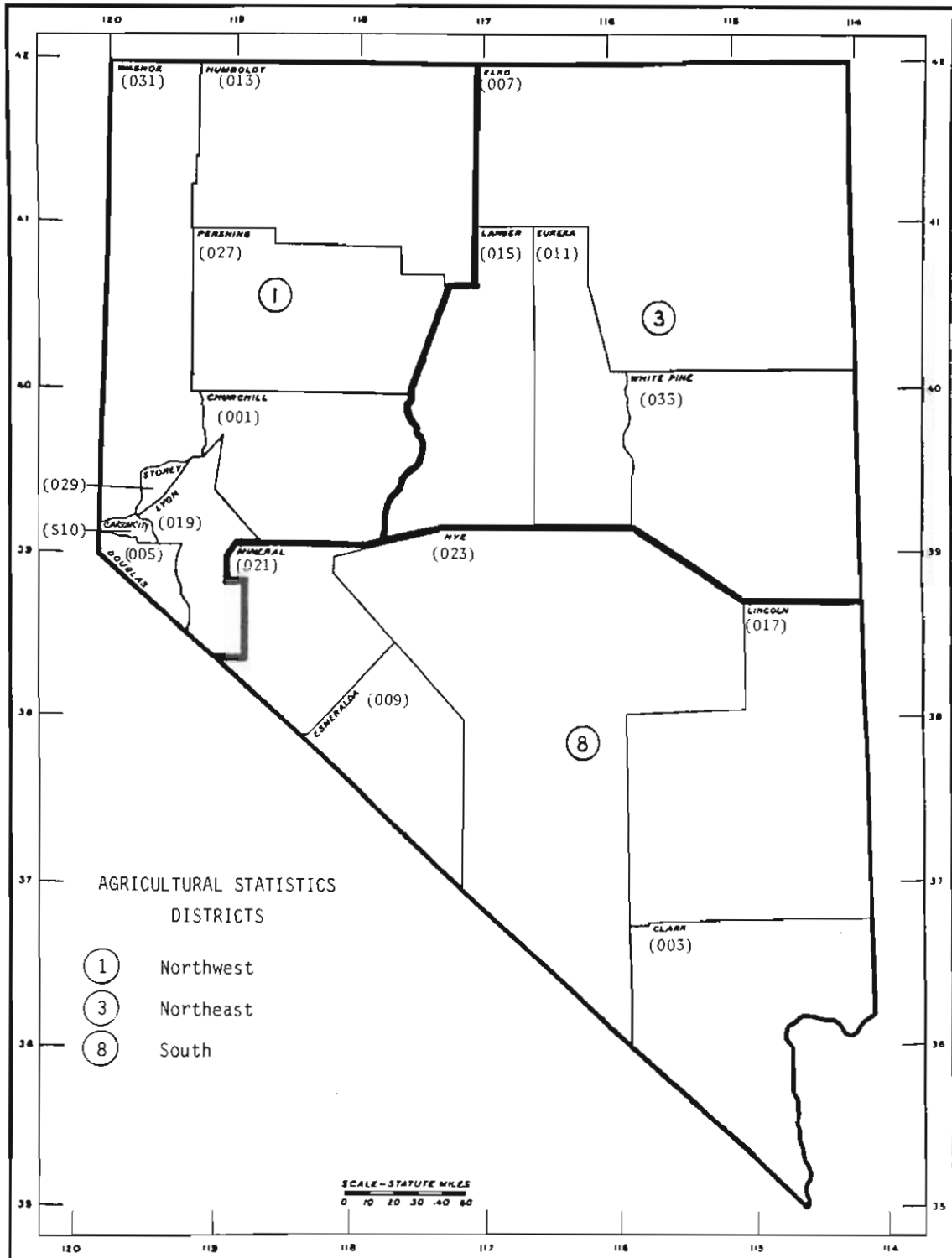




NEVADA

Agricultural Statistics
1990-91

NEVADA COUNTIES AND AGRICULTURAL STATISTICS DISTRICTS



COVER PHOTO:

Onion Harvest in Nevada's Mason Valley.
(Photo courtesy of UNR Extension Communications)

Nevada Agricultural Statistics 1991

Nevada Department of Agriculture
Thomas W. Ballow, Executive Director

University of Nevada, Reno
College of Agriculture
Bernard M. Jones, Dean and Director

Cooperating with

U.S. Department of Agriculture
National Agricultural Statistics Service
Charles E. Caudill, Administrator

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Richard Holcomb, Student Assistant

September 1991



STATE OF NEVADA
EXECUTIVE CHAMBER

Carson City, Nevada 89710



BOB MILLER
Governor

To The People Of Nevada:

Despite moving into a fifth year of drought, Nevada agriculture continues to move forward. However, the uncertainties of 1991 already remind us of the challenges Nevada agriculture will continue to face as we embrace a new decade.

Profitable agriculture will depend heavily on the responsible use of our planet's resources. To Nevada farmers and ranchers this means lean and efficient agricultural production, an increased emphasis on sustainable agriculture and the development of alternative uses of our agricultural products.

Research is already opening doors for products that are not only environmentally sound, but also profitable. Agricultural commodities can reduce our dependence on foreign oil through ethanol production and provide biodegradable plastics from corn and potato starch. These are just a few examples.

As we develop efficient sustainable agricultural methods and alternative product uses throughout this decade, Nevada agriculture will thrive. Our farmers and ranchers will profit, and our precious resources will be sustained.

Sincerely,

A handwritten signature in black ink that reads "Bob Miller".

BOB MILLER
Governor

STATE OF NEVADA

BOB MILLER
GOVERNOR



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MAILING ADDRESS—P.O. Box 11100
RENO, NEVADA 89510-1100

To Friends of Agriculture:

Methods of farming and ranching have changed dramatically over the years. Nevada producers face an ever increasing rate of change in terms of technology, world markets, and environmental issues. These events are not new to agriculture, but their impacts are becoming more immediate and substantial. The influences that result in the dynamic nature of our industry make access to reliable information an essential part of conducting business. The information contained in this Bulletin can help reduce some of the uncertainties and facilitate more informed business and management decisions.

We hope you find this issue of NEVADA AGRICULTURAL STATISTICS useful and informative.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom".

Thomas W. Ballow
Executive Director



Nevada Agricultural Statistics Service

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• Nevada Department of Agriculture

• USDA-NASS

• University of Nevada, Reno



FOREWORD

The Nevada Agricultural Statistics Service provides data users with unbiased statistics about the state's agricultural industry. Cash receipts from the sale of crops, livestock and livestock products contributed \$333.4 million to the state's economy in 1990. Cattle and calves are the most important commodity, traditionally providing over half of the total receipts. The state-federal statistical program has continued to strive for data quality and service. We see new challenges to agriculture's traditional use of land, water and other resources as we proceed into the 1990's. Agriculture will be required to justify its claim to these resources with facts and figures. We also see rapid expansion of genetic engineering and other biotechnology to increase productivity and solve pest and disease problems. Unbiased statistics will be needed to measure and evaluate change.

A big "THANK YOU" goes to our farmers, ranchers and agri-businessmen who voluntarily answer survey questionnaires to provide input to this and other reports. Thanks also to our talented office staff, field and telephone interviewers who are dedicated to providing you with high quality, timely information.

A handwritten signature in cursive script that reads "C.R. Lies".

C.R. "Bud" Lies
State Statistician

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NEVADA FACTS AND FIGURES

Nevada Population

Total, 1990 Census: 1,201,833
 Farm: 5,539
 People per farm/ranch: 2.3

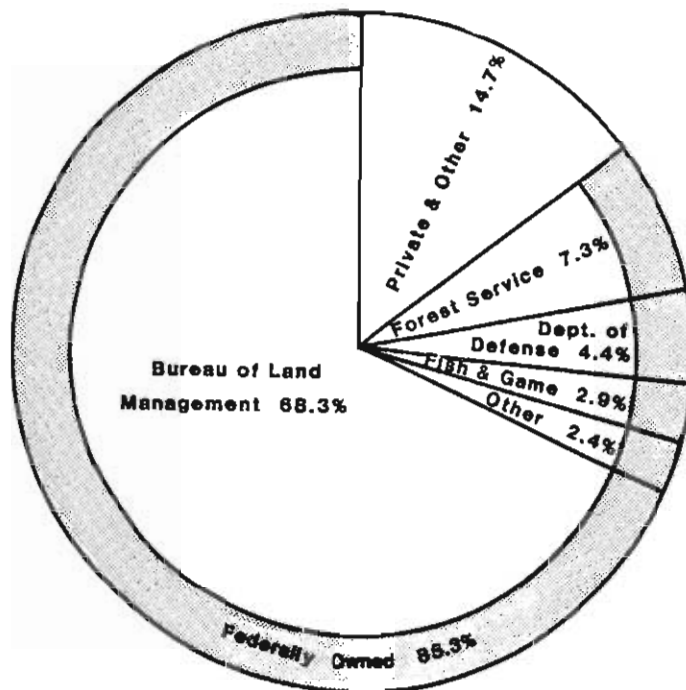
Nevada Land and Utilization

Total Land Area: 109,894 Sq. Mi.
 or 70.3 Million Acres
 People Per Square Mile: 10.9
 All Land in Farms and Ranches: 8,900,000 Acres¹
 Proportion of Land in Farms & Ranches: 14 Percent

¹1990 preliminary.

Nevada Land Area:

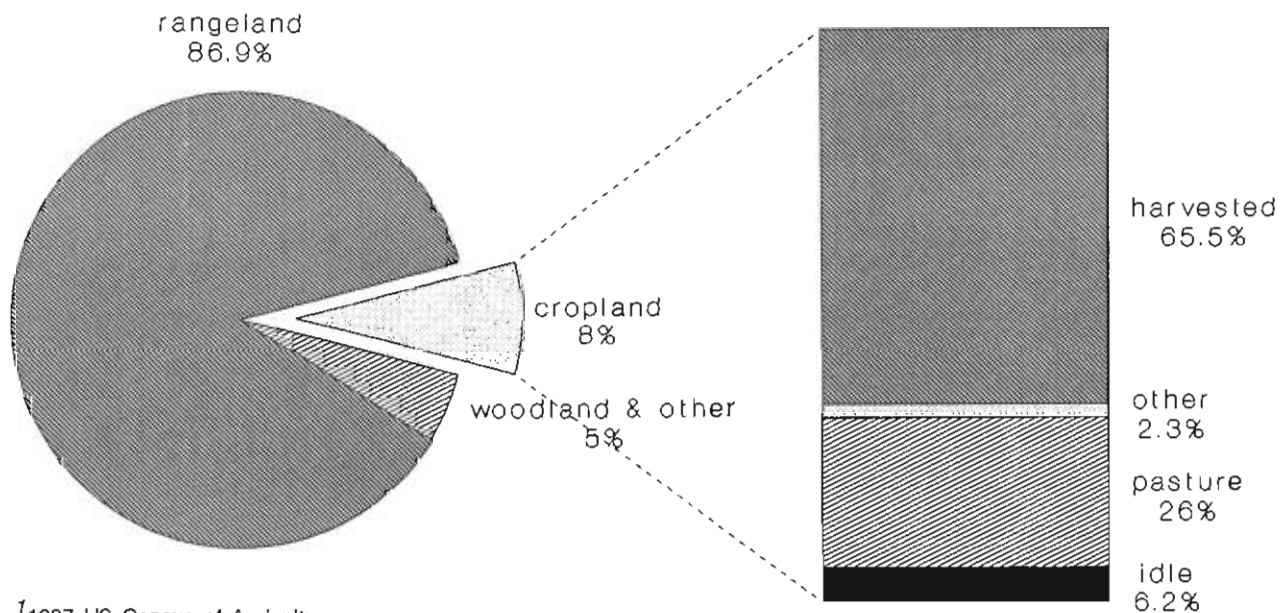
Ownership as a percentage of total



SOURCE: BLM *Public Land Statistics 1984*

Land in Farms and Ranches

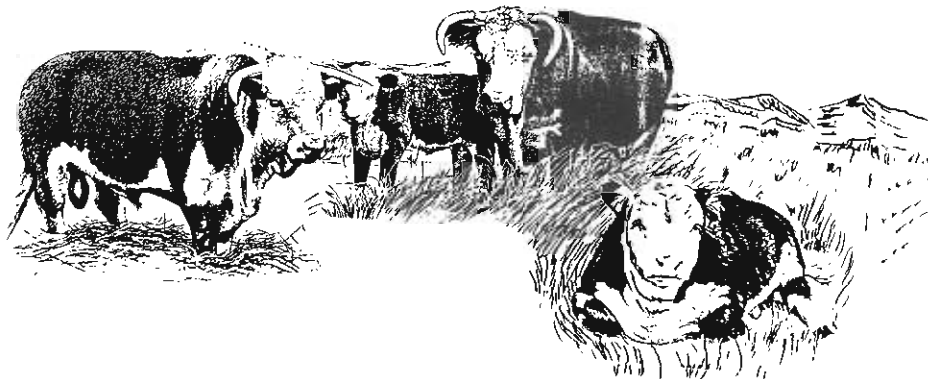
Utilization as a percent of total¹

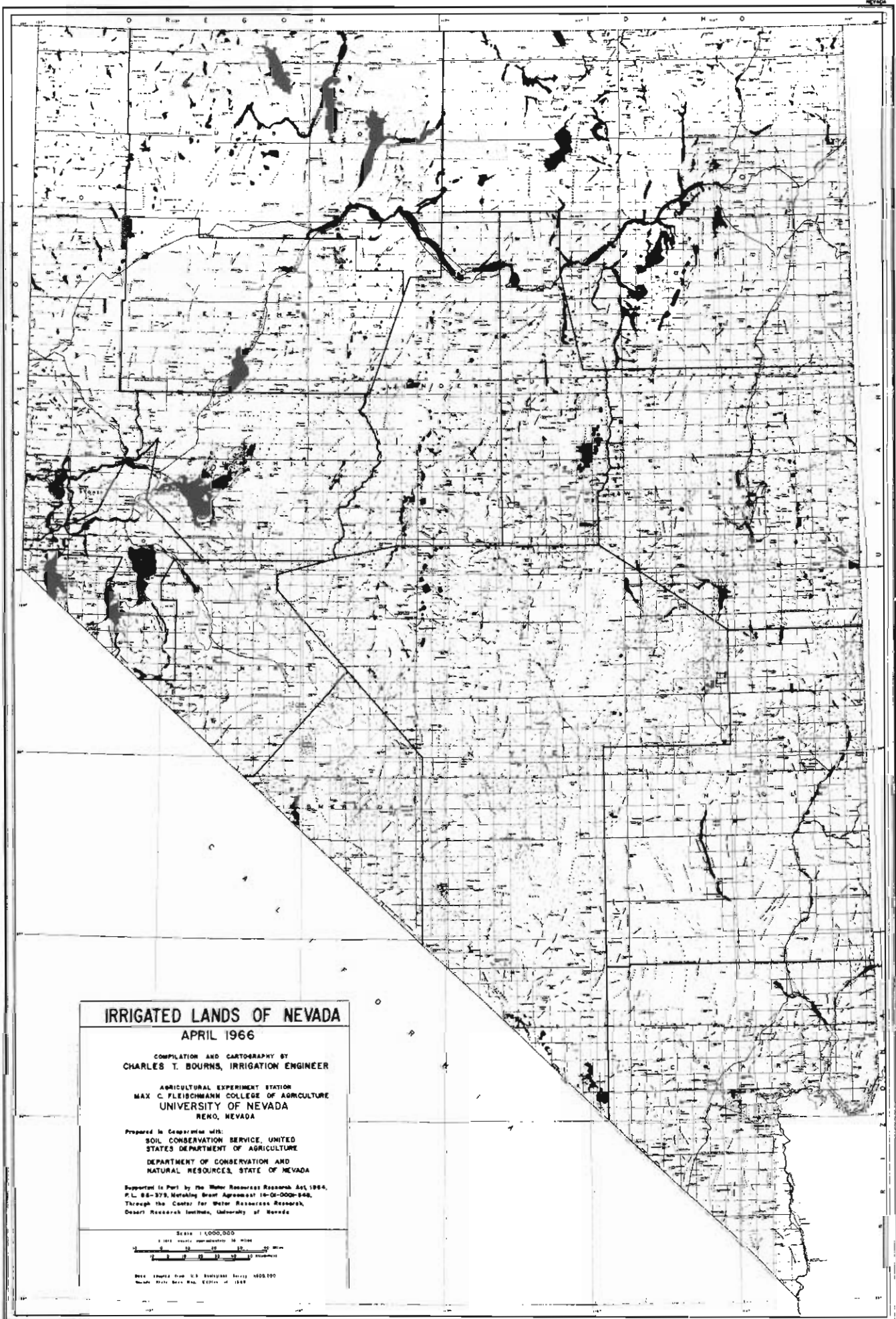


¹1987 US Census of Agriculture

RECORD HIGHS AND LOWS: In Nevada Agriculture

Item	Unit	RECORD HIGH		RECORD LOW		Year Estimate Started
		Quantity	Year	Quantity	Year	
All Wheat:						
Harvested	Acres	31,000	1976 & 1981	3,000	1879	1881
Yield	Bu.	80	1987	19	1879	1879
Production	Bu.	1,890,000	1982	68,000	1879	1881
Winter Wheat						
Harvested	Acres	19,000	1974	1,000	1932	1909
Yield	Bu.	90	1987	20	1952	1909
Production	Bu.	1,190,000	1975	23,000	1932	1909
Spring Wheat						
Harvested	Acres	19,000	1919	3,000	1968	1909
Yield	Bu.	75	1987	20	1936	1909
Production	Bu.	1,200,000	1984	81,000	1968	1909
Barley						
Harvested	Acres	32,000	1982	5,000	1933	1870
Yield	Bu.	90	1984	25.5	1923	1870
Production	Bu.	2,560,000	1982	152,000	1923	1870
All Hay						
Harvested	Acres	530,000	1983	206,000	1931	1909
Yield	Ton	2.68	1987	1.33	1943	1909
Production	Ton	1,380,000	1987	302,000	1931	1909
Alfalfa Hay						
Harvested	Acres	250,000	1988	98,000	1947	1909
Yield	Ton	4.20	1988	1.80	1931	1909
Production	Ton	1,050,000	1988	234,000	1931	1909
Alfalfa Seed						
Harvested	Acres	23,500	1970	1,000	1960	1959
Yield	Lbs.	900	1990	200	1962	1959
Production	Lbs.	14,400,000	1990	300,000	1960	1959
Potatoes						
Harvested	Acres	17,000	1978	500	1968	1879
Yield	Cwt.	380	1976	60	1931	1879
Production	Cwt.	5,440,000	1978	88,000	1889	1879
All Cattle, Jan. 1	Head	700,000	1982	36,000	1987	1867
All Sheep, Jan. 1	Head	1,330,000	1920	24,000	1867	1867
All Hogs, Jan. 1	Head	34,000	1916	3,000	1867 & 1868	1867





IRRIGATED LANDS OF NEVADA

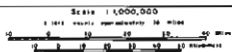
APRIL 1966

COMPILATION AND CARTOGRAPHY BY
CHARLES T. BOURNS, IRRIGATION ENGINEER

AGRICULTURAL EXPERIMENT STATION
MAX C. FLEISCHMANN COLLEGE OF AGRICULTURE
UNIVERSITY OF NEVADA
 RENO, NEVADA

Prepared in cooperation with:
SOIL CONSERVATION SERVICE, UNITED STATES DEPARTMENT OF AGRICULTURE
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES, STATE OF NEVADA

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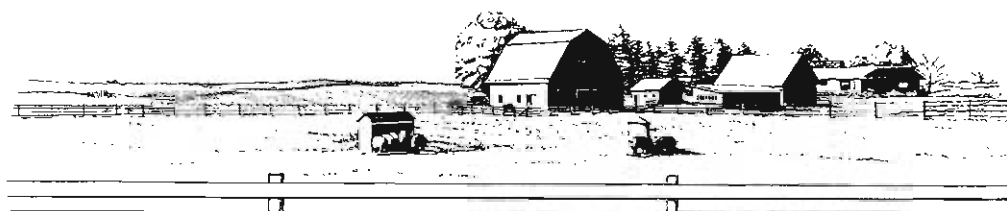


Data compiled from U.S. Geological Survey 600,000 Scale State Plane Map, Edition of 1959

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES: 1978-91¹

Year	NEVADA			UNITED STATES		
	Number Of Farms	Average Size Of Farms	All Land In Farms	Number Of Farms	Average Size Of Farms	All Land In Farms
		Acres	000 Acres	000's	Acres	000 Acres
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,437	428	1,042,015
1980	2,900	3,100	8,990	2,440	426	1,038,885
1981	3,100	2,871	8,900	2,440	424	1,034,190
1982	2,900	3,069	8,900	2,407	427	1,027,795
1983	2,800	3,179	8,900	2,379	430	1,023,425
1984	2,800	3,179	8,900	2,334	436	1,017,803
1985	2,700	3,296	8,900	2,293	441	1,012,073
1986	2,700	3,296	8,900	2,250	447	1,005,333
1987	2,600	3,423	8,900	2,213	451	998,923
1988	2,600	3,423	8,900	2,197	453	994,543
1989	2,500	3,560	8,900	2,171	459	991,153
1990	2,500	3,560	8,900	2,140	461	987,420
1991 ²	2,500	3,560	8,900	2,105	467	982,576

¹Farm is defined as a place with annual sales of agricultural products of \$1,000 or more. ²Preliminary.



NUMBER OF LIVESTOCK FARMS: 1978-90

Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
	Number				000's			
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.0	312.1	128.1	482.2
1983	1,700	400	300	200	1,583.4	297.7	126.4	462.1
1984	1,700	400	270	200	1,538.4	282.4	123.5	428.5
1985	1,700	300	270	180	1,487.8	269.1	117.4	388.6
1986	1,700	300	300	170	1,438.6	249.2	114.8	346.1
1987	1,700	300	300	150	1,396.5	227.9	113.6	328.6
1988	1,700	300	300	150	1,355.7	217.4	113.4	326.6
1989	1,700	300	300	150	1,323.3	203.7	111.1	306.2
1990	1,700	300	300	140	1,288.6	193.8	109.7	278.0

CASH RECEIPTS: From Farm Marketings by Commodities, Nevada 1988-90

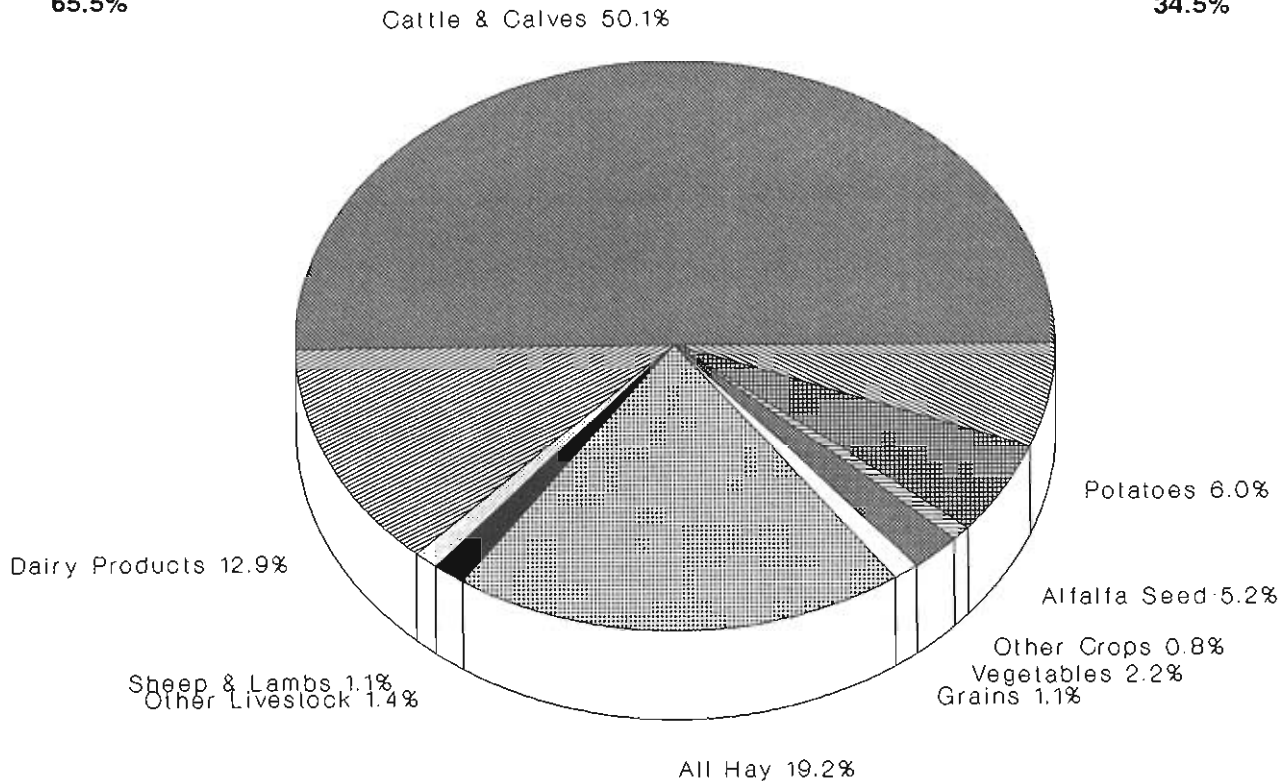
Item	1988		1989		1990	
	000 \$	% of Total	000 \$	% of Total	000 \$	% of Total
Cattle & Calves	119,298	48.9	97,452	40.0	167,132	50.1
Diary Products	33,033	13.5	37,728	15.5	42,900	12.9
Sheep & Lambs (including Wool)	4,242	1.7	4,014	1.6	3,512	1.1
All other Livestock & Products	2,553	1.1	2,839	1.2	4,806	1.4
Total Livestock & Products	159,126	65.2	142,033	58.3	218,350	65.5
All Hay	55,121	22.6	61,188	25.1	63,993	19.2
Alfalfa Seed	8,825	3.6	11,947	4.9	17,305	5.2
Potatoes	8,254	3.4	13,513	5.6	19,996	6.0
Food & Feed Grains	5,190	2.2	5,260	2.2	3,651	1.1
Vegetables	7,153	2.9	9,329	3.8	7,314	2.2
All other Crops	240	.1	319	.1	2,826	.8
Total Crops	84,783	34.8	101,556	41.7	115,085	34.5
Total All Commodities	243,909	100.0	243,589	100.0	333,435	100.0

CASH RECEIPTS FROM FARM MARKETING OF COMMODITIES

1990

LIVESTOCK
\$218,350,000
65.5%

CROPS
\$115,085,000
34.5%



GROSS AND NET INCOME: From Farming, Nevada 1986-1990¹

Item	1986	1987	1988	1989	1990
----- Million Dollars -----					
Gross Farm Income ²	227.9	256.9	280.5	325.1	341.1
Cash Income	217.5	250.0	253.9	254.1	343.2
Farm Marketings	210.5	242.3	243.9	243.6	333.4
Crops	68.3	67.7	84.8	101.6	115.1
Livestock & Products	142.2	174.6	159.1	142.0	218.4
Government Payments	3.5	3.9	6.3	6.3	5.3
Other Farm Income ³	3.5	3.9	3.6	4.2	4.4
Noncash Income	20.9	28.7	36.2	34.3	32.4
Value of Home Consumption	3.1	3.5	3.9	4.1	3.5
Rental Value of Dwellings	17.8	25.2	32.3	30.2	28.9
Value of Inventory Adjustment	-10.5	-21.8	-9.6	36.7	-34.4
Total Production Expenses ²	211.6	219.8	255.2	228.9	253.8
Intermediate Product Expenses	107.5	111.6	114.8	120.8	142.6
Farm Origin	40.2	36.6	39.9	47.3	59.8
Feed Purchased	32.0	28.8	32.0	34.0	35.1
Livestock & Poultry Purchased	5.2	5.0	5.0	10.2	21.6
Seed Purchased	2.9	2.8	2.9	3.1	3.1
Manufactured Inputs	26.2	28.5	26.9	27.1	28.6
Fertilizer & Lime	4.1	5.2	2.8	3.6	2.8
Pesticides	3.4	3.7	3.7	4.5	4.7
Fuel & Oil	11.8	11.4	11.7	11.4	13.7
Electricity	6.8	8.2	8.6	7.5	7.4
Other	41.1	46.5	48.1	46.5	54.2
Repair & Maintenance	12.3	14.1	14.9	14.5	14.8
Other Miscellaneous ⁴	28.9	32.5	33.2	32.0	39.4
Interest	35.8	34.3	30.9	27.9	27.7
Real Estate	25.4	24.8	22.0	19.2	18.5
Nonreal Estate	10.4	9.4	9.0	8.7	9.1
Contract & Hired Labor Expenses ⁵	26.0	28.1	29.7	31.6	35.6
Net Rent to Nonoperator Landlords	.2	-.1	-.5	-.1	.4
Capital Consumption	35.2	39.7	43.2	41.3	39.6
Property Taxes	6.9	6.3	7.1	7.5	7.9
Net Farm Income	16.3	37.1	55.2	96.2	87.4

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

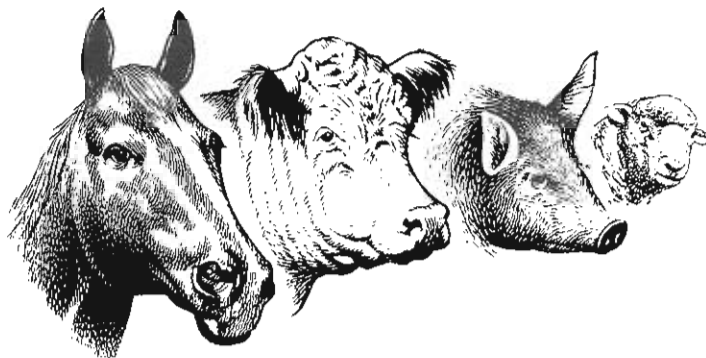
¹Details may not add to total because of rounding.

²Includes operator dwellings.

³Includes forest product sales, recreational income, and other farm business related income.

⁴Includes machine hire and custom work expenses; marketing, storage and transportation expenses; and miscellaneous expenses.

⁵Includes contract labor expenses, hired labor wages and social security payments.



CASH RECEIPTS: From Sale of Principle Products and Government Payments

County and District	Livestock and Livestock Products	Crops	Total Receipts from Marketing	Government Payments	All Cash Receipts
----- Thousand Dollars -----					
1988¹					
Churchill	30,207	8,020	38,227	242	38,469
Douglas	10,342	1,219	11,561	34	11,595
Humboldt	14,297	19,332	33,629	1,949	35,578
Lyon	16,316	19,689	36,005	557	36,562
Carson City	522	24	546	42	588
Pershing	17,567	13,535	31,102	342	31,444
Storey ²	--	--	--	--	--
Washoe	7,626	2,928	10,554	162	10,716
Northwest	98,877	64,747	163,624	3,328	164,952
Elko	42,832	2,042	44,874	2,032	46,906
Eureka	4,767	4,437	9,204	301	9,505
Lander	7,527	1,319	8,846	272	9,118
White Pine	8,669	1,405	10,074	284	10,358
Northeast	63,795	9,203	72,998	2,889	75,887
Clark	16,812	1,160	17,972	39	18,011
Esmeralda	2,428	2,427	4,855	18	4,873
Lincoln	4,504	1,084	5,588	41	5,629
Mineral	1,221	177	1,398	2	1,400
Nye	4,443	1,748	6,191	32	6,223
South	29,408	6,596	36,004	132	36,136
State	190,080	80,546	270,626	6,349	276,975

----- Thousand Dollars -----					
1989¹					
Churchill	29,186	9,026	38,212	328	38,540
Douglas	11,330	1,360	12,690	36	12,726
Humboldt	12,648	25,155	37,803	1,123	38,926
Lyon	15,915	23,580	39,495	387	39,882
Carson City	445	31	476	42	518
Pershing	16,803	15,211	32,014	115	32,129
Storey ²	--	--	--	--	--
Washoe	6,656	3,397	10,053	176	10,229
Northwest	92,983	77,760	170,743	2,207	172,950
Elko	36,918	2,308	39,226	2,391	41,617
Eureka	2,598	5,088	7,686	717	8,403
Lander	8,252	1,494	9,746	423	10,169
White Pine	6,552	1,581	8,133	289	8,422
Northeast	54,320	10,471	64,791	3,820	68,611
Clark	17,649	1,288	18,937	59	18,996
Esmeralda	2,049	2,758	4,807	0	4,807
Lincoln	2,372	1,268	3,640	134	3,774
Mineral	922	199	1,121	37	1,158
Nye	3,043	1,985	5,028	44	5,072
South	26,035	7,438	33,533	274	33,807
State	173,338	95,729	269,067	6,301	275,368

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C.

¹Includes estimates of inter-farm and intra-state sales resulting in larger total cash receipts than shown in USDA estimate on previous pages.

²Not included.

PRICES RECEIVED FOR SPECIFIED PRODUCTS: By Months, Nevada, 1987-90

Year Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

----- (Dollars Per Cwt.) -----

Beef Cattle

1987 ..	48.40	52.80	53.40	53.80	53.20	55.30	55.60	57.20	60.10	54.60	56.10	58.40
1988 ..	61.30	62.80	61.80	63.60	64.00	64.70	65.40	65.50	64.40	56.40	56.00	56.00
1989 ..	61.70	63.40	64.30	64.40	63.60	62.60	62.80	63.10	63.20	65.80	65.80	63.90
1990 ..	67.70	69.30	66.70	69.40	70.00	68.60	70.90	71.80	69.40	69.60	64.70	71.40

Steers and Heifers

1987 ..	54.20	60.20	60.60	60.20	60.20	62.80	63.30	66.10	68.30	61.90	63.80	66.50
1988 ..	69.60	71.30	69.40	72.00	73.40	74.10	74.70	74.40	73.90	62.50	62.30	62.10
1989 ..	68.10	69.90	71.00	71.00	69.90	68.50	68.40	68.70	68.90	72.80	72.90	70.50
1990 ..	75.40	75.80	73.10	75.80	77.10	75.00	78.60	78.20	76.50	77.40	71.90	80.70

Cows

1987 ..	37.60	39.10	40.10	41.80	40.30	41.30	41.40	40.60	44.90	40.90	41.90	43.30
1988 ..	41.80	43.10	43.90	44.00	42.10	42.90	43.70	44.80	42.20	42.10	41.10	41.60
1989 ..	42.30	43.90	44.20	44.50	44.70	44.70	45.80	46.20	45.80	44.90	44.60	44.00
1990 ..	44.80	49.90	47.60	49.90	48.70	49.60	47.90	52.50	48.30	46.30	43.10	43.50

Calves

1987 ..	67.30	72.90	72.80	75.50	71.50	75.10	74.90	74.60	75.80	75.60	78.90	79.40
1988 ..	83.30	84.60	85.80	85.50	85.90	85.50	83.50	84.10	80.70	87.50	87.50	84.80
1989 ..	85.00	87.50	88.10	87.00	85.20	81.60	80.90	85.70	87.00	87.90	88.30	85.00
1990 ..	86.40	87.60	98.40	95.10	91.00	87.90	84.50	89.60	89.70	92.80	86.30	94.50

Sheep

1987 ..	21.70	27.50	27.60	22.10	25.00	29.90	21.50	27.70	23.90	23.90	30.20	26.20
1988 ..	25.10	28.40	26.40	20.60	20.00	20.70	21.50	23.70	18.60	18.90	19.00	16.50
1989 ..	26.10	29.40	26.20	23.50	23.10	22.90	22.30	21.50	21.10	20.50	19.20	16.50
1990 ..	12.60	18.10	14.20	19.80	12.40	9.60	10.00	9.80	14.40	14.40	10.00	14.70

Lambs

1987 ..	63.00	66.30	71.00	66.40	77.10	81.30	78.30	73.80	65.50	65.10	60.60	57.80
1988 ..	60.90	67.00	58.90	70.30	76.10	59.30	60.70	54.00	54.20	53.00	51.30	50.10
1989 ..	61.20	62.70	63.40	63.90	64.60	62.50	59.30	56.50	55.70	55.20	54.80	55.70
1990 ..	56.80	53.20	56.70	52.40	43.10	46.10	43.00	43.30	41.40	43.00	49.70	43.50

----- (Dollars Per Ton) -----

Alfalfa Hay

1987 ..	83.00	81.00	78.00	74.00	74.00	82.00	82.00	82.00	82.00	85.00	87.00	85.00
1988 ..	85.00	85.00	85.00	85.00	95.00	95.00	100.00	100.00	100.00	100.00	100.00	100.00
1989 ..	102.00	105.00	110.00	110.00	110.00	110.00	95.00	92.00	95.00	98.00	108.00	108.00
1990 ..	110.00	110.00	107.00	106.00	106.00	110.00	110.00	106.00	105.00	105.00	105.00	105.00

Other Hay

1987 ..	65.00	60.00	55.00	53.00	53.00	60.00	60.00	60.00	60.00	63.00	65.00	63.00
1988 ..	65.00	65.00	65.00	65.00	75.00	75.00	80.00	80.00	80.00	80.00	80.00	80.00
1989 ..	82.00	85.00	87.00	87.00	87.00	87.00	80.00	75.00	75.00	75.00	80.00	80.00
1990 ..	85.00	85.00	78.00	80.00	80.00	80.00	80.00	75.00	75.00	80.00	80.00	80.00

All Hay

1987 ..	78.00	75.00	71.00	68.00	68.00	75.00	75.00	75.00	75.00	78.00	80.00	78.00
1988 ..	79.00	79.00	79.00	79.00	89.00	89.00	94.00	94.00	94.00	94.00	94.00	94.00
1989 ..	96.00	99.00	103.00	103.00	103.00	103.00	91.00	87.00	89.00	91.00	100.00	100.00
1990 ..	103.00	103.00	98.00	98.00	98.00	101.00	101.00	97.00	97.00	99.00	99.00	99.00

1990 CROP/WEATHER SUMMARY

JANUARY

Second week saw record high temperatures, but the remainder of the month temperatures were generally below normal. Widely scattered snow showers occurred during most of the month. Low temperatures hard on newborn calves and lambs. Chopping ice for livestock water was widespread.

FEBRUARY

The month started with gusty winds and scattered light precipitation. A low pressure system at mid-month brought blizzard conditions to the west with 12 to 18 inches of snow in the extreme west. Temperatures were generally below normal most of the month but returned to normal by the end of it. Livestock feeding operations and movement of potatoes to market were hampered by snowstorms. Snow cover was helpful for winter grain fields.

MARCH

March started with above normal temperatures and light scattered precipitation. A series of Pacific storms then came producing snow showers in the mountains and rain on the valley floors. Strong, gusty winds were common throughout the month. March ended relatively mild with temperatures averaging about 10 degrees above normal. Scattered showers and cold, gusty winds delayed start of fieldwork.

APRIL

April started with above normal temperatures but only light scattered precipitation. Heavier rain showers came at mid-month and temperatures were lower but still about normal. The remainder of the month had below normal temperatures which tended to slow vegetative growth considerably. Spring planting was generally ahead of normal. About 80% of the calving, lambing and shearing was completed by the end of the month. Mormon crickets were a threat to agriculture, mainly in Humboldt County.

MAY

May started with light rain or snow showers. Weather the rest of the month varied from cold, wet and windy to some warm daytime temperatures. Vegetative killing frosts were common throughout the month. Above normal winds during the month made irrigation operations difficult. Planting of small grains and potatoes was completed by the end of the month. Movement of cattle and sheep to summer ranges about 90% complete.

JUNE

June began with below normal temperatures and some freezing weather in east and extreme northern areas. About mid-month fairly heavy rainfall swept across much of the northeast, south central and extreme south. By the end of the month a dry, warm air mass dominated, and temperatures averaged well above normal. Gusty winds were common during the entire month. Only about 65 percent of the spring wheat, oats, and barley was headed by month's end. About 80% of the first cuttings of alfalfa hay were completed.

JULY

July started with near normal temperatures and scattered light showers, but by mid-month typical hot, dry weather prevailed. Widely scattered thunderstorms failed to produce measurable precipitation. Hot summer weather continued throughout the remainder of the month. About 70% of the winter wheat, 75% of the oats, and 65% of the spring wheat and barley were harvested. Second cuttings of alfalfa were about 70% complete. About 90% of the potato crop was in the blooming stage.

AUGUST

August began with mostly hot, dry weather. Isolated thunderstorms followed and produced more lightning and gusty winds than rain. A cold, low-pressure system mid-month lowered temperature dramatically. Hot, dry weather returned by the end of the month. About 50% of the third cuttings of alfalfa were completed. All of the wild hay was cut. Small grain harvest was in the windup stage, and harvest of alfalfa seed was in full swing by month's end.

SEPTEMBER

September started with above normal temperatures and no precipitation. The second week was mostly dry and warm. Low-pressure systems the third week provided thunderstorms and more seasonable temperatures in all areas. Temperatures averaged well above normal for the entire month. Harvesting the alfalfa seed crop was completed about mid-month in Pershing County and nearly finished in other areas. Rains and frosts delayed digging the potato crop, and only about 20% was out of the ground by month's end.

OCTOBER

October began with rain and thunderstorm activity in most areas. A high-pressure system followed resulting in sunny days and slightly above normal temperatures. The first significant cold front of the fall came at mid-month, and temperatures fell below normal in all areas. Light rainfall fell over most areas during the third week. Potato and onion harvests were completed earlier than usual. All of the garlic and winter wheat were planted by month's end.

NOVEMBER

November started with dry conditions and temperatures well above normal. A few weak, cold fronts followed and kept cloud cover over most areas with some light precipitation. The month ended with a cold front bringing rain, snow and much colder weather. Livestock feeding operations were facilitated by the open weather.

DECEMBER

December began with close to normal temperatures. Low-pressure systems followed but brought little precipitation to most of the state. About mid-month an Arctic front brought snow and record low temperatures statewide. The Arctic front moderated by month's end, but high temperatures were still below zero in several northern locations. Low temperatures increased livestock stress and feeding requirements.

CLIMATOLOGICAL DATA: Selected Stations, 1989-90

Station	Elevation -- Feet --	Annual Precipitation			Frost Free ²	
		1989	1990	Normal ¹	1989	1990
		----- Inches -----			----- Days -----	
<u>Northwest</u>						
Carson City	4651	9.07	4.00+	10.79	132	129
Fallon	3966	4.82	5.69	4.88	126	129
Reno	4404	7.34	5.26	7.49	128	129
Yerington	4376	5.47	4.31+	5.52	180	160
Lovelock	3975	4.36	5.61	5.48	126	140
McDermitt	4527	6.04	5.73	-	70	94
Winnemucca	4301	5.56	6.37	7.87	103	140
<u>Northeast</u>						
Austin	6604	10.56	13.32	12.76	127	128
Battle Mountain	4540	4.68+	8.96	7.49	106	140
Elko	5050	7.88	9.43	9.30	80	114
Ely	6253	6.60	8.76	9.02	70	81
Mountain City	5640	9.74	11.57+	13.07 ³	2	5
<u>South Central</u>						
Hawthorne	4220	3.31	4.11	4.58 ⁴	184	205
Tonopah	5427	3.00+	5.18+	4.88	N/A	192
Caliente	4403	5.20	8.93	9.05	172	201
<u>Extreme South</u>						
Las Vegas	2162	2.11	3.75	4.19	286	259
Desert Rock	3301	1.25	4.88	-	235	253
Pahrump	2670	2.11	5.75+	-	219	217
Logandale	1410	3.23	7.66	-	270	236

+ = Some monthly data missing.

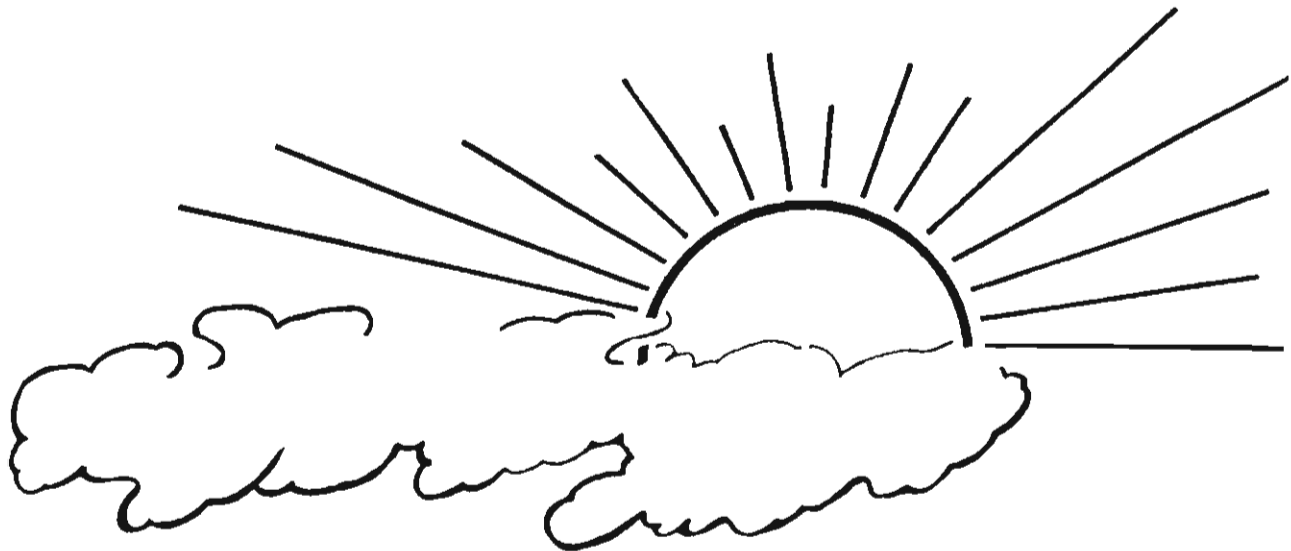
- = Data not available.

¹Normal for period 1951-1980.

²Days between last frost in spring to first frost in fall.

³Normal for period 1955-1975.

⁴Normal for period 1941-1970.



ANNUAL CROP SUMMARY: Nevada 1990

Crop	Year	Acreage		Unit	Production		Season Average Price /Unit \$	Value of Production 000 \$'s
		Planted	Harvested		Yield /Acre	Total 000's		
		--- 000's ---						
Winter Wheat	1988	8	7	Bu.	80.0	560	3.45	1,932
	1989	7	6		80.0	480	3.40	1,632
	1990	7	6		70.0	420	2.45	1,029
Spring Wheat	1988	14	12		65.0	780	3.75	2,925
	1989	11	9		80.0	720	3.65	2,628
	1990	9	8		70.0	560	2.40	1,344
All Wheat	1988	22	19		70.5	1,340	3.62	4,857
	1989	18	15		80.0	1,200	3.55	4,260
	1990	16	14		70.0	980	2.42	2,373
Barley	1988	14	12		80.0	960	2.65	2,544
	1989	12	11		80.0	990	2.40	2,376
	1990	12	9		75.0	675	2.15	1,451
Alfalfa Hay	1988	--	250	Tons	4.20	1,050	--	--
	1989	--	245		4.40	1,078	--	--
	1990	--	240		4.10	984	--	--
All Other Hay	1988	--	260		1.10	286	--	--
	1989	--	275		1.40	385	--	--
	1990	--	250		1.50	375	--	--
All Hay	1988	--	510		2.62	1,336	95.50	127,588
	1989	--	520		2.81	1,463	96.00	140,448
	1990	--	490		2.77	1,359	99.00	134,541
Alfalfa Seed	1988	--	11	Lbs.	640	7,040	1.25	8,800
	1989	--	14		710	9,940	1.20	11,928
	1990	--	16		900	14,400	1.20	17,280
Potatoes	1988	8	8	Cwt.	310	2,480	5.55	13,764
	1989	8	8		325	2,600	8.70	22,620
	1990	7	7		335	2,345	8.05	18,877
		- Actual Acres -			- Actual Tons -			
Garlic	1988	--	1,200	Tons	5.0	6,000	320.00	1,920
	1989	--	1,200		6.0	7,200	370.00	2,664
	1990	--	1,050		7.5	7,875	320.00	2,520
Onions	1988	--	630		25.0	15,750	280.00	4,410
	1989	--	600		35.0	21,000	280.00	5,880
	1990	--	700		25.0	17,500	260.00	4,550
All Main Crops	1988	--	--	--	--	--	--	163,883
	1989	--	--	--	--	--	--	190,176
	1990	--	--	--	--	--	--	181,592

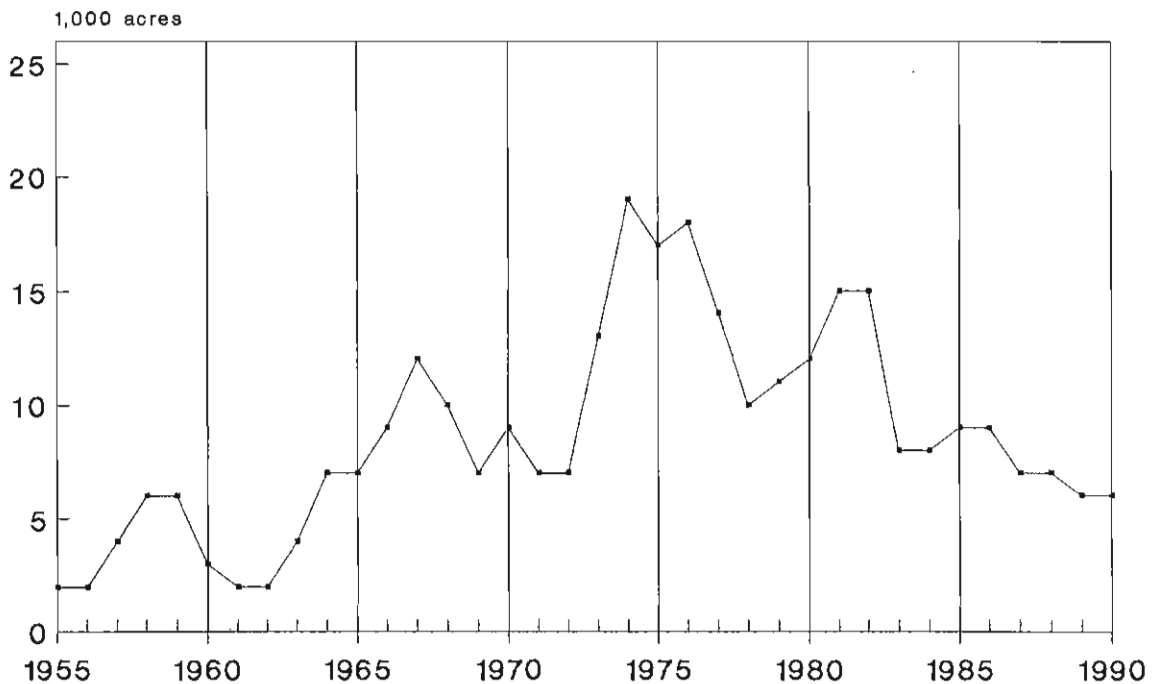
WINTER WHEAT: Acreage, Yield, Production, Price and Value, Nevada, 1981-90

Year	Acres Planted	Acres Harvested	Yield Per Acre <i>Bushels</i>	Production <i>000 Bu.</i>	Season Price Average <i>\$'s Per Bu.</i>	Value Of Production <i>000 \$'s</i>
1981	16,000	15,000	70	1,050	3.40	3,570
1982	16,000	15,000	70	1,050	3.53	3,707
1983	9,000	8,000	70	560	3.40	1,904
1984	9,000	8,000	80	640	2.90	1,856
1985	9,000	9,000	80	720	2.55	1,836
1986	10,000	9,000	90	810	2.05	1,661
1987	8,000	7,000	90	630	2.25	1,418
1988	8,000	7,000	80	560	3.45	1,932
1989	7,000	6,000	80	480	3.40	1,632
1990	7,000	6,000	70	420	2.40	1,029

WINTER WHEAT: Acreage, Yield and Production, By Counties, Nevada, 1989-90

County	1989				1990			
	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield <i>Bushels</i>	Production <i>Bushels</i>	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield <i>Bushels</i>	Production <i>Bushels</i>
Churchill	800	700	80.0	56,000	900	800	68.0	54,400
Humboldt	2,000	1,800	80.0	144,000	2,300	2,100	70.0	147,000
Lyon	600	400	80.0	32,000				
Pershing	2,000	1,800	85.0	153,000	2,500	1,900	83.0	157,000
Other Counties	400	300	73.3	22,000	800	700	52.0	36,400
Northwest	5,800	5,000	81.4	407,000	6,500	5,500	71.9	395,500
Eureka	300	200	75.0	15,000				
Other Counties	500	400	68.7	27,500				
Northeast	800	600	70.8	42,500	300	300	49.0	14,700
South	400	400	76.3	30,500	200	200	49.0	9,800
State	7,000	6,000	86.0	490,000	7,000	6,000	70.0	420,000

WINTER WHEAT HARVESTED ACRES



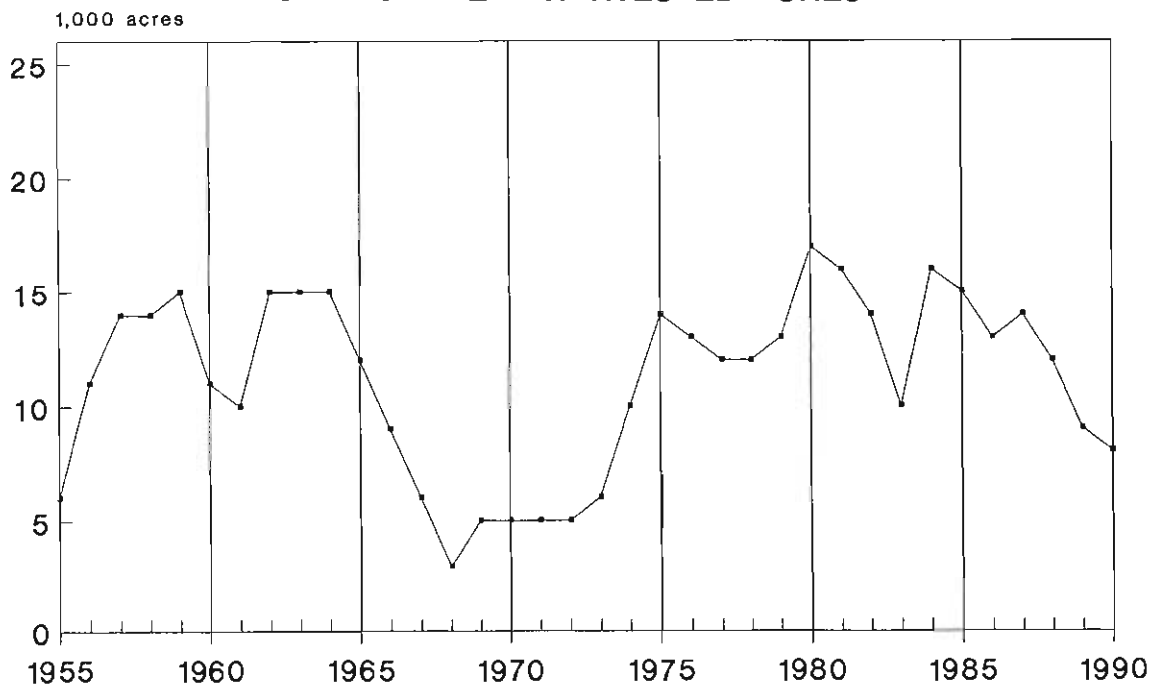
SPRING WHEAT: Acreage, Yield, Production, Price and Value, Nevada, 1981-90

Year	Acres Planted	Acres Harvested	Yield Per Acre <i>Bushels</i>	Production <i>000 Bu.</i>	Season Price Average <i>\$'s Per Bu.</i>	Value Of Production <i>000 \$'s</i>
1981	18,000	16,000	50	800	3.40	2,720
1982	16,000	14,000	60	840	3.53	2,965
1983	12,000	10,000	70	700	3.65	2,555
1984	18,000	16,000	75	1,200	3.05	3,660
1985	17,000	15,000	70	1,050	2.91	3,056
1986	15,000	13,000	70	910	2.20	2,002
1987	16,000	14,000	75	1,050	2.30	2,415
1988	14,000	12,000	65	780	3.75	2,925
1989	11,000	9,000	80	720	3.65	2,628
1990	9,000	8,000	70	560	2.40	1,344

SPRING WHEAT: Acreage, Yield and Production, By Counties, Nevada, 1989-90

County	1989				1990			
	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield <i>Bushels</i>	Production <i>Bushels</i>	Planted <i>Acres</i>	Harvested <i>Acres</i>	Yield <i>Bushels</i>	Production <i>Bushels</i>
Churchill	1,200	900	75.0	67,500	1,000	900	63.0	56,700
Humboldt	4,000	3,100	80.0	248,000	4,500	4,300	71.0	305,300
Lyon	700	600	75.0	45,000				
Pershing	3,100	2,600	85.0	221,000	2,100	1,500	75.0	112,500
Other Counties	300	300	73.3	22,000	700	600	60.0	36,000
Northwest	9,300	7,500	80.5	603,500	8,300	7,300	69.9	510,500
Eureka	500	400	75.0	30,000				
Lander	700	600	85.0	51,000				
Other Counties	300	300	68.3	20,500				
Northeast	1,500	1,300	78.1	101,500	500	500	83.0	41,500
South	200	200	75.0	15,000	200	200	40.0	8,000
State	11,000	9,000	80.0	720,000	9,000	8,000	70.0	560,000

SPRING WHEAT HARVESTED ACRES



BARLEY: Acreage, Yield, Production, Price and Value, Nevada, 1981-90

Year	Acres	Acres	Yield	Production	Season Price	Value Of
	Planted	Harvested	Per Acre	000 Bu.	Average	Production
			Bushels		\$'s Per Bu.	000 \$'s
1981	33,000	30,000	55	1,650	2.79	4,604
1982	35,000	32,000	80	2,650	2.43	6,221
1983	31,000	28,000	80	2,240	2.90	6,496
1984	27,000	24,000	90	2,160	2.55	5,808
1985	23,000	20,000	80	1,600	2.15	3,440
1986	18,000	16,000	90	1,440	1.85	2,664
1987	16,000	14,000	90	1,260	2.00	2,520
1988	14,000	12,000	80	960	2.65	2,544
1989	12,000	11,000	90	990	2.40	2,376
1990	12,000	9,000	75	675	2.15	1,451

BARLEY: Acreage, Yield and Production, By Counties, Nevada, 1989-90

County	1989				1990			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	1,000	800	85.0	68,000	1,700	1,400	75.0	105,000
Humboldt	7,300	6,800	95.0	646,000	5,300	4,300	80.0	344,000
Lyon	400	300	80.0	24,000				
Pershing	500	400	85.0	34,000	900	400	80.0	32,000
Washoe	200	200	80.0	16,000				
Other Counties	100	100	85.0	8,500	1,400	700	70.0	49,000
Northwest	9,500	8,600	92.6	796,500	9,300	6,800	77.9	530,000
Elko	400	400	80.0	32,000	600	400	70.0	28,000
Eureka	400	400	80.0	32,000				
Lander	400	400	80.0	32,000	500	400	65.0	26,000
White Pine	300	300	80.0	24,000				
Other Counties					600	600	68.3	41,000
Northeast	1,500	1,500	80.0	120,000	1,700	1,400	67.9	85,000
Clark	600	500	85.0	42,500	700	500	64.0	32,000
Other Counties	400	400	77.5	31,000	300	300	60.0	18,000
South	1,000	900	81.7	73,500	1,000	800	62.5	50,000
State	12,000	11,000	90.0	990,000	12,000	9,000	75.0	675,000

HAY: Acreage, Yield, Production, Price and Value, Nevada, 1981-90

Year	ALL HAY					ALFALFA HAY ¹		
	Acres	Yield	Season	Value	Production	Acres	Yield	Production
	Harvested	Per	Average	Of	Harvested	Per	Production	
	000	Tons	Price	000 \$	000	Tons	000 Tons	
		000 Tons	\$					
1981	470	2.30	1,081	70.00	73,220	220	3.55	781
1982	510	2.45	1,249	86.50	108,039	225	3.65	821
1983	530	2.46	1,302	91.00	118,482	230	3.90	897
1984	525	2.56	1,346	75.00	100,950	235	4.00	940
1985	495	2.63	1,392	80.50	104,811	235	4.10	964
1986	520	2.65	1,376	74.00	101,824	240	4.10	984
1987	515	2.68	1,380	77.00	106,260	245	4.20	1,029
1988	510	2.62	1,336	95.50	127,588	250	4.20	1,050
1989	520	2.81	1,463	96.00	140,448	245	4.40	1,078
1990	490	2.77	1,359	99.00	134,541	240	4.10	984

¹Alfalfa hay season average price and value of production are not available.

HAY: Acreage Harvested, Yield and Production, by Types, by Counties, Nevada, 1989

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	
Churchill	34,000	4.90	166,600	6,000	2.10	12,600	179,200
Douglas	8,900	3.90	34,710	7,000	1.90	13,300	48,010
Humboldt	34,000	5.00	170,000	42,000	1.50	63,000	233,000
Lyon	38,000	4.40	167,200	7,000	1.40	9,800	177,000
Carson City	300	4.30	1,290	200	1.30	260	1,550
Pershing	21,000	4.50	94,500	3,200	1.55	4,960	99,460
Storey	100	5.00	500	200	1.10	220	720
Washoe	13,000	4.60	59,800	7,000	2.00	14,000	73,800
Northwest	149,300	4.65	694,600	72,600	1.63	118,140	812,740
Elko	28,000	3.40	95,200	158,000	1.30	205,400	300,600
Eureka	20,000	4.20	84,000	10,000	1.30	13,000	97,000
Lander	10,000	3.70	37,000	17,000	1.25	21,250	58,250
White Pine	10,000	4.00	40,000	7,800	1.25	9,750	49,750
Northeast	63,000	3.77	256,200	192,600	1.29	249,400	505,600
Clark	5,000	6.00	30,000	1,200	2.70	3,240	33,240
Esmeralda	6,700	4.00	26,800	400	1.30	520	27,320
Lincoln	6,000	4.20	25,200	1,800	1.80	3,240	28,440
Mineral	2,000	3.60	7,200	200	1.30	260	7,460
Nye	8,000	4.75	38,000	6,000	1.70	10,200	48,200
South	27,700	4.55	127,200	9,600	1.82	17,460	144,660
State	245,000	4.40	1,078,000	275,000	1.40	385,000	1,463,000

HAY: Acreage Harvested, Yield and Production, by Types, by Counties, Nevada, 1990

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	
Churchill	32,500	4.60	149,500	8,000	2.25	18,000	167,500
Douglas	9,000	3.20	28,800	6,000	1.80	10,800	39,600
Humboldt	34,000	4.20	142,800	32,000	1.80	57,600	200,400
Lyon	40,000	4.65	186,000	8,000	2.50	20,000	206,000
Carson City	200	3.05	610	300	1.50	450	1,060
Pershing	21,000	4.10	86,100	4,000	1.65	6,600	92,700
Storey	200	4.30	860	100	1.50	150	1,010
Washoe	13,100	4.30	56,330	6,600	1.50	9,900	66,230
Northwest	150,000	4.34	651,000	65,000	1.90	123,500	774,500
Elko	26,000	2.10	54,600	142,000	1.30	184,600	239,200
Eureka	20,000	4.01	80,200	10,000	1.49	14,900	95,100
Lander	10,000	3.30	33,000	15,000	1.32	19,800	52,800
White Pine	10,000	3.68	36,800	8,000	1.90	15,200	52,000
Northeast	55,000	3.10	204,600	175,000	1.34	234,500	439,100
Clark	4,000	6.30	25,200	1,000	3.70	3,700	28,900
Esmeralda	6,000	5.85	35,100	1,000	1.50	1,500	36,600
Lincoln	5,000	5.10	25,500	2,000	1.90	3,800	29,300
Mineral	2,000	3.45	6,900	1,000	1.50	1,500	8,400
Nye	7,000	5.10	35,700	5,000	1.30	6,500	42,200
South	24,000	5.35	128,400	10,000	1.70	17,000	145,400
State	240,000	4.10	984,000	250,000	1.50	375,000	1,359,000

NEVADA ALFALFA HAY: Trucked into California, 1985-1990

Month	1985	1986	1987	1988	1989	1990
	----- Tons -----					
January	43,533	28,263	26,807	31,018	31,489	26,036
February	35,817	21,389	28,994	31,062	29,729	25,085
March	31,345	23,396	23,409	29,866	29,579	1,576
April	17,456	12,958	18,422	17,241	13,636	12,823
May	5,371	4,675	11,655	7,844	6,136	7,991
June	10,263	7,844	9,552	28,919	11,254	8,436
July	15,972	14,439	14,919	14,019	15,305	15,509
August	19,070	14,967	13,450	11,812	17,376	17,938
September	20,031	14,342	16,615	11,748	8,909	18,137
October	29,911	21,279	17,691	21,872	12,229	21,802
November	27,656	24,468	25,104	25,164	27,883	22,744
December	30,710	24,317	27,133	26,678	31,030	19,558
Total	287,135	212,337	233,751	257,243	234,555	197,635

NEVADA ALFALFA HAY CUBES: Trucked into California 1985-1990

Month	1985	1986	1987	1988	1989	1990
	----- Tons -----					
January	11,673	11,310	2,042	2,807	1,928	1,022
February	13,515	7,263	1,915	2,671	1,675	1,937
March	13,730	3,837	2,398	2,837	2,180	554
April	10,018	3,593	2,850	2,110	1,214	395
May	4,400	3,380	2,132	1,857	1,384	1,715
June	7,859	4,821	3,486	3,161	2,375	3,292
July	8,969	5,420	4,147	2,372	2,281	1,978
August	10,920	4,147	3,942	2,593	1,584	1,803
September	9,312	5,057	3,434	2,341	2,086	1,467
October	10,572	5,076	2,613	3,844	2,330	1,706
November	8,259	3,416	2,972	3,156	2,420	1,431
December	10,038	3,971	2,601	2,760	2,299	1,546
Total	119,265	51,309	34,532	32,509	23,756	18,846

SOURCE: 1990 Alfalfa Hay - California Market Summary, Federal-State Market News Service, Sacramento, CA.



POTATOES: Acreage, Yield, Production, Price and Value, Nevada, 1979-90

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production 000 Cwt.	Season	Value of Production 000 \$'s
					Average Price \$'s Per Cwt.	
1979	15,000	15,000	330	4,950	2.75	13,613
1980	13,000	13,000	340	4,420	5.20	22,984
1981	12,000	12,000	290	3,480	4.90	17,052
1982	13,000	13,000	315	4,095	2.60	10,647
1983	12,000	12,000	310	3,720	5.70	21,204
1984	10,000	10,000	330	3,300	4.60	15,180
1985	9,000	9,000	345	3,105	2.80	8,694
1986	9,000	9,000	350	3,150	4.15	13,073
1987	8,000	8,000	340	2,720	3.10	8,432
1988	8,000	8,000	310	2,480	5.55	13,764
1989	8,000	8,000	325	2,600	8.70	22,620
1990	7,000	7,000	335	2,345	8.05	18,877

ONIONS: Acreage, Yield, Production, Price and Value, Nevada, 1982-90

Year	Acres ¹ Planted	Acres Harvested	Yield Per Acre	Production Tons	Season	Value of Production 000 \$'s
					Average Price \$'s Per Ton	
1982	-	600	23	13,800	200.00	2,760
1983	-	500	21	10,500	210.00	2,205
1984	-	400	23	9,200	280.00	2,576
1985	-	600	21	12,600	200.00	2,520
1986	-	400	21	8,400	260.00	2,184
1987	-	460	25	11,500	200.00	2,300
1988	-	630	25	15,570	280.00	4,410
1989	-	600	35	21,000	280.00	5,880
1990	-	700	22	15,400	260.00	4,004

¹Not available.

GARLIC: Acreage, Yield, Production, Price and Value, Nevada, 1982-90

Year	Acres ¹ Planted	Acres Harvested	Yield Per Acre	Production Tons	Season	Value of Production 000 \$'s
					Average Price \$'s Per Ton	
1982	-	600	5.5	3,200	360.00	1,152
1983	-	800	6.0	4,800	440.00	2,112
1984	-	800	6.0	4,800	440.00	2,112
1985	-	900	6.0	5,400	400.00	2,160
1986	-	800	6.5	5,200	380.00	1,976
1987	-	660	7.0	4,600	360.00	1,656
1988	-	1,200	5.0	6,000	320.00	1,920
1989	-	1,200	6.0	7,200	370.00	2,664
1990	-	1,050	7.5	7,900	320.00	2,520

¹Not available.

ALFALFA SEED: Acreage, Yield, Production, Price and Value, Nevada, 1980-90

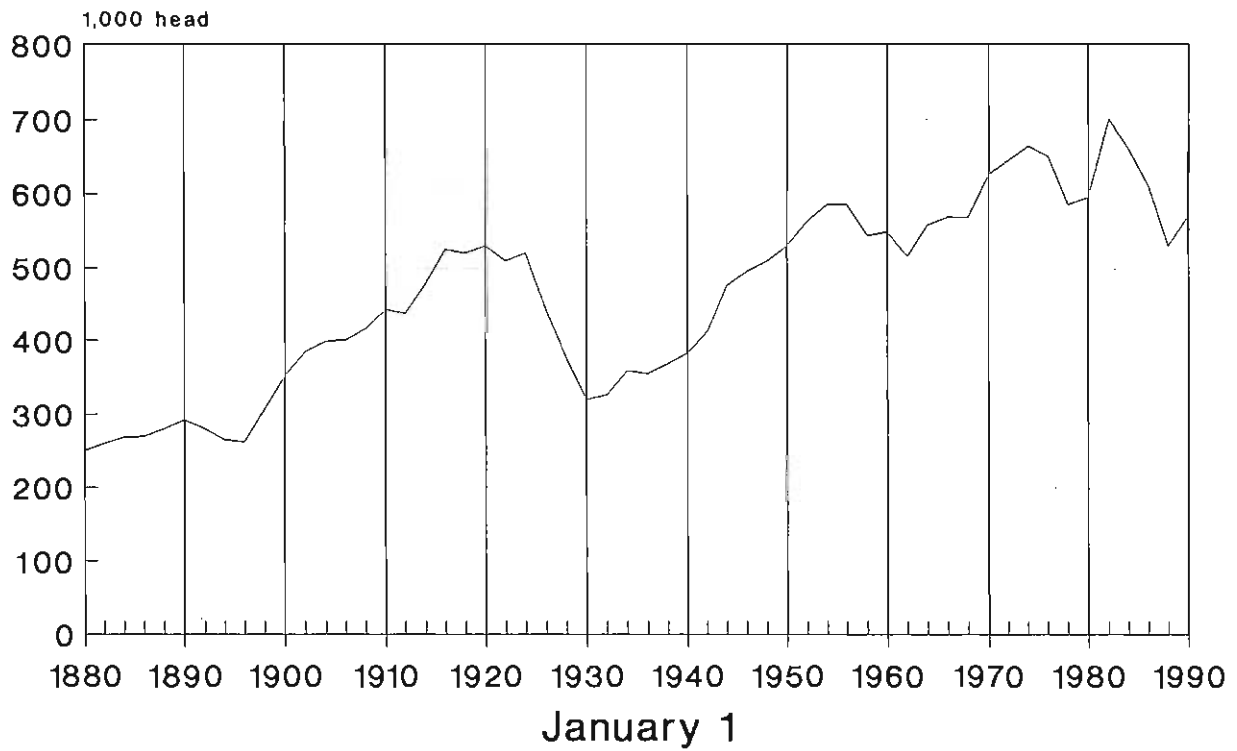
Year	Acres		Production		Value	
	Harvested	Yield Per Acre	Total	Season Average	Value of	
						Price
		Lbs.	000 Lbs.	\$'s Per Lbs.	000 \$'s	
1980	17,000	450	7,650	1.20	9,180	
1981	17,000	530	9,010	1.15	10,362	
1982	13,000	350	4,550	1.05	4,778	
1983	10,000	405	4,050	1.15	4,658	
1984	10,000	525	5,250	1.10	5,775	
1985	11,000	670	7,370	1.00	7,370	
1986	10,000	600	6,000	1.00	6,000	
1987	10,000	630	6,300	1.15	7,245	
1988	11,000	640	7,040	1.25	8,800	
1989	14,000	710	9,940	1.20	11,928	
1990	16,000	900	14,400	1.20	17,280	

ALFALFA SEED: Acreage, Yield, Production, by Counties, Nevada, 1984-90

Year	Humboldt	Pershing	All Other ¹	Nevada Total
----- Harvested Acres -----				
1984	2,700	7,000	300	10,000
1985	2,500	8,300	200	11,000
1986	2,500	7,300	200	10,000
1987	3,100	6,700	200	10,000
1988	3,700	7,100	200	11,000
1989	4,000	10,000	-	14,000
1990	5,300	10,700	-	16,000
----- Yield Per Acre In Lbs. -----				
1984	450	560	385	525
1985	540	715	425	670
1986	410	670	425	600
1987	490	700	450	630
1988	520	705	550	640
1989	635	740	-	710
1990	800	950	-	900
----- Production Of Clean Seed In 000 Lbs. -----				
1984	1,215	3,920	115	5,250
1985	1,350	5,935	85	7,370
1986	1,025	4,890	85	6,000
1987	1,520	4,690	90	6,300
1988	1,925	5,005	110	7,040
1989	2,540	7,400	-	9,940
1990	4,240	10,160	-	14,400

¹ Churchill, Lander, Lincoln, Nye, Washoe and White Pine.

Cattle and Calves Inventory



CATTLE AND CALVES: Inventory, January 1, 1990-91¹

Class of Livestock	NEVADA			U.S.		
	1990	1991	91 as	1990	1991	91 as
	--- 000 Head ---			--- 000 Head ---		
			% of 90			% of 90
			Pct.			Pct.
All Cattle And Calves	570	520	91	98,162	99,436	101
All Cows That Have Calved	310	300	97	43,353	43,779	101
Beef Cows	290	280	97	33,200	33,620	101
Milk Cows	20	20	100	10,153	10,159	100
Heifers 500 lbs.+	74	75	101	17,673	18,162	103
Beef Replacement	50	35	70	5,418	5,585	103
Milk Replacement	8	8	100	4,227	4,194	99
Other Heifers	16	32	200	8,028	8,383	104
Steers 500 lbs.+	34	35	103	15,911	16,548	104
Bulls 500 lbs.+	15	15	100	2,195	2,228	102
Calves Under 500 lbs.	137	95	69	19,031	18,720	98
Inventory Value (000 \$'s)	319,200	327,800	103	60,285,432	64,900,175	108
Value Per Head (\$'s)	560	630	113	614	653	106

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

CATTLE AND CALVES: Inventory, Supply and Disposition, Nevada, 1981-91

Year	Cattle Jan 1	All Calves Born	Inship- ments	Marketings		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
	--- 000 Head ---							
1981	640	290	30	134	92	5	11	18
1982	700	290	20	193	131	5	11	20
1983	650	295	25	162	109	5	12	22
1984	660	285	20	185	125	5	10	20
1985	620	270	25	151	120	5	10	19
1986	610	260	15	188	115	5	9	18
1987	580	235	10	164	104	5	7	15
1988	530	235	10	131	95	5	8	16
1989	520	255	20	113	77	5	10	20
1990	570	265	40	195	134	3	8	15
1991	520							

CATTLE AND CALVES: Production and Income, Nevada, 1981-90

Year	Production	Marketings	Value of		Value of Home Consumption	Gross Income
			Production	Cash Receipts ¹		
	--- 000 Lbs. ---		--- 000 \$'s ---			
1981	197,965	168,010	105,697	89,395	2,932	92,327
1982	209,305	262,015	100,572	124,001	2,154	126,155
1983	224,850	230,725	105,830	107,689	2,875	110,564
1984	219,110	258,425	105,263	123,418	2,392	125,810
1985	194,060	214,430	92,836	101,753	2,361	104,114
1986	199,625	249,875	96,094	119,670	2,399	122,069
1987	179,360	219,240	102,743	125,088	2,836	127,924
1988	170,000	179,475	113,508	119,298	3,321	122,619
1989	185,360	141,495	125,716	97,350	3,878	101,228
1990	179,100	225,760	131,528	167,132	3,117	170,249

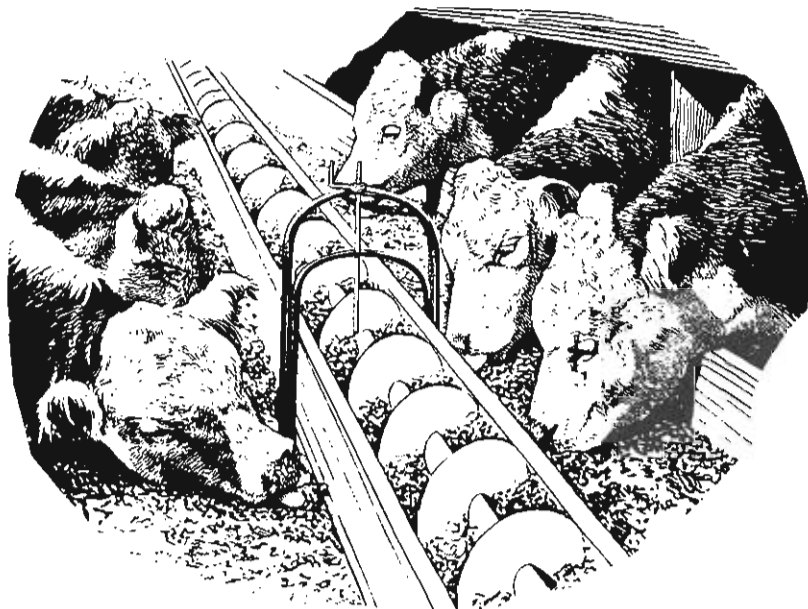
¹ Receipts from marketings and sale of farm slaughter.

CATTLE AND CALVES: Inventory, January 1, by Counties, Nevada, 1986-91

County & District	1986	1987	1988	1989	1990	1991
----- <i>Number of Head</i> -----						
Carson City	1,200	1,100	1,100	1,100	1,100	1,700
Churchill	65,000	59,000	50,000	48,000	54,000	46,000
Douglas	18,000	20,000	18,000	17,000	22,000	18,000
Humboldt	68,000	69,000	65,000	63,000	69,000	59,000
Lyon	48,000	47,000	42,000	41,000	47,000	41,000
Pershing	26,000	27,000	25,000	24,000	27,000	21,000
Storey	100	300	200	100	300	300
Washoe	33,000	32,000	31,000	30,000	31,000	28,000
Northwest	259,300	255,400	232,300	224,200	251,400	215,000
Elko	178,000	180,000	169,000	176,000	181,000	175,000
Eureka	37,000	17,000	15,000	12,000	15,000	14,000
Lander	29,000	38,000	35,000	34,000	37,000	34,000
White Pine	30,000	26,000	22,000	21,000	25,000	22,000
Northeast	274,000	261,000	241,000	243,000	258,000	245,000
Clark	16,000	16,000	14,000	13,000	15,000	15,000
Esmeralda	12,000	11,000	10,000	9,000	11,000	10,000
Lincoln	20,000	12,000	11,000	10,000	12,000	11,000
Mineral	4,700	4,600	3,700	3,800	3,600	4,000
Nye	24,000	20,000	18,000	17,000	19,000	20,000
South	76,700	63,800	58,700	52,800	60,060	60,000
State	610,000	550,000	530,000	520,000	570,000	520,000

CATTLE AND CALVES: Number on Feed, January 1, Nevada, 1988-91

Item	1988	1989	1990	1991	1991 as % of 1990
----- <i>Thousand Head</i> -----					
Number on Feed for Slaughter Market	28	29	28	45	161



HONEY: Production and Value, Nevada, 1977-1990

Year	Colonies Of Bees 000	Yield Per Colony Lbs.	Total Production 000 Lbs.	Price Per Pound Cents	Value Of Production 000 \$'s	Honey Stocks Dec. 15 000 Lbs.
1977	10	55	550	57.2	315	193
1978	9	40	360	60.2	217	108
1979	12	35	420	60.3	253	105
1980	11	60	660	72.0	475	231
1981	12	35	420	75.0	315	88
1982	<i>Discontinued in 1982 -- Reinstated in 1986..</i>					
1986	9	40	360	50.0	180	54
1987	11	30	330	79.0	261	66
1988	9	30	270	47.0	127	54
1989	15	54	810	50.0	405	162
1990	17	58	986	74.0	730	296



RANGE AND PASTURE CONDITION: First of Month, Nevada, 1970-90

Year	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	----- Percent -----								
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102	102	105	**
1984	88	95	84	89	88	95	96	105	**
1985	87	85	77	70	60	69	66	72	**
1986	**	89	87	83	83	70	72	72	**
1987	**	58	79	79	75	69	66	62	**
1988	**	64	61	60	60	58	56	56	**
1989	**	74	76	68	69	62	63	71	**
1990	**	68	70	73	61	63	61	63	**
1991	**	66	75	84	72				

* Data not available prior to 1972.

** Discontinued.

SHEEP AND LAMB INVENTORY: January 1, 1990-91¹

Class of Livestock	Nevada			United States		
	1990	1991	91 as % of 90	1990	1991	91 as % of 90
	--- 000 Head ---			--- 000 Head ---		
All Sheep & Lambs	101.0	98.5	98	11,363.3	11,200.1	99
On Feed	4.0	2.5	63	1,762.0	1,729.5	98
Stock Sheep	97.0	96.0	99	9,601.3	9,470.6	99
Lambs	14.0	14.0	100	1,636.2	1,692.8	103
Ewes	13.0	13.0	100	1,324.3	1,341.5	101
Wethers & Rams	1.0	1.0	100	311.9	351.3	113
One Year and Older	83.0	82.0	100	7,965.1	7,777.8	98
Ewes	80.0	79.0	99	7,608.9	7,428.9	98
Wethers & Rams	3.0	3.0	100	356.2	348.9	98
Inventory Value (000 \$'s)	9,292.0	7,289.0	78	901,545.0	734,868.0	82
Value per head (\$'s)	92.00	74.00	80	79.30	65.60	83

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

SHEEP AND LAMBS: Inventory, Supply and Disposition, Nevada, 1981-91

Year	Sheep & Lambs	Lamb	Inship-	Marketings		Farm	Deaths	
	Jan 1	Crop	ments	Sheep	Lambs	Slaughter	Sheep	Lambs
----- 000 Head -----								
1981	134	97	140	13	199	3	10	17
1982	129	92	159	18	221	3	10	18
1983	110	85	190	15	241	3	7	16
1984	103	83	164	7	215	3	8	17
1985	100	72	41	17	92	3	6	14
1986	81	73	2	2	43	3	7	15
1987	86	80	18	2	56	3	7	20
1988	96	74	4	15	43	3	8	18
1989	87	84	12	2	49	3	9	19
1990	101	80	13	7	61	3	9	15
1991	98.5							

SHEEP AND LAMBS: Production and Income, Nevada, 1981-90

Year	Production	Marketings	Value of Production	Cash Receipts ¹	Value of Home Consumption	Gross Income
	--- 000 Lbs. ---		--- 000 \$'s ---			
1981	9,395	22,325	4,688	11,499	118	11,617
1982	8,925	25,185	3,615	10,228	93	10,321
1983	11,830	29,655	4,566	11,497	85	11,582
1984	10,775	25,625	5,372	12,937	110	13,047
1985	7,085	12,780	3,747	6,461	123	6,584
1986	5,721	5,046	3,652	3,333	150	3,483
1987	6,476	6,476	4,027	4,471	158	4,629
1988	5,481	6,781	2,641	2,943	125	3,068
1989	6,102	5,102	3,240	2,909	133	3,042
1990	6,985	6,645	2,561	2,815	114	2,929

¹Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Inventory, January 1, by Counties, Nevada, 1986-91

County	1986	1987	1988	1989	1990	1991
Carson City	3,000	3,000	3,100	2,800	3,000	7
Churchill	4,000	5,000	4,900	1,800	2,000	2,000
Douglas	7,000	7,000	6,000	5,000	5,200	5,000
Elko	22,000	22,000	19,200	20,000	25,000	24,500
Eureka	4,000	4,000	5,600	2,300	2,800	7
Humboldt	4,000	6,000	7,700	5,500	5,600	7,000
Lander	4,000	4,000	4,000	3,000	3,700	7
Lyon	6,000	6,000	9,000	10,000	12,400	12,000
Nye	2,000	2,000	1,800	1,900	2,500	3,000
Pershing	7,000	9,000	11,000	12,000	12,000	8,000
Washoe	3,000	2,000	3,000	4,000	5,500	7
White Pine	14,000	15,000	19,700	18,000	18,700	18,000
All Other	1,000	1,000	1,000	700	2,600	19,000
State	81,000	86,000	96,000	87,000	101,000	98,500

¹Included in 'All Other' to avoid disclosing individual operations.

WOOL PRODUCTION AND VALUE: Nevada 1979-90

Year	Sheep Shorn <i>000 Head</i>	Weight per Fleece <i>Lbs.</i>	Wool Production <i>000 Lbs.</i>	Price per Pound <i>\$'s</i>	Value <i>000 \$'s</i>
1979	100	10.3	1,030	.84	865
1980	108	10.0	1,080	.88	950
1981	112	10.0	1,120	.97	1,086
1982	104	9.8	1,019	.67	683
1983	95	10.2	969	.64	620
1984	84	10.0	840	.89	748
1985	78	10.2	796	.62	494
1986	76	10.0	760	.68	517
1987	83	10.0	830	.95	789
1988	91	10.0	910	1.43	1,301
1989	82	9.5	779	1.42	1,106
1990	86	9.7	831	.84	698

LOSSES OF SHEEP AND LAMBS FROM PREDATORS: Number of Head and Total Value, Nevada 1990

Predator	Number of Head		% of Total Predators		Total Value	
	Sheep	Lambs	Sheep	Lambs	Sheep	Lamb
	<i>----- Dollars -----</i>					
Coyotes	3,200	6,300	71.1	68.5	262,400	182,700
Dogs	300	400	6.7	4.4	24,600	11,600
Mountain Lions	700	1,800	15.6	19.6	57,400	52,200
Bears	7	100	-	1.1		2,900
Foxes	0	0	-	-		
Eagles	100	300	2.2	3.3	8,200	8,700
Bobcats	100	200	2.2	2.2	8,200	5,800
All Other Animals	7	100	-	0.9		2,900
State Total	4,500	9,200	100.0	100.0	369,000	266,800

¹Less than 100.

HOG AND PIG INVENTORY: December 1, 1989-90¹

Class of Livestock	Nevada			United States		
	1989	1990	90 as % of 89	1989	1990	90 as % of 89
	000 Head			000 Head		
All Hogs & Pigs	14	14	100	53,821	54,562	101
Breeding	2	2	100	6,862	6,872	100
Market	12	12	100	46,959	47,690	102
Inventory Value (000 \$'s)	1,148	1,350	118	4,255,785	4,657,391	109
Value per head (\$'s)	82.00	97.00	118	79.10	85.40	108

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

HOGS AND PIGS: Inventory, Supply and Disposition, Nevada, 1980-91

Year	Hogs & Pigs	Pig Crop		Inship- ments	Marketings	Farm Slaughter	Deaths
	Dec ¹	Dec-May ¹	Jun-Nov				
	000 Head						
1980	11,000	9,100	9,000	100	15,200	1,000	1,000
1981	12,000	9,100	9,100	-	15,200	1,000	1,000
1982	13,000	9,100	10,000	-	16,800	500	800
1983	14,000	11,000	11,000	-	20,700	400	900
1984	14,000	12,000	10,000	-	21,800	300	900
1985	13,000	10,000	12,000	-	18,800	200	1,000
1986	15,000	10,000	11,000	-	20,800	200	1,000
1987	14,000	13,000	13,000	1,000	23,800	200	1,000
1988	16,000	12,400	14,200	1,000	27,800	200	1,000
1989	15,000	13,200	12,400	2,400	27,500	200	1,300
1990	14,000	14,500	12,500	2,500	27,000	500	2,000
1991	14,000						

¹December 1st of preceding year.

HOGS AND PIGS: Production and Income, Nevada, 1980-90

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	000 Lbs.		000 \$'s			
1980	3,578	3,322	1,404	1,307	134	1,441
1981	3,979	3,322	1,303	1,091	111	1,202
1982	3,813	3,596	1,669	1,577	75	1,652
1983	4,467	4,399	1,792	1,765	74	1,839
1984	4,688	4,566	1,658	1,616	49	1,665
1985	4,151	3,929	1,414	1,339	32	1,371
1986	4,288	4,171	1,824	1,774	40	1,814
1987	5,372	5,029	2,380	2,243	42	2,285
1988	5,563	5,641	1,850	1,903	31	1,934
1989	5,520	5,711	1,800	1,909	31	1,940
1990	5,460	5,510	2,390	2,476	97	2,573

COMMERICAL LIVESTOCK SLAUGHTER BY CLASSES: Nevada, 1986-90

Species & Year	Liveweight			Species & Year	Liveweight		
	Head No.	Average Lbs.	Total 000 Lbs.		Head No.	Average Lbs.	Total 000 Lbs.
<u>Cattle</u>				<u>Sheep & Lambs</u>			
1986	4,700	1,112	5,201	1986	2,400	122	292
1987	2,400	976	2,363	1987	2,100	118	253
1988	2,300	1,004	2,296	1988	2,300	120	276
1989	1,800	1,010	1,841	1989	2,000	123	248
1990	1,300	937	1,257	1990	2,700	123	337
<u>Calves</u>				<u>Hogs</u>			
1986	-	-	-	1986	2,700	205	556
1987	100	405	35	1987	2,200	228	500
1988	1,200	545	637	1988	2,400	209	502
1989	3,600	519	1,862	1989	2,000	231	462
1990	-	-	-	1990	2,100	249	516



COMMERICAL LIVESTOCK SLAUGHTER BY MONTHS: Nevada, 1990¹

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species Total Liveweight
	Head No.	Total Live- weight 000 Lb.	Head No.	Total Live- weight 000 Lb.	Head No.	Total Live- weight 000 Lb.	Head No.	Total Live- weight 000 Lb.	
January	100	92	-	-	100	13	200	41	146
February	100	71	-	-	100	13	100	35	119
March	100	80	-	-	100	12	100	35	127
April	100	105	-	-	100	17	100	28	150
May	100	135	-	-	200	19	300	59	213
June	100	83	-	-	300	35	200	43	161
July	100	115	-	-	400	49	200	50	214
August	100	121	-	-	400	54	300	62	237
September	100	109	-	-	300	38	100	32	179
October	100	117	-	-	400	47	100	28	192
November	100	126	-	-	200	24	200	61	211
December	100	102	-	-	100	17	200	44	163
Total	1,300	1,257			2,700	337	2,100	516	2,110

¹Totals may not add due to rounding.

MILK PRODUCTION: Farm Value, Utilization, and Marketing Receipts, Nevada, 1980-90

Year	MILK					
	Production <i>Million Lbs</i>	Value of Production <i>000 \$'s</i>	Utilization		Marketing Receipts	
			Farm Uses <i>Million Lbs</i>	Sold ¹ <i>Million Lbs</i>	Per lb - Milk Fat <i>\$'s</i>	Cash Receipts <i>000 \$'s</i>
1980	219	27,813	5	214	3.62	27,178
1981	223	29,882	5	218	3.79	29,212
1982	225	29,925	5	220	3.73	29,260
1983	227	30,418	5	222	3.81	29,748
1984	235	31,725	5	230	3.78	31,050
1985	242	30,976	5	237	3.52	30,336
1986	250	30,500	5	245	3.36	29,890
1987	263	32,875	5	258	3.47	32,250
1988	278	33,638	5	273	3.33	33,275
1989	295	39,088	5	290	3.67	38,426
1990	332	43,824	7	325	3.66	42,900

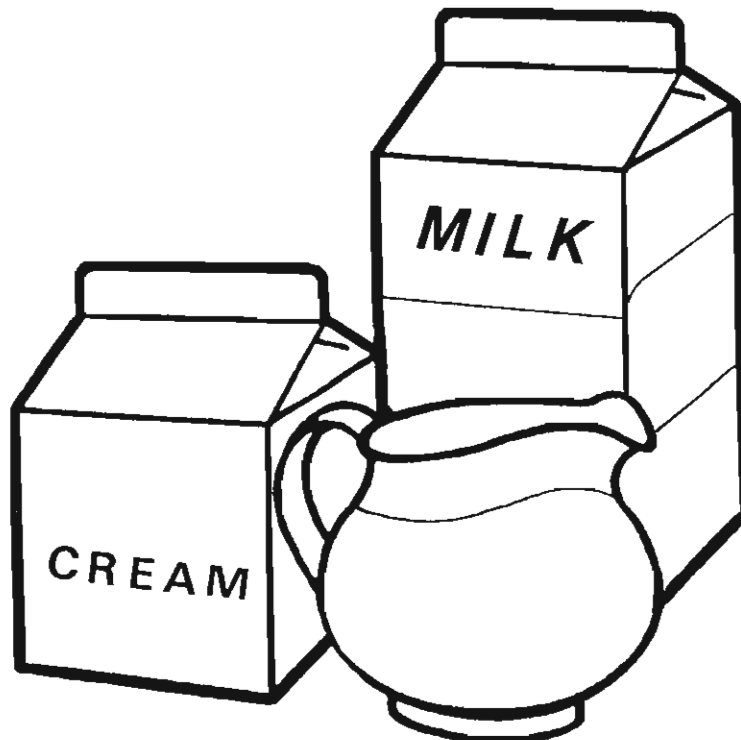
¹Milk equivalent of cream sold.

MILK: Cows Milked, Production per Cow, Total Production, by Quarter, Nevada, 1988-90

Quarter	COWS MILKED ¹			MILK PER COW ²			MILK PRODUCTION ²		
	1988	1989	1990	1988	1989	1990	1988	1989	1990
	<i>000's</i>			<i>Lbs</i>			<i>Million Lbs</i>		
Jan-Mar	19.0	19.0	20.0	3,515	3,750	4,000	66.8	71.3	80.0
Apr-Jun	19.0	20.0	20.0	3,760	3,840	4,300	71.4	76.8	86.0
Jul-Sep	19.0	20.0	20.0	3,715	3,685	4,100	70.6	73.7	82.0
Oct-Dec	19.0	20.0	20.0	3,640	3,660	4,200	69.2	73.2	84.0
Annual	19.0	19.8	20.0	14,632	14,899	16,600	278.0	295.0	332.0

¹Excludes heifers not yet fresh.

²Excludes milk sucked by calves.



**ALL MILK PRICES AND AVERAGE FAT TEST: Milk Sold by Farmers, by Months,
Nevada 1988-1990**

Month	All Milk Price per Cwt			Fat Test of Milk Sold		
	1988	1989	1990	1988	1989	1990
	----- \$'s -----			----- Percent -----		
January	12.40	12.80	15.30	3.80	3.79	3.72
February	12.25	12.80	14.30	3.70	3.77	3.67
March	12.15	12.80	13.50	3.65	3.61	3.60
April	12.00	12.40	12.70	3.60	3.49	3.47
May	11.80	12.40	12.90	3.58	3.48	3.50
June	11.65	12.40	13.10	3.48	3.45	3.42
July	11.55	12.60	13.40	3.45	3.47	3.39
August	11.80	12.80	13.70	3.49	3.55	3.52
September	12.40	13.20	13.70	3.54	3.62	3.61
October	12.20	13.70	12.50	3.62	3.66	3.74
November	12.45	13.80	12.10	3.73	3.71	3.84
December	12.90	14.60	11.10	3.81	3.72	3.91
Annual	12.10	13.10	13.20	3.63	3.61	3.61

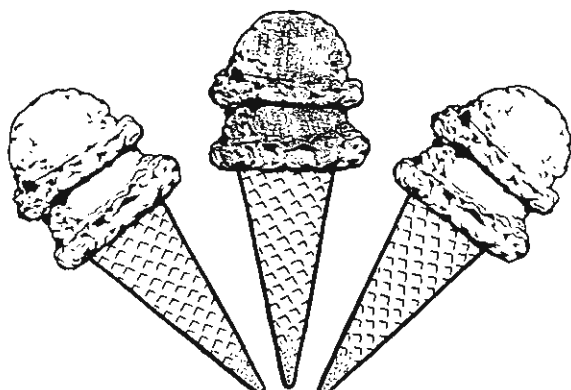
QUANTITIES OF MANUFACTURED DAIRY PRODUCTS: Nevada, 1988-90

	ICE CREAM ¹			ICE MILK ¹		
	1988	1989	1990	1988	1989	1990
	----- 000 Gallons -----					
Annual	1,303	1,289	1,480	1,675	2,078	3,184

¹Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION: By Counties, Nevada, 1989-90

County	1989			1990		
	Milk Cows	Milk per Cow	Milk Production	Milk Cows	Milk per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill	7,700	14,000	107.8	7,700	16,100	124.0
Clark	6,000	16,500	99.0	5,800	17,900	103.8
Douglas	2,000	14,500	29.0	1,900	16,400	31.2
Lyon	1,100	14,300	15.7	1,000	15,900	15.9
Washoe	900	14,000	12.6	900	15,800	14.2
All Other Counties	2,100	14,700	30.9	2,700	15,900	42.9
State	19,800	14,899	295.0	20,000	16,600	332.0



POULTRY: Number on Farms, Nevada, December 1, 1980-90

Year	All Chickens	Hens & Pullets of Laying Age	Not of Laying Age		Other Chickens
			Pullets 3 mos. & Older	Pullets Under 3 mos. Old	
			000 Head		
1980	13	10	1	1	1
1981	13	10	1	1	1
1982	15	10	2	2	1
1983	13	10	1	1	1
1984	17	12	2	2	1
1985	17	12	2	2	1
1986	17	12	2	2	1
1987	18	13	3	1	1
1988	17	13	2	1	1
1989	17	13	2	1	1
1990	14	11	1	1	1

CHICKENS AND EGGS: Production and Income, Nevada, 1980-90

Year	Chickens			Eggs		
	Pounds Sold	Price/Pound	Value of Sales	Eggs Produced	Price	Value of Production
	000 's	Cents	000 \$'s	Millions	Cents/Dozen	000 \$'s
1980	16	6.4	2	1.8	50.0	75
1981	16	6.2	2	1.8	55.6	83
1982	16	4.6	2	1.8	51.9	78
1983	16	7.0	1	1.8	47.9	72
1984	16	10.0	2	2.3	49.2	94
1985	16	7.8	1	2.2	42.5	78
1986	16	6.9	1	2.2	49.1	90
1987	16	9.1	1	2.2	40.2	74
1988	16	9.7	2	2.2	38.8	71
1989	16	13.0	2	2.3	56.0	107
1990	16	6.3	1	2.2	53.9	99

EGG PRODUCTION AND LAYERS: Quarterly and Annual, Nevada, 1989-90

Quarter	1989			1990		
	Average Number Layers	Eggs Produced Per 100 Layers	Total Millions	Average Number Layers	Eggs Produced Per 100 Layers	Total Millions
	000 Birds	Layers	Millions	000 Birds	Layers	Millions
December-February	13	3,077	0.4	13	3,846	0.5
March-May	13	4,615	0.6	13	4,615	0.6
June-August	13	5,385	0.7	13	5,385	0.7
September-November	13	4,615	0.6	12	3,333	0.4
Annual ¹	13	17,692	2.3	12	18,303	2.2

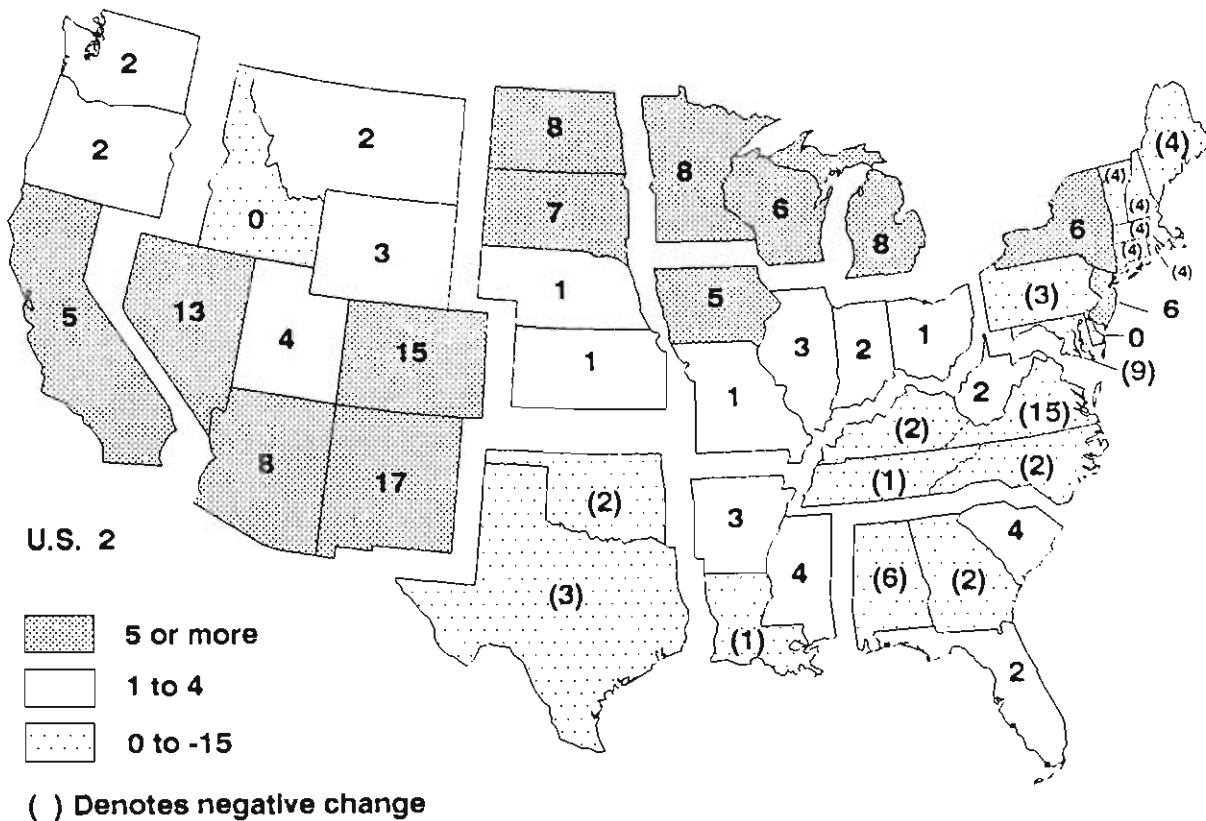
¹ Production per 100 layers is derived.

FARM REAL ESTATE: Average Value of Farm Land and Buildings, Selected States¹

State	Apr 1 1983	Apr 1 1984	Apr 1 1985	Feb 1 1986	Feb 1 1987	Feb 1 1988	Feb 1 1989	Jan 1 1990	Jan 1 1991
<i>Dollars</i>									
Montana	259	276	243	233	200	205	209	238	243
Idaho	814	808	739	631	552	572	595	661	659
Wyoming	193	199	181	159	157	147	142	149	153
Colorado	454	469	437	360	368	369	367	358	410
New Mexico	178	194	185	161	156	180	191	196	230
Arizona	289	311	295	271	299	279	274	263	285
Utah	560	570	513	476	451	425	421	389	403
Nevada	249	262	244	219	240	227	234	194	219
Washington	933	972	943	840	756	739	757	779	798
Oregon	705	719	615	570	541	542	535	571	583
California	1,918	1,981	1,841	1,730	1,554	1,575	1,657	1,704	1,787
48 States	785	801	713	640	599	632	661	668	682

¹ Nominal dollars.

Percent Change in Farmland Value Per Acre: January 1, 1990 to January 1, 1991



**FOREIGN OWNERSHIP OF AGRICULTURAL LAND: In Nevada, By County,
December 31, 1990**

County	Parcels	Acres	Reported Value ¹
	Number	Number	1,000 Dollars
Churchill	2	78	165
Clark	1	377	305
Douglas	3	1,038	4,938
Elko	4	110,960	3,468
Eureka	3	41,423	3,825
Humboldt	2	18,716	1,713
Lyon	1	200	529
Nye	1	400	130
Washoe	1	8	1,114
Total	18	173,200	16,187

¹ Reported value is purchase price or non-purchase price (estimated value) at time of acquisition.

**AGRICULTURAL LANDHOLDINGS OF FOREIGN OWNER: By Country in Nevada,
by County, December 31, 1990**

County	Canada	Germany	Netherlands			United Kingdom	All Others
			Netherlands	Antilles	Acres		
Churchill	53	0	0	0	0	0	25
Clark	0	0	0	377	0	0	0
Douglas	20	0	0	0	0	0	1,018
Elko	80	0	0	0	0	0	110,880
Eureka	0	41,423	0	0	0	0	0
Humboldt	17,916	0	0	0	0	0	800
Lyon	0	0	0	0	0	0	200
Nye	0	0	0	0	0	0	400
Washoe	8	0	0	0	0	0	0
Total	18,077	41,423	0	377	0	0	113,323

USE OF FOREIGN-OWNED LAND: In Nevada, by County, December 31, 1990

County	Cropland	Pasture	Forest	Other	Other Non-	Total
				Agriculture	Agriculture	
Churchill	63	0	0	0	15	78
Clark	150	0	0	0	227	377
Douglas	0	1,018	0	0	20	1,038
Elko	108,000	1,920	0	960	80	110,960
Eureka	1,500	36,200	0	3,723	0	41,423
Humboldt	1,370	17,346	0	0	0	18,716
Lyon	0	200	0	0	0	200
Nye	0	0	0	150	250	400
Washoe	0	0	0	0	8	8
Total	111,083	56,684	0	4,883	600	173,200

SOURCE: Foreign Ownership of U.S. Agricultural Land through December 31, 1991, County Level Data, USDA, ERS, 1991.

FARM LABOR

During the four survey periods between July 1990 and April 1991 the peak number of farm workers occurred in July when there was a total of 73,000 workers on farms and ranches in the Mountain II Region, which consists of Colorado, Nevada and Utah. The total hours worked by self-employed workers was at the highest level during July, but for hired workers it was during October.

Wage rates were generally higher during the January and April survey periods. The average wage rate for all hired workers, regardless of method of pay or type of workers, was highest in January at \$5.70 per hour. Workers paid on an hourly basis earned their highest wages during April when the average rate was \$5.74 per hour. Livestock workers received the highest wage rates of any nonsupervisory workers during January, but field workers received the highest nonsupervisory wage during the April survey period.

FARM LABOR AND WAGE RATES: Mountain II Region, July 1990, October 1990, January 1991 and April 1991¹

	July 8-14 1990	October 7-13 1990	January 6-12 1991	April 7-13 1991
----- Workers on Farms (000) ² -----				
Total	73	61	46	54
Self-employed	27	25	25	27
Unpaid	17	8	6	10
Hired	29	28	15	17
----- Hours Worked per Worker ² -----				
Self-employed	56.8	45.7	32.3	43.4
Unpaid Workers	37.8	35.3	30.8	32.2
Hired Workers	49.2	49.9	43.8	45.7
----- Method of Pay - Dollars per Hour ² -----				
Hourly	4.73	5.61	5.46	5.74
Other	5.48	5.16	6.04	5.62
All	5.00	5.45	5.70	5.67
----- Type of Work - Dollars per Hour ² -----				
Field Workers	4.71	5.24	5.09	5.62
Livestock Workers	4.95	5.04	5.46	5.21
Field and Livestock Workers	4.77	5.17	5.38	5.44
Supervisory	7.50	7.27	7.74	6.98

¹Mountain II Region consists of Colorado, Nevada and Utah.

²Excludes Agricultural service workers.



1990 PESTICIDE AND HERBICIDE APPLICATION SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted by the 1990 Custom Applicator licensees. Its accuracy is based on these monthly reports and the data there in does not constitute approval or recommendations by the Nevada State Department of Agriculture or the National Agricultural Statistics Service.

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>	
<u>ALFALFA</u>				
Aphids	Di-Syston	12.00 oz	53.0	
	Parathion 4	.50 pt	6,529.5	
	Ambush	8.00 oz	360.0	
	Cygon 400	1.00 pt	6,807.0	
	Dimethoate 267	1.00 pt	147.0	
	Dimethoate 400	1.00 pt	330.0	
		12.00 oz	562.0	
		Parathion	6.00 oz	1,590.0
		Parathion 4	12.00 oz	1,929.0
	Armyworms	Parathion	6.00 oz	864.0
Broadleaf Weeds	2,4-DB Amine	2.00 qt	50.0	
	2,4-DB Ester	1.00 qt	175.0	
		1.50 qt	70.0	
		1.50 qt	145.0	
		Aceto 2,4-DB Ester	1.50 qt	70.0
Cutworms	Ambush	7.00 oz	1,899.0	
	Lorsban 4E	1.00 pt	2,354.0	
	Parathion 4	12.00 oz	100.0	
	Sevin 5	30.00 lb	19.0	
	Grasshoppers	Drexel Dimethoate	1.00 pt	20.0
Thrips	Furadan	.50 pt	560.0	
	Parathion	6.00 oz	1,235.0	
	Dimethoate 400	1.00 pt	98.0	
Weeds	Buctril	1.00 pt	75.0	
	Gramoxone	1.50 qt	163.0	
	Poast	1.00 qt	167.0	
		2.50 pt	10.0	
		Velpar	1.00 qt	3,349.0
			1.50 qt	2,725.0
		Weedone 638	1.00 qt	142.0
Weevils	Dimethoate 267	.75 pt	55.0	
	Furadan	.50 pt	250.0	
		.66 pt	505.0	
		.75 pt	2,912.0	
Weevils/Aphids	Parathion	6.00 oz	1,551.6	
	Dimethoate 267	1.50 pt	1,465.0	
	Dimethoate 400	.75 pt	4,733.8	

Alfalfa con'd

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
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ALFALFA con'd

Weevils/Aphids	Dimethoate 400	1.00 pt	12,440.0
	Furadan	.50 pt	7,910.0
		1.00 pt	40.0
		1.50 pt	560.0
		12.00 oz	1,040.0
<i>Total Acres Treated</i>			<i>66,059.9</i>

ALFALFA HAY

Aphids	Lorsban 4E	1.50 pt	50.0
Armyworms		1.50 pt	125.0
<i>Total Acres Treated</i>			<i>175.0</i>

ALFALFA SEED

Aphids	Parathion	6.00 oz	160.0
	Phosdrin 4	1.00 pt	100.0
Broadleaf Weeds	Butoxin	3.00 pt	1,333.1
Defoliate	Diquat	1.00 pt	362.4
		1.00 qt	1,357.5
		2.00 pt	325.2
Defoliation	Des-I-Cate	1.00 gal	760.5
		1.25 gal	351.0
		1.50 gal	200.0
	Diquat	1.00 pt	255.0
		1.00 qt	194.2
Lygus/Aphids	Capture 2EC	4.00 oz	2,309.3
Mites	Comite	1.00 qt	1,371.7
	Sulfer DF	5.00 lb	288.0
Weeds	Poast	1.50 pt	80.0
Weevils	Furadan	.50 pt	377.9
	Imidan 50W	1.50 lb	55.0
	Parathion	6.00 oz	327.0
Weevils/Aphids	Metasystox R	1.00 qt	260.0
	Dimethoate 400	1.00 pt	675.0
	Furadan	.50 pt	495.0
<i>Total Acres Treated</i>			<i>11,637.8</i>

BARLEY

Aphids	Di-Syston	12.00 oz	2,067.0
	Malathion 8	1.50 pt	20.0
	Parathion	6.00 oz	51.0
Broadleaf Weeds	2,4-D Amine	1.00 qt	2,067.0
	Weedone 2,4-D	.50 pt	446.0
<i>Total Acres Treated</i>			<i>4,651.0</i>

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
<u>BRUSH</u>			
Mosquitoes	Baytex	3.20 oz	350.0
Total Acres Treated			350.0
<u>CORN</u>			
Aphids	Dimethoate 400	.75 pt	376.0
Broadleaf Weeds	2,4-D Amine	1.00 pt	440.0
		1.25 pt	245.0
	2,4-D Ester	4.00 pt	60.0
	Weedone 2,4-D	.50 pt	755.0
Total Acres Treated			1,876.0
<u>FALLOW</u>			
Broadleaf Weeds	2,4-D Amine	1.00 qt	40.0
		1.50 pt	70.0
	Barvel	3.00 oz	40.0
	LV4 Weedone	1.50 pt	375.1
Grasshoppers	Fyfanon ULV	8.00 oz	496.0
Weeds	Round-Up	3.00 qt	123.0
White Rot	Methyl Bromide	11.27 lb	375.0
Total Acres Treated			1,519.1
<u>GARLIC</u>			
Cutworms	Sevin 5	25.00 lb	50.0
		30.00 lb	218.0
Thrips	Ambush	.75 pt	112.0
		1.00 pt	25.0
Weeds	Buctril	1.50 qt	45.0
	Prowl	1.50 qt	290.0
Winter Weeds	Gramoxone	2.00 qt	483.0
Total Acres Treated			1,223.0
<u>GRAIN</u>			
Aphids	Di-Syston	10.00 oz	127.0
	Dimethoate 400	1.00 pt	48.0
		12.00 oz	1,004.0
Broadleaf Weeds	Parathion 4	1.00 pt	604.0
	2,4-D Amine	1.00 pt	40.0
		1.00 qt	160.0
		1.50 pt	1,196.0
Weeds	2,4-D LV4	1.50 pt	74.0
	Weedone 638	1.50 pt	80.0
Total Acres Treated			3,333.0

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
--------------------	-----------------	------------------	--------------

MINT

Aphids/Mites	Cythion 8	1.00 pt	125.0
Armyworms	Lorsban 4E	1.50 pt	240.0
Mites	Comite	1.00 qt	288.4
Weeds	Basagran	1.00 qt	90.0
	Buctril	1.00 pt	35.0
	Sinbar	.50 lb	90.0
		1.00 lb	148.0

Total Acres Treated 1,016.4

OATS

Aphids	Parathion	6.00 oz	108.0
Broadleaf Weeds	2,4-D Amine	1.50 pt	45.0
	2,4-D Ester	1.50 pt	517.0
	Weedone 2,4-D	.50 pt	612.5
Grasshoppers	Parathion	6.00 oz	30.0
Weeds	Buctril	1.00 qt	30.0
	Formula 40	1.00 qt	178.1

Total Acres Treated 1,520.6

ONIONS

Aphids	Ambush	12.00 oz	312.0
Cutworms	Sevin 5	20.00 lb	11.0
Fungus	Ridomil Bravo 81W	2.00 lb	240.0
Thrips	Ambush	1.00 pt	25.0
	Cymbush	4.00 oz	340.0
	Parathion 4	1.00 pt	80.0
Weeds	Gramoxone	1.50 qt	45.0
		2.50 pt	141.0
	Round-Up	1.00 pt	191.0
		1.00 qt	103.0
	Rovral	1.50 pt	320.0

Total Acres Treated 1,808.0

PASTURE

Mormon Crickets	Sevin 4 Oil	20.00 oz	3,000.0
Mosquitoes	Baytex	3.20 oz	650.0
	Dibrom	.75 oz	11,920.0
		8.00 oz	4,480.0
	Malathion	3.00 oz	5,160.0
	Malathion ULV-91	3.00 oz	26,901.0
Weeds	Weedone 638	2.00 qt	200.0

Total Acres Treated 52,311.0

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
<u>POTATOES</u>			
Aphids	Metasystox R	1.00 qt	40.0
	Thiodan	1.00 qt	5,422.9
Blight	Bravo	1.50 pt	10,505.4
	Rovral	1.00 qt	86.0
Defoliate	Diquat	1.00 pt	440.0
		1.00 qt	110.0
		1.50 pt	4,956.5
		2.00 pt	677.9
Defoliation	Des-I-Cate	1.00 gal	490.1
		1.50 gal	159.0
Dessication	Diquat	1.00 qt	114.2
Looper/Thrips	Monitor	1.00 qt	585.0
Loopers	Ambush	.50 pt	185.0
Storage Sprouts	Drexel Super Sprout STP	1.00 gal	438.0
Weeds	Dual 8E	1.00 qt	162.0
	Prowl	1.00 qt	2,614.0
	Sencor	1.00 pt	2,712.0
<i>Total Acres Treated</i>			<i>29,698.0</i>

RANCH

Grasshoppers	Malathion ULV-91	3.00 oz	5,190.0
<i>Total Acres Treated</i>			<i>5,190.0</i>

RANGE LAND

Mormon Crickets	Malathion	8.00 oz	12,320.0
	Sevin 4 Oil	20.00 oz	11,840.0
<i>Total Acres Treated</i>			<i>24,160.0</i>

RIGHT-OF-WAY (Railroad)

Broadleaf Weeds	Weddar 64	1.00 qt	108.0
Weeds	Round-Up	2.00 qt	120.5
<i>Total Acres Treated</i>			<i>228.5</i>

UNKNOWN

Mosquitoes	Baytex 7	1.30 oz	2,640.0
	Malathion 8	5.00 oz	5,920.0
<i>Total Acres Treated</i>			<i>8,560.0</i>

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
<u>WHEAT</u>			
Aphids	Di-Syston	12.00 oz	3,651.0
	Cygon 400	1.00 pt	109.0
	Malathion 8	1.25 pt	118.0
	Parathion	6.00 oz	80.0
Broadleaf Weeds	2,4-D Amine	1.00 qt	4,906.0
	2,4-D Ester	1.50 pt	297.0
		3.00 pt	145.0
	Aceto 2,4-DB Ester	1.50 qt	180.0
	Weedone 2,4-D	.50 pt	1,919.0
Russian White Aphids	Di-Syston	1.00 pt	100.0
		12.00 oz	50.0
	Imethoate 400	1.00 pt	70.0
	Malathion 8	1.25 pt	45.0
	Parathion	6.00 oz	528.5
	Thioan	1.50 pt	75.9
Weeds	Weedone 638	1.50 pt	75.9

Total Acres Treated 12,350.3



DIRECTORY: County Extension and ASCS Office Locations

Nevada Cooperative Extension Offices

CENTRAL AREA

Churchill County
111 Sheckler Road
Fallon, NV 89406
(702) 423-5121

Humboldt County
Fairgrounds
Winnemucca, NV 89445
(702) 623-6304

Lyon County
P.O. Box 811
26 Nevin Way
Yerington, NV 89447
(702) 463-3341 Ext. 236

Pershing County
P.O. Box 239
810 6th Street
Lovelock, NV 89419
(702) 273-2923

SOUTHERN AREA

Clark County
S. T. & P. Building, Ste. 207
953 East Sahara
Las Vegas, NV 89104
(702) 731-3130

East Clark County
P.O. Box 126
Highway 169
Logandale, NV 89021
(702) 397-2604

Esmeralda / Northern Nye County
P.O. Box 231
Military Circle, Building 107
Tonopah, NV 89049
(702) 482-6794

Southern Nye County
P.O. Box 1090
Calvada Blvd. & Dandelion St.
Pahrump, NV 89041
(702) 727-5532

Lincoln County
P.O. Box 68
360 Lincoln Street
Caliente, NV 89008
(702) 726-3101

WESTERN AREA

Carson City / Storey County
P.O. Box 662
675 Fairview Drive, Ste. 229
Carson City, NV 89702
(702) 887-2252

Douglas County
P.O. Box 338
Minden, NV 89423
1329 Waterloo Lane
Gardnerville, NV 89410
(702) 782-9960

Washoe County
P.O. Box 11130
1001 E. 9th
Reno, NV 89520
(702) 328-2650

Washoe County / Incline Village
Branch
P.O. Box 8208
865 Tahoe Blvd. Ste. 204
Incline Village, NV 89450
(702) 832-4150

NORTHEASTERN AREA

Elko County
569 Court Street
Elko, NV 89801
(702) 738-7291

Eureka County
P.O. Box 613
Bateman & Monroe
Eureka, NV 89316
(702) 237-5326

Lander County
125-04 Carson Rd #153-8
Smith Plaza
Battle Mountain, NV 89820
(702) 635-5565

White Pine County
P.O. Box 210
10th & Campton
Ely, NV 89301
(702) 289-4459

Nevada ASCS Offices

Caliente ASCS Office
360 Lincoln Street
P.O. Box 8
Caliente, NV 89008-0008
(702) 726-3101
(Serves Lincoln & White Pine
Counties)

Elko ASCS Office
2002 Idaho Street
Elko, NV 89801-2627
(702) 738-6445
(Serves Elko & Eureka Counties)

Fallon ASCS Office
111 Sheckler Road
P.O. Box 1205
Fallon, NV 89406
(702) 423-5127
(Serves Churchill, Storey &
Washoe Cos)

Las Vegas ASCS Office
3101 W. Charleston Blvd., Ste. A
Las Vegas, NV 89102
(702) 388-6311
(Serves Clark & Nye Counties)

Minden ASCS Office
1694 County Road
P.O. Box 1329
Minden, NV 89423-1329
(702) 883-2623
(Serves Douglas County and
Carson City)

Pershing County ASCS Office
Community Center Building
810 Sixth Street
P.O. Box 1070
Lovelock, NV 89419-1070
(702) 273-2922
(Serves Pershing County)

Winnemucca ASCS Office
1200 Winnemucca Blvd. East
Winnemucca, NV 89445-2920
(702) 623-5025
(Serves Humboldt & Lander
Counties)

Yerington ASCS Office
28 N. Main Street
P.O. Box C
Yerington, NV 89447-0803
(702) 463-2855
(Serves Lyon, Esmeralda & Mineral
Cos.)

