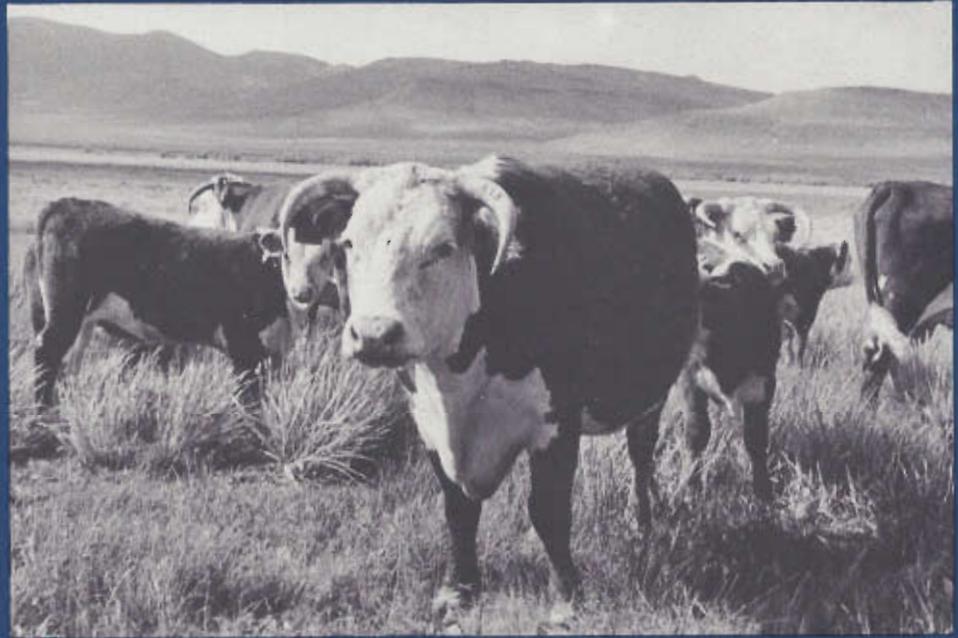
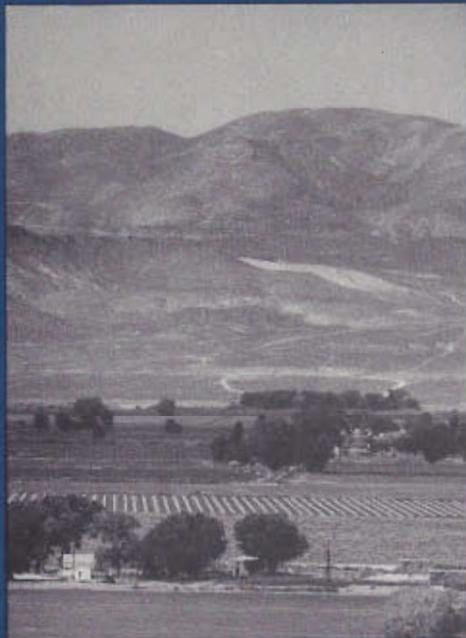
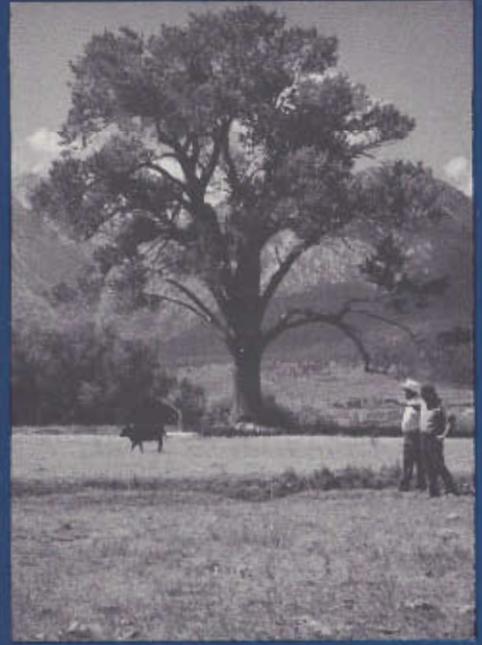
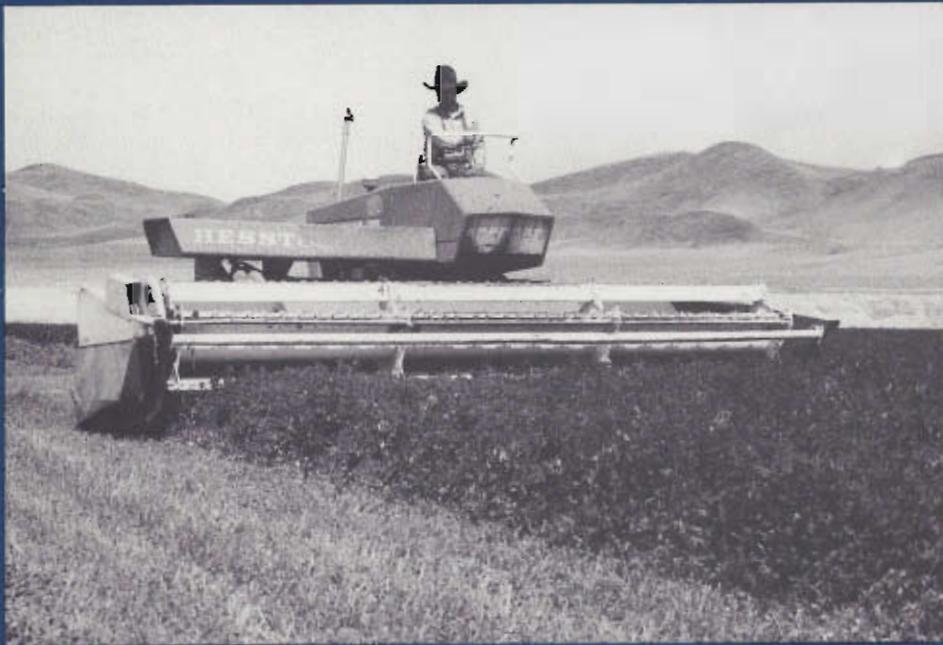


NEVADA

Agricultural Statistics

1986-87



NEVADA COUNTIES AND CROP REPORTING DISTRICTS

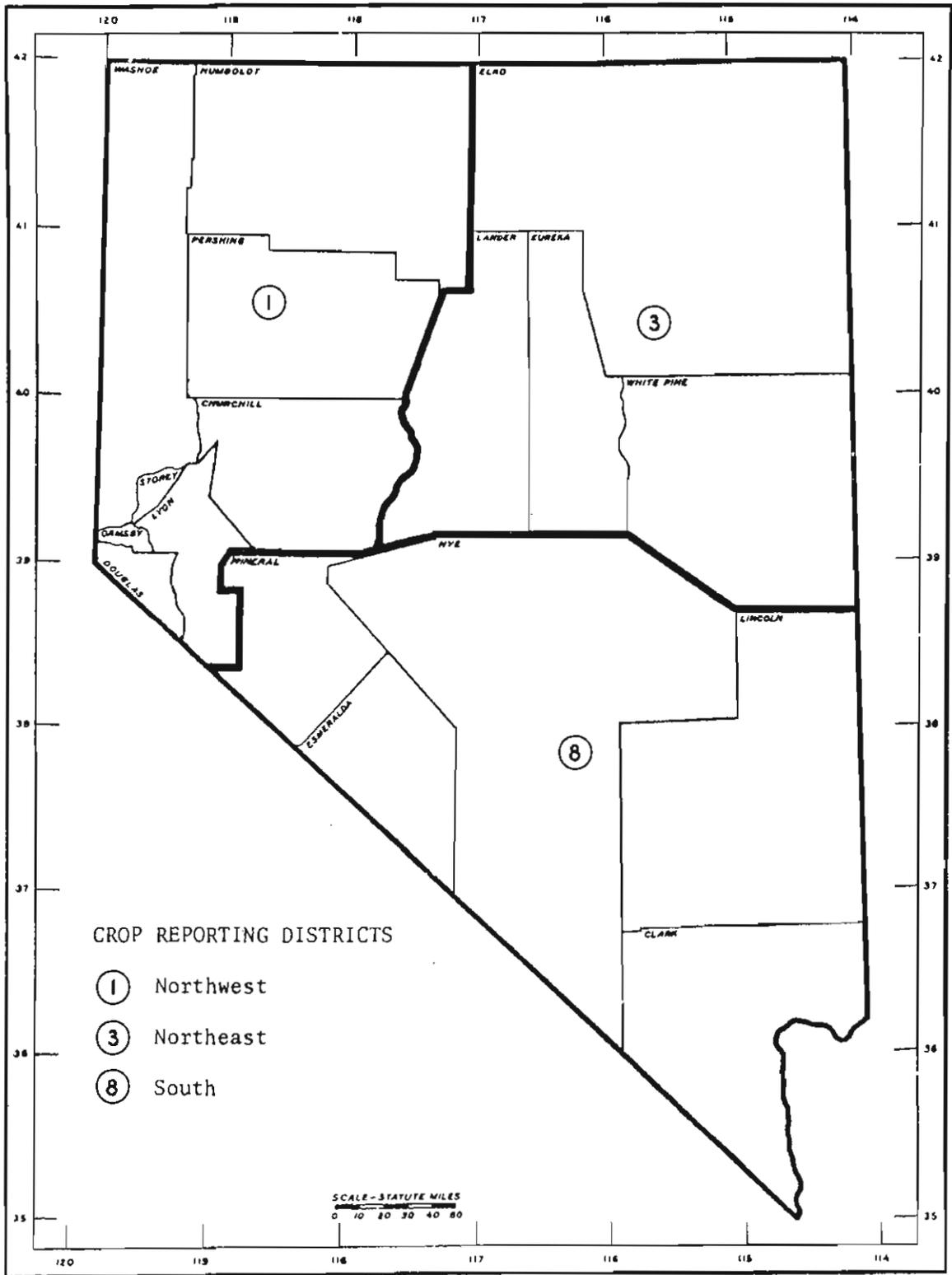


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1987

Nevada Department of Agriculture

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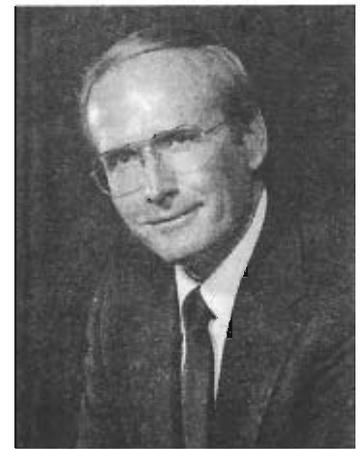
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THE STATE OF NEVADA
EXECUTIVE CHAMBER

Carson City, Nevada 89710

RICHARD H. BRYAN
Governor

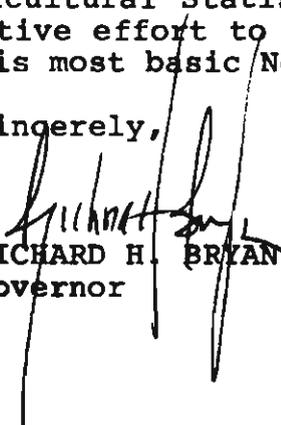


To The People of Nevada:

Nevada's agricultural industry is a vital part of our State's economy. The past few years have not been easy for agricultural producers in the Silver State. In these troubled times with ever changing economic and climatic factors it is even more important that producers and their organizations be well informed to make sound decisions. The information in this edition of Agricultural Statistics documents the size and scope of this basic industry and provides an important tool for those making decisions which impact agriculture.

This publication is a cooperative effort of the Nevada State Department of Agriculture, the University of Nevada Reno College of Agriculture and the USDA, National Agricultural Statistics Service. It represents a cooperative effort to insure health, and profitability to this most basic Nevada industry.

Sincerely,


RICHARD H. BRYAN
Governor

STATE OF NEVADA

RICHARD H. BRYAN
GOVERNOR



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To Friends of Nevada Agriculture:

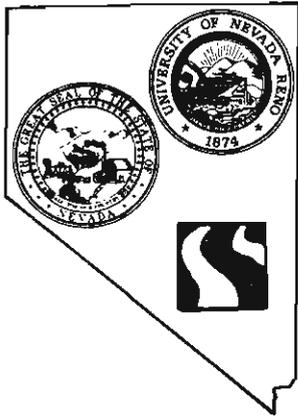
Today's agriculture is increasingly becoming a complex business, one that requires sophisticated management, marketing and investment decisions. This edition of Nevada Agricultural Statistics 1986-87, provides up-to-date and accurate information which I hope you will find useful in making decisions concerning agriculture. The information contained in it also helps familiarize oneself with Nevada's agriculture and the changes over time.

Compiling the statistical data in this publication is the result of cooperation between the Nevada State Department of Agriculture, the College of Agriculture University of Nevada-Reno and the National Agricultural Statistics Service, USDA, working closely with the Nevada ranchers and farmers who voluntarily provided the basic data. Their cooperation made this publication possible and it is greatly appreciated.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tom", is written over a horizontal line.

Thomas W. Ballow
Executive Director



NEVADA AGRICULTURAL STATISTICS SERVICE

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Reno, Nevada 89507-8880

Phone: (702) 784-5584

FOREWORD

This publication provides a comprehensive summary of agriculture in Nevada including estimates by counties for major crops and livestock. It also includes information on crop production, livestock numbers, farm income prices and weather.

There are many people who help make this bulletin possible. However, we would like to say a special "THANK YOU" to the Nevada ranchers, farmers and agricultural product handlers who supplied basic information by completing voluntary questionnaires or answering telephone requests. The information contained in this publication would not be possible without their help and cooperation. We also appreciate the hard work and dedication of our field interviewers, telephone interviewers, and all of the office staff, who had a part in carrying out the surveys, evaluating the results and establishing the estimates which are presented in this bulletin. A special thanks to Mary Burbach who helped with the word processing and the bulletin layout.

C.R. "Bud" Lies
State Statistician

Cooperating with

University of Nevada-Reno
College of Agriculture

State of Nevada
Department of Agriculture

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WEATHER SUMMARY, 1985-86

GENERAL: Precipitation for the water year October 1, 1985 through September 30, 1986 totaled 9.95 inches--about 13 percent above normal and nearly two inches more than a year earlier. Fall started with typical Indian Summer type weather that lasted throughout October and extended into mid-November. Pleasant fall weather ended abruptly as cold winter storms the remainder of November lowered temperatures and dropped record amounts of snow. January was mostly sunny with mild temperatures. Torrential rains in February produced mud slides, flooding, and road washouts--the worst on record since 1963. Weather moderated considerably during the spring season. Temperatures early in the summer season were at record high levels. First snow of the new season fell mid-September. Below freezing temperatures were common the last half of the month. Temperatures during the 1985-86 year averaged 51.5 degrees--about normal. July was replaced by August as the hottest month of the summer season with an average of 73.8 degrees.

FALL 1985: October started cool, but temperatures moderated until midmonth when cooler air masses brought snow at higher elevations and rain at valley floors. Remainder of the month had mostly sunny and clear skies--typical Indian Summer weather. A low pressure trough kept weak storms moving across northern areas toward the end of October. Greatest precipitation amounts were recorded in the northeast, mostly in the form of snow. November began with numerous clouds but little precipitation. Temperatures were slightly above normal and broke out into Indian Summer type weather the second week, but a winter storm brought the brief warm weather to a halt. Strong winds in advance of the storm were recorded in some gusts of 50 mph in southern areas. Record amounts of snow were dropped most areas. Heaviest snowfall occurred in western sections and high elevations of the Sierras. An inversion system resulted in several northern valleys blanketed in dense fog. Southern skies were mostly fair. Temperatures took a downward slide after the storms hit and sub-zero minimums were common throughout northern and central areas. For the entire month of November, temperatures were well below normal and precipitation was more than twice the normal amount.

WINTER 1985: December started like November ended, with below normal temperatures and significant precipitation. Heavy snow fell in the Sierras with mostly rain at lower elevations. By mid-month Arctic air dropped temperatures well below normal, all areas. Light to heavy morning fog was reported in several valleys. Smoke, haze, and smog filled the more populated western valleys. Both temperatures and precipitation averaged below normal. Early in January a series of upper level weather disturbances cleared the fog out of northern valleys and dropped widespread precipitation in the north and central areas. Under a high pressure system, warmer temperatures were common in all areas, averaging well above normal by midmonth. Remainder of January was mostly sunny with mild temperatures. Temperatures averaged well above normal in all areas and extended into February. Sunny skies prevailed briefly as a series of major tropical storms moved into western and northern areas, followed by torrential rains at valley floors and snow at higher elevations. Mud slides, flooding, and road washouts were common west and north. These storm fronts were the worst on record since 1963. Moderate to heavy rain continued another week, intensifying flooding and bringing western rivers to flood levels. Many areas were evacuated and extensive property damage occurred, including one drowning. Southern areas, in contrast, were mostly dry.

WEATHER SUMMARY, 1985-86, cont.

SPRING 1986: Heavy rains and flooding ended the beginning of March. A high pressure ridge produced warm, sunny afternoons and clear, mild nights. Summer-like weather continued to midmonth when the high pressure system weakened, opening the door to Pacific storm systems. Heavy rainfall amounts near the Sierras brought rivers in the extreme west to near flood levels again. Cooler air accompanying the storms lowered temperatures in all areas. Remainder of March was consistent with fickle spring weather, moving from much above normal temperatures with relatively dry conditions to a wet and cool pattern. April weather varied from winter-like storms with gusty winds and snow to warm, sunny, summer-type periods. Spring seemed to be omitted. Cold fronts moved across Nevada weekly, but sunny skies were interspersed between the frequent rain and snow showers. Precipitation was confined to the northern two-thirds of the State, with the extreme south relatively dry. Temperatures fluctuated widely from week to week and between areas but averaged mostly normal for the entire month of April. May weather alternated between cold, wet and windy to warm with sunny skies. Pacific storms the first half brought gusty winds, snow, and below normal temperatures. Remainder of the month had periodic storm fronts moving through but also had extended periods of warm, sunny weather. Frost damage was reported most areas during the last two weeks of May.

SUMMER 1986: Temperatures were at record high levels early in June, moderated a little the second week, but then averaged well above normal the remainder of the month. Widely scattered thunderstorms created more wind than rain and shut off completely by midmonth as no measurable precipitation was reported the rest of June. A few range fires occurred but acreages burned were relatively small compared with recent years. July started with above normal temperatures, widely scattered thunderstorms, and strong southwesterly winds gusting 40 to 50 miles per hour most areas. A cooling trend midmonth and beyond lowered temperatures but produced only light amounts of precipitation. An influx of subtropical air the last week of July led to significant rainfall all areas. Cloud cover associated with the moisture kept temperatures below normal. August started with below normal temperatures but quickly moved to above normal for the remainder of the month. A few scattered storms moved through the State midmonth and again near the end of August but produced only trace to light amounts of precipitation in a few scattered localities. September began with above normal temperatures and scattered thunderstorms, but a series of cold fronts quickly dropped temperatures well below normal. First snow of the season fell in the Sierras midmonth. Scattered storms the remainder of September brought rain and snow to all areas, and precipitation totals for the month were above average. This year fall entered the State disguised as winter. Considerable snow accumulated in the Sierras and other high elevation areas. Below freezing temperatures were common the last half of September.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1986

	1985			1986									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
	----- Degrees -----												
Temperature													
1985-86 :	50.4	34.5	30.6	38.3	40.5	47.0	48.7	57.6	69.3	70.2	73.8	56.9	51.5
Normal :	53.0	40.8	33.2	31.3	36.9	40.9	47.9	57.1	66.1	74.0	71.3	63.3	51.3
Departure:	-2.6	-6.3	-2.6	+7.0	+3.6	+6.1	+ .8	+ .5	+3.2	-3.8	+2.5	-6.4	+ .2
	----- Inches -----												
Precipitation													
1985-86 :	.65	1.62	.64	.47	2.11	1.09	.99	.49	.17	.51	.44	.77	9.95
Normal :	.57	.76	.94	.99	.83	.80	.75	.87	.72	.51	.56	.51	8.81
Departure:	+.08	+.86	-.30	-.52	+1.28	+.29	+.24	-.38	-.55	---	-.12	+.26	+1.14

USUAL PLANTING AND HARVESTING DATES, BY CROPS AND PRINCIPAL PRODUCING AREAS IN NEVADA

	1986 Harvested Acreage (000)	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Areas and Counties
			Begin	Most Active	End	
Barley						
Fall Sown	33	Sep 5-Oct 20	Jul 10	Jul 15-Aug 25	Sep 5	District 1
Spring Sown		Apr 5-May 10	Jul 20	Jul 25-Sep 1	Sep 15	District 1
Corn, Silage						
	3	May 1-Jun 1	Sep 1	Sep 10-Oct 1	Oct 10	Churchill Pershing
Hay						
Alfalfa	240		Apr 10 Jun 1		Nov 1 Oct 10	Clark District 1, 3
All Other	280		Jun 15		Sep 15	District 1, 3
Oats						
Wheat	4	Apr 1-May 25	Jul 25	Aug 5-Sep 1	Sep 10	Statewide
Winter						
	9	Sep 5-Oct 20	Jul 15	Aug 1-Aug 25	Sep 5	Humboldt Pershing
Spring						
	13	Apr 1-May 10	Jul 25	Aug 10-Sep 5	Sep 15	Humboldt Eureka Pershing Lander
Potatoes						
	9	Apr 25-Jun 10	Oct 1	Oct 10-Oct 30	Nov 10	Humboldt Lander Lyon Washoe
SEED CROPS						
Alfalfa	10		Aug 25	Sep 5-Oct 5	Oct 15	Humboldt Pershing Lander

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1976-87, 1/

Year	Nevada				United States			
	Number of Farms	Land in Farms		Number of Farms	Land in Farms			
		Average	Total		Average	Total		
		- Acres -	Thou. Acres		- Acres -	Thou. Acres		
1976	2,400	3,746	8,990	2,497	422	1,054,075		
1977	2,600	3,458	8,990	2,456	427	1,047,785		
1978	2,900	3,100	8,990	2,436	429	1,044,790		
1979	2,900	3,100	8,990	2,432	428	1,042,015		
1980	2,900	3,100	8,990	2,433	427	1,038,885		
1981	3,100	2,871	8,900	2,434	425	1,034,190		
1982	2,900	3,069	8,900	2,401	428	1,027,795		
1983	2,700	3,296	8,900	2,370	432	1,024,195		
1984	2,600	3,385	8,800	2,328	438	1,019,378		
1985	2,500	3,520	8,800	2,275	446	1,014,383		
1986	2,400	3,667	8,800	2,212	456	1,007,643		
1987 2/	2,400	3,667	8,800	2,173	461	1,002,463		

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

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1986, at the 2,400 level, was down from a year earlier. Number of ranches and farms includes places with annual sales of agricultural products of \$1,000 or more. The old definition prior to 1975 includes places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more.

A preliminary number of 2,400 farms is estimated for 1987 which stopped the downward trend. New land coming into production has been offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms held steady at 8,800,000 acres during the past few years.

NUMBER OF LIVESTOCK SPECIE FARMS, 1976-86

Year	Nevada				United States			
	Cattle	Milk	Sheep	Hogs	Cattle	Milk	Sheep	Hogs
		Cows				Cows		
		Number				Thousands		
1976	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
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	1,584.5	299.1	126.4	462.1
1984	1,700	400	270	200	1,543.5	284.7	123.5	429.6
1985	1,700	400	270	180	1,493.9	271.9	117.4	391.0
1986	1,700	400	300	150	1,449.7	254.8	114.8	346.9

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA, 1984-86

Item	1984		1985		1986 1/	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves	123,418	49.1	101,754	45.2	120,414	51.9
Dairy Products	33,210	13.2	33,408	14.8	32,818	14.2
Sheep & Lambs (Including Wool)	13,684	5.4	6,954	3.1	3,848	1.7
All Other Livestock & Products	2,060	.8	1,808	.8	2,452	1.0
Total Livestock & Products .	172,372	68.5	143,924	63.9	159,532	68.8
All Hay	40,496	16.1	46,987	20.9	46,042	19.9
Alfalfa Seed	5,800	2.3	7,414	3.3	6,378	2.8
Potatoes	17,708	7.1	12,329	5.5	7,647	3.3
Food & Feed Grains	8,844	3.5	8,879	3.9	6,979	3.0
Vegetables	5,996	2.4	5,497	2.4	4,969	2.1
All Other Crops	275	.1	255	.1	218	.1
Total Crops	79,119	31.5	81,361	36.1	72,233	31.2
Total All Commodities	251,491	100.0	225,285	100.0	231,765	100.0

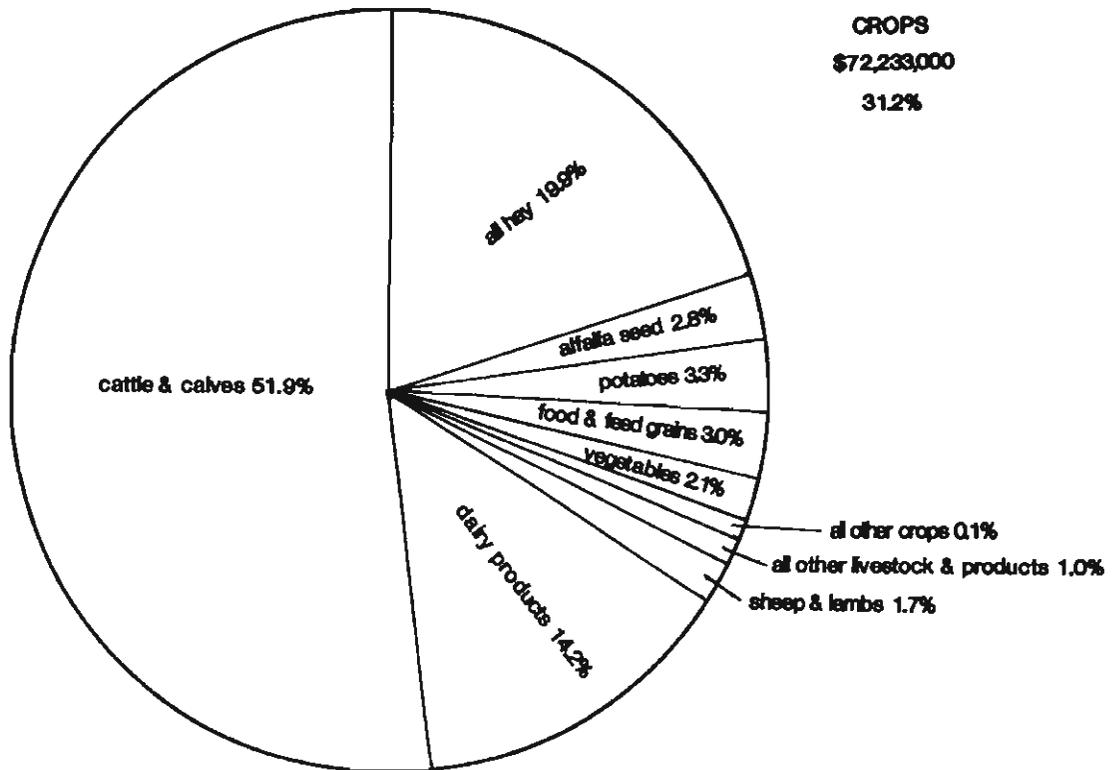
1/ Preliminary.

Cash Receipts From Farm Marketing of Commodities

1986

LIVESTOCK
\$159,532,000
68.8%

CROPS
\$72,233,000
31.2%



PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1984-86 1/

Item	1984	1985	1986
	Million Dollars		
Feed	34.6	29.1	26.3
Livestock.	13.7	10.5	5.2
Seed	4.0	3.9	3.5
Fertilizer and lime.	5.4	6.9	4.7
Repair and operation of capital items.	35.8	34.7	30.6
Hired labor.	21.9	22.1	22.3
Miscellaneous.	54.6	52.5	51.2
Total current farm operating expenses	170.0	159.7	143.8
Depreciation and other consumption of farm capital	44.3	42.5	38.6
Taxes on farm mortgage debt	3.6	3.5	3.5
Interest on farm mortgage debt.	27.8	27.4	25.3
Net rent to nonfarm landlords	5.4	3.0	4.3
Total Production Expense.	251.1	236.1	215.5

FARM INCOME REVERSES DOWNWARD TREND

Net farm income totaled 28.0 million dollars in 1986 compared with 16.3 million dollars a year earlier. The increase from 1985 was mainly due to a 9 percent drop in farm production expenses as cash receipts from farm marketings rose only 3 percent. Total gross farm income (before deducting farm production expenses and net change in inventories) was 262.3 million in 1986, up slightly from the preceding year.

FARM INCOME, NEVADA, 1984-86 1/

Item	1984	1985	1986
	Million Dollars		
Realized gross farm income			
Cash receipts from farm marketings.	251.5	225.3	231.8
Government payments	4.5	3.9	3.4
Non-money income.	29.9	28.5	25.1
Other farm income	2.0	2.5	2.0
Total gross farm income.	287.9	260.2	262.3
Farm production expenses	251.1	236.1	215.5
Realized net farm income	36.8	24.1	46.8
Net change in farm inventories	- 9.8	- 7.8	-18.8
Total net farm income.	27.0	16.3	28.0

1/ Details may not add to totals due to rounding.

ANNUAL CROP SUMMARY

Nevada ranchers and farmers produced nearly 1.7 million tons of selected crops in 1986--up 4 percent from 1985. All crops except barley, hay and winter wheat showed production decreases from the previous year. Acreage of total crops harvested was up 3 percent due to an increase in hay acreage. All other crops registered decreases in harvested acres except winter wheat which remained the same. Hay production was up from 1985 mainly due to an increase in acreage. Alfalfa hay was harvested from 240,000 acres with an average yield of 4.10 tons per acre totaling 984,000 tons compared with 940,000 tons a year earlier--a larger acreage in 1986, but the same average yield. Other types of hay (largely wild or meadow hay) were cut from 280,000 acres with an average yield of 1.40 tons per acre totaling 392,000 tons---up 16 percent from the previous year.

FIELD CROP SUMMARY, PRINCIPAL CROPS, NEVADA, 1985-86

Crop	1985				1986			
	Yield		Production	Yield		Production		
	Acres Harvested	Per Acre		Per Acre	Acres Harvested	Per Acre	Per Acre	
- Thousands -				- Thousands -				
Alfalfa Seed.	11,000	670	Lbs. 7,370	7,370	10,000	600	6,000	6,000
Barley. . . .	37,000	80	Bu. 2,960	6,364	33,000	90	2,970	5,495
Garlic. . . .	900	6	Tons 5.4	2,160	800	6.5	5.2	1,976
Hay, Alfalfa.	235,000	4.1	" 964	2/	240,000	4.1	984	2/
Hay, All. . .	495,000	2.63	" 1,302	104,811	520,000	2.65	1,376	101,824
Onions. . . .	600	21	" 12.6	2,520	400	21	8.4	2,184
Potatoes. . .	9,000	345	Cwt. 3,105	8,694	9,000	350	3,150	13,073
Wheat, All. .	24,000	73.8	Bu. 1,770	4,899	22,000	78.2	1,720	3,572
Wheat, Spring	15,000	70	" 1,050	3,056	13,000	70	910	1,911
Wheat, Winter	9,000	80	" 720	1,843	9,000	90	810	1,661

2/ Not available.

CROP VALUES

Value of selected crops grown in Nevada totaled \$134.1 million in 1986--down 2 percent from the 1985 value of \$136.8 million. Value decrease was due to both lower prices and smaller acreages for most crops. Potato prices increased 48 percent, but decreases of 20 percent were shown for winter wheat, 28 percent for spring wheat, 14 percent for barley and 8 percent for all hay.

ACREAGE, PRODUCTION AND VALUE, NEVADA, 1984-86

Crop	Acres Harvested			Tons Produced			Values		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
- Thousands -									
Grain									
Crops 1/	61.0	61.0	55.0	135.1	124.1	122.9	14,178	11,429	9,067
Alf. Seed	10.0	11.0	10.0	2.6	3.7	3.0	5,775	7,370	6,000
Potatoes	10.0	9.0	9.0	165.0	155.3	157.5	15,180	8,694	13,073
Garlic	.8	.9	.8	4.8	5.4	5.2	2,112	2,160	1,976
Onions	.4	.6	.4	9.2	12.6	8.4	2,576	2,520	2,184
All Hay	525.0	495.0	520.0	1,346.0	1,302.0	1,376.0	100,950	104,811	101,824
Total	607.2	577.5	595.2	1,662.7	1,603.1	1,673.0	140,771	136,818	134,124

1/ Wheat & Barley.

WINTER WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield		Season Average Price		Value of Production
			Per Acre Bushels	Production Thou. Bu.	Dol. Per Bu.	Thousand Dollars	
1977 . . .	15,000	14,000	60	840	2.65		2,226
1978 . . .	11,000	10,000	65	650	3.40		2,210
1979 . . .	12,000	11,000	70	770	4.15		3,196
1980 . . .	13,000	12,000	65	780	3.80		2,964
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 . . .	10,000	9,000	80	720	2.56		1,843
1986 . . .	10,000	9,000	90	810	2.05		1,661

WINTER WHEAT: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill . . .	1,000	900	80.0	72,000	900	800	85.0	68,000
Eureka . . .	500	400	65.0	26,000	500	400	75.0	30,000
Humboldt . . .	3,300	3,000	90.0	270,000	3,200	2,900	95.0	275,500
Lyon	1,300	1,100	70.0	77,000	1,200	1,000	85.0	85,000
Pershing . . .	2,200	2,000	85.0	170,000	2,500	2,300	100.0	230,000
All Others . .	1,700	1,600	66.0	105,000	1,700	1,600	76.0	121,500
State Totals	10,000	9,000	80.0	720,000	10,000	9,000	90.0	810,000

SPRING WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield		Season Average Price		Value of Production
			Per Acre Bushels	Production Thou. Bu.	Dol. Per Bu.	Thousand Dollars	
1977 . . .	13,000	12,000	50	600	2.60		1,560
1978 . . .	13,000	12,000	55	660	3.40		2,244
1979 . . .	14,000	13,000	50	650	4.00		2,600
1980 . . .	19,000	17,000	60	1,020	3.80		3,876
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	2.10		1,911

SPRING WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill . . .	1,600	1,300	70.0	91,000	1,200	1,000	75.0	75,000
Eureka . . .	1,000	800	60.0	48,000	900	700	65.0	45,500
Humboldt . . .	7,200	6,400	70.0	448,000	6,300	5,500	70.0	385,000
Lander . . .	400	300	60.0	18,000	400	300	75.0	22,500
Lyon	1,100	900	65.0	58,500	1,000	800	75.0	60,000
Pershing . . .	4,800	4,400	75.0	330,000	4,300	3,800	70.0	266,000
All Others . .	900	900	63.0	56,500	900	900	62.0	56,000
State Totals	17,000	15,000	70.0	1,050,000	15,000	13,000	70.0	910,000

BARLEY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield		Season Average Price		Value of Production	
			Per Acre	Production	Dol.	Per Bu.	Thousand Dollars	
			Bushels	Thou. Bu.				
1977 . . .	25,000	23,000	65	1,495	1.95		2,915	
1978 . . .	30,000	27,000	60	1,620	2.19		3,548	
1979 . . .	30,000	27,000	60	1,620	2.70		4,374	
1980 . . .	31,000	28,000	70	1,960	3.15		6,174	
1981 . . .	33,000	30,000	55	1,650	2.79		4,604	
1982 . . .	35,000	32,000	80	2,560	2.43		6,221	
1983 . . .	37,000	34,000	80	2,720	2.90		7,888	
1984 . . .	40,000	37,000	90	3,330	2.55		8,492	
1985 . . .	40,000	37,000	80	2,960	2.15		6,364	
1986 . . .	36,000	33,000	90	2,970	1.85		5,495	

BARLEY: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill . . .	4,100	3,800	75.0	285,000	3,800	3,400	85.0	289,000
Eureka . . .	3,600	3,200	70.0	224,000	3,100	2,700	85.0	229,500
Humboldt . . .	18,500	18,100	85.0	1,538,500	16,600	16,000	95.0	1,520,000
Lander . . .	1,200	1,000	60.0	60,000	1,100	900	75.0	67,500
Lyon . . .	3,600	3,200	80.0	256,000	3,200	2,900	85.0	246,500
Pershing . . .	3,100	2,800	85.0	238,000	2,900	2,500	100.0	250,000
Washoe . . .	900	700	70.0	49,000	800	700	80.0	56,000
White Pine . . .	1,200	1,000	70.0	70,000	1,000	800	85.0	68,000
All Others . . .	3,800	3,200	75.0	239,500	3,500	3,100	79.0	243,500
State Totals	40,000	37,000	80.0	2,960,000	36,000	33,000	90.0	2,970,000

HAY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	All Hay					Alfalfa Hay 1/		
	Acres Harvested	Yield	Production	Season	Value	Acres Harvested	Yield	Production
		Per		Average	of			
		Acres		Price	Production			
Tons	Thou. Dollars	Thou. Dols.	Tons	Thou. Tons				
1977 . . .	445	2.16	963	55.00	48,345	205	3.35	687
1978 . . .	480	2.26	1,084	52.50	56,910	220	3.45	759
1979 . . .	495	2.18	1,081	82.00	88,642	215	3.40	731
1980 . . .	500	2.19	1,095	90.50	99,098	215	3.50	753
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	1,302	80.50	104,811	235	4.10	964
1986 . . .	520	2.65	1,376	74.00	101,824	240	4.10	984

1/ Alfalfa Hay Season Average Price and Value of Production are not available.

**HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES,
BY COUNTIES, NEVADA, 1985**

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill.	32,000	4.60	147,200	3,000	1.70	5,100	152,300
Douglas.	7,000	3.40	23,800	7,000	1.60	11,200	35,000
Humboldt	38,000	4.30	163,400	46,200	1.10	50,820	214,220
Lyon	34,000	4.20	142,800	5,000	1.60	8,000	150,800
Carson City.	400	3.80	1,520	300	1.40	420	1,940
Pershing	17,000	4.50	76,500	2,000	1.60	3,200	79,700
Storey	100	3.80	380	100	1.10	110	490
Washoe	11,000	4.20	46,200	8,000	1.90	15,200	61,400
District 1	139,500	4.31	601,800	71,600	1.31	94,050	695,850
Elko	27,000	3.80	102,600	153,800	1.25	192,250	294,850
Eureka	18,000	3.60	64,800	9,000	1.60	14,400	79,200
Lander	10,000	4.10	41,000	13,000	1.30	16,900	57,900
White Pine	12,000	2.80	33,600	4,800	1.50	7,200	40,800
District 3	67,000	3.61	242,000	180,600	1.28	230,750	472,750
Clark.	6,000	5.20	31,200	500	2.60	1,300	32,500
Esmeralda.	6,000	4.10	24,600	300	1.20	360	24,960
Lincoln.	5,500	3.80	20,900	800	1.30	1,040	21,940
Mineral.	3,000	4.10	12,300	200	1.50	300	12,600
Nye.	8,000	3.90	31,200	6,000	1.70	10,200	41,400
District 8	28,500	4.22	120,200	7,800	1.69	13,200	133,400
State Total.	235,000	4.10	964,000	260,000	1.30	338,000	1,302,000

**HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES,
BY COUNTIES, NEVADA, 1986**

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill.	32,000	4.50	144,000	3,000	1.80	5,400	149,400
Douglas.	7,000	3.90	27,300	8,000	1.70	13,600	40,900
Humboldt	38,000	4.10	155,800	47,000	1.25	58,750	214,550
Lyon	35,000	4.10	143,500	6,000	1.75	10,500	154,000
Carson City	300	4.00	1,200	300	1.40	420	1,620
Pershing	19,000	4.40	83,600	3,000	1.70	5,100	88,700
Storey	100	4.00	400	200	1.10	220	620
Washoe	11,000	4.30	47,300	9,000	2.00	18,000	65,300
District 1	142,400	4.24	603,100	76,500	1.46	111,990	715,090
Elko	27,000	3.10	83,700	164,400	1.35	221,940	305,640
Eureka	19,000	3.90	74,100	10,000	1.70	17,000	91,100
Lander	10,000	3.90	39,000	15,000	1.30	19,500	58,500
White Pine	12,000	3.70	44,400	5,000	1.50	7,500	51,900
District 3	68,000	3.55	241,200	194,400	1.37	265,940	507,140
Clark.	6,000	5.10	30,600	500	2.60	1,300	31,900
Esmeralda.	6,000	4.40	26,400	400	1.30	520	26,920
Lincoln.	6,600	4.00	26,400	1,000	1.45	1,450	27,850
Mineral.	3,000	4.10	12,300	200	1.50	300	12,600
Nye.	8,000	5.50	44,000	7,000	1.50	10,500	54,500
District 8	29,600	4.72	139,700	9,100	1.55	14,070	153,770
State Total.	204,000	4.10	984,000	280,000	1.40	392,000	1,376,000

POTATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre Cwt.	Production Thou. Cwt.	Season Average Price		Value of Production Thousand Dollars
					Dol.	Per Cwt.	
1977 . .	14,000	14,000	340	4,760	2.90		13,804
1978 . .	17,000	17,000	320	5,440	2.40		13,056
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

ONIONS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1981-86 1/

Year	Acres Planted	Acres Harvested	Yield Per Acre Tons	Production Thou. Tons	Season Average Price		Value of Production Thousand Dollars
					Dol.	Per Ton	
1981 . .	2/	600	20	12,000	195.00		2,340
1982 . .	2/	600	23	13,800	200.00		2,760
1983 . .	2/	500	21	10,500	210.00		2,205
1984 . .	2/	400	23	9,200	280.00		2,576
1985 . .	2/	600	21	12,600	200.00		2,520
1986 . .	2/	400	21	8,400	260.00		2,184

1/ Not official estimates.

2/ Not available.

GARLIC: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1981-86 1/

Year	Acres Planted	Acres Harvested	Yield Per Acre Tons	Production Thou. Tons	Season Average Price		Value of Production Thousand Dollars
					Dol.	Per Ton	
1981 . .	2/	600	6.0	3.6	420.00		1,512
1982 . .	2/	600	5.5	3.2	360.00		1,152
1983 . .	2/	800	6.0	4.8	440.00		2,112
1984 . .	2/	800	6.0	4.8	440.00		2,112
1985 . .	2/	900	6.0	5.4	400.00		2,160
1986 . .	2/	800	6.5	5.2	380.00		1,976

1/ Not official estimates.

2/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres	Acres	Yield	Production	Season	Value
	Planted	Harvested	Per Acre		Average	of
			Pounds	Thou. Lbs.	Dol. Per Lb.	Thousand Dollars
1977 . . .	1/	15,500	520	8,060	1.25	10,075
1978 . . .	1/	17,000	365	6,205	1.35	8,377
1979 . . .	1/	18,000	405	7,290	1.30	9,477
1980 . . .	1/	17,000	450	7,650	1.20	9,180
1981 . . .	1/	17,000	530	9,010	1.15	10,362
1982 . . .	1/	13,000	350	4,550	1.05	4,778
1983 . . .	1/	10,000	405	4,050	1.15	4,658
1984 . . .	1/	10,000	525	5,250	1.10	5,775
1985 . . .	1/	11,000	670	7,370	1.00	7,370
1986 . . .	1/	10,000	600	6,000	1.00	6,000

1/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, NEVADA, 1981-86

Year	Humboldt	Pershing	All Other	1/	Nevada Total
Acres Harvested					
<u>Acres</u>					
1981	6,200	10,000		800	17,000
1982	4,500	8,000		500	13,000
1983	2,900	6,800		300	10,000
1984	2,700	7,000		300	10,000
1985	2,500	8,300		200	11,000
1986	2,500	7,300		200	10,000
Yield Per Acre					
<u>Pounds</u>					
1981	400	620		410	530
1982	300	380		320	350
1983	330	440		335	405
1984	450	560		385	525
1985	540	715		425	670
1986	410	670		425	600
Production of Clean Seed					
<u>Thousand Pounds</u>					
1981	2,480	6,200		330	9,010
1982	1,350	3,040		160	4,550
1983	955	2,995		100	4,050
1984	1,215	3,920		115	5,250
1985	1,350	5,935		85	7,370
1986	1,025	4,890		85	6,000

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

LIVESTOCK SUMMARY

Total cattle numbers in Nevada continued their downward trend. The January 1, 1987 inventory was down 10 percent from a year earlier. Beef cows totaled 266,000 head at the beginning of 1987--down 12 percent from the preceding year. Milk cows held steady during the year. Beef replacement heifers decreased 12 percent from the previous year, but milk replacement heifers jumped 33 percent. Steers 500 lbs+ dropped 12 percent and calves under 500 lbs decreased 11 percent. About 260,000 calves were born on Nevada ranches and farms during 1986, down 4 percent from 1985.

Sheep and lamb numbers reversed a downward trend and registered a 6 percent increase from a year earlier. Stock sheep were estimated at 86,000 head at the beginning of the year. Ewe lambs jumped 40 percent and ewes one year old and older increased 6 percent. Lambs saved during 1986 increased 1 percent from the previous year.

Hogs and pigs on December 1, 1986 were down 7 percent from a year earlier.

LIVESTOCK ON FARMS, JANUARY 1, 1985-87 1/

Species	Nevada				United States			
	1985	1986	1987	87 as % of 86	1985	1986	1987	87 as % of 86
	Thousand Head - Pct.				Thousand Head - Pct.			
Cattle and Calves	620	610	550	90	109,749	106,468	102,031	97
Cows That Calved	325	320	285	90	46,174	44,810	44,457	99
Beef Cows	307	301	266	88	35,370	33,633	33,910	101
Milk Cows	18	19	19	100	10,805	11,177	10,547	94
Heifers 500 lbs+	63	290	265	91	18,358	18,000	17,037	95
Beef Repl.	43	41	36	88	5,542	5,149	5,154	100
Milk Repl.	6	6	8	133	4,760	4,761	4,335	91
Other Heifers	14	14	16	114	8,056	8,090	7,548	93
Steers 500 lbs+	43	43	38	88	16,369	15,967	15,249	96
Bulls 500 lbs+	17	16	15	94	2,411	2,261	2,204	97
Calves Under 500 lbs	172	170	152	89	26,436	24,431	23,084	94
Sheep and Lambs	100	81	86	106	10,442.7	9,983.1	10,327.5	103
On Feed	10	3	--	--	1,596.0	1,492.0	1,504.0	101
Stock Sheep	90	78	86	110	8,846.7	8,491.1	8,823.5	104
Lambs	13	11	15	136	1,299.7	1,365.1	1,662.9	122
Ewes	12	10	14	140	1,015.8	1,047.5	1,296.2	124
Wethers & Rams	1	1	1	100	283.9	317.6	366.7	115
One Year and Older	77	67	71	106	7,547.0	7,126.0	7,160.6	100
Ewes	75	65	69	106	7,233.4	6,816.5	6,840.9	100
Wethers & Rams	2	2	2	100	313.6	309.5	319.7	103
Hogs and Pigs 2/	13	15	14	93	54,073.0	52,313.0	50,960.0	97

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

2/ December 1, preceding year.

FARM VALUES

Inventory numbers were below last year for cattle, calves, hogs and pigs, but up for sheep and lambs. Per head values were up for all livestock species. Total inventory value at \$215 million was 6 percent below a year earlier. Higher per head values for cattle and hogs were not enough to offset the smaller inventories for these two species.

LIVESTOCK: VALUE PER HEAD AND TOTAL VALUE, NEVADA, JANUARY 1, 1985-87

Species	Value Per Head			Total Value		
	1985	1986	1987	1985	1986	1987
	Dollars			Thousand Dollars		
Cattle and Calves.	355.00	360.00	375.00	220,100	219,600	206,250
Sheep and Lambs.	76.00	86.50	91.00	7,600	7,007	7,826
Hogs and Pigs 1/.	90.00	86.50	88.00	1,170	1,298	1,232
Total 3 Species .	-- --	-- --	-- --	228,870	227,905	215,308

1/ December 1, preceding year.

Data in the following table relate to the condition of the pastures and ranges near the first of each month and are expressed as a percentage of normal. Normal, in this case, equals 100. Since range grasses in Nevada are ordinarily not irrigated, the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1972, 1974, 1976, 1977, 1981, 1985, and again in 1986.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA, 1968-87

Year	April	May	June	July	August	September	October	November	December
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
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			

* Data not available prior to 1972.

** Discontinued.

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1987 were estimated at 24,000 head--8 percent less than the preceding year but well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED ON JANUARY 1, NEVADA, 1984-87

Item	1984	1985	1986	1987	1987 as % of 1986
	Thousand Head				Percent
Number on feed for slaughter market.	27	25	26	24	92

CATTLE AND CALVES: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1982-87

COUNTY	1982	1983	1984	1985	1986	1987
	Number of Head					
Carson City.	1,300	1,200	1,200	1,200	1,200	1,200
Churchill.	77,000	78,000	75,000	68,000	65,000	50,000
Douglas.	22,000	22,000	22,000	19,000	18,000	17,000
Humboldt	90,000	75,000	74,000	69,000	68,000	63,000
Lyon	60,000	60,000	59,000	51,000	48,000	41,000
Pershing	32,000	29,000	30,000	27,000	26,000	24,000
Storey	100	100	100	100	100	100
Washoe	38,000	34,000	34,000	32,000	33,000	30,000
District 1	320,400	299,300	295,300	267,300	259,300	226,300
Elko	210,000	195,000	190,000	180,000	178,000	170,000
Eureka	41,000	39,000	39,000	38,000	37,000	25,000
Lander	25,000	24,000	28,000	28,000	29,000	27,000
White Pine	32,000	30,000	32,000	31,000	30,000	28,000
District 3	308,000	288,000	289,000	277,000	274,000	250,000
Clark.	13,000	10,000	17,000	17,000	16,000	15,000
Esmeralda.	5,600	5,000	9,000	11,000	12,000	12,000
Lincoln.	19,000	16,700	20,000	19,000	20,000	19,000
Mineral.	4,000	4,000	4,700	4,700	4,700	4,700
Nye.	30,000	27,000	25,000	24,000	24,000	23,000
District 8	71,600	62,700	75,700	75,700	76,700	73,700
Nevada	700,000	650,000	660,000	620,000	610,000	550,000

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	All	Calves Born	Inship- ments	Marketings		Farm Slaughter	Deaths	
	Cattle Jan. 1			Cattle	Calves		Cattle	Calves
Thousand Head								
1977	611	250	44	170	117	5	11	17
1978	585	245	40	159	107	5	9	15
1979	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
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	550							

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production	Marketings	Value of Production	Cash	Value of	Gross Income
				Receipts 1/	Home Consumption	
Thousand Pounds			Thousand Dollars			
1977	171,535	214,437	61,462	76,553	2,265	78,818
1978	173,310	199,507	88,511	101,376	3,317	104,693
1979	184,905	190,190	125,655	128,348	4,100	132,448
1980	198,185	190,050	126,602	120,864	3,464	124,328
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

1/ Receipts from marketings and sale of farm slaughter.



SHEEP AND LAMBS

The number of sheep and lambs which have been steadily declining during the past 5 years finally reversed its downward trend. The January 1, 1987 inventory at 86,000 head was 6 percent above the number on hand a year ago. Wool production in 1986 is estimated at 760,000 pounds, grease basis, 5 percent below a year ago. Sheep shorn during 1986 at 76,000 head were 3 percent below the number shorn the previous year. Fleece weight at 10.0 pounds per head was down slightly from 1985.

Wool prices improved and averaged six cents a pound more than the previous year.

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	Sheep &	Lambs	Inshipments	Marketings		Farm	Deaths	
	Lambs	Lambs		Sheep	Lambs	Slaughter	Sheep	Lambs
	Jan. 1	Saved		Thousand Head				
1977	133	96	69	7	130	3	10	23
1978	125	96	68	8	121	3	13	19
1979	125	94	68	12	124	3	10	16
1980	122	93	68	6	110	3	9	21
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							

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production	Marketings	Value of Production	Cash	Value of	Gross
				Receipts	Home	
				l/	Consumption	Income
	-Thousand Pounds-			Thousand Dollars		
1977.	7,121	12,224	3,162	5,599	101	5,700
1978.	7,460	11,804	4,106	6,453	134	6,587
1979.	6,230	12,495	3,495	7,112	132	7,244
1980.	7,730	12,210	4,151	7,122	129	7,251
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

l/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1982-87

County	1982	1983	1984	1985	1986	1987
Carson City.	2,000	1,500	2,800	2,800	3,000	3,000
Churchill.	2,000	1,500	2,000	4,000	4,000	5,000
Douglas.	8,000	6,000	9,000	9,000	7,000	7,000
Elko.	40,000	37,000	34,000	31,000	22,000	22,000
Eureka.	7,000	5,000	3,000	3,000	4,000	4,000
Humboldt.	5,000	4,000	5,000	5,000	4,000	6,000
Lander.	5,000	4,000	4,000	4,000	4,000	4,000
Lyon.	14,000	13,000	10,000	9,000	6,000	6,000
Nye.	4,000	3,000	2,000	2,000	2,000	2,000
Pershing.	13,000	10,000	11,000	11,000	7,000	9,000
Washoe.	3,500	2,500	1,500	1,500	3,000	2,000
White Pine.	25,000	22,000	18,000	17,000	14,000	15,000
All Other.	500	500	700	700	1,000	1,000
State Total.	129,000	110,000	103,000	100,000	81,000	86,000

WOOL PRODUCTION AND VALUE, NEVADA, 1977-86

Year	Sheep Shorn Thousand Head	Weight Per Fleece Pounds	Wool Production Thousand Lb.	Price Per Pound Cents	Value Thou. Dol.
1977.	110	10.2	1,122	63	707
1978.	102	10.4	1,061	69	732
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



HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	Hogs & Pigs		Pig Crop		Inshipments	Marketings	Farm Slaughter	Deaths
	Dec 1/	Dec-May 1/	Jun-Nov	Number of Head				
1977.	8,000	7,700	7,500	100	12,700	900	700	
1978.	9,000	8,900	7,000	100	13,200	1,000	800	
1979.	10,000	9,800	8,400	100	15,300	1,000	1,000	
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							

1/ December 1 of preceding year.

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production - Thousand Pounds -	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
1977.	3,125	2,653	1,297	1,105	128	1,233
1978.	3,385	2,913	1,680	1,451	169	1,620
1979.	3,888	3,346	1,613	1,391	142	1,533
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

**HONEY BEE COLONIES, HONEY AND BEESWAX PRODUCTION
VALUE OF PRODUCTION, NEVADA, 1974-82**

Year	Colonies Thousand	Pounds Honey Produced		Beeswax Produced		Value of Production			Honey Stocks Dec 15 Thousand Pounds
		Per Colony	Total Thou. Pounds	Thousand Pounds	Dollars Per Pound	Total Thou. Dollars	Dollars Per Pound	Total Thous. Dollars	
1974:	7	100	700	12	.502	551	1.23	15	35
1975:	8	55	440	6	.580	255	1.10	7	132
1976:	9	55	495	7	.533	264	1.15	8	20
1977:	10	55	550	9	.572	315	1.75	16	193
1978:	9	40	360	6	.602	217	1.85	11	108
1979:	12	35	420	6	.603	253	1.89	11	105
1980:	11	60	660	13	.720	475	1.67	22	231
1981:	12	35	420	7	.750	315	1.90	13	88
1982:	Discontinued								

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants decreased 23 percent during 1986. Declines occurred throughout the year. Cattle accounted for 5.2 million pounds or 86 percent of the total--2 percent less than a year earlier. These estimates include slaughter in Nevada's 6 federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1982-86

Species and Year	Head	Liveweight		Species and Year	Head	Liveweight	
		Average	Total			Average	Total
		No. Pounds	Thou. Lb.			No. Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1982 . . .	4,900	1,109	5,434	1982	2,800	115	321
1983 . . .	6,200	1,172	7,231	1983	3,000	116	350
1984 . . .	7,200	1,142	8,183	1984	2,700	113	311
1985 . . .	6,400	1,067	6,870	1985	2,500	113	284
1986 . . .	4,700	1,112	5,201	1986	2,400	122	292
Calves				Hogs			
1982 . . .	100	386	19	1982	3,300	227	754
1983 . . .	---	---	---	1983	3,300	229	758
1984 . . .	100	374	34	1984	3,500	213	747
1985 . . .	---	---	---	1985	3,100	215	660
1986 . . .	---	---	---	1986	2,700	205	556

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA, 1986 1/

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species Total Liveweight
	Head	Total Live- Weight	Head	Total Live- Weight	Head	Total Live- Weight	Head	Total Live- Weight	
	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	
January . . .	600	737	---	---	100	11	400	64	812
February . . .	500	523	---	---	100	8	200	32	563
March	500	592	---	---	---	---	200	43	635
April	500	577	---	---	---	---	200	43	620
May	500	619	---	---	300	37	400	80	736
June	400	488	---	---	300	34	100	33	555
July	400	376	---	---	400	52	300	53	481
August	300	291	---	---	300	36	200	36	363
September . .	300	343	---	---	400	44	200	34	421
October	200	190	---	---	200	23	200	47	260
November . . .	200	204	---	---	100	17	100	31	252
December . . .	300	261	---	---	200	22	300	61	344
Total	4,700	5,201			2,400	292	2,700	556	6,049

1/ Total may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but data are included in annual totals.

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1986 was estimated at 274 million pounds--up 3 percent from a year earlier.

Of the 274 million pounds produced 269 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was utilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled \$32.8 million, down 2 percent from 1985. Producers received an average \$12.20 per cwt. for fluid milk marketed in 1986 compared with \$12.80 in 1985.

Ice cream production in 1986 totaled 1,365,000 gallons--down 7 percent from a year earlier. Ice milk production, at the 1,628,000 gallon level, was down 1 percent and sherbet at 73,000 gallons was down 14 percent from the 1985 output.

**MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1977-86**

Year	M I L K					
	Value of		Utilization		Marketing	Receipts
	Production	Production	Farm	Sold 1/	Per Lb.	Cash
	Mil. Lbs.	Thou. Dols.	Uses	Million Pounds	Milk Fat	Receipts
			-	-	Dollars	Thou. Dols.
1977.	198	19,404	5	193	2.83	18,906
1978.	187	19,560	5	182	2.98	19,033
1979.	199	22,885	5	194	3.34	22,310
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.	237	31,758	5	232	3.81	31,088
1984.	251	33,885	5	246	3.78	33,210
1985.	266	34,048	5	261	3.52	33,408
1986.	274	33,428	5	269	3.36	32,818

1/ Milk equivalent of cream sold.

**MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTER, 1984-86**

Quarter	Cows Milked 1/			Milk Per Cow 2/			Milk Production 2/		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Thousands			Pounds			Million Pounds		
Jan-Mar . . .	17.5	18.5	19.0	3,455	3,345	3,500	60.5	61.9	66.5
Apr-Jun . . .	17.7	18.7	19.0	3,665	3,625	3,640	64.9	67.8	69.2
Jul-Sep . . .	17.9	18.9	19.0	3,565	3,700	3,755	63.8	69.9	71.3
Oct-Dec . . .	18.0	19.0	19.0	3,435	3,495	3,525	61.8	66.4	67.0
Annual . . .	17.8	18.8	19.0	14,101	14,149	14,421	251.0	266.0	274.0

1/ Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

**ALL MILK PRICE AND AVERAGE FAT TEST OF MILK SOLD BY FARMERS, BY MONTHS,
NEVADA, 1984-1986**

Month	All Milk Price Per Cwt.			Fat Test of Milk Sold		
	1984	1985	1986	1984	1985	1986
	Dollars			Percent		
January . . .	14.00	14.00	12.50	3.72	3.81	3.76
February . . .	13.65	13.75	12.35	3.64	3.74	3.72
March	13.60	13.45	12.05	3.61	3.68	3.68
April	13.45	13.00	11.90	3.56	3.62	3.59
May	13.10	12.65	11.80	3.45	3.52	3.49
June	13.00	12.35	11.75	3.40	3.46	3.44
July	12.70	12.30	11.80	3.32	3.43	3.45
August	13.15	12.15	11.90	3.43	3.50	3.47
September . .	13.45	12.70	12.30	3.53	3.63	3.60
October	13.60	12.40	12.80	3.72	3.71	3.74
November . . .	14.00	12.60	12.80	3.82	3.78	3.82
December . . .	14.10	12.65	12.90	3.85	3.81	3.82
Annual	13.50	12.80	12.20	3.57	3.64	3.63

**QUANTITIES OF DAIRY PRODUCTS MANUFACTURED,
BY MONTHS, NEVADA, 1984-1986**

Month	Dairy Products Manufactured 1/					
	Ice Cream 2/			Ice Milk 2/		
	1984	1985	1986	1984	1985	1986
Thousand Gallons						
January . . .	100	113	111	88	104	108
February . . .	115	109	98	101	100	97
March	129	125	121	113	127	121
April	114	134	109	116	133	126
May	130	133	119	130	157	132
June	132	141	131	140	153	149
July	160	152	138	160	173	157
August	153	138	140	156	164	166
September . .	119	112	112	122	131	130
October	122	119	103	119	127	136
November . . .	107	101	90	121	131	139
December . . .	92	95	93	117	150	167
Annual	1,473	1,472	1,365	1,483	1,650	1,628

1/ Sherbet production on annual basis: 1984-84,000 gallons; 1985-85,000 gallons; 1986-73,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed.

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

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985			1986		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill . . .	6,100	14,100	86.0	6,200	14,200	88.0
Clark	6,800	13,800	93.8	6,700	14,500	97.2
Douglas	2,600	15,000	39.0	2,500	15,000	37.5
Lyon	1,800	14,900	26.8	1,900	14,900	28.3
Washoe	600	14,000	8.4	600	13,800	8.3
All Others . . .	900	13,300	12.0	1,100	13,400	14.7
State Total	18,800	14,149	266.0	19,000	14,421	274.0

CHICKEN AND EGGS

Total chickens on Nevada farms and ranches were estimated at 17,000 birds on December 1, 1986. This was unchanged from a year earlier but 31 percent above the December 1, 1983 level. Of the total chickens, 12,000 birds were of laying age on December 1, 1986.

Total value of chickens in Nevada on December 1, 1986 came to \$49,000 which was up 11 percent from a year earlier. Value per bird, at \$2.90, was up 30 cents from a year ago.

CHICKENS ON FARMS, DECEMBER 1, 1984-86 1/

Species	Nevada				United States			
	1984	1985	1986	86 as % of 85	1984	1985	1986	86 as % of 85
	- Thousand Head -			Percent	- Thousand Head -			Percent
Total Chickens:	17	17	17	100	374,008	368,548	368,681	100
Laying Age . . .	12	12	12	100	285,848	279,769	280,140	100
Hens	9	10	10	100	119,243	130,623	124,840	96
Pullets	3	2	2	100	166,605	149,146	155,300	104
All Others . . .	5	5	5	100	88,160	88,779	88,541	100

1/ Excludes Commercial Broilers.

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1984-86 1/

Value	Nevada			United States		
	1984	1985	1986	1984	1985	1986
Per Head	2.70	2.60	2.90	2.02	1.90	1.87
Total Thou. Dol:	46	44	49	754,312	700,150	690,165

1/ Excludes Commercial Broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA, 1984-86

Quarter	Layers			Eggs Per 100 Layers 1/			Total Production		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	- Thousands -			- Number -			- Thousands -		
Dec. 2/ - Feb	10.0	12.0	12.0	4,095	3,825	4,500	410	459	540
March - May	11.0	12.0	12.0	5,060	4,600	5,290	557	552	635
June - Aug	12.0	12.0	12.0	5,520	5,290	5,060	662	635	607
Sept - Nov	12.0	12.0	12.0	4,778	4,550	4,185	573	546	502
Total 3/ . . .	11.3	12.0	12.0	195	183	190	2,202	2,192	2,284

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1984-86

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	- Million Eggs -			- Cents -		- Thousand Dollars -	
1984	2.3	.8	1.5	49.2	62	33	95
1985	2.2	4/	4/	42.5	4/	4/	78
1986	2.2	4/	4/	49.1	4/	4/	90

4/ Discontinued after 1984.

PRICES RECEIVED FOR SPECIFIED PRODUCTS: BY MONTHS, NEVADA, 1983-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Beef Cattle												
<i>(Dollars Per Cwt)</i>												
1983	41.60	48.20	51.20	47.30	45.20	43.80	42.20	43.50	40.30	41.70	39.50	39.00
1984	44.40	46.60	45.70	44.80	40.80	45.20	44.70	44.70	45.10	39.60	34.20	43.00
1985	45.20	49.60	47.50	46.70	47.30	44.50	41.00	40.80	41.50	42.00	42.40	42.80
1986	44.00	46.00	44.30	41.30	40.40	39.70	41.90	43.10	47.00	48.60	46.00	48.80
Steers and Heifers												
1983	53.70	57.80	59.50	58.40	56.80	54.20	50.60	50.20	49.10	52.90	51.50	47.60
1984	58.10	56.10	55.90	53.10	51.30	56.10	52.60	52.30	55.00	52.70	52.80	55.10
1985	52.30	56.60	53.70	53.60	54.90	51.00	46.20	45.80	47.10	49.40	50.50	50.40
1986	51.60	51.20	50.30	48.00	45.40	42.00	47.80	47.80	54.00	55.30	52.70	55.60
Cows												
1983	32.70	38.70	43.30	41.10	41.50	39.40	38.50	38.50	36.90	33.10	32.60	32.60
1984	33.60	37.30	38.90	39.80	37.50	38.40	42.10	38.40	36.40	34.20	26.90	35.00
1985	34.60	39.10	38.10	36.40	36.00	34.80	33.10	33.20	33.00	30.90	30.20	31.40
1986	29.80	36.40	33.10	28.80	31.10	35.30	31.00	34.40	34.10	36.20	33.40	36.10
Calves												
1983	60.10	63.90	66.90	65.50	63.90	60.40	55.00	56.40	53.40	58.00	57.30	62.00
1984	61.60	58.60	60.50	62.50	59.70	56.40	57.40	54.80	58.20	61.40	58.50	58.80
1985	56.80	58.70	61.00	68.30	64.60	61.40	54.20	56.30	60.90	56.40	57.60	56.20
1986	49.40	60.60	57.90	59.70	50.90	51.10	50.20	51.00	62.30	63.50	58.20	66.50
Sheep												
1983	12.30	12.80	14.20	25.00	16.60	8.40	7.60	6.30	7.20	7.00	10.70	7.60
1984	18.30	17.10	20.30	20.00	11.40	9.00	15.30	12.10	11.20	15.90	14.50	22.90
1985	17.50	18.30	15.00	14.60	14.50	14.50	16.80	16.80	15.90	14.10	19.30	18.30
1986	22.50	16.80	18.10	19.10	16.40	21.30	20.80	22.70	27.10	26.00	26.10	22.30
Lambs												
1983	35.30	35.90	42.50	46.50	36.70	45.00	34.60	30.80	34.40	38.70	44.30	46.10
1984	47.00	45.60	39.40	40.70	1/	52.90	48.30	54.70	50.00	56.80	55.90	53.30
1985	50.70	48.00	47.70	59.00	57.90	63.90	58.50	62.20	57.40	57.50	55.60	57.40
1986	55.30	47.10	53.20	48.70	67.10	66.40	64.40	59.00	57.00	53.10	64.20	68.60
Alfalfa Hay												
<i>(Dollars Per Ton)</i>												
1983	92.00	94.00	93.00	92.00	97.00	94.00	98.00	97.00	99.00	99.00	99.00	99.00
1984	95.00	98.00	95.00	90.00	80.00	80.00	84.00	75.00	70.00	70.00	75.00	80.00
1985	85.00	87.00	90.00	90.00	95.00	85.00	80.00	82.00	82.00	84.00	86.00	86.00
1986	90.00	90.00	90.00	90.00	80.00	80.00	82.00	82.00	78.00	78.00	80.00	81.00
Other Hay												
1983	77.00	75.00	74.00	70.00	80.00	75.00	79.00	78.00	80.00	75.00	75.00	75.00
1984	75.00	78.00	75.00	70.00	60.00	62.00	64.00	55.00	55.00	55.00	65.00	60.00
1985	65.00	67.00	70.00	70.00	75.00	65.00	60.00	62.00	62.00	64.00	66.00	66.00
1986	70.00	70.00	70.00	70.00	60.00	60.00	62.00	62.00	58.00	58.00	58.00	60.00
All Hay												
1983	87.00	88.00	87.00	85.00	92.00	88.00	92.00	91.00	93.00	92.00	92.00	92.00
1984	89.00	92.00	89.00	84.00	74.00	74.00	78.00	69.00	65.00	65.00	72.00	74.00
1985	79.00	81.00	84.00	84.00	89.00	79.00	74.00	76.00	76.00	78.00	80.00	80.00
1986	84.00	84.00	84.00	84.00	74.00	74.00	76.00	76.00	72.00	72.00	73.00	75.00

1/ Insufficient sales to establish price.

NEVADA STATE DEPARTMENT OF AGRICULTURE
 1986 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1986 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by this Department or the National Agricultural Statistics Service.

Pesticide Use (Aerial Application) 1986

ALFALFA HAY
 (79,575.9 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Cygon	1 PT	205
	Dibrom	1 PT	334
	Dimethoate	1 PT	20
	Dimethoate	1.5 PT	7,387
	Disyston	12 LB	20
	Furadan	3/4 PT	1,425
	Furadan/Methyl		
	Parathion	1 PT/1/2 PT	274
	Furadan/Systox	1 PT/1/6 PT	622
	Methyl Parathion	3/4 PT	80
	Malathion	1 1/2 PT	135
	Maled	1 PT	70
	Parathion	6 OZ	110
	Parathion	1/2 PT	320
	Parathion	1 PT	427
	Penncap M	2 PTS	1,300
	Supracide ZE	3 PTS	150
	Systox	1/6 PT	4,327
	Systox	1/3 PT	1,001.7
	Thiodan	1 QT	20
Thionspray	3/8 PT	171.2	
Thionspray	1 PT	71	
Thiosulfan	1 QT	70	
Aphid/Weevil	Furadan	1/2 PT	442
	Furadan/Dimethoate	1/2 PT	
		1 1/2 PT	5,319
	Methyl Parathion	1/2 PT	226
	Methyl Parathion	12 OZ	2,338
	Parathion	6 OZ	1,043
	Parathion	1 PT	80
Parathion/Furadan	1 PT/1/2 PT	1,963.5	
Aphids/Mites	Parathion	1 PT	105
Army Worm	Lorsban	2 PT	38

ALFALFA HAY, cont.

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	Butyrac 200	3 QT	21
	Vertac	1 PT	127
	2,4-DB	3 PT	296
		4 PT	229
Clean Up	Malathion	1 1/2 PT	115
Dodder	CIPC	20 LB	30
Grasses/Winter Annuals	Paraquat	1 1/2 PTS	151
	Paraquat	2 PTS	160
	Paraquat	3 PTS	525
	Treflan	10 LBS	40
	Velpar	1 PT	1,128.2
		1 1/2 PT	295
Grasshoppers	Parathion	3/8 PT	90
	Parathion	1/2 PT	840
	Parathion	2/3 PT	6,940
	Parathion	7/10 PT	575
	Parathion	3/4 PT	220
	Parathion	1 PT	90
	Sevin	1 1/2 PTS	150
		2 PTS	
Mosquitos	Dibrom	3/4 OZ	5,440
Volunteer Grain Weeds	Kerb 50W	1 1/2 LB	50
	Butoxone Ester	2 1/2 PTS	40
		3 PTS	208
		4 PTS	30
Weevil (Alfalfa)	Cythion	4/5 PT	62
	Dimethoate	1 PT	23
	Furadan	1/2 PT	6,125
		3/4 PT	5,847
		1 PT	8,334
		1 QT	820
	Malathion	1 1/2 PTS	1,325
	Parathion	3/4 PT	354
	Parathion	1 PT	4820.30
	Parathion/Furadan	1 PT/1/2 PT	381
	Thimet 20G	9.8 LB	120
	Thionspray 84	3/8 PT	2,562
	Thionspray 84	1/2 PT	80
	Vegethion	3/4 PT	788

ALFALFA HAY/OATS
(150 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	Butoxone Ester	3 PTS	150

ALFALFA SEED
(29,027.50 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>	
Aphids	Dimethoate	1 1/2 PTS	40	
	Mevinphos	3/4 PT	100	
	Metasystox R	2 PTS	307.4	
	Phosdrin	1/2 PT	150	
	Phosdrin	3/4 PT	40	
	SPUR (SLN)	9 OZ	670	
	Supracide	3 PTS	62	
	Systox	1/3 PT	300.8	
Aphids (Spotted)	Thiosulfan	1 1/2 PTS	160	
	Thiosulfan/Malathion	1 1/2 PTS		
		1 1/2 PTS	160	
Aphid/Lygas	Dimethoate	2 PTS	15	
	Furadan/Systox	1 QT/1/3 PT	93	
	Furadan/Systox	1 QT/60 OZ	550	
	Lorsban/Systox	2 PT/1 PT	126	
	Methyl Parathion/ Systox	1/2 PT/1 PT	129	
	Spur (Special Local Need)	9.6 OZ	753.10	
	Supracide	3 PTS	185	
	Supracide	2 QTS	148	
	Supracide/Systox	2 QT/6 OZ	550	
	Supracide/Systox	3 QT		
Alfalfa Weevil		1 1/2 PTS	2,216	
	Thiodan	9 OZ	1,425	
		1 QT	130	
	Furadan	1 PT	1,540.5	
Alfalfa Weevil/Aphids		2 PT	40	
	Supracide	3 PT	40	
Broadleaf Weeds	Butoxone	3 PTS	518	
		4 PTS	126	
Clean Up	Thiodan	1 QT	785	
	Defoliation	Clean Crop	3 PTS	313
Defoliation	Contact	3 PTS	18	
	Des-I-Cate	5 QTS	72	
	Dinitro	3 PTS	423	
	Dynamyte 5	3 PTS	184	
	Vertac	3 PTS	610.7	
	Dodder	CHLORO IPC (Furloe)	15 LB	206
			17 LB	15
		20 LB	4,354	
		25 LB	1,956	
		30 LB	1,056	
General Weeds	Treflan Granuales	20 LB	132	
	Velpar	2 PTS	258	
Lygas	Dibrom	3/4 PTS	33	
	Dibrom	1 PT	538	
	Dylox	1 1/2 PTS	80	
	Mevinphos	1 PT	130	
	Naled	1 PT	372	

ALFALFA SEED, cont.

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Lygus	Phosdrin	13 OZ	294.5
	Phosdrin	1 PT	303
	Phosdrin	3 PT	2,787.10
	Supracide	2 PTS	19
	Supracide	3 PTS	34
	Thiodan	2 QTS	1,100
Mites	Comite	1 1/2 PTS	553.7
	Comite	1 1/2 PTS	127.7
	Comite	1 QT	812
	Diazinon	1 PT	13
	Dicofol	1 QT	40
	Kelthane	1 1/2 QT	258
	Liquid Sulfur	1 PT	575

BARLEY

(4,826.50 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Dimethoate	1 1/2 PTS	25
	Disyston	1 PT	236.9
	Parathion	3/8 PTS	241
	Systox	1/3 PTS	742.5
		1 PT	80.6
Grasshoppers	Toxaphene	1 1/2 PTS	318
Weeds	Banvel	1/4 PT	411.5
	Butoxone	3 PTS	75
	Vertac	1 PT	212
	Vertac	2 PTS	480
	Weed Out	1 PT	200
	2,4-D	1 QT	1,404
	Weevil	Methyl Parathion	1/2 PT
	1 PT	140	

BARLEY STUBBLE

(320 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Grasshoppers	Dimethoate	1 1/2 PTS	320

CORN

(748 TOTAL ACRES TREATED)

Broadleaf Weeds	2,4-D	1/2 PTS	598
		1 1/2 PTS	150

CROPLAND (NON-IRRIGATED)

(9,100 TOTAL ACRES TREATED)

Mosquitos	Dibrome	3/4 OZ	6,500
	Parathion	1/10 LB	2,600

FALLOW
(421 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaves/Sandbar	Brominal		200
Grass & Weeds	Roundup	2 QTS	65
Quackgrass	Esteron	2.5 LBS	70
	Poast	2.5 LBS	70
Tall Fescue	Roundup	2 PTS	5
Winter Weeds	Paraquat	3 PTS	11

GARLIC
(1,578 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	Buctril	2 PTS	240
	Buctril	3 PTS	85
	2,4-D	2 QTS	82
Cutworm	Lorsban	1 PT	180
Grass & Other Weeds	Dacthal	6.5 LBS	110
	Paraquat	2 PTS	65
	Paraquat	3 PTS	548
	Roundup	2 QTS	65
Thrips	Phosdrin	6 OZ	203

GENERAL
(+40,246 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Metasystox R	3 QTS	
Aphids/Lygus	Malathion	1 1/2 PTS	
		1 QT	
Aphids/Weevil	Metasystox R	1 QT	
Broadleaves	Banvel	4 OZ	
	2,4-D amine	1 PT	
Grasshoppers	Sevin	1 PT	40
Mites	Comite	3 QTS/3 PTS	
	Kelthane	12 QTS	
	Liquid Sulfur	1 QT	
Mosquitos	Baytex	1.4 OZ	2,900
	Malathion	1/2 LB	37,300
Weeds	Clean Crop	3/4 PT	
	Dual 8E	2 1/2 PTS	6.9
	Sencor	2 1/2 PTS	
	Vertac	2 PTS	
Weevil	Malathion	1 1/2 PTS	
	Metasystox R	2 QTS	
	Sevinol	1 1/2 QTS	

GRAIN
(1,851 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Methyl Parathion	12 OZ	140
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	1,208
		2 PTS	93
Wild Oats	Hoelon	3.3 PT/A	410

LETTUCE SEED
(390.50 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Systox	1 1/2 PTS	80
Broadleaves	Dual 8E	2 PTS	60
Grass Weeds	Kerb	3 LBS	50.5
Cabbage Loopers	Thiodan	2 PTS	60
	Thiosulfan	2 PTS	140

MINT
(650 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Cythion	1 1/2 PTS	80
General Weeds	Sinbar	1 LB	375
		1 1/4 LBS	155
Mites	Flowable Sulfur	1 QT	40

NON-CROPLAND, RANGELAND, DESERT PASTURE
(16,287 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaves	2,4-D Amine	2 QTS	100
	Vertac	1 PT	
Brush	2,4-D Amine	1 QT	640
		2 QTS	10
	Estron 99	2 QTS	260
Clean Up	Furadan 4F	1/2 PT	
Flys	Malathion 5EC	6 OZ	40
		1 PT	120
General Weeds	Sencor/Prowl	1 PT/1 1/2 PT	140
Grasshoppers	Furadan	1 QT	240
	Parathion	3/8 PT	295
		1/2 PT	160
	Thionspray	3/8 PT	32
Mosquito	Dibrom	3/4 OZ	11,600
	Pyrenone	1 OZ	400
Sagebrush	Weedone LV4	2 LBS	930
	2,4-D Butyl Ester	3 LBS	1,260
Willows	2,4-D Amine	2 QTS	40
	Esterone 99	3 QTS	20

OATS
(869 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	130
	2,4-D Amine	2 PTS	40
	2,4-D Ester	1/2 PT	639
	2,4-D	1 PT	60

ONION
(863 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Botrytis	Rovral	1.5 LBS	22
Grass & Broadleaf Weeds	Paraquat	2 PTS	226
	Paraquat	3 PTS	25
Thrips	Guthion	1 LB	144
	Malathion	2 PTS	96
	Methyl Parathion	1 PT	264
Weeds	Parathion	4 OZ	16
	Roundup	1/2 PT	10
		1 PT	60

PASTURE
(18,780 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Mosquito	Baytex	1/10 LB	1,550
	BTI	1 PT	80
	DMA 4	1 QT	120
	Dibrom	3/4 OZ	6,880
	Dibrom	.8 OZ	8,050
	Parathion	1/10 LB	1,600
	Willows	2,4-D	1 QT

POTATOES
(22,492.27 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Dimethoate	1 1/2 PTS	90
Blight	Thiodan	1 QT	1,062
	Bravo	1 QT	93
	Dithane	1/2 QT	205
	Dithane	1 QT	807
	Maneb	1/2 QT	720
	Maneb	1 QT	8,859
	Manex	3 PTS	320
	Supertin	4 OZS	320
Broadleaf & Grass Weeds	Dual 8E	2 PTS	7.27

POTATOES, cont.

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf & Grass Weeds	Eptam/Sencor	3.5 PTS	
		1.0 PT	160
Blight/Aphid	Eptam/Sencor	3.5 PTS	
		1.5 PTS	2,607
	Eptam	3.5 PTS	830
	Lexone	1/2 PT	350
	Sencor	1.66 PTS	265
Dessication	Maneb	1 QT	582
	Maneb/Thiodan	1 QT/1.33 QT	1,600
	Maneb/Thiodan	1 QT/1.5 PT	960
D-Sprout	Des-I-Cate	5 QTS	80
	Vertac General		
Foliar Feed	Weed Killer	3 PTS	147
	Super D-Sprout	1 GAL	978
Leafhoppers/Worms	Cytex	2 QTS	330
	Monitor	2 PTS	315
Vines	Dinitro	3 PTS	805

TREES

(8 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Early Blight	Manex	2 PTS	
Mites	Comite	1 QT	
Scab	Malathion	1 1/2 PTS	
	Supracide 2E	1 PT	8

WASTEWATER

(9,000 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Mosquito Larvae	Malathion 8	8 OZ	1,200
	Parathion	1.6 OZ	7,800

WHEAT

(7,041 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Disyston	1 PT	400.7
	Systox	1/3 PT	1,345.7
Broadleaf Weeds	Banvel	3 OZ	23.6
	Banvel	1/2 PT	50
	Banvel	2 PTS	40
	Dacamine 2,4-D	2 PTS	100
	MCPP	2 PTS	40

WHEAT, cont.

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Grasshoppers	Parathion	3/8 PT	22
Weeds	Amine 4 (2,4-D)	1.6 PTS	88
	Amine 4 (2,4-D)	2 PTS	2,781
	Butoxone	3 PTS	50
	2,4-D LV6	1/2 PTS	565
	Vertac Formula 40	1 1/2 PTS	137
	Vertac Formula 40	2 PTS	898
Wild Oats	Avenge	2.5 QTS	500

WHEAT/OATS
(83 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	Vertac 40	1 1/2 PTS	83

WINTER WHEAT
(204 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	160
		1 2/3 PTS	44

PESTICIDE USE (Ground Application) 1986

ALFALFA HAY
(4,275 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-DB	3 PT	466
Grass Weeds	Valpar	1 QT	141
Grass Weeds		3 PT	2,933
Winter Weeds	Princep Cal. 90	1 LB	140
	Paraquat	3 PT	595

ALFALFA SEED
(55 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Dimethoate	1 1/2 PT	40
Aphids/Lygus	Dimethoate	2 PT	15

BARLEY
(267 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphids	Dimethoate	1 1/2 PT	25
Broadleaf Weeds	2,4-D Amine	1 1/2 PT	242

CORN
(55 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D LV-6	1/3 PT	55

FALLOW
(20 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D	3 PT	20

NON-CROPLAND
(7,684 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Annual Grass	Roundup (Glyphosate)	4 PT	65
Mosquitos	Malathion 8	1/2 LB	119
	Baytex	1.4 OZ	7,500
Russian Thistle	Banvel	2 GAL, 2 QTS	
		32 PTS	
	Oust	87 OZ	
	Princep	23 LB	

ONIONS
(144 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Thrips	Guthion	1 LB	144

PASTURE
(5 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D LV-6	1/2 PT	5

POTATOES
(125 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Aphid	Dimethoate	1 1/2 PT	90
Sprout	Sprout Nip 7A	1 GAL/ 4,200 CWT	25,200 CWT
		1 GAL/ 2,400 CWT	103,700 CWT
Weeds	Lexone	1/2 LB	35

RIGHT-OF-WAYS
(8,692.16 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Weeds	Amizol	1 1/2 LB	1,462
	Atrazine	3 LB	2,213.83
	Diquat	1/2 LB	4.5
	Direx	3/5 LB	2,612
	Weedar 64 (2,4-D)	3/10 LB	2,399.83

STUBBLE
(22 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Weeds	Roundup	1 QT	22

WHEAT
(8 TOTAL ACRES TREATED)

<u>PEST OR USE</u>	<u>CHEMICAL</u>	<u>RATE/ACRE</u>	<u>ACRES</u>
Broadleaf Weeds	2,4-D LV-6	1/2 PT	8

FOOD and AGRICULTURAL EXPO

The National Food and Agriculture Exposition in Seattle, Washington was sponsored by the National Association of State Departments of Agriculture. It attracted over 1,000 foreign buyers from around the world, 300 of which were from Japan, the largest trading partner of the U.S. Over 400 companies were exhibitors at the show including three from Nevada. They were the Nevada Hay Growers Association of Yerington, Nevada Supplement Company of Lovelock and the Nevada Seed Council representing alfalfa seed producers from the Lovelock and Orovada area.

The Nevada exhibit was coordinated by Nasda president Tom Ballow of Nevada. It was designed by Dave Mathis of Reno and co-sponsored by the Nevada Farm Bureau, Nevada Seed Council, Nevada Supplement Company, Nevada Hay Growers Association, Nevada District Export Council and the Nevada Department of Agriculture.



