	1,583
1984	264	148	412	20	454	2	26	94,759	100,239	48,494	1,111
1985	143	190	333	15	311	5	17	71,621	66,309	29,984	2,075
1986	185	146	331	5	343	1	27	73,549	76,803	39,490	354
1987	164	156	320	19	302	2	20	71,795	68,014	36,638	742
1988	185	192	377	10	342	1	29	78,859	78,373	34,973	210
1989	197	197	394	25	387	1	21	88,763	89,118	39,531	425
1990	220	261	481	30	420	1	20	98,168	94,608	52,848	402
1991	343	342	685	20	559	1	35	142,665	129,980	67,741	750
1992	367	364	731	29	724	1	35	168,135	168,435	73,999	516
1993	438	439	877	23	821	1	38	194,545	191,020	93,259	592

1/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the state.

2/ Liveweight. Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

Livestock slaughter by species, Colorado, 1988-93 1/

Year	Cattle			Calves		
	Number slaughtered	Total liveweight	Average liveweight	Number slaughtered	Total liveweight	Average liveweight
	Head	1,000 Pounds	Pounds	Head	1,000 Pounds	Pounds
1988	2,248,800	2,540,959	1,130	100	17	216
1989	2,182,500	2,541,506	1,165	2/	2/	2/
1990	2,078,600	2,362,876	1,137	100	23	216
1991	2,235,600	2,634,504	1,178	2/	2/	2/
1992	2,451,500	2,938,124	1,199	2/	2/	2/
1993	2,441,000	2,915,435	1,194	2/	2/	2/

Year	Sheep and Lambs			Hogs		
	Number slaughtered	Total liveweight	Average liveweight	Number slaughtered	Total liveweight	Average liveweight
	Head	1,000 Pounds	Pounds	Head	1,000 Pounds	Pounds
1988	1,279,100	171,273	134	152,500	35,420	232
1989	1,685,000	227,866	135	35,300	8,261	234
1990	1,558,200	219,328	141	34,000	7,798	229
1991	1,559,000	219,110	141	37,900	8,939	236
1992	1,623,700	224,639	138	48,500	11,405	235
1993	1,564,100	219,249	140	51,600	12,594	244

1/ Excludes farm slaughter.

2/ Less than 50 head.

Livestock slaughter by species, by month, Colorado, 1988-93 1/

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
1,000 Head												
Cattle												
1988	198.5	195.0	196.5	178.3	172.5	197.7	199.9	211.5	203.4	178.2	150.1	167.2
1989	177.5	169.2	176.8	166.0	189.9	197.0	191.3	205.5	186.4	187.6	167.9	167.5
1990	193.3	175.1	188.7	162.1	195.1	192.2	186.7	193.2	164.4	174.5	129.2	124.0
1991	167.2	163.0	162.0	174.3	202.6	208.5	216.4	210.5	188.2	200.6	165.1	177.1
1992	215.0	195.1	204.0	195.1	202.2	225.3	221.5	205.8	213.1	207.0	177.9	189.5
1993	202.8	190.1	213.7	195.3	188.1	235.3	220.5	212.5	210.8	198.6	176.8	196.5
Calves												
1988	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1989	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1990	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1991	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1992	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
1993	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/	2/
Sheep and Lambs												
1988	97.9	97.2	134.9	97.4	98.3	103.0	83.3	97.1	109.0	107.2	108.3	145.4
1989	129.4	126.5	155.0	128.8	152.8	135.0	121.7	128.3	141.3	156.8	157.7	151.7
1990	153.7	119.9	146.8	143.8	152.4	121.3	112.6	114.6	115.3	130.9	124.3	122.6
1991	141.5	124.8	140.4	120.1	127.3	111.0	132.3	125.2	130.3	141.7	126.1	138.1
1992	137.7	134.0	148.7	156.0	116.8	128.3	124.1	106.1	141.8	139.7	133.3	157.3
1993	132.1	123.1	142.9	141.2	125.3	148.3	115.4	116.9	124.8	120.9	130.7	142.5
Hogs												
1988	34.3	30.8	25.2	20.9	19.8	3.8	2.2	3.7	3.0	2.9	2.9	3.0
1989	3.0	2.0	2.9	2.6	2.8	2.8	3.2	4.4	3.2	3.0	2.8	2.7
1990	2.9	2.4	2.5	2.3	2.5	2.4	2.8	4.2	3.2	3.3	2.9	2.7
1991	2.7	2.5	2.7	2.7	2.6	2.5	3.0	4.7	3.7	3.5	3.4	3.9
1992	3.9	3.3	3.5	3.7	3.3	3.5	3.7	5.6	5.0	4.6	4.0	4.4
1993	3.8	3.5	4.2	3.9	3.7	4.0	4.4	6.0	5.1	4.4	4.3	4.4

1/ Excludes farm slaughter.

2/ Less than 50 head.

Stocker and Feeder Cattle: Shipments into Colorado from other states and countries, 1986-93 1/

State	1986	1987	1988	1989	1990	1991	1992	1993
Head								
Alabama	23,656	21,369	18,824	14,786	19,588	14,475	11,479	7,570
Arizona	49,618	27,436	32,200	20,790	38,251	32,921	41,880	62,473
Arkansas	17,831	28,840	38,378	27,145	24,587	23,943	19,097	19,046
California	115,007	100,201	79,507	63,733	90,417	82,496	104,814	117,121
Idaho	110,261	64,033	57,345	65,795	53,787	57,747	74,216	62,527
Iowa	20,967	6,451	10,046	9,522	11,545	8,985	3,176	3,583
Kansas	137,491	197,790	234,341	260,064	259,709	265,670	232,415	249,405
Kentucky	32,301	40,415	42,598	41,363	66,109	46,669	55,546	56,681
Mississippi	13,445	22,985	19,374	28,591	32,033	37,524	25,210	25,696
Missouri	34,872	42,864	44,110	35,429	35,819	20,759	21,501	20,847
Montana	124,006	117,672	132,235	93,408	111,342	101,223	146,095	116,657
Nebraska	142,641	159,155	183,821	177,848	161,561	112,165	139,499	120,012
Nevada	37,382	46,408	33,544	51,276	29,998	41,724	34,868	27,002
New Mexico	92,373	110,656	92,925	61,061	62,699	119,190	131,434	168,223
North Dakota	51,386	43,985	53,876	32,696	28,454	14,847	38,926	34,978
Oklahoma	212,842	240,763	263,813	258,114	276,161	259,145	268,329	261,466
Oregon	60,805	23,261	18,315	32,306	26,282	22,010	20,954	23,103
South Dakota	53,509	44,476	66,645	44,433	49,091	39,484	60,577	59,488
Tennessee	39,363	46,636	16,667	2,616	9,758	7,987	8,589	5,188
Texas	307,701	421,744	409,965	315,805	345,056	292,432	237,614	277,458
Utah	108,510	106,099	99,569	109,869	96,647	83,159	108,085	121,872
Washington	9,286	4,891	2,609	2,263	1,159	1,547	1,774	3,991
Wyoming	287,023	292,422	318,789	240,068	233,215	220,946	248,245	238,259
Other states	12,396	15,828	12,108	20,021	39,377	24,599	29,469	32,795
Canada	17,673	133	971	15,640	34,915	34,983	49,140	59,580
Mexico	13,447	11,335	3,211	8,894	21,782	11,864	15,126	4,077
Total	2,125,792	2,237,848	2,285,796	2,033,536	2,159,342	1,978,494	2,128,058	2,179,098

1/ Receipts as tabulated from State Veterinarian Health Certificates; includes both direct and terminal market receipts but excludes any cattle going to slaughter market or plants.

Feedlots: Number by size of feedlot, Colorado, 1983-93

Feedlot capacity	Number of lots										
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Number											
Under 1,000 head	135	179	154	130	140	133	130	119	119	120	118
1,000-1,999	70	62	57	55	50	51	49	54	60	61	62
2,000-3,999	65	55	59	55	55	48	54	50	49	48	51
4,000-7,999	31	25	23	24	30	29	29	27	32	31	28
8,000-15,999	27	23	20	18	16	16	14	18	19	17	18
16,000-31,999	13	10	11	12	11	9	10	9	9	10	11
32,000 and over	9	6	6	6	8	9	9	8	7	8	7
Total all feedlots	350	360	330	300	310	295	295	285	295	295	295

Fed Cattle Marketings: Number marketed by size of feedlot, Colorado, 1983-93

Feedlot capacity	Marketed for slaughter										
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
1,000 Head											
Under 1,000 head	135	110	85	70	45	45	35	40	40	35	40
1,000-1,999	112	88	105	115	90	95	75	70	70	75	70
2,000-3,999	247	241	230	225	200	185	205	180	130	130	160
4,000-7,999	247	220	230	295	265	265	250	250	240	240	260
8,000-15,999	292	373	295	270	310	260	210	290	360	240	265
16,000-31,999	382	417	340	415	445	325	425	325	290	400	420
32,000 and over	850	761	825	900	895	1,210	1,100	1,030	1,040	1,090	1,125
Total all feedlots	2,265	2,210	2,110	2,290	2,250	2,385	2,300	2,185	2,170	2,210	2,340

Cattle and Calves: Number on feed, placements, marketings and other disappearance, by month, Colorado, 1984-94 ^{1/}

Month	Year										
	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
	1,000 Head										
January											
Number on feed, January 1	980	1,000	935	920	940	885	900	980	930	1,000	1,010
Placed on feed during January	150	155	160	170	170	180	210	160	160	185	170
Marketed during January	190	240	220	270	240	230	220	215	195	225	225
Other disappearance during January	10	15	10	10	5	10	10	10	10	10	5
February											
Number on feed, February 1	930	900	865	810	865	825	880	915	885	950	950
Placed on feed during February	170	160	170	175	185	230	170	180	210	155	165
Marketed during February	235	200	210	200	245	225	210	190	205	200	190
Other disappearance during February	15	10	10	10	15	15	10	10	10	5	5
March											
Number on feed, March 1	850	850	815	775	790	815	830	895	880	900	920
Placed on feed during March	230	170	215	195	250	315	250	230	230	225	225
Marketed during March	200	175	220	195	210	205	175	180	190	210	195
Other disappearance during March	20	15	10	10	15	10	5	15	10	5	10
April											
Number on feed, April 1	860	830	800	765	815	915	900	930	910	910	940
Placed on feed during April	175	180	170	210	185	190	155	175	165	140	165
Marketed during April	190	175	200	165	170	165	160	180	180	170	170
Other disappearance during April	25	10	10	10	10	15	10	10	15	10	5
May											
Number on feed, May 1	820	825	760	800	820	925	885	915	880	870	930
Placed on feed during May	220	180	165	220	275	185	150	190	180	195	...
Marketed during May	185	175	170	135	180	180	170	170	165	175	...
Other disappearance during May	35	15	15	15	15	15	10	10	5	10	...
June											
Number on feed, June 1	820	815	740	870	900	915	855	925	890	880	...
Placed on feed during June	125	105	105	95	120	110	110	115	110	155	...
Marketed during June	150	150	180	190	190	180	185	170	175	205	...
Other disappearance during June	15	10	5	15	5	10	10	10	5	10	...
July											
Number on feed, July 1	780	760	660	760	825	835	770	860	820	820	...
Placed on feed during July	133	105	155	100	95	100	120	125	115	180	...
Marketed during July	175	180	210	210	210	200	210	180	200	215	...
Other disappearance during July	8	5	5	10	5	5	5	5	5	5	...
August											
Number on feed, August 1	730	680	600	640	705	730	675	800	730	780	...
Placed on feed during August	180	130	175	200	190	165	200	135	155	210	...
Marketed during August	205	185	200	210	230	235	195	195	190	210	...
Other disappearance during August	5	10	5	5	5	5	5	10	5	10	...
September											
Number on feed, September 1	700	615	570	625	660	655	675	730	690	770	...
Placed on feed during September	310	300	336	405	355	280	305	240	355	325	...
Marketed during September	175	170	190	195	215	180	185	190	200	200	...
Other disappearance during September	10	5	1	5	5	5	5	10	5	5	...
October											
Number on feed, October 1	825	740	715	830	795	750	790	770	840	890	...
Placed on feed during October	350	400	380	335	280	345	350	330	310	285	...
Marketed during October	190	170	150	175	165	190	180	185	185	190	...
Other disappearance during October	10	10	10	10	10	5	10	10	5	5	...
November											
Number on feed, November 1	975	960	935	980	900	900	950	905	960	990	...
Placed on feed during November	220	170	185	165	210	220	225	195	195	230	...
Marketed during November	160	150	150	135	140	150	150	165	160	180	...
Other disappearance during November	15	10	10	15	15	10	15	10	5	10	...
December											
Number on feed, December 1	1,020	970	960	995	955	960	1,010	925	990	1,020	...
Placed on feed during December	150	115	160	125	140	110	125	160	180	160	...
Marketed during December	155	140	190	170	190	160	145	150	165	160	...
Other disappearance during December	15	10	10	10	20	10	10	5	5	10	...

^{1/} Includes death losses, movement from feedlots to pastures, and shipments to other feedlots for further feeding.

Cattle: Number on feed by class, by quarter, Colorado, 1988-94

Year/Month	Number on feed	Classes of cattle on feed			Placements during past 3 months	Marketings during past 3 months	Other disappearance during past 3 months	
		Steers and steer calves	Heifers and heifer calves	Cows and others				
Thousand Head								
1988	January 1	940	500	435	5	625	490	35
	April 1	815	460	352	3	605	695	35
	July 1	825	460	362	3	580	540	30
	October 1	795	424	370	1	640	655	15
1989	January 1	885	458	420	7	630	495	45
	April 1	915	537	374	4	725	660	35
	July 1	835	420	409	6	485	525	40
	October 1	750	377	371	2	545	615	15
1990	January 1	900	526	370	4	675	500	25
	April 1	900	544	355	1	630	605	25
	July 1	770	426	341	3	415	515	30
	October 1	790	442	347	1	625	590	15
1991	January 1	980	575	400	5	700	475	35
	April 1	930	590	335	5	570	585	35
	July 1	860	495	360	5	480	520	30
	October 1	770	468	299	3	500	565	25
1992	January 1	930	551	361	18	685	500	25
	April 1	910	560	335	15	600	590	30
	July 1	820	495	295	30	455	520	25
	October 1	840	520	285	35	625	590	15
1993	January 1	1,000	600	380	20	685	510	15
	April 1	910	575	325	10	565	635	20
	July 1	820	435	355	30	490	550	30
	October 1	890	560	320	10	715	625	20
1994	January 1	1,010	590	395	25	675	530	25
	April 1	940	595	335	10	560	610	20

Steers and Heifers: Number on feed by weight group, by quarter, Colorado, 1988-93 1/

Year/Month	Steers					Heifers				
	Under 500 lbs.	500-699 lbs.	700-899 lbs.	900-1099 lbs.	1100 lbs. and over	Under 500 lbs.	500-699 lbs.	700-899 lbs.	900 lbs. and over	
Thousand Head										
1988	January 1	7	81	116	208	88	8	84	153	190
	April 1	9	40	233	147	31	15	65	172	100
	July 1	3	26	112	255	64	5	28	175	154
	October 1	10	27	184	150	53	1	71	176	122
1989	January 1	4	58	103	184	109	4	43	124	249
	April 1	8	53	252	159	65	3	74	189	108
	July 1	1	32	91	227	69	2	42	154	211
	October 1	4	31	115	160	67	2	34	216	119
1990	January 1	2	90	162	156	116	3	76	108	183
	April 1	4	46	254	207	33	2	79	204	70
	July 1	10	34	139	180	63	3	36	151	151
	October 1	5	63	147	170	57	4	51	170	122
1991	January 1	13	105	132	192	133	7	95	119	179
	April 1	6	59	242	219	64	4	50	200	81
	July 1	2	35	115	209	134	1	25	146	188
	October 1	1	45	134	178	110	2	32	121	144
1992	January 1	11	89	190	183	78	9	63	153	136
	April 1	10	55	320	130	45	2	53	220	60
	July 1	10	15	235	180	55	2	20	175	98
	October 1	12	45	235	175	53	3	35	177	70
1993	January 1	5	70	245	200	80	3	60	180	137
	April 1	10	45	265	190	65	3	55	165	102
	July 1	8	30	180	165	52	2	29	195	129
	October 1	9	53	225	190	83	4	39	175	102

1/ Estimates discontinued January 1994.

Milk cows and milk production by month/quarter, Colorado, 1985-93 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Annual total
Average number of milk cows													
Thousand													
1985	75	75	75	76	77	78	78	78	79	80	81	82	78
1986	81	...	...	81	...	...	80	...	...	79	80
1987	78	...	...	77	...	...	76	...	...	75	77
1988	74	...	...	74	...	...	74	...	...	75	74
1989	75	...	...	75	...	...	76	...	...	77	76
1990	77	...	...	77	...	...	77	...	...	77	77
1991	77	...	...	78	...	...	77	...	...	77	77
1992	79	...	...	80	...	...	79	...	...	80	80
1993	80	...	...	80	...	...	81	...	...	80	80
Milk production per cow 2/													
Pounds													
1985	1,090	1,000	1,150	1,175	1,240	1,225	1,295	1,260	1,200	1,210	1,160	1,180	14,167
1986	1,250	...	...	3,810	...	...	3,810	...	...	3,650	14,850
1987	3,730	...	...	4,050	...	...	4,120	...	...	4,055	15,481
1988	3,970	...	...	4,190	...	...	4,270	...	...	4,090	16,581
1989	4,040	...	...	4,360	...	...	4,300	...	...	4,155	16,803
1990	4,180	...	...	4,360	...	...	4,350	...	...	4,285	17,182
1991	4,220	...	...	4,425	...	...	4,325	...	...	4,310	17,338
1992	4,330	...	...	4,500	...	...	4,520	...	...	4,460	17,700
1993	4,425	...	...	4,640	...	...	4,605	...	...	4,450	18,175
Milk production 2/													
Million Pounds													
1985	82	75	86	89	95	96	101	98	95	97	94	97	1,105
1986	289	...	...	309	...	...	305	...	...	285	1,188
1987	287	...	...	304	...	...	305	...	...	296	1,192
1988	294	...	...	310	...	...	316	...	...	307	1,227
1989	303	...	...	327	...	...	327	...	...	320	1,277
1990	322	...	...	336	...	...	335	...	...	330	1,323
1991	325	...	...	345	...	...	333	...	...	332	1,335
1992	342	...	...	360	...	...	357	...	...	357	1,416
1993	354	...	...	371	...	...	373	...	...	356	1,454

1/ Quarterly estimates are as follows: Jan.-March; April-June; July-Sept.; Oct.-Dec. Milk cows are the average for the quarter; milk production is total for the quarter; production per cow for the quarter is derived by dividing total production by average number of cows for the quarter.
2/ Excludes milk sucked by calves.

Milk cows, milk, and milkfat production, Colorado, 1985-93

Year	Number of milk cows on farms 1/	Production per milk cow 2/		Percentage of milkfat in milk	Total production on farms	
		Milk	Milkfat		Milk	Milkfat
		Thousands	Pounds		Pounds	Million Pounds
1985	78	14,167	517	3.65	1,105	40
1986	80	14,850	545	3.67	1,188	44
1987	77	15,481	568	3.67	1,192	44
1988	74	16,581	613	3.70	1,227	45
1989	76	16,803	620	3.69	1,277	47
1990	77	17,182	627	3.65	1,323	48
1991	77	17,338	635	3.66	1,335	49
1992	80	17,700	646	3.65	1,416	52
1993	80	18,175	660	3.63	1,454	53

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Excludes milk sucked by calves.

Milk disposition and cash receipts, Colorado, 1983-93

Year	Milk used on farms where produced			Milk and cream sold to plants and dealers		
	Fed to calves	Used in the farm household for milk, cream and butter	Total	Quantity	Price per 100 lbs.	Cash receipts
	Million Pounds				Dollars	1,000 Dollars
1983	43	12	55	902	14.90	134,398
1984	43	10	53	874	14.80	129,352
1985	42	10	52	1,025	14.00	143,500
1986	43	11	54	1,105	13.50	149,175
1987	39	8	47	1,115	13.40	149,410
1988	34	8	42	1,155	13.20	152,460
1989	39	19	58	1,189	14.70	174,783
1990	44	8	52	1,240	14.50	179,800
1991	50	15	65	1,238	12.70	157,226
1992	41	16	57	1,321	13.40	177,014
1993	46	15	61	1,353	13.00	175,890

Year	Milk sold directly to consumers ^{1/}			Combined marketings of milk and cream				Value of products consumed on farms where produced ^{3/}	Gross farm income from dairy products ^{4/}
	Quantity	Price per quart	Cash receipts	Milk utilized	Average returns ^{2/}		Cash receipts		
					Per 100 lbs. milk	Per lb. milkfat			
	Million Quarts	Cents	1,000 Dollars	Million Pounds	Dollars	Dollars	1,000 Dollars	1,000 Dollars	
1983	14.0	53.0	7,395	932	15.21	4.26	141,793	1,826	143,619
1984	13.5	53.0	7,149	903	15.12	4.18	136,501	1,512	138,012
1985	13.0	52.0	6,772	1,053	14.27	3.91	150,272	1,427	151,699
1986	13.5	50.0	6,744	1,134	13.75	3.75	155,919	1,512	157,432
1987	14.0	56.0	7,814	1,145	13.73	3.74	157,224	1,099	158,322
1988	14.0	59.0	8,233	1,185	13.56	3.67	160,693	1,085	161,777
1989	14.0	62.0	8,651	1,219	15.05	4.08	183,434	2,859	186,293
1990	14.4	60.0	8,651	1,271	14.83	4.06	188,451	1,186	189,637
1991	14.9	60.0	8,930	1,270	13.08	3.57	166,156	1,962	168,119
1992	17.7	70.0	12,372	1,359	13.94	3.82	189,386	2,230	191,616
1993	18.6	72.0	13,395	1,393	13.59	3.74	189,285	2,038	191,324

^{1/} Sales directly to consumers by producers. Also includes milk produced by institutional herds.

^{2/} Cash receipts divided by milk or milkfat represented in combined marketings.

^{3/} Valued at average returns per 100 pounds of milk listed under combined marketings of milk and cream.

^{4/} From marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

Dairy Products: Quantities manufactured, Colorado, 1983-93

Year	Cottage cheese			Frozen products						
	Lowfat	Curd	Creamed	Ice cream		Ice milk		Milk sherbet		Water ices
				Mix	Product	Mix	Product	Mix	Product	
	1,000 Pounds			1,000 Gallons						
1983	6,663	12,500	13,902	5,192	10,120	3,668	5,566	330	497	522
1984	6,907	12,227	12,869	4,883	9,592	3,605	5,407	287	448	347
1985	6,620	11,069	12,184	4,943	9,763	3,937	5,831	280	425	418
1986	7,157	11,000	11,146	5,298	10,335	4,103	6,125	219	314	478
1987	7,735	11,215	10,502	5,430	9,948	3,812	5,672	231	321	486
1988	9,837	13,151	12,272	5,497	10,287	5,011	8,125	273	401	268
1989	11,743	13,085	11,232	5,611	10,643	4,220	6,603	318	430	316
1990	9,204	12,705	12,978	5,384	10,781	4,225	6,892	278	389	481
1991	8,972	12,352	12,166	5,717	11,252	3,940	6,553	267	403	526
1992	8,471	10,935	9,974	5,286	10,414	4,223	7,162	245	628	351
1993	6,442	8,553	8,883	5,393	10,398	4,078	6,865	269	374	495

Bees and honey, Colorado, 1963-93 ^{1/}

Year	Number of Colonies	Yield per Colony	Production	Producer Stocks	Avg. Price Per Pound	Value of Production
	1,000	Pounds	1,000 Pounds		Dollars	1,000 Dollars
1963	58	80	4,640	1,392	.172	798
1964	54	80	4,320	1,814	.172	743
1965	54	68	3,672	1,579	.164	602
1966	53	82	4,346	1,825	.165	717
1967	51	42	2,142	600	.166	356
1968	46	41	1,886	773	.181	341
1969	45	70	3,150	1,292	.188	592
1970	42	68	2,856	942	.170	486
1971	40	55	2,200	330	.224	493
1972	37	71	2,627	578	.315	828
1973	35	54	1,890	529	.445	841
1974	36	81	2,916	904	.552	1,610
1975	39	67	2,613	1,045	.566	1,479
1976	41	61	2,501	450	.485	1,213
1977	41	67	2,747	769	.523	1,437
1978	41	67	2,747	604	.558	1,533
1979	39	67	2,613	523	.606	1,583
1980	45	52	2,340	468	.640	1,498
1981	41	62	2,542	458	.670	1,703
1982	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1983	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1984	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1985	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}	^{1/}
1986	41	78	3,198	480	.540	1,727
1987	44	73	3,212	96	.680	2,184
1988	48	83	3,984	837	.550	2,191
1989	50	66	3,300	495	.540	1,782
1990	55	64	3,520	845	.660	2,323
1991	50	79	3,950	514	.630	2,489
1992	52	74	3,848	847	.590	2,270
1993	53	73	3,869	1,161	.610	2,360

^{1/} Estimates discontinued 1982; resumed in 1986.

Trout: Operations, sales and value, Colorado, 1989-93

Item	Unit	1989	1990	1991	1992	1993
Number of Operations	Number	33	28	26	33	30
Total Sales	1,000 Dollars	1,943	2,167	2,370	2,375	2,134
Foodsize: ^{1/}						
Number Sold	Thousands	275	368	325	305	397
Pounds Sold	Thousands	289	421	425	310	349
Value Per Pound	Dollars	2.30	2.39	2.38	2.39	2.26
Total Value of Sales	1,000 Dollars	666	1,005	1,013	740	790
Stockers: ^{2/}						
Number Sold	Thousands	1,056	1,205	1,078	1,475	1,313
Pounds Sold	Thousands	498	480	533	695	545
Value Per Pound	Dollars	2.36	2.09	2.17	2.14	2.25
Total Value of Sales	1,000 Dollars	1,176	1,004	1,157	1,487	1,224
Fingerlings: ^{3/}						
Number Sold	Thousands	536	1,009	835	610	642
Pounds Sold	Thousands	19	33	35	23	16
Value Per Pound	Dollars	5.32	4.79	5.71	6.43	7.44
Total Value of Sales	1,000 Dollars	101	158	200	148	119

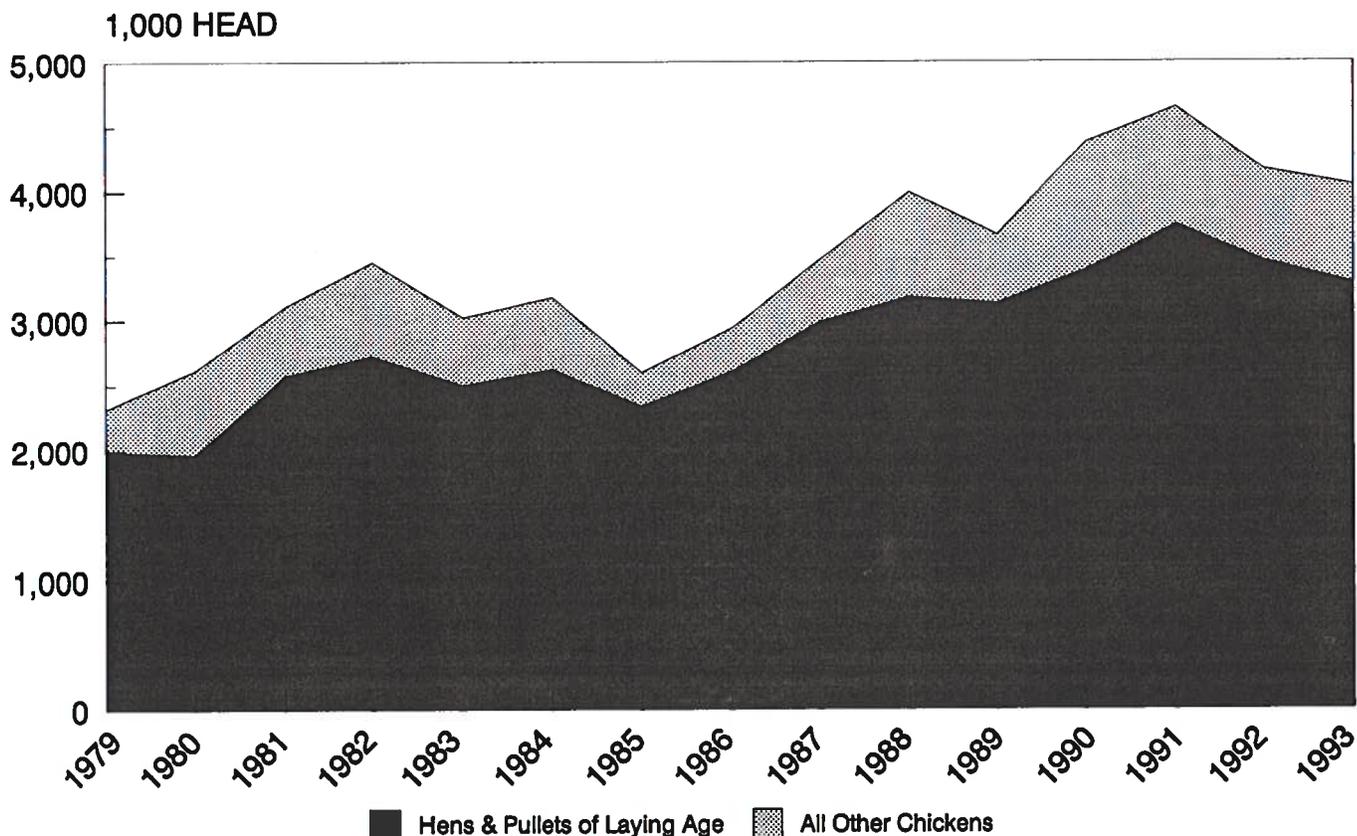
^{1/} Defined as fish being 12 inches or longer.

^{2/} Defined as fish being from 6-12 inches in length.

^{3/} Defined as fish being from 2-6 inches in length.

CHICKENS

Inventory by class, Colorado
December 1, 1979-93



Chickens: Inventory by class and total value, Colorado, December 1, 1978-93

Year	Hens and pullets of laying age			Pullets not of laying age		Other chickens	All chickens		
	Hens	Pullets	Total	3 mo. old or older	Under 3 mo.		Number	Value per head	Total value
	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	1,000 Head	Dollars	1,000 Dollars
1978	1,100	1,280	2,380	240	340	10	2,970	1.60	4,752
1979	812	1,178	1,990	117	194	14	2,315	2.20	5,093
1980	860	1,105	1,965	351	270	24	2,610	1.80	4,698
1981	1,440	1,130	2,570	286	213	31	3,100	2.60	8,060
1982	1,370	1,355	2,725	330	365	30	3,450	1.75	6,038
1983	1,800	700	2,500	210	285	25	3,020	2.05	6,191
1984	1,020	1,600	2,620	240	300	15	3,175	1.85	5,874
1985	1,150	1,185	2,335	75	172	13	2,595	1.75	4,541
1986	1,470	1,130	2,600	124	200	11	2,935	1.35	3,962
1987	1,440	1,550	2,990	234	240	6	3,470	1.45	5,032
1988	1,570	1,605	3,175	310	498	3	3,986	1.60	6,378
1989	1,100	2,026	3,126	193	297	43	3,659	2.25	8,233
1990	2,002	1,385	3,387	297	618	70	4,372	1.80	7,870
1991	2,360	1,376	3,736	384	480	40	4,640	1.90	8,816
1992	1,790	1,670	3,460	250	385	65	4,160	1.80	7,488
1993	1,678	1,605	3,283	353	337	67	4,040	2.00	8,080

Chickens: Number lost, number sold and value of sales, Colorado, 1984-93

Year	Number lost	Number sold	Pounds	Price per lb.	Value
	1,000 Head	1,000 Head	1,000 Pounds	Cents	1,000 Dollars
1984	280	2,415	8,694	15.0	1,304
1985	280	1,925	6,738	11.0	741
1986	274	1,000	4,500	11.0	495
1987	235	1,690	7,943	12.0	953
1988	250	1,840	7,912	13.0	1,029
1989	325	2,040	11,424	16.0	1,828
1990	390	2,080	9,360	12.0	1,123
1991	420	2,270	9,988	11.0	1,099
1992	440	2,240	8,960	10.0	896
1993	440	2,180	8,720	10.0	872

Layers and egg production, Colorado, 1984-93

Year	Average number of layers				Number of eggs produced			
	Dec. 1/ Feb.	March - May	June - Aug.	Sept. - Nov.	Dec. 1/ Feb.	March - May	June - Aug.	Sept. - Nov.
	Thousands				Millions			
1984	2,601	2,720	2,770	2,711	151	160	164	162
1985	2,532	2,440	2,303	2,268	147	140	140	141
1986	2,393	2,399	2,410	2,530	138	143	147	147
1987	2,545	2,625	2,795	2,910	146	154	163	178
1988	2,999	3,018	3,045	3,103	195	200	198	191
1989	3,237	3,294	3,255	3,173	199	213	210	202
1990	3,110	3,135	3,110	3,215	196	198	194	200
1991	3,328	3,449	3,531	3,585	205	218	226	224
1992	3,738	3,518	3,322	3,403	231	208	192	206
1993	3,487	3,490	3,434	3,342	207	206	211	213

1/ December of preceding year.

Eggs: Production and income, Colorado, 1984-93

Year	Average number of layers	Eggs per layer	Total produced	Price per dozen	Gross income
	Thousands	Number	Millions	Cents	1,000 Dollars
1984	2,701	236	637	75.0	39,812
1985	2,385	238	568	60.0	28,400
1986	2,439	236	575	66.0	31,625
1987	2,719	236	641	58.0	30,982
1988	3,056	257	784	55.0	35,933
1989	3,239	254	824	76.0	52,187
1990	3,142	250	788	77.8	51,089
1991	3,473	251	873	73.0	53,108
1992	3,494	239	837	61.4	42,827
1993	3,438	243	837	68.8	47,988

Pasture and range feed condition by month, Colorado, 1968-1994

Year	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
	Percent ^{1/}								
1968	80	76	75	73	70	81	71	75	77
1969	74	78	85	91	88	81	84	86	81
1970	85	84	83	86	86	81	81	83	80
1971	79	83	84	77	76	70	72	75	79
1972	72	69	70	74	67	68	69	73	72
1973	80	82	91	86	87	82	84	85	83
1974	84	83	64	63	58	57	54	57	59
1975	61	65	63	78	77	74	69	65	66
1976	64	66	71	66	69	65	66	68	68
1977	54	67	69	62	61	72	65	65	64
1978	68	60	79	79	69	61	58	57	60
1979	76	76	86	90	86	88	83	82	81
1980	86	88	91	85	74	73	72	72	73
1981	68	73	76	71	76	83	81	80	78
1982	72	62	73	85	82	89	89	86	2/
1983	86	85	90	96	93	87	82	82	2/
1984	78	81	83	86	79	84	77	82	2/
1985	81	83	92	80	78	83	84	85	2/
1986	2/	77	68	77	74	72	76	78	2/
1987	2/	86	97	94	83	77	81	81	2/
1988	2/	86	80	78	72	68	71	72	2/
1989	2/	50	48	68	55	71	71	71	2/
1990	2/	75	74	66	72	77	75	76	2/
1991	2/	73	79	82	83	89	88	75	2/
1992	2/	80	77	90	89	91	85	80	2/
1993	2/	81	83	82	77	81	78	78	2/
1994	2/	80	85	...	...	...	...	...	2/

^{1/} 80+, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; under 35, extreme drought.
^{2/} Discontinued.

Livestock: Number on farms and inventory value, Colorado, January 1, 1977-94

Year	All Cattle and Calves			Hogs and Pigs ^{1/}			All Sheep and Lambs		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars	1,000 Head	Dollars	1,000 Dollars
1977	3,030	210.00	636,300	280	44.50	12,460	830	52.00	43,160
1978	3,180	235.00	747,300	320	56.00	17,920	810	59.00	47,790
1979	3,090	415.00	1,282,350	330	72.50	23,925	795	79.00	62,805
1980	2,975	510.00	1,517,250	430	55.00	23,650	870	85.50	74,385
1981	3,125	485.00	1,515,625	310	72.00	22,320	810	78.50	63,585
1982	3,025	405.00	1,225,125	330	69.00	22,770	710	63.00	44,730
1983	3,040	410.00	1,246,400	290	88.00	25,520	750	53.50	40,125
1984	3,120	420.00	1,310,400	260	71.50	18,590	690	49.50	34,155
1985	3,000	445.00	1,335,000	210	83.00	17,430	675	59.50	40,163
1986	2,850	435.00	1,239,750	225	79.00	17,775	600	69.50	41,700
1987	2,600	430.00	1,118,000	190	92.00	17,480	690	77.50	53,475
1988	2,800	565.00	1,582,000	205	85.00	17,425	755	99.50	75,123
1989	2,850	600.00	1,710,000	220	74.50	16,390	825	90.00	74,250
1990	2,900	615.00	1,783,500	230	86.50	19,895	840	84.00	70,560
1991	2,750	710.00	1,952,500	300	93.00	27,900	710	80.00	56,800
1992	2,900	640.00	1,856,000	410	75.00	30,750	710	66.00	46,860
1993	2,850	690.00	1,966,500	410	83.00	34,030	660	72.00	47,520
1994	2,900	685.00	1,986,500	450	85.00	38,250	645	77.00	49,665

^{1/} December 1 preceding year.

ANNUAL REPORT

**COLORADO DEPARTMENT OF
AGRICULTURE**

FISCAL YEAR 1993-1994



The Honorable Roy Romer, Governor

Thomas A. Kourlis, Commissioner

ANNUAL REPORT
OF THE
COLORADO DEPARTMENT OF AGRICULTURE
Fiscal Year 1993-1994

Roy Romer, Governor
Thomas A. Kourlis, Commissioner
Robert G. McLavey, Deputy Commissioner

Introduction

The Colorado Department of Agriculture was created as a department of state government in 1949, with historical roots dating back to before the turn of the century. Currently, the department employs about 250 individuals around the state performing a multitude of services to the crop and livestock industry as well as providing numerous services for Colorado consumers.

Organization

The Colorado Agricultural Commission, a body of nine persons appointed by the Governor, serves to advise, counsel and direct the Commissioner of Agriculture, also appointed by the Governor. The commission is comprised of individuals of both political parties and represents a cross section of the state's agricultural community.

The department is organized into five divisions, Animal Industry, Plant Industry, Stock Inspection, Markets, and Inspection and Consumer Services. These five divisions provide regulatory, inspection, and marketing assistance to Colorado's agricultural industry and provide valuable consumer protection services to the state's citizens.

Office of the Commissioner

Thomas A. Kourlis, Commissioner of Agriculture
Robert G. McLavey, Deputy Commissioner

Ongoing activities in the Commissioner's Office include the programs of the Resource Analysis Section, Public Information, Personnel, Administrative Services, and the Agricultural Commission.

In November of 1993, Dr. Steven W. Horn resigned his post as Commissioner of Agriculture to assume the duties of dean of the College of Agriculture at the University of Wyoming. Dr. Horn led the department for four years following two years as the department's deputy commissioner.

In January of 1994, Thomas A. Kourlis of Craig, Colorado, was named by Governor Roy Romer to succeed Dr. Horn. Mr. Kourlis is a sheep and cattle producer and has a distinguished record of service to the sheep and wool industry as well as contributing years of time and effort on behalf of range improvement and conservation programs. Mr. Kourlis was confirmed to the post of Commissioner of Agriculture on February 25, 1994 by a unanimous vote of the Colorado Senate.

During the 1994 legislative session, the Colorado General Assembly enacted two laws that will assign important, new authorities to the department. The department's Division of Animal Industry will begin to implement statutes to inspect and license all commercial pet shops and kennels in the state. The Pet Shop and Kennel program is a substantially modified program formerly administered by the Colorado Department of Health.

The General Assembly also adopted legislation to give the department greater responsibilities in the area of commercial elk and game breeding. The new program will require the department's Division of Stock Inspection to inspect game breeding facilities, and the Division of Animal Industry will retain its responsibilities for animal health and disease control.

The third annual Governor's Agricultural Outlook Forum was held at the Colorado Convention Center in Denver on February 18, 1994. The forum's theme was "Shaping Agriculture's Future: New Players, New Realities." Speakers at the forum addressed the forces at work influencing agricultural policies for the years to come.

The first annual Ag Family Appreciation Day was held in July of 1993. The event celebrated family agriculture and the inaugural season for the Colorado Rockies baseball team. The event was sponsored by the Colorado Department of Agriculture, the Wyoming Department of Agriculture, the University of Wyoming and Colorado State University. The AgriWeather Network of Cheyenne, Wyoming, was the principal organizer of the celebration. Over 400 people attended a barbecue and auction prior to the ball game. Proceeds from the auction were used to fund scholarships for deserving students of agriculture at the University of Wyoming and Colorado State University.

In 1993, Agriculture Commissioner Steven Horn presented the first Friend of Agriculture Award to television personality Bill Kuster of KUSA, Channel 9 in Denver. The award recognized Mr. Kuster's six-year effort to recognize Colorado's food and agricultural products. Each Wednesday, Bill Kuster features a new or different Colorado product bringing valuable exposure to small companies from around the state. The program is an important part of the marketing efforts of the Division of Markets.

Colorado Agricultural Commission

The Colorado Agricultural Commission held six meetings in fiscal year 1993-94, the June meeting being a telephone conference. Mr. Dennis Hoshiko was re-elected Chairman, and Mr. David Ford was again chosen to serve as Vice Chairman. In April, Ms. Penny M. Verhoeff of Lamar resigned her appointment to the Commission due to a move which took her from District 3.

The commission addressed several important topics including: tuberculosis in domestic game herds; adjustment of inspection fees for fruit and

vegetable grading, the Commodity Handler Examination fee schedule, and the Feed Inspection fee schedule; adopted rules and regulations for the Colorado Seed Act; amended regulations to the animal health rules and organic certification. Appointments were made to the numerous boards and advisory committees, which included three new advisory committees focusing on updating the Fertilizer Program, and developing the Weed Free Forage and Seed Act programs.

Resource Analysis

This two-person section analyzes key issues and trends affecting Colorado agriculture and develops and manages special programs at the direction of the Commissioner.

During 1993-94, the department aggressively sought legislation to improve the implementation of Colorado Central Filing System--the only system nationwide operated by a private company. The legislation was adopted, and the system should now meet it's potential as a convenient and cost-effective method to record and discover liens on agricultural products. The new legislation also will serve as a first step toward a centralized system whereby liens can be perfected as well as discovered. The Resource Analysis Section took the lead in securing this important legislation.

Section staff also: monitored regulations and prepared materials to help promote the use of ethanol as a motor fuel; helped identify and fund studies to assess the impact of the Summitville mine on agricultural productivity in the San Luis Valley; developed and managed a contract with Colorado State University to document the contribution of agriculture to Colorado's economy; helped plan and implement the 1994 Governor's Agricultural Outlook Forum; and participated in conferences and meetings on agriculture and the environment.

Administrative Services Section

The Administrative Services Section has focused on quality in the accounting, budgeting, purchasing, data processing, and business support services provided to our divisions and the public.

Administrative Services has continued to prioritize the implementation of the Strategic Information Management Plan designed to create a department-wide computer network in the Denver metro area. Section staff programmed software for the new seed dealer licensing program, enhanced the pesticide applicator software, and rewrote the predatory assessment and the Agriculture Outlook Forum registration programs.

The Department was appropriated a \$6.5 million capital construction project for the new indoor State Fair Arena. Administrative Services has worked with the State Fair Authority to coordinate and provide the State administrative process for payment of the project costs. This project began January 1, 1994, and will be completed in the fall of 1994.

In 1993, the Administrative Services Section was awarded the Certificate of Achievement for performance excellence in the prior year fiscal-year close.

Division of Markets

Jim Rubingh, Division Director

The Markets Division is responsible for developing new marketing opportunities for Colorado producers and processors as well as retaining existing markets for the full array of Colorado products. The division also develops promotional programs and materials, assists in expanding the state's food and agriculture processing industry, administers the Seal of Quality Program, and collects livestock and produce market news from around the state. The division provides staff assistance to the Colorado Agricultural Development Authority.

Marketing Orders Program

Marketing orders are producer-funded programs which collect funds from the point of first sale of certain farm commodities. The funds are used for crop research, market development, as well as for promotion, advertising, and education programs. These activities provide greater utilization of commodities and increased profitability for producers. In some cases, the marketing orders

provide for commodity inspection and grading in order to assure that only high-quality commodities reach the marketplace. Marketing orders generally work to solve marketing problems and conduct programs that would be impossible for individual producers to accomplish.

Colorado has marketing orders for eight commodities produced in the state covering apples, corn for grain, potatoes, dry edible beans, sweet corn, broccoli, milk, and wheat.

The department's responsibilities involve establishing, enforcing, and overseeing the administration of the marketing orders. In addition, the program serves to enforce the marketing order rules and regulations by conducting investigations, holding hearings, and reviewing audits of the orders. The agency reviewed budgets for the eight marketing orders and approved expenditures totaling over \$3 million.

International Marketing

The goal in the international marketing program is to increase the export sales of Colorado grown and processed agricultural products. The section works with individual companies as well as in developing industry specific marketing efforts. The office also provides access to the USDA Foreign Agricultural Service programs. This section coordinates the agricultural access to the State of Colorado offices in Japan, Korea, Taiwan and Europe.

Individual counseling ranges from market assessment utilizing research reports, computer data sources and other research, to assistance in obtaining branded trade promotion grants for overseas marketing and assistance with Colorado's Agricultural International Trade Promotion Program which provides financial assistance for international promotion.

A key element of the section's international trade development effort is coordinating state participation in WUSATA, the Western U.S. Agricultural Trade Association. Through WUSATA Colorado companies have access to international trade development funds and industry and market projects. The department is

currently managing one project which is promoting the sale of processed foods in Japan through the development of private label product sales. The Colorado livestock industry and CDA are also active in the WUSATA breedstock promotion in Mexico.

The international section continues to build the resource library for international trade which provides marketing data for most major markets. The section is also active in recruiting buying missions to Colorado to meet with Colorado companies. This includes processed foods as well as livestock missions. An additional project this year is coordination with JETRO (Japan External Trade Office) in bringing a senior trade advisor for processed foods to Colorado on a monthly basis for the next two years.

Domestic Marketing

The mission of the domestic marketing program is to increase awareness and demand for Colorado food and agricultural products in local, regional and national markets.

In the 1993-94 fiscal year, the domestic marketing staff published and distributed five marketing directories for Colorado producers: the Hay Directory, the Farm Fresh Directory, the Fresh and Processed Food Trade Directory, the Livestock Export Directory and the Food & Beverage Gift Guide. The Markets Division also published a handbook, *Developing a Marketing Plan for Your Food Product*, and a quarterly newsletter.

Ongoing marketing activities included a weekly television segment that featured 52 different Colorado food products; the annual Governor's Award foodservice promotion, which honored two restaurants and one institution for excellence in promoting and serving Colorado products; the Seal of Quality Program, a labeling and inspection program that differentiates super-grade apples; and the Centennial Farms Program, which recognizes 100-year-old farms in the state.

New programs included the "Gimme 5 Colorado" produce campaign. The Markets Division organized a coalition of government agencies, private companies and commodity groups, which

sponsored a statewide campaign to increase awareness of the importance of fruits and vegetables in the diet. The promotion included three components: the education program, a media campaign and tie-in activities with the Colorado Rockies. The campaign, funded through private donations, made more than one million impressions of the 5 A Day message in Colorado.

In the spring of 1994, the Markets Division initiated a public relations program to inform the media and consumers when select Colorado crops come into season.

The division continues to serve as the lead agency for aquaculture development in the state. As of May 1994, Colorado has 37 licensed aquaculture facilities.

Food Processing

To assist in increasing food processing in the state, the Markets Division administers the Agricultural Processing Feasibility Grants Program to assist local governments and entrepreneurs in evaluating the potential for developing or expanding agricultural processing facilities. The program is funded by the Colorado Economic Development Commission.

Assistance is also given to farmers wishing to diversify their operations through processing, to existing Colorado food companies interested in expansion, and to out-of-state food companies considering locating in Colorado.

Special projects have included: organization of regional workshops on starting a food processing business, facilitating local economic renewal workshops; recruitment of food processors at state attended trade shows; placement of a Colorado food supplement in a national food magazine; Colorado Co-Pack Directory, a listing of companies which provide contract packing services; *From Growing to Processing - A Start-Up Guide for Food Processors*; *Directory of Commercial Kitchens*, a listing of health department inspected facilities available to processors; and *Checklist for Start-Up Food Processors*, a concise listing of steps in developing a food processing business.

Market News

Personnel of the Colorado Department of Agriculture's Markets Division attend livestock sales at the major sale yards around the state to report the movement and price of livestock exchanged in open trading. This information is made available to livestock producers. The staff also monitors and reports hay, fresh produce and nursery marketings.

Brand Inspection Division

J. G. Shoun, Brand Commissioner

The Brand Inspection Division has a long history in Colorado beginning around 1865 in what was then the Colorado Territory. Today, the division administers more than 35,000 livestock brands to identify ownership of cattle, sheep, mules, burros, and horses. Brand inspection is crucial to verify ownership in cases of strayed or stolen livestock, and animal health programs are strengthened by the ability to trace animals to their herd of origin.

The division is administered by the State Board of Stock Inspection comprised of five members, appointed by the Governor, representing all segments of the industry. The members of the board during the 1993-94 period were Mr. Dick Tanner of Yoder, Mr. Dean Davis of Lindon, Mr. Lee Spann of Gunnison, Ms. Linda Ingo of Ridgway, and Mr. Robert E. Bledsoe of Wray.

The division employs 65 brand inspectors located throughout the state, eight brand foremen, and nine administrative personnel, including Brand Commissioner J.G. Shoun. The annual budget for the division exceeds \$2.5 million and is completely funded by inspection fees levied to livestock owners and brand registration fees levied every five years. In 1993-94, division personnel travelled in excess of 1.3 million miles in the course of their duties.

The division is assigned four principal regulatory responsibilities: to record and administer livestock brands; inspect livestock and verify ownership before sale, transportation beyond 75 miles, or slaughter; inspect and license livestock sale rings and inspect all consignments before sale to verify ownership; and prevent and return strayed or stolen livestock and investigate reports of lost or stolen livestock.

In addition, brand inspectors collect beef promotion and research funds. The division is also the trustee for all surety bonds issued to licensed markets and packing houses doing business in Colorado.

In 1993-94, the division inspected approximately 4.8 million head of livestock. In addition, they identified ownership of lost, stolen, or strayed and questionably owned livestock valued at \$19 million. The division conducted 80,000 horse inspections and issued twice as many permanent horse travel permits than previous years.

The Brand Division has concentrated on educational programs in the past few years. The focus of the educational program is on teaching brand law and theft prevention to the public and law enforcement agencies. Fifteen separate classes were given in 1993-94, all in different areas in Colorado.

Division of Plant Industry

Robert I. Sullivan, Director

The Colorado Department of Agriculture's Division of Plant Industry performs a wide array of services to the public and engages in several important environmental and public health protection programs.

Beginning as the Bureau of Plant and Insect Control in 1937, the agency was under the direction of the State Entomologist. The division is organized into the Biological Pest Control, Pesticides, and the Plant and Insect sections. The division's staff of 37 includes 13 field inspectors (10 of whom are cross-trained in multiple inspection), eight biological pest control specialists, and three chemigation inspectors.

Biological Pest Control

In 1947, the Bureau of Plant and Insect Control developed the state's initial biological pest control program in Palisade, Colorado, at the Colorado Department of Agriculture Insectary.

Biological pest control affords the opportunity to decrease agriculture's reliance on chemical pest control technology thereby decreasing production

costs, reducing a portion of the chemicals entering the environment, and when colonies of beneficial insects are established, it offers a permanent pest control solution.

In 1993-94, the staff of the Biological Pest Control Section conducted 461 releases of 32 species of beneficial insects. This was an increase in activity of approximately 25% over FY 1992 (1992's activity level was an increase of 14% over the previous year). The releases were designed to assist in the control of twelve weed species and six insect pests throughout the state.

Plant and Insect Section

This section provides the following services:

- Inspection of plants and plant products intended for export to provide certification required by receiving states and countries;
- Registration of sellers of nursery stock, providing inspection of that stock to aid in control of insects and diseases, and aiding consumers in purchasing high quality stock;
- Performs request inspections of apiaries for bee diseases;
- Conducts pest surveys and works with private and public agencies to control certain pests;
- Administration and enforcement of the Colorado Chemigation Act to avoid pollution of groundwater sources;
- Registers and inspects commercial seed dealers to assure truth in labeling of seed as to content and germination claims;
- Administers the Organic Production Certification Program to assure buyers of organically-grown produce that their produce conforms with state standards required before making such claims;
- Administers fruit and vegetable pesticide residue monitoring under contract with USDA; and

Implemented new request program for certification of weed free forage crops including hay and mulch crops in May of 1994.

In 1993-94, the section issued approximately 2,000 phytosanitary inspection certificates on plant products for international export valued between \$5 and \$10 million. Inspectors conducted approximately 1150 inspections of nurseries and greenhouses and the section issued approximately 1,450 registrations to sellers of nursery stock. Approximately 8,000 stop sales orders were issued on nursery stock in 1993-94.

The Plant and Insect Section's implementation of the chemigation program, which began in 1989, this year resulted in the issuance of approximately 3,100 permits. Approximately 550 inspections of seed dealers were conducted, and 450 stop sales orders were issued for violations of labeling. About 1,100 seed sellers and custom seed conditioners were registered. The section issued 107 organic certification licenses.

In 1992, the Colorado Department of Agriculture entered into an agreement with the U.S. Department of Agriculture to collect samples of fresh produce from Colorado distribution points. The program is designed to identify any possible contaminants to the food system. A total of 456 samples were taken in 1993-94.

Pesticides Program

The Pesticides Section regulates pesticides, pest control devices, pesticide application, pesticide applicators and is the lead agency for the protection of groundwater quality from contamination by agricultural chemicals. Its services include: ensuring proper labeling, packaging, display, formulation, and effectiveness of pesticide products; handling special local needs pesticide registrations and emergency exemption requests for pesticides; ensuring competency of commercial pesticide applicators, and under certain circumstances, limited commercial and public applicators; and to ensure the protection of groundwater and the environment from impairment or degradation due to the improper use of agricultural chemicals while allowing for their proper and correct use.

In 1993-94, approximately 9,403 pesticide products were registered in Colorado; approximately 606 applicators were tested for competency; approximately 646 commercial pesticide application firms were licensed and 122 limited commercial and public applicators were registered; 2,252 applicators were licensed as qualified supervisors or certified operators; 27 complaints of misuse of pesticides were investigated; and administrative actions were finalized in 43 complaints ranging from letters of warning to license suspensions, civil fines, assurances of discontinuance, and injunctions.

An in-depth review of the pesticide applicator enforcement for the last five years with a comparison of data for the last ten years revealed the following:

- total numbers of complaints have decreased while total numbers of applicators have increased;
- there has been a significant decrease in the percent of complaints related to applications of 2,4-D leading to the conclusion that complaints related to 2,4-D are cyclical in nature and relate directly to weather, pest pressure and crop stress;
- although the numbers of complaints as a whole have decreased, the numbers of complaints in urban areas has increased, this coincides with the increase in urban population and corresponding increase in ornamental applicators.

The findings would seem to validate the state's basic approach to enforcement--that of compliance through cooperation and relying on routine inspections.

To ensure groundwater quality, a coordinated effort is essential in dealing with this issue since numerous federal, state and local agencies are involved. The department ensures a coordinated approach by maintaining contact with the other agencies and attending meetings to keep abreast of what work is being performed.

Education and public outreach is the key to the division's groundwater program. Presentations to

industry, professional organizations and interested groups are ongoing to both inform and seek advice. A citizens advisory committee consisting of representatives from the general public, producers and agribusiness has been instrumental in providing user and public involvement into program development and implementation as well as helping to determine priorities.

Groundwater was monitored in the San Luis Valley. The development of universal best management practices continues while the localization committees are adapting these for the San Luis Valley and portions of the South Platte. The standards laboratory has been equipped to analyze the monitoring samples. Work on the generic portion of the state management plan for EPA has begun. Hearings were held around the state concerning the rules and regulations for bulk storage facilities and mixing and loading areas with a projected adoption date of May 1994.

Inspection and Consumer Services Division

Ronald Turner, Director

The Division of Inspection and Consumer Services consists of five sections. The division employs approximately 95 individuals in a variety of inspection programs designed to assure fairness in the marketplace and quality, safety, and financial soundness in other commercial transactions.

The Office of the Director governs the five sections of the division. Under the director, the Facility Operations Program oversees two state-owned buildings occupied by the division with one goal in mind, to make sure that the buildings maintain an environment of safety and security for the employees.

Technical Services

The Division's Technical Services Section is responsible for field inspections, testing and/or sampling for the following programs: Feed, Fertilizer, Eggs, Measurement Standards (small devices), Farm Products, and Meat Inspection. Each inspector in the section has been trained to perform inspections in all six program areas.

Fourteen inspectors, strategically located in the state, perform the various inspections required for each program. The inspectors are empowered to enforce the laws and regulations relating to each program.

In addition to the section functions in the field, the Technical Services Section is responsible for the administration of the feed, fertilizer, egg, and meat inspection statutes.

The Feed Program registers and selectively samples commercial animal feeds throughout the state. In 1993-94, 732 companies registered 10,467 products. These numbers reflect an increase of 21 companies and 681 products over last year. This increase is attributed to an education and enforcement effort targeting nonregistration or late renewals on products. As part of this effort, over 800 stop sales were issued this year compared to 500 last year on products not in compliance with the Feed Act. There were also 4,600 (increase of 200) inspections conducted and approximately 4,800 (increase of 500) samples taken, representing 33,316 (increase of 22,000) tons of feed. This year the number of samples not meeting the labeled guarantees when analyzed by our laboratory, decreased from thirteen to twelve percent. Inspection (tonnage) fees were collected on 1,505,702 tons of feed (increase of 40,000 tons). Under a cooperative agreement with the U.S. Food and Drug Administration, 20 medicated feed mills were also inspected.

The Egg Inspection Program assures compliance pertaining to quality and labeling standards for eggs at the retail and wholesale level. In the 1993-94 license year over 990,650 dozens were inspected, and of that amount, 17,963 dozens were rejected. The Department continues to work with the industry to improve the quality of eggs on the market, and the rejection rate has continued to decline from 6 percent two years ago to 2.6 percent last year and 1.8 percent this year. A new inspection summary report the department sends monthly to each egg producer has generated positive comments from the industry and seems to be making an impact on the freshness and quality of eggs reaching the consumer.

The Fertilizer Program registers and selectively samples fertilizers, soil conditioners, and related products to determine nutrient content and to

assure labeling accuracy in accordance with state laws. In 1993-94 the department registered 370 companies and 2,695 products. Approximately 2,673 inspections were made and 1,425 samples representing 30,926 tons of product were taken and analyzed. Inspectors issued 63 stop sales on deficient products. This program has requested and received approval from the Agricultural Commission for the appointment of an advisory board to assist the Department in updating this statute. This board should be in operation by August of 1994.

The Fertilizer Program also inspects anhydrous ammonia tanks and assists in safety training in the use of this potentially dangerous product. Inspectors examined 3,283 ammonia tanks and rejected 695 of them as unsafe.

The Meat Inspection Program licenses and inspects meat processors and food plan operations. In addition, the agency protects the public from unsanitary or fraudulent practices in meat processing and bulk meat sales. In 1993-94, this program issued licenses to 146 facilities in the state. Thirteen cease and desist orders were issued to meat processors in the fiscal year. In addition, 207 facility inspections were made. One license was denied due to statute violations. Two businesses were fined for statute violations and were licensed under probation.

Farm Products

The Farm Products Section is responsible for the enforcement of statutes licensing and regulating those who buy, store, or transport agricultural products produced in Colorado. The agency assures that dealers and state-licensed warehouses are bonded and adequately capitalized. The section licensed over 6,500 firms and holds surety bonds in excess of \$100,000,000.

The section investigates complaints by producers against dealers. Issues cease and desist orders and/or other regulatory sanctions in the event a firm appears to be financially unable to meet its commitments. In addition, the section conducts investigations of complaints regarding timely payment for farm products purchased. In 1993-94, 203 such orders were issued, and over 300 investigations were conducted.

Laboratory Services

The Laboratory Services Section analyzes animal feeds and fertilizer product samples obtained by multiple inspectors in the division, and the lab also analyzes pesticide samples for the Plant Industry Division.

The laboratory checks animal feeds and pet foods registered in the state to assure that feed products conform to the manufacturer's labels for both nutrients and that they are free of contamination. The lab conducts the analysis of pesticides to assure that they meet manufacturers' guarantees and claims for label consistency.

The lab, under contract with the U.S. Environmental Protection Agency, analyzes pesticide residue samples to aid in the investigation of possible misuse or misapplication.

The lab also analyzes a limited number egg samples for pesticide residues and examines a limited number of meat samples for bacterial contamination and to assure that they meet manufacturers' claims for label consistency.

The lab has set up a state groundwater monitoring lab in cooperation with the state health department and funded by a grant from EPA. Most of our new equipment is in the lab and training is underway to operate the various new pieces of equipment. The lab plans to analyze about 200 groundwater samples for pesticides and nitrates during the summer of 1994. This monitoring is to be done over a 5-10 year period to be sure that the state's groundwater is clean and free of pesticides and nitrates from the application of pesticides and fertilizer in the agricultural community in the state.

In 1993-94, the section conducted 30,000 different analyses on 7,500 samples.

Measurement Standards

This program licenses all weighing and measuring devices in commercial use in Colorado and certifies individuals operating public scales. The State Metrology Laboratory maintains custody of Colorado's official weight and measure standards, and the laboratory provides testing, certification,

and calibration of mass, frequency, length, and volume for public and private agencies that require standards traceable to the National Institute of Standards and Technology.

This section tests packages for truth in labeling as required by the Measurement Standards Act, and it tests and inspects the accuracy of measuring devices used commercially. More than 28,000 small weighing devices were tested in 1993-94, and of those, 13.2 percent were inaccurate. Inspectors examined 65,311 packages and found 14.6 percent to be short measure.

The section's large scale testing units tested and inspected 4456 scales (a 10.5 percent increase), rejecting 36.8 percent. The vacant position in northeastern Colorado was filled in November of 1993. This accounts for the 10.5 percent increase in scale tests over 1992-93.

The Metrology Laboratory calibrated 6,766 mass standard, performed 405 other tests, and certified 657 tuning forks. Tuning forks are used by local law enforcement agencies to calibrate radar speed detectors. Production is down in the metrology laboratory due to the retirement of the chief metrologist in December. The laboratory has operated at 50 percent since 1 January, 1994.

Fruit and Vegetable Inspection

The Fruit and Vegetable Inspection Program is a cooperative effort by the U.S. Department of Agriculture and the Colorado Department of Agriculture to assure consumers of high quality Colorado produce. The program operates under federal standards, rules, and regulations to provide official inspection, grading, and certification of produce. The certification concerns quality, condition, size, and other pertinent factors of fresh fruits and vegetables grown in the state.

Inspections are performed on either a mandatory or non-mandatory basis. Mandatory produce inspection is required by statute to promote quality standards which depict certain Colorado produce as desirable products in the marketplace. Non-mandatory inspections are conducted on other commodities for shippers which wish to market an inspected product. Inspection certificates are issued by the state to certify grade and condition of the product at the time of inspection.

In 1993-94, the section inspected an estimated 21,600,000 hundredweight (cwt.) of potatoes and 99,068 bushels of peaches, resulting in the issuance of approximately 45,000 certificates of mandatory inspection for the commodities. Other fruits and vegetables inspected totaled 638,569 cwt. resulting in 3,200 certificates issued for non-mandatory commodities.

Division of Animal Industry

James Williams, DVM, Director

The Division of Animal Industry is responsible for animal health and control activities in the state. The division has 17 employees.

The division works in close cooperation with the livestock industry and veterinary medical organizations, as well as other state and federal agencies, to protect the health, welfare, and marketability of Colorado livestock.

Veterinary Section

This section is responsible for monitoring and minimizing brucellosis and other contagious diseases which could threaten Colorado livestock. The staff concentrates on diseases that are a threat to public health, would significantly impact the more than \$3 billion livestock economy in Colorado, and which cannot be easily controlled by individual livestock owners. Disease surveillance programs at slaughter plants and at livestock concentration points are conducted in cooperation with the USDA. Control of diseases is achieved through required inspections, vaccination, supervised treatments, and other appropriate activities. The section also licenses and inspects establishments engaged in processing, handling, or transporting inedible meat products for pet foods and rendering establishments to assure compliance with sanitary standards necessary for disease control and to assure that such products are clearly labeled.

The Bureau of Animal Protection investigates complaints concerning animal cruelty or neglect. Division staff assist local animal control officials and law enforcement officials and law enforcement

organizations in training and investigations of complaints. In 1993-94, approximately 344 complaints of animal neglect or abuse were investigated by department personnel.

State-Federal Brucellosis Laboratory

The State-Federal Brucellosis Laboratory provides support for livestock disease identification, control, and prevention programs. The lab facilitates interstate and international livestock shipments through laboratory confirmation of disease-free status. Lab staff also trains public livestock market veterinarians in test procedures and confirms testing of livestock at such markets.

In 1993, approximately 421,000 serological and other tests for livestock diseases were performed on the 371,000 submissions received from packing plants, private veterinarians, state and federal field personnel and others. These tests were performed for disease surveillance, interstate movement, and to qualify animals for export to other countries.

Rodent/Predator Control Section

In Colorado, 3 million acres of private lands are damaged to some degree by prairie dogs, gophers, and other rodents. The Animal Industry Division's Rodent/Predator Control Section provides training, services, and supplies to private citizens and local, state, and federal officials to control vertebrate pests. The section assists producers in controlling livestock predation losses through cooperative agreements with local producer associations, counties, and the United States Department of Agriculture.

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WHY CROP AND LIVESTOCK REPORTS

A man's judgment is no better than his facts, and crop and livestock reports are the basic facts of Agriculture.

They aid farmers in planning their production and marketing.

They are essential in enacting wise legislation affecting Agriculture.

They are a check on fluctuation in price. Uncertainty of supply promotes undue fluctuation in price.

They are the basis for analysis of agriculture and other business conditions.

They give producers the same foresight to future price trends that organized dealers possess.

They are a guide to farm resources and for developing new resources such as irrigation, electric power, location of food processing and other factories.

They are the best basis for adjusting supply to demand which is highly essential if maximum price is to prevail.

They aid farm organizations, schools, local communities, Economic Development Councils, and others in planning constructive programs.

They eliminate the ill effects of misleading reports that might be circulated for private gain, if there were no official reports.

They give information on surplus and deficit areas of production making possible a more economical distribution of products.

They indicate potential buying power, enabling the manufacturer to meet the probable demand. With economical production and distribution, the manufacturer can sell at a lower price than he could with uncertain demand.

They reduce the risk for ownership of buyers of farm products which enables them to do business on a smaller margin. Under the stimulus of competition, they pay producers higher prices than could be paid if uncertainty of production existed.

They reduce the amount of speculation in farm products. Speculation thrives on uncertainty. Unbiased official crop reports reduce uncertainty which limits speculation.

They are indispensable in times of war because food is as essential as ammunition and weapons of war.

They provide an accurate, unbiased picture of Colorado's agriculture. The facts on present and prospective supplies furnish a sound basis for judgment and action by farmers, ranchers, other individuals, agribusiness, railroads, crop and livestock interests and governmental agencies.

The Colorado Agricultural Statistics Service is a state-federal agency which gathers and publishes information on agricultural production, livestock inventories, prices, farm income and other economic indicators. These reports are based on surveys of farmers, ranchers and other agribusinesses. Please contact our office for information on subscribing to these reports.



About the Cover

Colorado's Biological Pest Control Program, administered by the Colorado Department of Agriculture's Division of Plant Industry, rears and releases natural pest control insect agents to aid in the control of nearly two dozen major weed and insect pests around the state.

Shown in the upper left is the *Macrocentrus ancylivorus*, a tiny wasp that has controlled the damaging Oriental fruit moth in the Palisade peach-growing area since 1948. The center photo shows the new Colorado Insectary Facility in Palisade. The Insectary, constructed in 1991, enabled the department to expand the state's total biological pest control program four-fold with existing staff and resources.