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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

# Glenn County

1982-1989

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

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# ANNUAL CROP AND LIVESTOCK REPORT

**ED ROMANO**  
Agricultural Commissioner

**GLENN COUNTY**  
**1982**



**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1982 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Keith Hansen, Chairman

George Edwards

Stephen Blacet, III

Jean Rumiano

Joe Williams

Fred Pride

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Agricultural Biologist III
John F. B. Tolley .....	Agricultural Biologist III
George M. Stenlund .....	Agricultural Biologist III
Kenneth W. Ewing .....	Agricultural Biologist III
Nola Palmer .....	Agricultural Biologist II
Larry John .....	Agricultural Biologist Aide
Joseph R. McIntyre .....	Air Pollution Technician II
Mary (Susie) Gleason .....	Secretary II
Maureen Adamson .....	Secretary I

County of Glenn

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

March 17, 1983

Clare L. Berryhill, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Glenn

Gentlemen:

I am pleased to submit the 1982 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$155,990,000. Rice and dairy products continue to be the leading crops. Because of lower prices and production the county gross income did not equal the \$193,380,000 of 1981. The gross income includes forest products again, after many years of absence from the report.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

ER:s

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1981 - 1982

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1982	7,355	.89	6,546	Ton	\$ 102.66	\$ 672,000
	1981	7,144	1.00	7,144	"	127.00	907,000
Beans	1982	8,287	.73	6,050	"	360.00	2,178,000
	1981	8,777	.76	6,670	"	560.00	3,735,000
Corn	1982	7,152	3.60	25,747	"	101.50	2,613,000
	1981	8,771	3.70	32,453	"	116.00	3,765,000
Hay Alfalfa	1982	16,500	7.00	115,500	"	90.00	10,395,000
	1981	15,000	7.00	105,000	"	75.00	7,875,000
Hay Other	1982	2,700	3.00	81,000	"	60.00	486,000
	1981	3,000	2.00	6,000	"	55.00	330,000
Pasture Irrigated	1982	22,000			Acre	120.00	2,640,000
	1981	22,000			"	140.00	3,080,000
Range	1982	240,000			"	6.00	1,440,000
	1981	240,000			"	6.00	1,440,000
Rice Paddy	1982	79,500	3.50	278,250	Ton	146.20	40,680,000
	1981	89,000	3.65	324,850	"	206.20	66,984,000
Rice Certified	Included under Seed Production.						
Safflower	1982	1,775	.78	1,385	"	243.00	337,000
	1981	3,598	.68	2,446	"	366.71	897,000
Silage	1982	3,125	24.00	75,000	"	16.50	1,238,000
	1981	3,000	25.00	75,000	"	22.00	1,650,000
Grain Sorghum	1982	3,887	2.07	8,046	"	95.00	764,000
	1981	3,422	1.90	6,502	"	93.00	605,000
Sugar Beets	1982	6,500	25.22	163,930	"	30.11	4,936,000
	1981	6,409	22.30	142,921	"	29.68	4,242,000
Wheat	1982	28,735	1.87	53,734	"	124.00	6,663,000
	1981	44,776	1.95	87,313	"	127.00	11,089,000
Miscellaneous	1982	1,183					2,678,000
	1981	1,021					2,529,000
TOTALS	1982	428,699					77,720,000
	1981*	445,918					109,128,000*

\*Revised

# *Production and Value of Agricultural Products*

## APIARY PRODUCTS — 1981 - 1982

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1982	220,000	Lb.	\$ .47	\$ 103,000
	1981	79,000	"	.48	38,000
Beeswax	1982	11,000	"	1.82	20,000
	1981	6,000	"	1.83	11,000
Packaged Bees	1982	163,000	"	5.77	941,000
	1981	169,000	"	5.95	1,006,000
Queen Bees	1982	111,000	Each	5.14	571,000
	1981	114,000	"	5.55	633,000
Pollination	1982				303,000
	1981				212,000
TOTALS	1982				\$ 1,938,000
	1981				1,900,000

## SEED CROPS — 1981 - 1982

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Clover	1982	2,489	420	1,045,000	Lb.	\$ 1.34	\$ 1,400,000
	1981	2,115	419	886,185	"	1.31	1,161,000
Rice	1982	2,581	7,050	18,196,050	"	.084	1,528,000
	1981	4,111	6,700	27,543,700	"	.18	4,958,000
Sudan	1982	305	2,690	820,410	"	.16	135,000
	1981†						
Sunflower	1982	2,456	826	2,028,656	"	.54	1,095,000
	1981	1,945	1,500	2,917,500	"	.52	1,517,000
Vine Crops	1982†	1,328					1,063,000
	1981†	2,045					1,217,000
Other Seed	1982†	3,785					2,807,000
	1981†	8,574					4,958,000
TOTALS	1982	12,944					\$ 8,028,000
	1981*	18,790					13,811,000*

† Specific figures not shown to avoid disclosing individual operations.

\* Revised.

## *Production and Value of Agricultural Products*

### LIVESTOCK AND POULTRY — 1981 - 1982

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1982	24,934	184,182	Cwt.	\$ 51.01	\$ 9,396,000
	1981	29,120	218,529	"	54.13	11,829,000
Sheep and Lambs	1982	36,963	37,462	"	50.35	1,886,000
	1981	39,090	39,617	"	50.53	2,002,000
Hogs and Pigs	1982	2,774	5,123	"	54.42	279,000
	1981	3,883	7,201	"	43.00	310,000
Poultry	1982	Included under Livestock and Poultry				
	1981	Products to protect Individual Operations				
TOTALS	1982					\$ 11,561,000
	1981					14,141,000

### LIVESTOCK AND POULTRY PRODUCTS — 1981 - 1982

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Milk, all	1982	2,057,000	Cwt.	\$ 13.05	\$ 26,835,000	
	1981*	2,069,040	"	13.22	27,346,000	
Market	1982	(1,609,000)	"	13.22	(21,271,000)	
	1981*	(1,638,080)	"	13.40	(21,950,000)	
Manufacturing	1982	( 448,000)	"	12.42	( 5,564,000)	
	1981*	( 430,960)	"	12.52	( 5,396,000)	
Wool	1982	350,599	Lb.	.70	245,000	
	1981	330,811	"	.90	298,000	
Miscellaneous	1982					25,000
	1981					195,000
TOTALS	1982					\$ 27,105,000
	1981*					27,839,000*

\* Revised.

### VEGETABLE CROPS — 1981 - 1982

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1982	Included under Field Crops to avoid					
	1981	disclosing individual operations.					

### NURSERY PRODUCTS — 1981 - 1982

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Included under Field Crops to avoid disclosing individual operations.							



## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1981 - 1982

CROP	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1982	9,083	.48	4,335	Meat	\$ 1,711.00	\$ 7,417,000
	1981	8,856	.63	5,579	Ton	1,500.00	8,369,000
Grapes	1982	875	6.75	5,906	Ton	150.00	886,000
	1981	865	6.77	5,856	"	150.00	878,000
Olives	1982	1,753	3.75	6,574	"	450.00	2,958,000
	1981	1,692	2.19	3,705	"	680.00	2,519,000
Oranges	1982	1,240	4.48	5,553	"	188.00	1,044,000
	1981	1,270	5.16	6,553	"	253.00	1,658,000
Prunes	1982	4,688	1.87	8,766	Dried	740.00	6,487,000
	1981	4,580	2.55	11,679	Ton	660.00	7,708,000
Pears	1982†						
	1981	723	8.44	6,102	Ton	84.00	513,000
Walnuts	1982	4,473	1.30	5,836	Inshell	1,052.00	6,139,000
	1981	4,292	1.28	5,494	Ton	950.00	5,219,000
Misc. Fruits & Nuts	1982†	441					\$ 1,389,000
	1981†	216					1,018,000*
TOTALS	1982	22,553					\$ 26,320,000
	1981	22,494					27,882,000*

\* Revised

† Included under miscellaneous to protect individual operations.

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1982

CROP	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber*	1982	18,517,000	Board	\$ .17	\$ 3,145,000
	1981		Feet		
Firewood	1982	3,414	Cord	50.00	171,000
	1981				
Christmas Trees	1982	2,100	Each	5.00	11,000
	1981				
TOTALS	1982				\$ 3,327,000
	1981				

\* Production Figures are for January 1, 1981 to December 31, 1981.

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

**RECAPITULATION**

Value of Agricultural Production	1981	1982
Field Crops .....	\$ 109,128,000*	\$ 77,720,000
Livestock and Poultry .....	14,141,000	11,561,000
Fruit and Nut Crops .....	27,882,000*	26,320,000
Livestock and Poultry Products .....	27,839,000*	27,105,000
Seed Crops .....	13,811,000*	8,028,000
Apiary Industry .....	1,900,000	1,938,000
<b>Total Agricultural Production</b>	<b>\$ 194,701,000*</b>	<b>\$ 152,672,000</b>

Value of Forest Production	1981	1982
Timber .....	\$ N/A	\$ 3,145,000
Firewood .....	N/A	171,000
Christmas Trees .....	N/A	11,000
<b>Total Forest Production</b>	<b>\$ N/A</b>	<b>\$ 3,327,000</b>
<b>Grand Total of All Production</b>	<b>\$ 194,701,000*</b>	<b>\$ 155,999,000</b>

\* Revised

**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1982 Value
1. Rice .....	\$ 40,680,000
2. Dairy Products .....	26,835,000
3. Alfalfa Hay .....	10,395,000
4. Cattle and Calves .....	9,396,000
5. Almonds .....	7,417,000
6. Wheat .....	6,663,000
7. Prunes .....	6,487,000
8. Walnuts .....	6,139,000
9. Sugar Beets .....	4,936,000
10. Timber .....	3,145,000

**ANNUAL RAINFALL AT WILLOWS, CALIFORNIA**  
**104 YEARS — 1878 - 1982**

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1913-1914	29.18	1948-1949	15.59
1879-1880	13.96	1914-1915	27.19	1949-1950	10.32
1880-1881	13.85	1915-1916	18.11	1950-1951	17.48
1881-1882	8.28	1916-1917	11.43	1951-1952	23.50
1882-1883	8.45	1917-1918	11.90	1952-1953	19.70
1883-1884	18.84	1918-1919	12.90	1953-1954	16.64
1884-1885	7.80	1919-1920	7.70	1954-1955	14.57
1885-1886	19.15	1920-1921	21.28	1955-1956	23.24
1886-1887	8.07	1921-1922	13.44	1956-1957	19.11
1887-1888	8.97	1922-1923	16.81	1957-1958	32.93
1888-1889	10.30	1923-1924	8.86	1958-1959	11.96
1889-1890	29.94	1924-1925	25.99	1959-1960	13.88
1890-1891	19.01	1925-1926	18.44	1960-1961	16.24
1891-1892	18.82	1926-1927	25.99	1961-1962	16.01
1892-1893	27.30	1927-1928	17.54	1962-1963	20.48
1893-1894	11.15	1928-1929	11.46	1963-1964	9.34
1894-1895	26.04	1929-1930	16.37	1964-1965	18.75
1895-1896	22.18	1930-1931	9.85	1965-1966	13.26
1896-1897	18.82	1931-1932	15.01	1966-1967	23.65
1897-1898	6.58	1932-1933	7.79	1967-1968	15.21
1898-1899	13.05	1933-1934	15.65	1968-1969	23.25
1899-1900	15.23	1934-1935	19.62	1969-1970	18.56
1900-1901	17.49	1935-1936	17.48	1970-1971	13.50
1901-1902	21.67	1936-1937	16.40	1971-1972	7.15
1902-1903	17.10	1937-1938	26.28	1972-1973	25.11
1903-1904	20.28	1938-1939	6.82	1973-1974	17.45
1904-1905	24.55	1939-1940	23.21	1974-1975	16.03
1905-1906	19.85	1940-1941	40.50	1975-1976	6.30
1906-1907	17.88	1941-1942	24.07	1976-1977	8.46
1907-1908	13.44	1942-1943	15.68	1977-1978	25.72
1908-1909	22.09	1943-1944	13.52	1978-1979	14.97
1909-1910	14.36	1944-1945	16.94	1979-1980	26.95
1910-1911	17.75	1945-1946	14.72	1980-1981	18.76
1911-1912	11.26	1946-1947	12.28	1981-1982	25.58
1912-1913	13.18	1947-1948	19.56		

# ANNUAL CROP AND LIVESTOCK REPORT

ED ROMANO  
Agricultural Commissioner

GLENN COUNTY  
1983



**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1983 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Fred Pride, Chairman

George Edwards

Stephen Blacet, III

Joe Williams

Keith Hansen

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Agricultural Biologist III
John F. B. Tolley .....	Agricultural Biologist III
George M. Stenlund .....	Agricultural Biologist III
Kenneth W. Ewing .....	Agricultural Biologist III
Steve Protine .....	Agricultural Biologist I
Larry John .....	Agricultural Biologist Aide
Joseph R. McIntyre .....	Air Pollution Technician II
Mary (Susie) Gleason .....	Secretary II
Maureen Adamson .....	Secretary I

County of Glenn

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

March 20, 1984

Clare L. Berryhill, Director  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Glenn

Gentlemen:

I am pleased to submit the 1983 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continues to be the leading industry in the county. However, due to the wet spring and tough economic conditions the gross value of agricultural production declined from \$155,510,000 in 1982 to \$131,581,000 in 1983. Government payments of approximately \$21,000,000 helped to soften the blow and kept the year from being a total disaster by bringing the total gross income to \$152,581,000.

We hope for a better year in 1984!

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the report.

Respectfully submitted.

  
Ed Romano  
Agricultural Commissioner

ER:s

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1982 - 1983

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1983	5,000	.50	2,500	Ton	\$ 125.00	\$ 313,000
	1982	7,355	.89	6,546	"	102.66	672,000
Beans	1983	699	1.05	734	"	700.00	514,000
	1982	8,287	.73	6,050	"	360.00	2,178,000
Corn	1983	5,000	3.80	19,000	"	131.00	2,489,000
	1982	7,152	3.60	25,747	"	101.50	2,613,000
Hay Alfalfa	1983	16,500	4.90	80,850	"	100.00	8,085,000
	1982	16,500	7.00	115,500	"	90.00	10,395,000
Hay Other	1983	1,890	2.10	3,970	"	65.00	258,000
	1982	2,700	3.00	81,000	"	60.00	486,000
Pasture Irrigated	1983	22,000			Acre	130.00	2,860,000
	1982	22,000			"	120.00	2,640,000
Range	1983	240,000			"	6.00	1,440,000
	1982	240,000			"	6.00	1,440,000
Rice Paddy	1983	56,000	3.55	198,800	Ton	172.60	34,313,000
	1982	79,500	3.50	278,250	"	146.20	40,680,000
Rice Certified	1983 1982	Included under Seed Production					
Safflower	1983	1,740	.77	1,344	"	235.00	316,000
	1982	1,775	.78	1,385	"	243.00	337,000
Silage	1983	3,000	26.00	78,000	"	18.00	1,404,000
	1982	3,125	24.00	75,000	"	16.50	1,238,000
Grain Sorghum	1983	2,000	2.00	4,000	"	121.50	486,000
	1982	3,887	2.07	8,046	"	95.00	764,000
Sugar Beets	1983	4,748	19.56	92,851	"	36.11	3,353,000
	1982	6,500	25.22	163,930	"	30.11	4,936,000
Wheat	1983	22,000	1.40	30,800	"	124.00	3,819,000
	1982	28,735	1.87	53,734	"	124.00	6,663,000
Miscellaneous	1983	650					2,036,000
	1982	1,183					2,678,000
TOTALS	1983						\$ 61,686,000
	1982	428,699					77,720,000

# *Production and Value of Agricultural Products*

## APIARY PRODUCTS — 1982 - 1983

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1983	101,000	Lb.	\$ .51	\$ 52,000
	1982	220,000	"	.47	103,000
Beeswax	1983	6,000	"	1.17	7,000
	1982	11,000	"	1.82	20,000
Packaged Bees	1983	169,000	"	5.82	984,000
	1982	163,000	"	5.77	941,000
Queen Bees	1983	106,000	Each	5.34	566,000
	1982	111,000	"	5.14	571,000
Pollination	1983				325,000
	1982				303,000
TOTALS	1983				\$ 1,934,000
	1982				1,938,000

## SEED CROPS — 1982 - 1983

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Clover	1983	2,730	430	1,174,721	Lb.	\$ 1.35	\$ 1,586,000
	1982	2,489	420	1,045,000	"	1.34	1,400,000
Rice	1983	2,012	7,100	14,285,200	"	.095	1,371,000
	1982	2,581	7,050	18,196,050	"	.084	1,528,000
Sudan	1983	475	1,911	907,834	"	.145	132,000
	1982	350	2,690	820,410	"	.16	135,000
Sunflower	1983	3,469	1,836	6,371,554	"	.45	2,867,000
	1982	2,456	826	2,028,656	"	.54	1,095,000
Vine Crops	1983†	1,895					1,246,000
	1982†	1,328					1,063,000
Other Seed	1983†	6,780					2,231,000
	1982†	3,785					2,807,000
TOTALS	1983	17,361					\$ 9,419,000
	1982	12,944					8,028,000

† Specific figures not shown to avoid disclosing individual operations.



# *Production and Value of Agricultural Products*

## LIVESTOCK AND POULTRY — 1982 - 1983

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1983	25,077	192,922	Cwt.	\$ 48.94	\$ 9,442,000
	1982	24,934	184,182	"	51.01	9,396,000
Sheep and Lambs	1983	33,066	33,512	"	50.79	1,702,000
	1982	36,963	37,462	"	50.35	1,886,000
Hogs and Pigs	1983	1,864	3,374	"	47.00	160,000
	1982	2,774	5,123	"	54.42	279,000
Poultry	1983	Included under Livestock and Poultry				
	1982	Products to protect Individual Operations				
TOTALS	1983					\$ 11,304,000
	1982					11,561,000

## LIVESTOCK AND POULTRY PRODUCTS — 1982 - 1983

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1983	1,859,000	Cwt.	\$ 12.75	\$ 23,698,000
	1982*	2,019,000	"	13.05	26,346,000
Market	1983	(1,418,000)	"	12.94	(18,349,000)
	1982*	(1,572,000)	"	13.22	(20,779,000)
Manufacturing	1983	(441,000)	"	12.13	(5,349,000)
	1982*	(447,000)	"	12.44	(5,567,000)
Wool	1983	415,712	Lb.	.57	237,000
	1982	350,599	"	.70	245,000
Miscellaneous	1983				28,000
	1982				25,000
TOTALS	1983				\$ 23,963,000
	1982*				26,616,000

\* Revised.

## VEGETABLE CROPS — 1982 - 1983

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1983	Included under Field Crops to avoid disclosing individual operations.					
	1982	disclosing individual operations.					

## NURSERY PRODUCTS — 1982 - 1983

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
	1983	Included under Field Crops to avoid disclosing individual operations.					
	1982	disclosing individual operations.					

## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1982 - 1983

CROP	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1983	10,240	.224	2,300	Meat	\$ 2,300.00	\$ 5,290,000
	1982	9,083	.48	4,335	Ton	1,711.00	7,417,000
Grapes	1983	875	6.75	5,906	Ton	150.00	886,000
	1982	875	6.75	5,906	"	150.00	886,000
Olives	1983	1,769	2.50	4,422	"	469.00	2,074,000
	1982	1,753	3.75	6,574	"	450.00	2,958,000
Citrus	1983	930	6.41	5,964	"	272.00	1,622,000
	1982*	950	5.26	4,993	"	209.00	1,044,000
Prunes	1983	4,862	2.79	13,571	Dried	620.00	8,414,000
	1982	4,688	1.87	8,766	Ton	740.00	6,487,000
Pears	1983						
	1982†						
Walnuts	1983	4,565	.99	4,541	Inshell	626.00	2,843,000
	1982	4,473	1.30	5,836	Ton	1,052.00	6,139,000
Misc. Fruits & Nuts	1983	453					1,102,000
	1982†	441					1,389,000
TOTALS	1983						\$ 22,231,000
	1982*						26,320,000

† Included under miscellaneous to protect individual operations.  
\* Revised

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1982 - 1983

CROP	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1983***	8,786,000	Board	\$ .10	\$ 875,000
	1982**	18,517,000	Feet	.17	3,145,000
Firewood	1983	3,062	Cord	50.00	153,000
	1982	3,414	Cord	50.00	171,000
Christmas Trees	1983	3,251	Each	5.00	16,000
	1982	2,100	"	5.00	11,000
TOTALS	1983				\$ 1,044,000
	1982				3,327,000

\*\* Production figures are for January 1, 1981 to December 31, 1981.

\*\*\* Production figures are for January 1, 1982 to December 31, 1982.

## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

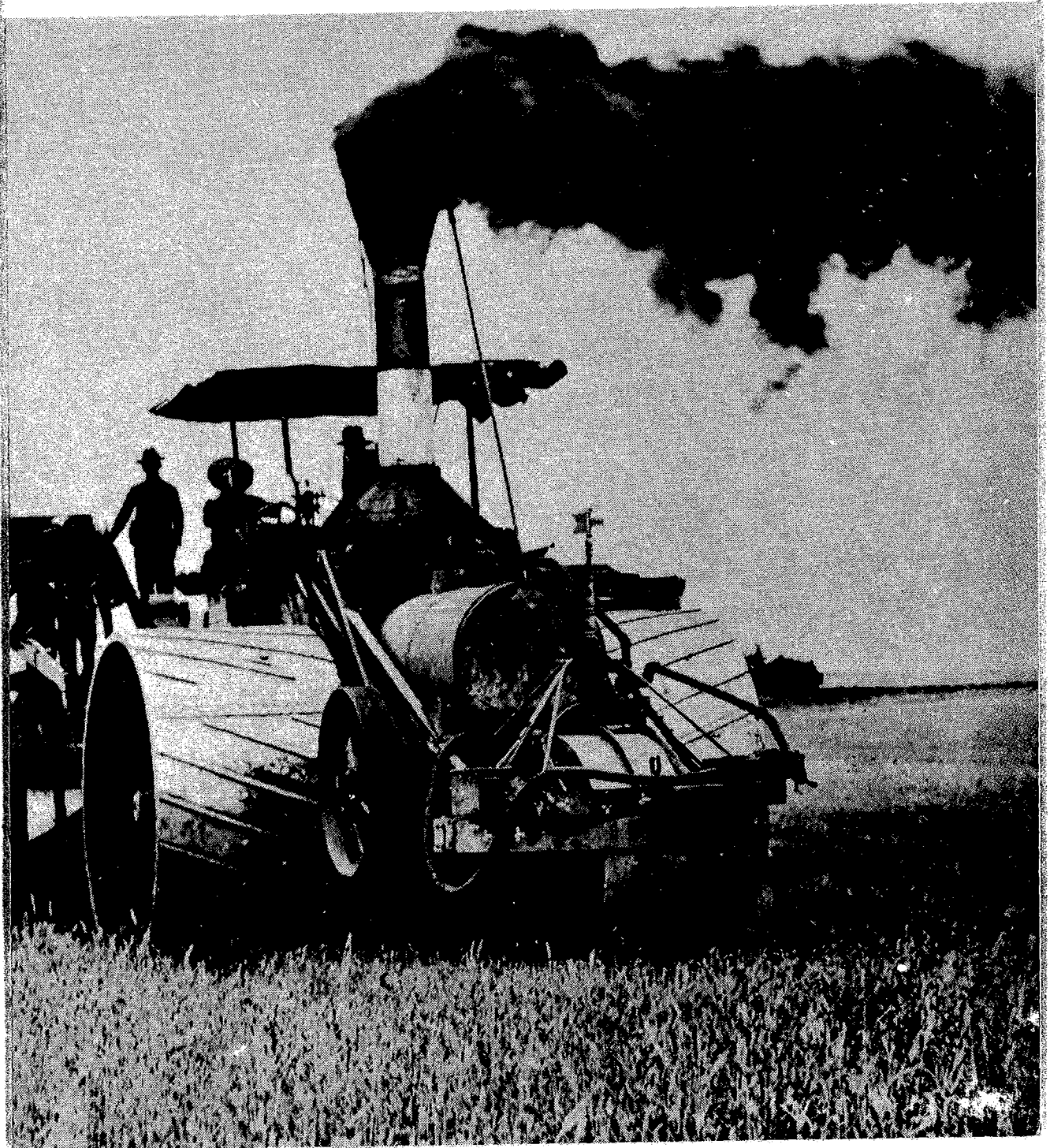
105 Years — 1878 - 1983

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1913-1914	29.18	1948-1949	15.59
1879-1880	13.96	1914-1915	27.19	1949-1950	10.32
1880-1881	13.85	1915-1916	18.11	1950-1951	17.48
1881-1882	8.28	1916-1917	11.43	1951-1952	23.50
1882-1883	8.45	1917-1918	11.90	1952-1953	19.70
1883-1884	18.84	1918-1919	12.90	1953-1954	16.64
1884-1885	7.80	1919-1920	7.70	1954-1955	14.57
1885-1886	19.15	1920-1921	21.28	1955-1956	23.24
1886-1887	8.07	1921-1922	13.44	1956-1957	19.11
1887-1888	8.97	1922-1923	16.81	1957-1958	32.93
1888-1889	10.30	1923-1924	8.86	1958-1959	11.96
1889-1890	29.94	1924-1925	25.99	1959-1960	13.88
1890-1891	19.01	1925-1926	18.44	1960-1961	16.24
1891-1892	18.82	1926-1927	25.99	1961-1962	16.01
1892-1893	27.30	1927-1928	17.54	1962-1963	20.48
1893-1894	11.15	1928-1929	11.46	1963-1964	9.34
1894-1895	26.04	1929-1930	16.37	1964-1965	18.75
1895-1896	22.18	1930-1931	9.85	1965-1966	13.26
1896-1897	18.82	1931-1932	15.01	1966-1967	23.65
1897-1898	6.58	1932-1933	7.79	1967-1968	15.21
1898-1899	13.05	1933-1934	15.65	1968-1969	23.25
1899-1900	15.23	1934-1935	19.62	1969-1970	18.56
1900-1901	17.49	1935-1936	17.48	1970-1971	13.50
1901-1902	21.67	1936-1937	16.40	1971-1972	7.15
1902-1903	17.10	1937-1938	26.28	1972-1973	25.11
1903-1904	20.28	1938-1939	6.82	1973-1974	17.45
1904-1905	24.55	1939-1940	23.21	1974-1975	16.03
1905-1906	19.85	1940-1941	40.50	1975-1976	6.30
1906-1907	17.88	1941-1942	24.07	1976-1977	8.46
1907-1908	13.44	1942-1943	15.68	1977-1978	25.72
1908-1909	22.09	1943-1944	13.52	1978-1979	14.97
1909-1910	14.36	1944-1945	16.94	1979-1980	26.95
1910-1911	17.75	1945-1946	14.72	1980-1981	18.76
1911-1912	11.26	1946-1947	12.28	1981-1982	25.58
1912-1913	13.18	1947-1948	19.56	1982-1983	37.25

# ANNUAL CROP AND LIVESTOCK REPORT

**ED ROMANO**  
Agricultural Commissioner

**GLENN COUNTY**  
**1984**



**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1984 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Joe Williams, Chairman

George Edwards

Stephen Blacet, III

Fred Pride

Keith Hansen

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Agricultural Biologist III
John F. B. Tolley .....	Agricultural Biologist III
George M. Stenlund .....	Agricultural Biologist III
Kenneth W. Ewing .....	Agricultural Biologist III
Steve Protine .....	Agricultural Biologist II
Kent A. Wiley .....	Agricultural Biologist I
Larry John .....	Agricultural Biologist Aide
Joseph R. McIntyre .....	Air Pollution Technician II
Mary (Susie) Gleason .....	Secretary II
Maureen Adamson .....	Secretary I

Cover Photo, courtesy of Artois Warehouse, shows early day grain harvesting in Glenn County.

County of Glenn

Department of Agriculture

ED ROMANO, Agricultural Commissioner

April 1, 1985

SEALER OF WEIGHTS & MEASURES

Clare Berryhill, Director  
State Department of Food and Agriculture  
and  
The Honorable Board of Supervisors  
County of Glenn

Gentlemen:

I am pleased to submit the 1984 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continues to be the leading industry in the county with a gross value of \$150,975,000, an increase of \$19,298,000 over 1983. However, because of the lower prices and increased cost net income continued to decline. Government payment of several million helped to soften the blow, but didn't improve the overall farm picture.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

ER:m

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1983 - 1984

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1984	4,500	.60	2,700	Ton	\$ 124.00	\$ 335,000
	1983	5,000	.50	2,500	"	125.00	313,000
Beans	1984	7,703	.55	4,206	"	600.00	2,524,000
	1983	699	1.05	734	"	700.00	514,000
Corn	1984	7,800	3.80	29,640	"	108.50	3,216,000
	1983	5,000	3.80	19,000	"	131.00	2,489,000
Hay Alfalfa	1984	16,500	6.90	113,850	"	85.00	9,677,000
	1983	16,500	4.90	80,850	"	100.00	8,085,000
Hay Other	1984	1,500	2.50	3,750	"	60.00	225,000
	1983	1,890	2.10	3,970	"	65.00	258,000
Pasture Irrigated	1984	22,000			Acre	120.00	2,640,000
	1983	22,000			"	130.00	2,860,000
Range	1984	240,000			"	6.00	1,440,000
	1983	240,000			"	6.00	1,440,000
Rice Paddy	1984	65,124	3.75	244,215	Ton	153.00	37,365,000
	1983	56,000	3.55	198,800	"	172.60	34,313,000
Safflower	1984	1,574	.73	1,149	"	244.56	281,000
	1983	1,740	.77	1,344	"	235.00	316,000
Silage	1984	3,000	27.00	81,000	"	18.00	1,458,000
	1983	3,000	26.00	78,000	"	18.00	1,404,000
Grain Sorghum	1984	2,700	2.00	5,400	"	99.44	537,000
	1983	2,000	2.00	4,000	"	121.50	486,000
Sugar Beets	1984	6,733	24.50	164,927	"	33.27	5,487,000
	1983	4,748	19.56	92,851	"	36.11	3,353,000
Wheat	1984	25,000	1.90	47,500	"	108.50	5,154,000
	1983	22,000	1.40	30,800	"	124.00	3,819,000
Miscellaneous	1984	859					2,956,000
	1983	650					2,036,000
<b>TOTALS</b>	1984	404,993					\$ 73,295,000
	1983	381,227					61,686,000

# Production and Value of Agricultural Products

## APIARY PRODUCTS — 1983 - 1984

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1984	67,000	Lb.	\$ .51	\$ 34,000
	1983	101,000	"	.51	52,000
Beeswax	1984	5,000	"	1.20	6,000
	1983	6,000	"	1.17	7,000
Packaged Bees	1984	148,000	"	5.91	875,000
	1983	169,000	"	5.82	984,000
Queen Bees	1984	131,000	Each	5.21	682,000
	1983	106,000	"	5.34	566,000
Pollination	1984				396,000
	1983				325,000
TOTALS	1984				\$ 1,993,000
	1983				1,934,000

## SEED CROPS — 1983 - 1984

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1984	1,107	224.15	248,137	Lb.	\$ 1.13	\$ 281,000
	1983†						
Beans	1984	2,173	1,161	2,522,853	"	.33	833,000
	1983†						
Clover	1984	4,004	332	1,331,266	"	1.30	1,728,000
	1983	2,730	430	1,174,721	"	1.35	1,586,000
Rice	1984	2,125	7,500	15,937,500	"	.08	1,275,000
	1983	2,021	7,100	14,285,200	"	.095	1,371,000
Sudan	1984†						
	1983	475	1,911	907,834	"	.145	132,000
Sunflower	1984	3,793	1,500	5,692,550	"	.48	2,726,000
	1983	3,469	1,836	6,371,554	"	.45	2,867,000
Wheat	1984	1,459	3,800	5,544,200	"	.06	334,000
	1983†						
Vine Crops	1984†	2,179					1,994,000
	1983†	1,895					1,246,000
Other Seed	1984	1,951					294,000
	1983	6,780					2,231,000
TOTALS	1984	18,791					\$ 9,465,000
	1983*	17,370					9,433,000

\* Revised

† Specific figures not shown to avoid disclosing individual operations.



# *Production and Value of Agricultural Products*

## LIVESTOCK AND POULTRY — 1983 - 1984

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1984	21,858	162,896	Cwt.	\$ 50.38	\$ 8,207,000
	1983	25,077	192,922	"	48.94	9,442,000
Sheep and Lambs	1984	26,415	27,102	"	50.84	1,378,000
	1983	33,066	33,512	"	50.79	1,702,000
Hogs and Pigs	1984	1,482	2,689	"	46.86	126,000
	1983	1,864	3,374	"	47.00	160,000
Poultry	1984	Included under Livestock and Poultry				
	1983	Products to protect individual operations				
TOTALS	1984					\$ 9,711,000
	1983					11,304,000

## LIVESTOCK AND POULTRY PRODUCTS — 1983 - 1984

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1984	1,758,000	Cwt.	\$ 12.67	\$ 22,267,000
	1983*	1,863,140	"	12.88	23,982,000
Market	1984	(1,376,000)	"	12.84	(17,668,000)
	1983*	(1,442,020)	"	13.03	(18,790,000)
Manufacturing	1984	(382,000)	"	12.04	(4,599,000)
	1983*	(421,120)	"	13.92	(5,863,000)
Wool	1984	301,295	Lb.	.80	241,000
	1983	415,712	"	.57	237,000
Miscellaneous	1984				35,000
	1983				28,000
TOTALS	1984				\$ 22,543,000
	1983*				24,247,000

\* Revised

## VEGETABLE CROPS — 1983 - 1984

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1984	Included under Field Crops to avoid					
	1983	disclosing individual operations					

## NURSERY PRODUCTS — 1983 - 1984

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
	1984	Included under Field Crops to avoid					
	1983	disclosing individual operations.					

## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1983 - 1984

CROP	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1984	11,766	.58	6,824	Meat	\$ 1,700.00	\$ 11,601,000
	1983	10,240	.224	2,300	Ton	2,300.00	5,290,000
Grapes	1984†						
	1983	875	6.75	5,906	Ton	150.00	886,000
Olives	1984	1,774	4.3	7,628	"	424.00	3,234,000
	1983	1,769	2.50	4,422	"	469.00	2,074,000
Citrus	1984	938	7.56	7,094	"	375.00	2,659,000
	1983*	938	6.67	6,257	"	227.00	1,420,000
Prunes	1984	5,042	2.50	12,605	Dried	704.00	8,874,000
	1983	4,862	2.79	13,571	Ton	620.00	8,414,000
Walnuts	1984	4,585	1.16	5,319	Inshell	668.00	3,553,000
	1983	4,565	.99	4,541	Ton	626.00	2,843,000
Misc. Fruits & Nuts	1984	1,310.5					2,069,000
	1983	453					1,102,000
TOTALS	1984						\$ 31,990,000
	1983*						22,029,000

\* Revised  
† Included under miscellaneous to protect individual operations.

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1983 - 1984

CROP	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1984***	24,658,000	Board	\$ .08	\$ 1,887,000
	1983**	8,786,000	Feet	.10	875,000
Firewood	1984	1,166	Cord	50.00	58,000
	1983	3,062	"	50.00	153,000
Christmas Trees	1984	6,608	Tree	5.00	33,000
	1983	3,251	"	5.00	16,000
TOTALS	1984				\$ 1,978,000
	1983				1,044,000

\*\* Production figures are for January 1, 1982 to December 31, 1982

\*\*\* Production figures are for January 1, 1983 to December 31, 1983.

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

**RECAPITULATION**

Value of Agricultural Production	1983	1984
Field Crops .....	\$ 61,686,000	\$ 73,295,000
Livestock and Poultry .....	11,304,000	9,711,000
Fruit and Nut Crops .....	22,029,000	31,990,000
Livestock and Poultry Products* ....	24,247,000	22,543,000
Seed Crops .....	9,433,000	9,465,000
Apiary Industry .....	1,934,000	1,993,000
Total Agricultural Production .....	\$ 130,633,000	\$ 148,997,000
Value of Forest Production	1983	1984
Timber .....	\$ 875,000	\$ 1,887,000
Fire Wood .....	153,000	58,000
Christmas Trees .....	16,000	33,000
Total Forest Production .....	\$ 1,044,000	\$ 1,978,000
Grand Total of All Production	\$ 131,677,000	\$ 150,975,000
* Revised		

**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1984 Value
1. Rice .....	\$ 37,365,000
2. Dairy Products .....	22,543,000
3. Almonds .....	11,601,000
4. Alfalfa Hay .....	9,677,000
5. Prunes .....	8,874,000
6. Cattle and Calves .....	8,207,000
7. Sugar Beets .....	5,487,000
8. Wheat .....	5,154,000
9. Walnuts .....	3,553,000
10. Olives .....	3,234,000

## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

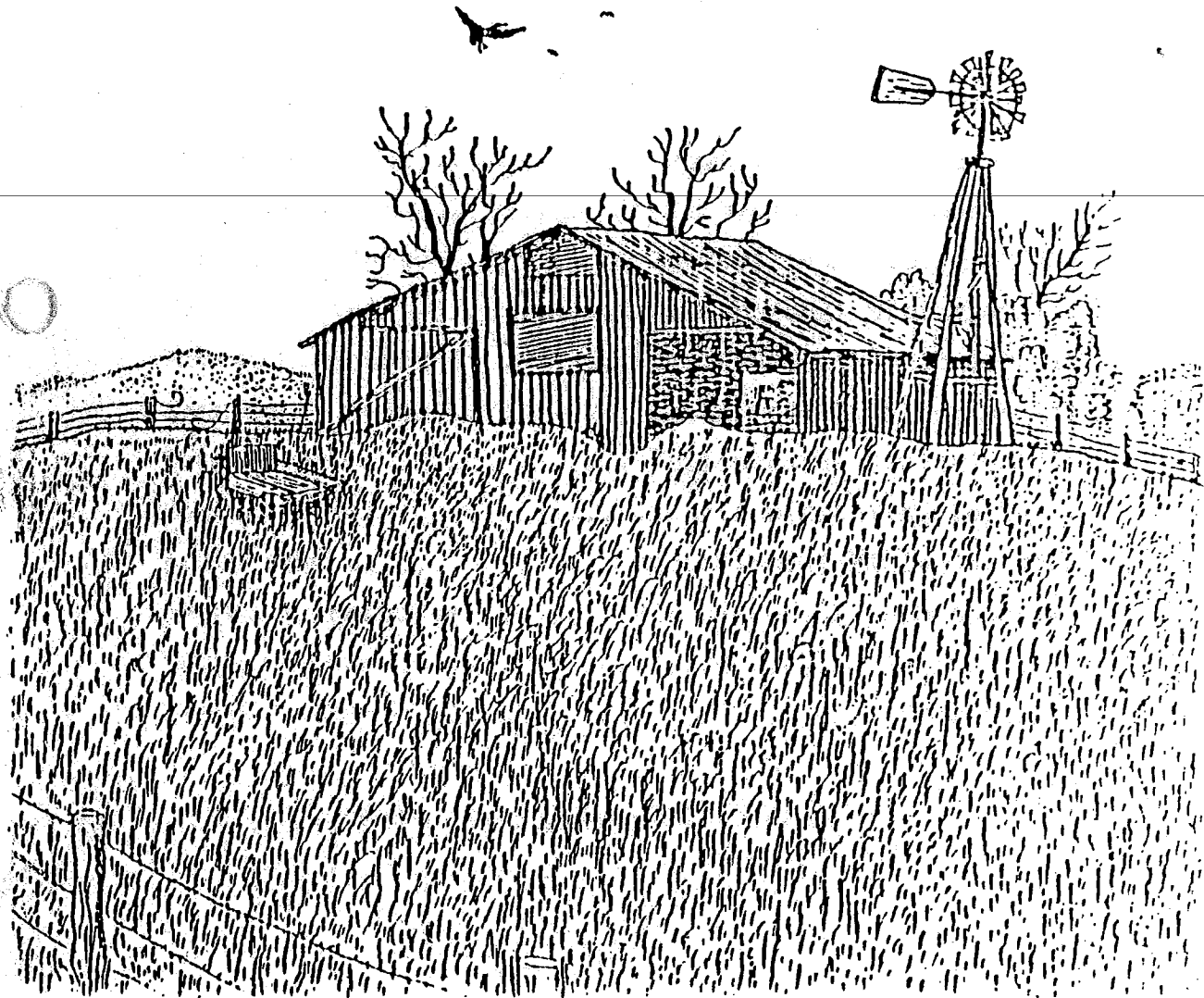
106 Years — 1878 - 1984

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1914-1915	27.19	1950-1951	17.48
1879-1880	13.96	1915-1916	18.11	1951-1952	23.50
1880-1881	13.85	1916-1917	11.43	1952-1953	19.70
1881-1882	8.28	1917-1918	11.90	1953-1954	16.64
1882-1883	8.45	1918-1919	12.90	1954-1955	14.57
1883-1884	18.84	1919-1920	7.70	1955-1956	23.24
1884-1885	7.80	1920-1921	21.28	1956-1957	19.11
1885-1886	19.15	1921-1922	13.44	1957-1958	32.93
1886-1887	8.07	1922-1923	16.81	1958-1959	11.96
1887-1888	8.97	1923-1924	8.86	1959-1960	13.88
1888-1889	10.30	1924-1925	25.99	1960-1961	16.24
1889-1890	29.94	1925-1926	18.44	1961-1962	16.01
1890-1891	19.01	1926-1927	25.99	1962-1963	20.48
1891-1892	18.82	1927-1928	17.54	1963-1964	9.34
1892-1893	27.30	1928-1929	11.46	1964-1965	18.75
1893-1894	11.15	1929-1930	16.37	1965-1966	13.26
1894-1895	26.04	1930-1931	9.85	1966-1967	23.65
1895-1896	22.18	1931-1932	15.01	1967-1968	15.21
1896-1897	18.82	1932-1933	7.79	1968-1969	23.25
1897-1898	6.58	1933-1934	15.65	1969-1970	18.56
1898-1899	13.05	1934-1935	19.62	1970-1971	13.50
1899-1900	15.23	1935-1936	17.48	1971-1972	7.15
1900-1901	17.49	1936-1937	16.40	1972-1973	25.11
1901-1902	21.67	1937-1938	26.28	1973-1974	17.45
1902-1903	17.10	1938-1939	6.82	1974-1975	16.03
1903-1904	20.28	1939-1940	23.21	1975-1976	6.30
1904-1905	24.55	1940-1941	40.50	1976-1977	8.46
1905-1906	19.85	1941-1942	24.07	1977-1978	25.72
1906-1907	17.88	1942-1943	15.68	1978-1979	14.97
1907-1908	13.44	1943-1944	13.52	1979-1980	26.95
1908-1909	22.09	1944-1945	16.94	1980-1981	18.76
1909-1910	14.36	1945-1946	14.72	1981-1982	25.58
1910-1911	17.75	1946-1947	12.28	1982-1983	37.25
1911-1912	11.26	1947-1948	19.56	1983-1984	20.47
1912-1913	13.18	1948-1949	15.59		
1913-1914	29.18	1949-1950	10.32		

ANNUAL CROP  
AND LIVESTOCK REPORT

ED ROMANO  
Agricultural Commissioner

GLENN COUNTY  
1985



GLENN COUNTY  
DEPARTMENT OF AGRICULTURE

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

1985 ANNUAL CROP  
AND LIVESTOCK REPORT

GLENN COUNTY BOARD OF SUPERVISORS

George Edwards, Chairman

Joe Williams

Jim Mann

Fred Pride

Joanne Overton

PERSONNEL

Ed Romano ..... Agricultural Commissioner  
W.R. Duckworth, Jr. .... Assistant Commissioner  
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Joseph R. McIntyre ..... Air Pollution Technician II  
Susie Gleason ..... Secretary II  
Maureen Adamson ..... Secretary I

Cover Drawing by - Cliff Edgar

County of Glenn

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

April 08, 1986

Clare J. Berryhill, Director  
California Department of Food and Agriculture  
-and-  
The Honorable Board of Supervisors  
County of Glenn

Gentlemen:

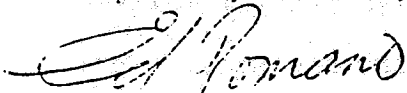
I am pleased to submit the 1985 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$149,977,000. Rice and dairy products continue to be the leading crops. Because of lower prices and production, the county gross income did not equal the \$151,312,000 of 1984. This year we saw sun-flower seed enter the top ten in production for the first time.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

ER:s

PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS

FIELD CROPS — 1984 - 1985

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Price Per Unit	Total Value
Barley	1985	6,250	1.20	7,500	Ton	\$ 99.00	\$ 743,000
	1984	4,500	.60	2,700	"	124.00	335,000
Beans	1985	3,737	.85	3,170	Ton	520.00	1,648,000
	1984	7,703	.55	4,206	"	600.00	2,524,000
Corn	1985	8,100	3.80	30,780	Ton	96.00	2,955,000
	1984	7,800	3.80	29,640	"	108.50	3,216,000
Hay Alfalfa	1985	16,500	7.00	115,500	Ton	83.00	9,587,000
	1984	16,500	6.90	113,850	"	85.00	9,677,000
Hay Other	1985	1,250	2.50	3,125	Ton	65.00	203,000
	1984	1,500	2.50	3,750	"	60.00	225,000
Pasture Irrigated	1985	19,500			Acre	110.00	2,145,000
	1984	22,000			"	120.00	2,640,000
Range	1985	240,000			Acre	5.00	1,200,000
	1984	240,000			"	6.00	1,440,000
Rice Paddy	1985	63,364	3.80	240,783	Ton	152.24	36,657,000
	1984	65,124	3.75	244,215	"	153.00	37,365,000
Safflower	1985*						
	1984	1,574	.73	1,149	Ton	244.46	281,000
Silage	1985	3,000	25.00	75,000	Ton	24.00	1,800,000
	1984	3,000	27.00	81,000	"	18.00	1,458,000
Grain Sorghum	1985	3,500	2.51	8,775	Ton	90.00	790,000
	1984	2,700	2.00	5,400	"	99.44	537,000
Sugar Beets	1985	7,606	23.45	178,335	Ton	28.24	5,036,000
	1984	6,733	24.50	164,927	"	33.27	5,487,000
Wheat	1985	38,000	2.30	87,400	Ton	98.00	8,565,000
	1984	25,000	1.90	47,500	"	108.50	5,154,000
Miscellaneous	1985	2,593					3,242,000
	1984	859					2,956,000
TOTALS	1985	413,400					74,571,000
	1984	404,993					73,295,000

\* Included under Miscellaneous to protect individual operations.



PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS

APIARY PRODUCTS — 1984 - 1985

Item	Year	Total Production	Unit	Price Per Unit	Total Value
Honey	1985	90,000	Lb.	\$ .47	\$ 42,000
	1984	67,000	"	.51	34,000
Beeswax	1985	7,000	Lb.	1.00	7,000
	1984	5,000	"	1.20	6,000
Packaged Bees	1985	120,000	Lb.	4.98	598,000
	1984	148,000	"	5.91	875,000
Queen Bees	1985	106,000	Each	4.90	519,000
	1984	131,000	"	5.21	682,000
Pollination	1985				375,000
	1984				396,000
TOTALS	1985				\$ 1,541,000
	1984				1,993,000

SEED CROPS — 1984 - 1985

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Price Per Unit	Total Value
Alfalfa	1985	1,155	216	249,540	Lb.	\$ 1.10	\$ 274,000
	1984	1,107	224.15	248,137	"	1.13	281,000
Beans	1985	1,940	1,836	3,561,107	Lb.	.30	1,068,000
	1984	2,173	1,161	2,522,853	"	.33	833,000
Clover	1985	4,327	344	1,490,314	Lb.	1.43	2,131,000
	1984	4,004	332	1,331,266	"	1.30	1,728,000
Rice	1985	1,100	7,500	8,250,000	Lb.	.079	652,000
	1984	2,125	7,500	15,937,500	"	.08	1,275,000
Sunflowers	1985	7,114	1,531	10,890,785	Lb.	.35	3,927,000
	1984	3,793	1,500	5,692,550	"	.48	2,726,000
Vine Crops *	1985	1,743					1,515,000
	1984	2,179					1,994,000
Other Seed	1985	1,297					179,000
	1984	1,951					294,000
Wheat	1985*						
	1984	1,459	3,800	5,544,200	Lb.	.06	334,000
TOTALS	1985	18,676					9,746,000
	1984	18,791					9,465,000

\* Specific figures not shown to avoid disclosing individual operations

**PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS**

**LIVESTOCK AND POULTRY — 1984 - 1985**

Item	Year	Number Of Head	Total Live Weight	Unit	Price Per Unit	Total Value
Cattle and Calves	1985	22,441	165,843	Cwt.	47.71	\$ 7,912,000
	1984	21,858	162,896	"	50.38	8,207,000
Sheep and Lambs	1985	30,332	31,121	Cwt.	61.76	1,922,000
	1984	26,415	27,102	"	50.84	1,378,000
Hogs and Pigs	1985	1,300	2,389	Cwt.	31.81	76,000
	1984	1,482	2,689	"	46.86	126,000
Poultry	1985	Included Under Livestock and Poultry Products to				
	1984	Protect Individual Operations				
TOTALS	1985					\$ 9,910,000
	1984					9,711,000

**LIVESTOCK AND POULTRY PRODUCTS — 1984 - 1985**

Item	Year	Production	Unit	Price Per Unit	Total Value	
Milk, all	1985	2,067,000	Cwt.	11.81	\$24,405,000	
	1984*	1,793,950	"	12.60	22,604,000	
Market	1985	(1,391,000)	Cwt.	12.17	(16,928,000)	
	1984*	(1,354,840)	"	12.84	(17,396,000)	
Manufacturing	1985	(676,000)	Cwt.	11.06	(7,477,000)	
	1984*	(439,110)	"	11.86	(5,208,000)	
Wool	1985	261,291	Lb.	.61	159,000	
	1984	301,295	"	.80	241,000	
Miscellaneous	1985					44,000
	1984					35,000
TOTALS	1985					\$24,608,000
	1984*					22,880,000

\* Revised

**VEGETABLE CROPS — 1984 - 1985**

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Price Per Unit	Total Value
All Vegetables	1985	Included Under Field Crops to avoid					
	1984	Disclosing Individual Operations					

**NURSERY PRODUCTS — 1984 - 1985**

Crop	Year	Acreage	Production Per Acre	Total Production	Unit	Price Per Unit	Total Value
	1985	Included Under Field Crops to avoid					
	1984	Disclosing Individual Operations					

PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS

FRUIT AND NUT CROPS — 1984 - 1985

Crop	Year	Bearing Acreage	Production Per Acre	Total Production	Unit	Price Per Unit	Total Value	
Almonds	1985	12,004	.45	5,410	Meat	\$1,375.00	\$ 7,439,000	
	1984	11,766	.58	6,824	Ton	1,700.00	11,601,000	
Grapes	1985 1984	Included Under Miscellaneous to Protect Individual Operations						
Olives	1985	1,835	4.81	8,829	Ton	415.00	3,700,000	
	1984	1,774	4.30	7,628	"	424.00	3,234,000	
Citrus	1985	906	3.06	2,768	Ton	258.00	714,000	
	1984	938	7.56	7,094	"	375.00	2,659,000	
Prunes	1985	5,278	2.29	12,078	Dried	620.00	7,488,000	
	1984	5,042	2.50	12,605	Ton	704.00	8,874,000	
Walnuts	1985	4,656	1.34	6,259	Inshell	700.00	4,381,000	
	1984	4,585	1.16	5,319	"	668.00	3,553,000	
Misc. Fruits & Nuts	1985	1,543					1,495,000	
	1984	1,310.5					2,069,000	
TOTALS	1985						\$25,217,000	
	1984						31,990,000	

PRODUCTION AND VALUE OF FOREST PRODUCTS

FOREST PRODUCTS — 1984 - 1985

Crop	Year	Total Production	Unit	Price Per Unit	Total Value
Timber	1985***	41,284,000	Board	.10	\$ 4,312,000
	1984**	24,658,000	Feet	.08	1,887,000
Firewood	1985	967	Cord	50.00	48,000
	1984	1,166		50.00	58,000
Christmas Trees	1985	3,944	Tree	6.09	24,000
	1984	6,608		5.00	33,000
TOTALS	1985				\$ 4,384,000
	1984				1,978,000

\*\* Production Figures are for January 1, 1983 to December 31, 1983

\*\*\* Production Figures are for January 1, 1984 to December 31, 1984

VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA

RECAPITULATION

Value of Agricultural Production	1984	1985
Field Crops.....\$	73,295,000 .....	\$ 74,571,000
Livestock and Poultry.....	9,711,000 .....	9,910,000
Fruit and Nut Crops.....	31,990,000 .....	25,217,000
Livestock and Poultry Products * .....	22,880,000 .....	24,608,000
Seed Crops.....	9,465,000 .....	9,746,000
Apiary Industry.....	1,993,000 .....	1,541,000
Total Agricultural Production*.....\$	149,334,000 .....	\$ 145,593,000
Value of Forest Production	1984	1985
Timber.....\$	1,887,000 .....	\$ 4,312,000
Fire Wood.....	58,000 .....	48,000
Christmas Trees.....	33,000 .....	24,000
Total Forest Production.....\$	1,978,000 .....	\$ 4,384,000
Grand Total of All Production* \$	151,312,000 .....	\$ 149,977,000

\* Revised

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	1985 Value
1. Rice.....\$	36,657,000
2. Dairy Products.....	24,405,000
3. Hay, Alfalfa.....	9,587,000
4. Wheat.....	8,565,000
5. Cattle and Calves.....	7,912,000
6. Prunes.....	7,488,000
7. Almonds.....	7,439,000
8. Sugar Beets.....	5,036,000
9. Walnuts.....	4,381,000
10. Sunflowers.....	3,927,000

## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

106 YEARS — 1878 - 1985

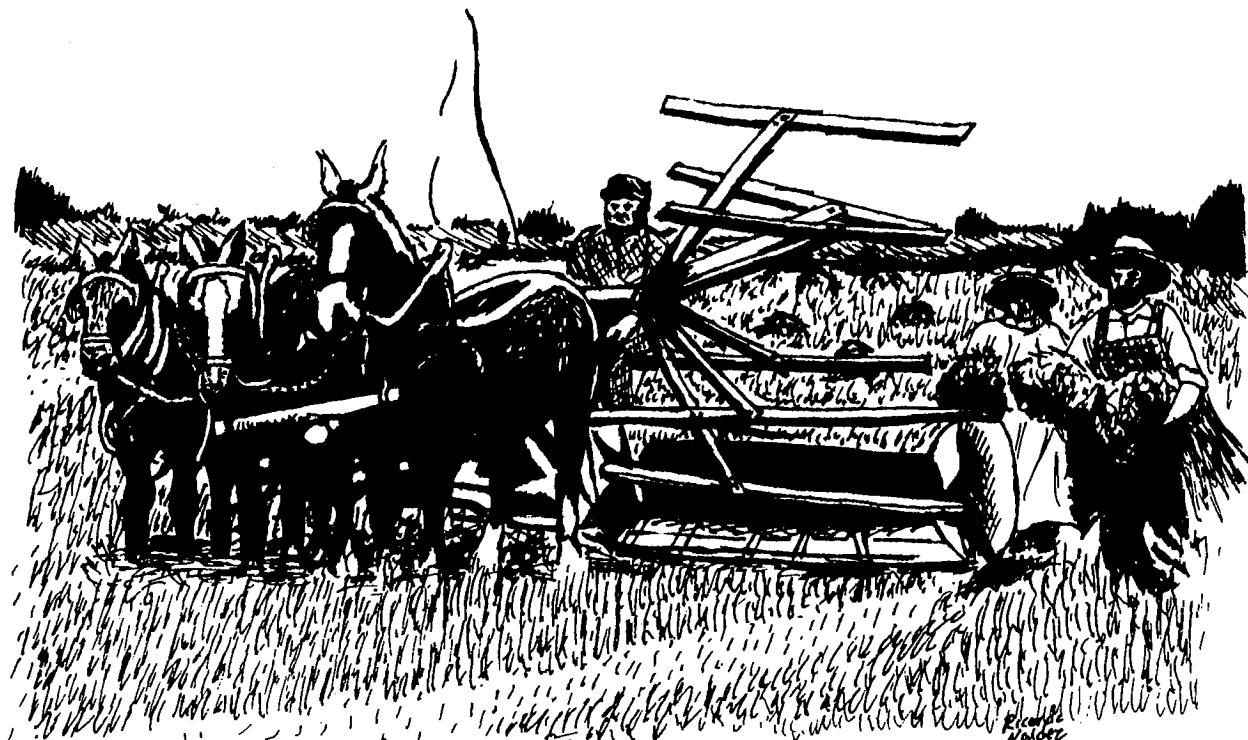
1878-1879.....	7.01	1925-1926.....	18.44	1972-1973.....	25.11
1879-1880.....	13.96	1926-1927.....	25.99	1973-1974.....	17.45
1880-1881.....	13.85	1927-1928.....	17.54	1974-1975.....	16.03
1881-1882.....	8.28	1928-1929.....	11.46	1975-1976.....	6.30
1882-1883.....	8.45	1929-1930.....	16.37	1976-1977.....	8.46
1883-1884.....	18.84	1930-1931.....	9.85	1977-1978.....	25.72
1884-1885.....	7.80	1931-1932.....	15.01	1978-1979.....	14.97
1885-1886.....	19.15	1932-1933.....	7.79	1979-1980.....	26.95
1886-1887.....	8.07	1933-1934.....	15.65	1980-1981.....	18.76
1887-1888.....	8.97	1934-1935.....	19.62	1981-1982.....	25.58
1888-1889.....	10.30	1935-1936.....	17.48	1982-1983.....	37.25
1889-1890.....	29.94	1936-1937.....	16.40	1983-1984.....	20.47
1890-1991.....	19.01	1937-1938.....	26.28	1984-1985.....	14.89
1891-1892.....	18.82	1938-1939.....	6.82		
1892-1893.....	27.30	1939-1940.....	23.21		
1893-1894.....	11.15	1940-1941.....	40.50		
1894-1895.....	26.04	1941-1942.....	24.07		
1895-1896.....	22.18	1942-1943.....	15.68		
1896-1897.....	18.82	1943-1944.....	13.52		
1897-1898.....	6.58	1944-1945.....	16.94		
1898-1899.....	13.05	1945-1946.....	14.72		
1899-1900.....	15.23	1946-1947.....	12.28		
1900-1901.....	17.49	1947-1948.....	19.56		
1901-1902.....	21.67	1948-1949.....	15.59		
1902-1903.....	17.10	1949-1950.....	10.32		
1903-1904.....	20.28	1950-1951.....	17.48		
1904-1905.....	24.55	1951-1952.....	23.50		
1905-1906.....	19.85	1952-1953.....	19.70		
1906-1907.....	17.88	1953-1954.....	16.64		
1907-1908.....	13.44	1954-1955.....	14.57		
1908-1909.....	22.09	1955-1956.....	23.24		
1909-1910.....	14.36	1956-1957.....	19.11		
1910-1911.....	17.75	1957-1958.....	32.93		
1911-1912.....	11.26	1958-1959.....	11.96		
1912-1913.....	13.18	1959-1960.....	13.88		
1913-1914.....	29.18	1960-1961.....	16.24		
1914-1915.....	27.19	1961-1962.....	16.01		
1915-1916.....	18.11	1962-1963.....	20.48		
1916-1917.....	11.43	1963-1964.....	9.34		
1917-1918.....	11.90	1964-1965.....	18.75		
1918-1919.....	12.90	1965-1966.....	13.26		
1919-1920.....	7.70	1966-1967.....	23.65		
1920-1921.....	21.28	1967-1968.....	15.21		
1921-1922.....	13.44	1968-1969.....	23.25		
1922-1923.....	16.81	1969-1970.....	18.56		
1923-1924.....	8.86	1970-1971.....	13.50		
1924-1925.....	25.99	1971-1972.....	7.15		

# ANNUAL CROP AND LIVESTOCK REPORT

**ED ROMANO**  
Agricultural Commissioner

**GLENN COUNTY**

**1986**



**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1986 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Joanne Overton, Chairman

Joe Williams

Jim Mann

Fred Pride

George Edwards

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Agricultural Biologist III
John F. B. Tolley .....	Agricultural Biologist III
Kent A. Wiley .....	Agricultural Biologist I
Paul Kjos .....	Agricultural Biologist I
Rey Lopez .....	Agricultural Biologist I
Luis Mendoza .....	Agricultural Biologist I
Larry John .....	Agricultural Biologist Aide
David Odabashian .....	Air Pollution Specialist I
Susie Gleason .....	Secretary II
Maureen Adamson .....	Secretary I
Cindi Schroeder .....	Clerical Assistant II

Cover Drawing by Ricardo Valdez

County of Glenn Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

June 11, 1987

Jack C. Parnell, Director  
California Department of Food and Agriculture

-and-

The Honorable Board of Supervisors  
County of Glenn

I am pleased to submit the 1986 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$152,734,000, an increase of \$2,757,000 over last year. The year also saw Almonds move from seventh place to third place in the counties top ten crops.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

ER:s



# *Production and Value of Agricultural Products*

## FIELD CROPS — 1985 - 1986

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1986	5,000	.80	4,000	Ton	\$ 81.50	\$ 326,000
	1985	6,250	1.20	7,500	"	99.00	743,000
Beans	1986	6,838	.72	4,923	"	660.00	3,249,000
	1985	3,737	.85	3,170	"	520.00	1,648,000
Corn	1986	6,000	4.00	24,000	"	77.46	1,859,000
	1985	8,100	3.80	30,780	"	96.00	2,955,000
Hay Alfalfa	1986	18,150	6.80	123,420	"	75.00	9,257,000
	1985	16,500	7.00	115,500	"	83.00	9,587,000
Hay Other	1986	1,350	2.50	3,375	"	48.00	162,000
	1985	1,250	2.50	3,125	"	65.00	203,000
Pasture Irrigated	1986	16,575			Acre	100.00	1,658,000
	1985	19,500			"	110.00	2,145,000
Range	1986	240,000			"	5.00	1,200,000
	1985	240,000			"	5.00	1,200,000
Rice Paddy	1986	59,335	3.80	225,473	Ton	140.00	31,566,000
	1985	63,364	3.80	240,783	"	152.24	36,657,000
Safflower	1986*						
	1985*						
Silage	1986	3,000	25.00	75,000	"	16.00	1,200,000
	1985	3,000	25.00	75,000	"	24.00	1,800,000
Grain Sorghum	1986	2,000	2.30	4,600	"	71.09	327,000
	1985	3,500	2.51	8,775	"	90.00	790,000
Sugar Beets	1986	7,844	19.92	156,223	"	32.71	5,110,000
	1985	7,606	23.45	178,335	"	28.24	5,036,000
Wheat	1986	30,000	2.00	60,000	"	81.80	4,908,000
	1985	38,000	2.30	87,400	"	98.00	8,565,000
Miscellaneous	1986	3,525					960,000
	1985	2,593					3,242,000
TOTALS	1986	399,892					\$ 61,782,000
	1985	413,400					74,571,000

\* Included under miscellaneous to protect individual operations.

## *Production and Value of Agricultural Products*

### APIARY PRODUCTS — 1985 - 1986

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1986	208,000	Lb.	\$ .47	\$ 97,000
	1985	90,000	"	.47	42,000
Beeswax	1986	8,000	"	.75	6,000
	1985	7,000	"	1.00	7,000
Packaged Bees	1986	125,000	"	5.20	650,000
	1985	120,000	"	4.98	598,000
Queen Bees	1986	100,000	Each	5.15	515,000
	1985	106,000	"	4.90	519,000
Pollination	1986				430,000
	1985				375,000
TOTALS	1986				\$ 1,698,000
	1985				1,541,000

### SEED CROPS — 1985 - 1986

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1986*						
	1985	1,155	216	249,540	Lb.	\$ 1.10	\$ 274,000
Beans	1986	1,562	1,909	2,981,500	"	.38	1,133,000
	1985	1,940	1,836	3,561,107	"	.30	1,068,000
Clover	1986	4,687	422	1,977,914	"	1.25	2,472,000
	1985	4,327	344	1,490,314	"	1.43	2,131,000
Rice	1986	1,897	7,500	14,227,500	"	.093	1,323,000
	1985	1,100	7,500	8,250,000	"	.079	652,000
Sunflower	1986	5,672	1,670	9,472,240	"	.55	5,210,000
	1985	7,114	1,531	10,890,785	"	.36	3,927,000
Vine Crops	1986	1,655					1,454,000
	1985	1,743					1,515,000
Other Seed	1986	829					268,000
	1985	1,297					179,000
TOTALS	1986	16,302					\$ 11,860,000
	1985	18,676					9,746,000

\* Included under other seed to avoid disclosing individual operations.

# Production and Value of Agricultural Products

## LIVESTOCK AND POULTRY — 1985 - 1986

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1986	22,254	164,280	Cwt.	\$ 46.49	\$ 7,638,000*
	1985	22,441	165,843	"	47.71	7,912,000
Sheep and Lambs	1986	20,322	20,850	"	62.01	1,293,000
	1985	30,332	31,121	"	61.76	1,922,000
Hogs and Pigs	1986	1,212	2,085	"	51.80	108,000
	1985	1,300	2,389	"	31.81	76,000
Poultry	1986	Included under Livestock and Poultry				
	1985	Products to protect individual operations.				
TOTALS	1986					\$ 9,039,000
	1985					9,910,000

\* Total does not include Government herd purchases.

## LIVESTOCK AND POULTRY PRODUCTS — 1985 - 1986

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Milk, all	1986	2,104,000	Cwt.	\$ 11.45	\$ 24,096,000	
	1985*	2,013,000	"	11.85	23,853,000	
Market	1986	1,497,000	"	11.72	17,549,000	
	1985*	1,435,000	"	12.17	17,466,000	
Manufacturing	1986	606,000	"	10.80	6,547,000	
	1985*	577,000	"	11.07	6,387,000	
Wool	1986	174,000	Lbs.	.66	115,000	
	1985	261,291	"	.61	159,000	
Miscellaneous	1986					66,000
	1985					44,000
TOTALS	1986					\$ 24,277,000
	1985*					24,056,000

\* Revised

## VEGETABLE CROPS — 1985 - 1986

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1986	Included under Field Crops to avoid					
	1985	disclosing individual operations.					

## NURSERY PRODUCTS — 1985 - 1986

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
	1986	275					\$ 2,714,000
	1985	Included under Field Crops to avoid disclosing individual operations.					

## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1985 - 1986

CROP	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1986	14,299	.30	4,289	Meat	\$ 4,000.00	\$ 17,156,000
	1985	12,004	.45	5,410	Ton	1,375.00	7,439,000
Citrus	1986	912	10.56	9,636	Ton	203.00	1,954,000
	1985	906	3.06	2,768	"	258.00	714,000
Olives	1986*	1,796	3.60	6,466	"	491.00	3,175,000
	1985	1,835	4.81	8,829	"	419.00†	3,699,000
Prunes	1986*	5,805	2.06	11,958	Dried	764.00	9,136,000
	1985	5,278	2.29	12,078	Ton	620.00	7,488,000
Walnuts	1986	5,765	.68	3,920	Inshell	1,100.00	4,312,000
	1985	4,656	1.34	6,259	Ton	700.00	4,381,000
Misc. Fruits & Nuts	1986	1,261					3,163,000
	1985	1,543					1,495,000
TOTALS	1986						\$ 38,896,000
	1985						25,216,000

\* Preliminary Figures  
† Revised

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1985 - 1986

CROP	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1986***	33,557,000	Board	\$ .072	\$ 2,421,000
	1985**	41,284,000	Feet	.10	4,312,000
Firewood	1986	770	Cord	55.00	42,000
	1985	967	"	50.00	48,000
Christmas Trees	1986	1,002	Tree	5.00	5,000
	1985	3,944	"	6.09	24,000
TOTALS	1986				\$ 2,468,000
	1985				4,384,000

\*\* Production figures are for January 1, 1984 to December 31, 1984

\*\*\* Production figures are for January 1, 1985 to December 31, 1985

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

**RECAPITULATION**

Value of Agricultural Production	1985	1986
Field Crops .....	\$ 74,571,000	\$ 61,782,000
Livestock and Poultry .....	9,910,000	9,039,000
Fruit and Nut Crops .....	25,216,000	38,896,000
Livestock and Poultry Products* ....	24,056,000	24,277,000
Seed Crops .....	9,746,000	11,860,000
Apiary Industry .....	1,541,000	1,698,000
Nursery Products .....		2,714,000
Total Agricultural Production ...	\$ 145,040,000*	\$ 150,266,000

Value of Forest Production	1985	1986
Timber .....	\$ 4,312,000	\$ 2,421,000
Firewood .....	48,000	42,000
Christmas Trees .....	24,000	5,000
Total Forest Production .....	\$ 4,384,000	\$ 2,468,000

Grand Total All Production\* .... \$ 149,424,000 ..... \$ 152,734,000

\* Revised

**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1986 Value
1. Rice .....	\$ 31,566,000
2. Dairy Products .....	24,096,000
3. Almonds .....	17,156,000
4. Hay, Alfalfa .....	9,257,000
5. Prunes .....	9,136,000
6. Cattle and Calves .....	7,638,000
7. Sunflowers .....	5,210,000
8. Sugar Beets .....	5,110,000
9. Wheat .....	4,908,000
10. Walnuts .....	4,312,000

## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

107 Years — 1878 - 1986

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1914-1915	27.19	1950-1951	17.48
1879-1880	13.96	1915-1916	18.11	1951-1952	23.50
1880-1881	13.85	1916-1917	11.43	1952-1953	19.70
1881-1882	8.28	1917-1918	11.90	1953-1954	16.64
1882-1883	8.45	1918-1919	12.90	1954-1955	14.57
1883-1884	18.84	1919-1920	7.70	1955-1956	23.24
1884-1885	7.80	1920-1921	21.28	1956-1957	19.11
1885-1886	19.15	1921-1922	13.44	1957-1958	32.93
1886-1887	8.07	1922-1923	16.81	1958-1959	11.96
1887-1888	8.97	1923-1924	8.86	1959-1960	13.88
1888-1889	10.30	1924-1925	25.99	1960-1961	16.24
1889-1890	29.94	1925-1926	18.44	1961-1962	16.01
1890-1891	19.01	1926-1927	25.99	1962-1963	20.48
1891-1892	18.82	1927-1928	17.54	1963-1964	9.34
1892-1893	27.30	1928-1929	11.46	1964-1965	18.75
1893-1894	11.15	1929-1930	16.37	1965-1966	13.26
1894-1895	26.04	1930-1931	9.85	1966-1967	23.65
1895-1896	22.18	1931-1932	15.01	1967-1968	15.21
1896-1897	18.82	1932-1933	7.79	1968-1969	23.25
1897-1898	6.58	1933-1934	15.65	1969-1970	18.56
1898-1899	13.05	1934-1935	19.62	1970-1971	13.50
1899-1900	15.23	1935-1936	17.48	1971-1972	7.15
1900-1901	17.49	1936-1937	16.40	1972-1973	25.11
1901-1902	21.67	1937-1938	26.28	1973-1974	17.45
1902-1903	17.10	1938-1939	6.82	1974-1975	16.03
1903-1904	20.28	1939-1940	23.21	1975-1976	6.30
1904-1905	24.55	1940-1941	40.50	1976-1977	8.46
1905-1906	19.85	1941-1942	24.07	1977-1978	25.72
1906-1907	17.88	1942-1943	15.68	1978-1979	14.97
1907-1908	13.44	1943-1944	13.52	1979-1980	26.95
1908-1909	22.09	1944-1945	16.94	1980-1981	18.76
1909-1910	14.36	1945-1946	14.72	1981-1982	25.58
1910-1911	17.75	1946-1947	12.28	1982-1983	37.25
1911-1912	11.26	1947-1948	19.56	1983-1984	20.47
1912-1913	13.18	1948-1949	15.59	1984-1985	14.89
1913-1914	29.18	1949-1950	10.32	1985-1986	24.82

Annual Crop & Livestock Report - Glens County 1987



*Tony Reddy*

**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1987 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Jim Mann, Chairman

Dan Cooper

Fred Pride

Joanne Overton

George Edwards

**PERSONNEL**

Ed Romano ..... Agricultural Commissioner  
W. R. Duckworth, Jr., ..... Assistant Commissioner  
Ernest L. Simpson ..... Senior Agricultural Biologist  
John F. B. Tolley ..... Senior Agricultural Biologist  
Kent A. Wiley ..... Agricultural Biologist II  
Douglas E. Elliot ..... Agricultural Biologist I  
Rey Lopez ..... Agricultural Biologist I  
Louie B. Mendoza, Jr. .... Agricultural Biologist I  
Larry John ..... Agricultural Biologist Aide  
David Odabashian ..... Air Pollution Specialist I  
Susie Gleason ..... Secretary II  
Maureen Bailey ..... Secretary I  
Cindi Schroeder ..... Secretary I



County of *Glenn*

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

March 25, 1988

Jack C. Parnell, Director  
California Department of Food and Agriculture

-and-

The Honorable Board of Supervisors  
County of Glenn

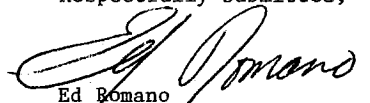
I am pleased to submit the 1987 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$167,810,000, an increase of 15,091,000 over last year. The year also saw Olives move into the counties top ten crops.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,

  
Ed Romano  
Agricultural Commissioner

ER:s

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1986 - 1987

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1987	4,000	.50	2,000	Ton	\$ 93.50	\$ 187,000
	1986	5,000	.80	4,000	"	81.50	326,000
Beans	1987	9,370	.85	7,941	"	460.65	3,658,000
	1986	6,838	.72	4,923	"	660.00	3,249,000
Corn	1987	5,500	4.50	24,750	"	75.64	1,872,000
	1986	6,000	4.00	24,000	"	77.46	1,859,000
Hay Alfalfa	1987	18,150	6.50	117,975	"	75.00	8,848,000
	1986	18,150	6.80	123,420	"	75.00	9,257,000
Hay Other	1987	1,250	2.50	3,125	"	45.00	141,000
	1986	1,350	2.50	3,375	"	48.00	162,000
Pasture Irrigated	1987	16,575			Acre	110.00	1,823,000
	1986	16,575			"	100.00	1,658,000
Range	1987	240,000			"	5.00	1,200,000
	1986	240,000			"	5.00	1,200,000
Rice Paddy	1987	59,818	3.70	221,327	Ton	140.00	30,986,000
	1986	59,335	3.80	225,473	"	140.00	31,566,000
Silage	1987	3,000	25.00	75,000	"	18.51	1,388,000
	1986	3,000	25.00	75,000	"	16.00	1,200,000
Grain Sorghum	1987	1,500	2.30	3,450	"	82.32	284,000
	1986	2,000	2.30	4,600	"	71.09	327,000
Sugar Beets	1987	9,515	29.11	277,009	"	30.25	8,380,000
	1986	7,844	19.92	156,223	"	32.71	5,110,000
Wheat	1987	27,000	2.30	62,100	"	80.13	4,976,000
	1986	30,000	2.00	60,000	"	81.80	4,908,000
Miscellaneous	1987	2,735					3,873,000
	1986	3,525					960,000
TOTALS	1987	398,413					\$ 67,616,000
	1986	399,892					61,782,000

## *Production and Value of Agricultural Products*

### APIARY PRODUCTS — 1986 - 1987

ITEM	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1987	9,000	Lb.	\$ .44	\$ 4,000
	1986	208,000	"	.47	97,000
Beeswax	1987	3,000	"	.67	2,000
	1986	8,000	"	.75	6,000
Packaged Bees	1987	152,000	"	4.93	750,000
	1986	125,000	"	5.20	650,000
Queen Bees	1987	111,000	Each	5.14	571,000
	1986	100,000	"	5.15	515,000
Pollination	1987				505,000
	1986				430,000
TOTALS	1987				\$1,832,000
	1986				1,698,000

### SEED CROPS — 1986 - 1987

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1987	500	400	200,000	Lb.	\$ 1.00	\$ 200,000
	1986*						
Beans	1987	2,354	1,677	3,946,840	"	.27	1,077,000
	1986	1,562	1,909	2,981,500	"	.38	1,133,000
Clover	1987	5,293	398	2,104,079	"	1.35	2,841,000
	1986	4,687	422	1,977,914	"	1.25	2,472,000
Rice	1987	1,473	7,500	11,047,500	"	.093	1,027,000
	1986	1,897	7,500	14,227,500	"	.093	1,323,000
Sunflower	1987	1,883	1,758	3,309,732	"	.45	1,489,000
	1986	5,672	1,670	9,472,240	"	.55	5,210,000
Vine Crops	1987	2,399					3,010,000
	1986	1,655					1,454,000
Other Seed	1987	881					241,000
	1986	829					268,000
TOTALS	1987						\$ 9,885,000
	1986						11,860,000

\* Included under other seed to avoid disclosing individual operations.

# Production and Value of Agricultural Products

## LIVESTOCK AND POULTRY — 1986 - 1987

ITEM	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1987	21,306	157,943	Cwt.	\$ 58.66	\$ 9,265,000
	1986	22,254	164,280	"	46.49	7,638,000
Sheep and Lambs	1987	19,222	19,722	"	67.69	1,335,000
	1986	20,322	20,850	"	62.01	1,293,000
Hogs and Pigs	1987	1,385	2,396	"	53.01	127,000
	1986	1,212	2,085	"	51.80	108,000
Poultry	1987	Included under Livestock and Poultry				
	1986	Products to protect individual operations				
TOTALS	1987					\$ 10,727,000
	1986					9,039,000

## LIVESTOCK AND POULTRY PRODUCTS — 1986 - 1987

ITEM	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Milk, all	1987	2,065,075	Cwt.	\$ 11.14	\$ 23,008,000	
	1986*	2,102,080	"	11.46	24,081,000	
Market	1987	1,475,645	"	11.41	16,837,000	
	1986*	1,497,404	"	11.72	17,550,000	
Manufacturing	1987	589,429	"	10.47	6,171,000	
	1986*	604,676	"	10.80	6,531,000	
Wool	1987	158,869	Lbs.	.87	138,000	
	1986	174,000	"	.66	115,000	
Miscellaneous	1987					75,000
	1986					66,000
TOTALS	1987					\$ 23,221,000
	1986*					24,262,000

\* Revised

## VEGETABLE CROPS — 1986 - 1987

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1987	Included under Field Crops to avoid disclosing individual operations.					
	1986	disclosing individual operations.					

## NURSERY PRODUCTS — 1986 - 1987

CROP	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
	1987	Included under Field Crops to avoid disclosing individual operations.					
	1986	disclosing individual operations.					

## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1986 - 1987

CROP	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1987	14,368	.59	8,521	Meat	\$ 2,200.00	\$ 18,746,000
	1986	14,299	.30	4,289	Ton	4,000.00	17,156,000
Citrus	1987	920	9.02	8,298	Ton	189.00	1,567,000
	1986	912	10.57*	9,636	"	203.00	1,954,000
Olives	1987*	1,800	4.04	7,267	"	545.00	3,961,000
	1986	1,796	3.60	6,466	"	491.00	3,175,000
Prunes	1987*	6,408	3.54	22,684	Dried	707.00	16,038,000
	1986	5,805	2.06	11,958	Ton	764.00	9,136,000
Walnuts	1987	5,773	.99	5,740	Inshell	1,100.00	6,314,000
	1986	5,765	.68	3,920	Ton	1,100.00	4,312,000
Misc. Fruits & Nuts	1987	1,448					1,992,000
	1986	1,261					3,163,000
TOTALS	1987						\$ 48,618,000
	1986						38,896,000

\* Revised

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1986 - 1987

CROP	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1987**	33,801,000	Board	\$ .09	\$ 3,056,000
	1986***	33,557,000	Feet	.072	2,421,000
Firewood	1987	2,211	Cord	55.00	122,000
	1986	770	"	55.00	42,000
Christmas Trees	1987	2,423	Tree	8.00	19,000
	1986	1,002	"	5.00	5,000
TOTALS	1987				\$ 3,197,000
	1986				2,468,000

\*\* Production figures are for January 1, 1986 to December 31, 1986

\*\*\* Production figures are for January 1, 1985 to December 31, 1985

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

Value of Agricultural Production	1986	1987
Field Crops .....	\$ 61,782,000	\$ 67,616,000
Livestock and Poultry .....	9,039,000	10,727,000
Fruit and Nut Crops .....	38,896,000	48,618,000
Livestock and Poultry Products* .....	24,262,000	23,221,000
Seed Crops .....	11,860,000	9,885,000
Apiary Industry .....	1,698,000	1,832,000
Nursery Products .....	2,714,000	2,714,000
<b>Total Agricultural Production ...</b>	<b>\$ 150,251,000*</b>	<b>\$ 164,613,000</b>

Value of Forest Products		
Timber .....	2,421,000	3,056,000
Firewood .....	42,000	122,000
Christmas Trees .....	5,000	19,000
<b>Total Forest Production .....</b>	<b>\$ 2,468,000</b>	<b>\$ 3,197,000</b>
<b>Grand Total All Production* .....</b>	<b>\$ 152,719,000</b>	<b>\$ 167,810,000</b>

\* Revised

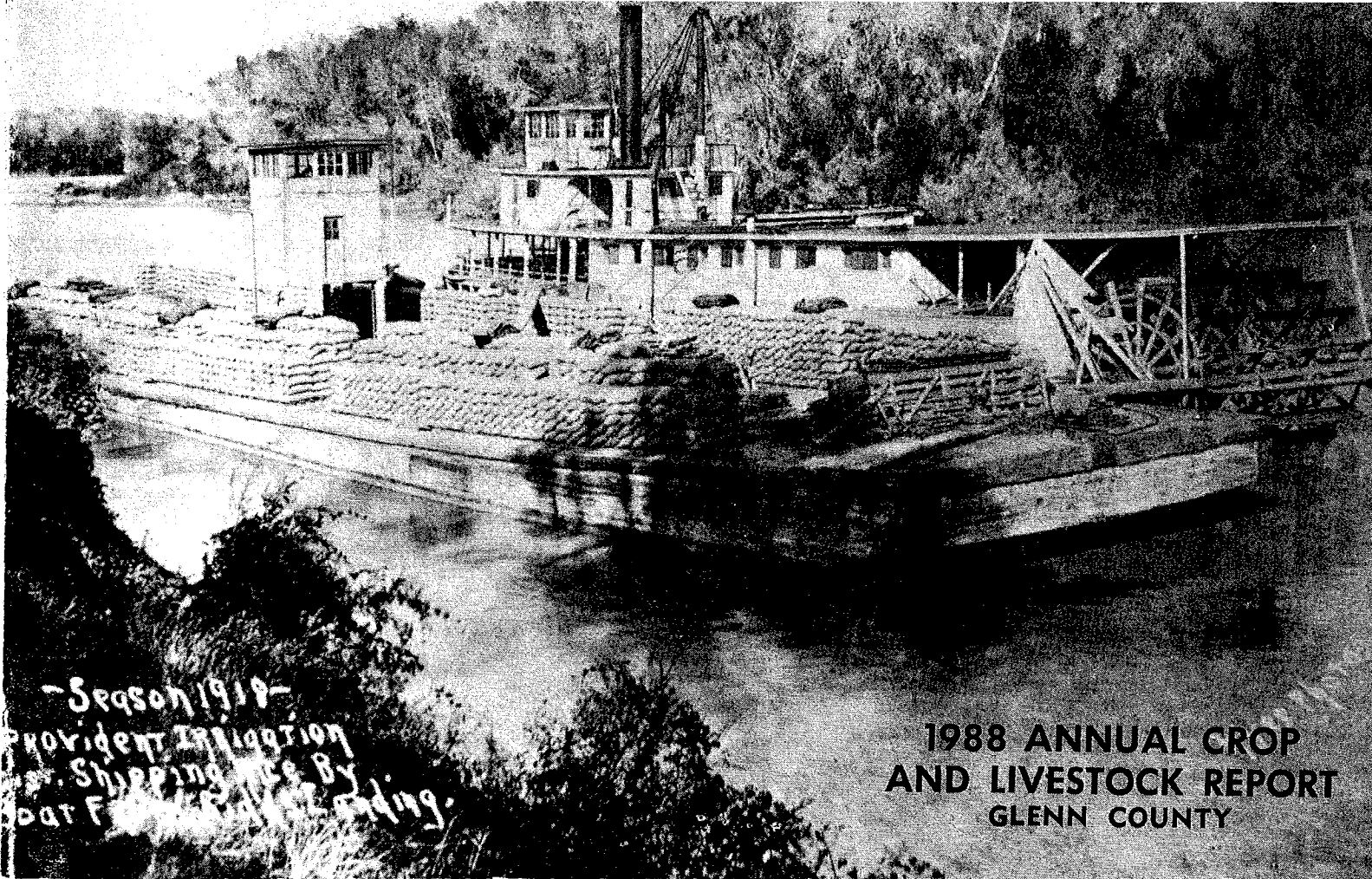
**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1987 Value
1. Rice .....	\$ 30,986,000
2. Dairy Products .....	23,008,000
3. Almonds .....	18,746,000
4. Prunes .....	16,038,000
5. Cattle and Calves .....	9,265,000
6. Hay, Alfalfa .....	8,848,000
7. Sugar Beets .....	8,380,000
8. Walnuts .....	6,314,000
9. Wheat .....	4,976,000
10. Olives .....	3,961,000

## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

108 Years — 1878 - 1987

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1915-1916	18.11	1952-1953	19.70
1879-1880	13.96	1916-1917	11.43	1953-1954	16.64
1880-1881	13.85	1917-1918	11.90	1954-1955	14.57
1881-1882	8.28	1918-1919	12.90	1955-1956	23.24
1882-1883	8.45	1919-1920	7.70	1956-1957	19.11
1883-1884	18.84	1920-1921	21.28	1957-1958	32.93
1884-1885	7.80	1921-1922	13.44	1958-1959	11.96
1885-1886	19.15	1922-1923	16.81	1959-1960	13.88
1886-1887	8.07	1923-1924	8.86	1960-1961	16.24
1887-1888	8.97	1924-1925	25.99	1961-1962	16.01
1888-1889	10.30	1925-1926	18.44	1962-1963	20.48
1889-1890	29.94	1926-1927	25.99	1963-1964	9.34
1890-1891	19.01	1927-1928	17.54	1964-1965	18.75
1891-1892	18.82	1928-1929	11.46	1965-1966	13.26
1892-1893	27.30	1929-1930	16.37	1966-1967	23.65
1893-1894	11.15	1930-1931	9.85	1967-1968	15.21
1894-1895	26.04	1931-1932	15.01	1968-1969	23.25
1895-1896	22.18	1932-1933	7.79	1969-1970	18.56
1896-1897	18.82	1933-1934	15.65	1970-1971	13.50
1897-1898	6.58	1934-1935	19.62	1971-1972	7.15
1898-1899	13.05	1935-1936	17.48	1972-1973	25.11
1899-1900	15.23	1936-1937	16.40	1973-1974	17.45
1900-1901	17.49	1937-1938	26.28	1974-1975	16.03
1901-1902	21.67	1938-1939	6.82	1975-1976	6.30
1902-1903	17.10	1939-1940	23.21	1976-1977	8.46
1903-1904	20.28	1940-1941	40.50	1977-1978	25.72
1904-1905	24.55	1941-1942	24.07	1978-1979	14.97
1905-1906	19.85	1942-1943	15.68	1979-1980	26.95
1906-1907	17.88	1943-1944	13.52	1980-1981	18.76
1907-1908	13.44	1944-1945	16.94	1981-1982	25.58
1908-1909	22.09	1945-1946	14.72	1982-1983	37.25
1909-1910	14.36	1946-1947	12.28	1983-1984	20.47
1910-1911	17.75	1947-1948	19.56	1984-1985	14.89
1911-1912	11.26	1948-1949	15.59	1985-1986	24.82
1912-1913	13.18	1949-1950	10.32	1986-1987	10.92
1913-1914	29.18	1950-1951	17.48		
1914-1915	27.19	1951-1952	23.50		



- Season 1919 -  
Provident Irrigation  
Co. Shipping Rice By  
Boat From...  
...ing.

1988 ANNUAL CROP  
AND LIVESTOCK REPORT  
GLENN COUNTY



## FOOD SAFETY

This year will undoubtedly be remembered as the year in which food safety became a major concern of the public. Reports concerning Alar on apples and adulterated Chilean fruit served to heighten public awareness and concern over the safety of their fresh food supply. Ironically, at the very same time, the National Academy of Sciences released a 1400 page report strongly encouraging the public to double their consumption of fresh fruits and vegetables.

California has long had the well deserved reputation of having the toughest regulations concerning food safety and pesticide usage in the world. California's strong pesticide regulatory program is administered jointly throughout the state by the California Department of Food and Agriculture and the county Agricultural Commissioners. This program utilizes over 650,000 staff hours annually to make certain that pesticides are being used legally and safely. Food grown under California's tight regulatory program is safe.

This program is not only the toughest state program in existence but has restrictions on pesticides and their usage which exceed the United States Environmental Protection Agency's standards. While these restrictions substantially increase the cost of agricultural production for California producers over products grown in other states and countries, they provide top protection to farm workers, the environment and consumers of California products. California has long been on the leading edge in developing programs to regulate pesticides and quite often the E.P.A. adopts its pesticide programs based on California's leadership.

California's pesticide residue sampling for agricultural products is by far the most extensive program anywhere. The number of residue samples analyzed in this program not only exceeds the total number of samples of all other state programs combined but also exceeds the total number of samples analyzed by the U.S. Food and Drug Administration for the entire nation. Because this program is cooperatively administered by a system of county and state regulatory agencies, it affords a timely response in sampling, analyzing and quarantining any product not meeting the high standards established to insure its safety.

While agricultural producers must bear the increased burden of trying to produce top quality products under increasingly tighter restrictions, California's leadership has determined that affording this level of protection is the cost of doing business in California.

Other states and countries would be well advised to afford their citizens and environments California's level of protection.

The bottom line is that food is safe. The amount of pesticide residue in food is negligible and the best advise is a balanced diet with California fruits and vegetables.

**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1988 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Fred Pride, Chairman

Dan Cooper

Joanne Overton

Jim Mann

George Edwards

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Senior Agricultural Biologist
John F. B. Tolley .....	Senior Agricultural Biologist
Kent A. Wiley .....	Agricultural Biologist II
Douglas E. Elliot .....	Agricultural Biologist III
Rey Lopez .....	Agricultural Biologist II
Louie B. Mendoza, Jr. ....	Agricultural Biologist III
Larry John .....	Agricultural Biologist Aide
Lorraine Gibson .....	Agricultural Biologist Aide
David Odabashian .....	Air Pollution Specialist II
Susie Gleason .....	Senior Secretary
Maureen Bailey .....	Secretary
Cindi Schroeder .....	Secretary

Cover photo — Season of 1918, Provident Irrigation District shipping rice by river boat near Sidd's Landing (north of Glenn). From Smoky Henry River Boat Jacinto Alabama Barge.

County of *Glenn*

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

April 10, 1989

Jack C. Parnell, Director  
California Department of Food and Agriculture

-and-

The Honorable Board of Supervisors  
County of Glenn


I am pleased to submit the 1988 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$189,591,000, an increase of \$925,000 over last year. The year also saw beans move into the counties top ten crops.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1987 - 1988

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1988	3,500	.60	2,100	Ton	\$ 123.00	\$ 258,000
	1987	4,000	.50	2,000	"	93.50	187,000
Beans	1988	6,451	.66	4,266	"	789.56	3,368,000
	1987	9,370	.85	7,941	"	460.65	3,658,000
Corn	1988	6,305	4.00	25,220	"	114.00	2,875,000
	1987	5,500	4.50	24,750	"	75.64	1,872,000
Hay Alfalfa	1988	19,000	6.50	123,500	"	85.00	10,498,000
	1987	18,150	6.50	117,975	"	75.00	8,848,000
Hay Other	1988	1,125	2.50	2,813	"	60.00	169,000
	1987	1,250	2.50	3,125	"	45.00	141,000
Pasture Irrigated	1988	16,575			Acre	110.00	1,823,000
	1987	16,575			"	110.00	1,823,000
Range	1983	240,000			"	6.00	1,440,000
	1987	240,000			"	5.00	1,200,000
Rice Paddy	1988	68,984	3.50	241,444	"	223.00†	53,842,000
	1987*	59,818	3.70	221,327	"	233.00†	51,569,000
Silage	1988	3,100	25.00	77,500	"	23.50	1,821,000
	1987	3,000	25.00	75,000	"	18.51	1,388,000
Grain Sorghum	1988	1,200	2.10	2,520	"	100.00	252,000
	1987	1,500	2.30	3,450	"	82.32	284,000
Sugar Beets	1988	9,663	23.55	227,563	"	30.93	7,039,000
	1987	9,515	29.11	277,009	"	30.25	8,380,000
Wheat	1988	24,000	2.40	57,600	"	130.85	7,537,000
	1987	27,000	2.30	62,100	"	80.13	4,976,000
Miscellaneous	1988	3,316			"		464,000
	1987	2,735			"		3,873,000
TOTALS	1988	403,219					\$ 91,386,000
	1987*	398,413					88,199,000

† Target Price ASCS Office

\* Revised

# *Production and Value of Agricultural Products*

## APIARY PRODUCTS — 1987 - 1988

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1988	350,000	Lb.	\$ .52	\$ 181,000
	1987	9,000	"	.44	4,000
Beeswax	1988	11,000	"	.82	9,000
	1987	3,000	"	.67	2,000
Packaged Bees	1988	16,000	"	4.25	68,000
	1987	152,000	"	4.93	750,000
Queen Bees	1988	56,000	Each	4.16	233,000
	1987	111,000	"	5.14	571,000
Pollination	1988				745,000
	1987				505,000
TOTALS	1988				\$ 1,236,000
	1987				1,832,000

## SEED CROPS — 1987 - 1988

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1988	935	440	411,400	Lb.	\$ 1.25	\$ 514,000
	1987	500	400	200,000	"	1.00	200,000
Beans	1988	2,102	1,240	2,605,440	"	.57	955,000
	1987	2,354	1,677	3,946,840	"	.27	1,077,000
Clover	1988	5,300	413	2,189,000	"	1.40	3,064,000
	1987	5,293	398	2,104,079	"	1.35	2,841,000
Rice	1988	1,283	7,000	8,974,000	"	.065	583,000
	1987	1,473	7,500	11,047,500	"	.093	1,027,000
X Sunflower	1988	1,800	1,775	3,195,000	"	.70	2,237,000
	1987	1,883	1,758	3,309,732	"	.45	1,489,000
X Vine Crops	1988	2,262					1,959,000
	1987	2,399					3,010,000
Other Seed	1988	429					213,000
	1987	881					241,000
Sudan	1988	722	2,700	1,949,400		.16	312,000
	1987						
Safflower	1988	1,500	2,000	3,000,000		.12	360,000
	1987						
TOTALS	1988	16,333					\$ 10,197,000
	1987	14,783					9,885,000

# *Production and Value of Agricultural Products*

## LIVESTOCK AND POULTRY — 1987 - 1988

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1988	23,192	170,915	Cwt.	\$ 77.10	\$ 13,178,000
	1987	21,306	157,943	"	58.66	9,265,000
Sheep and Lambs	1988	17,576	17,576	"	63.54	1,117,000
	1987	19,222	19,722	"	67.69	1,335,000
Hogs and Pigs	1988	1,442	2,702	"	40.33	109,000
	1987	1,385	2,396	"	53.01	127,000
Poultry	Included under Livestock and Poultry Products to protect individual operations					
TOTALS	1988					\$ 14,404,000
	1987					10,727,000

## LIVESTOCK AND POULTRY PRODUCTS — 1987 - 1988

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Milk, all	1988	2,106,273	Cwt.	\$ 10.60	\$ 22,334,000	
	1987*	2,060,513	"	11.14	22,960,000	
Market	1988	1,518,069	"	10.88	16,517,000	
	1987*	1,475,175	"	11.41	16,832,000	
Manufacturing	1988	588,204	"	9.89	5,817,000	
	1987*	585,338	"	10.47	6,178,000	
Wool	1988	149,172	Lbs.	1.36	203,000	
	1987	158,869	"	.87	138,000	
Miscellaneous	1988				70,000	
	1987				75,000	
TOTALS	1988					\$ 22,607,000
	1987*					23,173,000

\* Revised

## VEGETABLE CROPS — 1987 - 1988

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	Included under Field Crops to avoid disclosing individual operations.						

## NURSERY PRODUCTS — 1987 - 1988

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Nursery Production	1988	355					\$ 3,720,000
	1987						

## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1987 - 1988

COMMODITY	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1988	14,368	.49	7,073	Meat	\$ 2,150.00	\$ 15,207,000
	1987	14,368	.59	8,521	Ton	2,200.00	18,746,000
Almond Hulls	1988			13,470	Ton	50.00	674,000
	1987			10,651	"	30.00	320,000
X Citrus	1988	889	8.77	7,798	Ton	247.00	1,926,000
	1987	920	9.02	8,298	"	189.00	1,568,000
Olives	1988	1,832	3.13	5,732	"	477.00	2,734,000
	1987	1,800	4.04	7,267	"	545.00	3,961,000
Prunes	1988	6,884	2.82	19,381	Dried	777.00	15,059,000
	1987	6,408	3.54	22,684	Ton	707.00	16,038,000
Walnuts	1988	5,912	.84	4,970	Inshell	907.00	4,508,000
	1987	5,773	.99	5,740	Ton	1,100.00	6,314,000
Misc. Fruits & Nuts	1988	1,436					2,788,000
	1987	1,448					1,992,000
TOTALS	1988						\$ 42,896,000
	1987*						48,939,000

\* Revised

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1987 - 1988

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1988	21,600,000	Board	\$ .14	\$ 3,120,000
	1987	33,861,000	Feet	.09	3,056,000
Firewood	1988	324	Cord	60.00	19,000
	1987	2,211	"	55.00	122,000
Christmas Trees	1988	700	Tree	8.00	6,000
	1987	2,423	"	8.00	19,000
TOTALS	1988				\$ 3,144,000
	1987				3,197,000

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

Value of Agricultural Production	1987	1988
Field Crops .....	\$ 88,199,000*	\$ 91,386,000
Livestock and Poultry .....	10,727,000	14,404,000
Fruit and Nut Crops .....	48,939,000	42,896,000
Livestock and Poultry Products ...	23,173,000*	22,607,000
Seed Crops .....	9,885,000	10,197,000
Apiary Industry .....	1,832,000	1,236,000
Nursery Products .....	2,714,000	3,720,000
Total Agricultural Production ...	\$ 185,469,000*	\$ 186,446,000

**Value of Forest Products**

Timber .....	3,056,000	3,120,000
Firewood .....	122,000	19,000
Christmas Trees .....	19,000	6,000
Total Forest Production .....	\$ 3,197,000	\$ 3,145,000

Grand Total All Production ... \$ 188,666,000\*      \$ 189,591,000

\* Revised

**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1988 Value
1. Rice .....	\$ 53,842,000
2. Dairy Products .....	22,334,000
3. Almonds .....	15,207,000
4. Prunes .....	15,059,000
5. Cattle and Calves .....	13,178,000
6. Hay, Alfalfa .....	10,498,000
7. Wheat .....	7,537,000
8. Sugar Beets .....	7,039,000
9. Walnuts .....	4,508,000
10. Beans .....	3,368,000

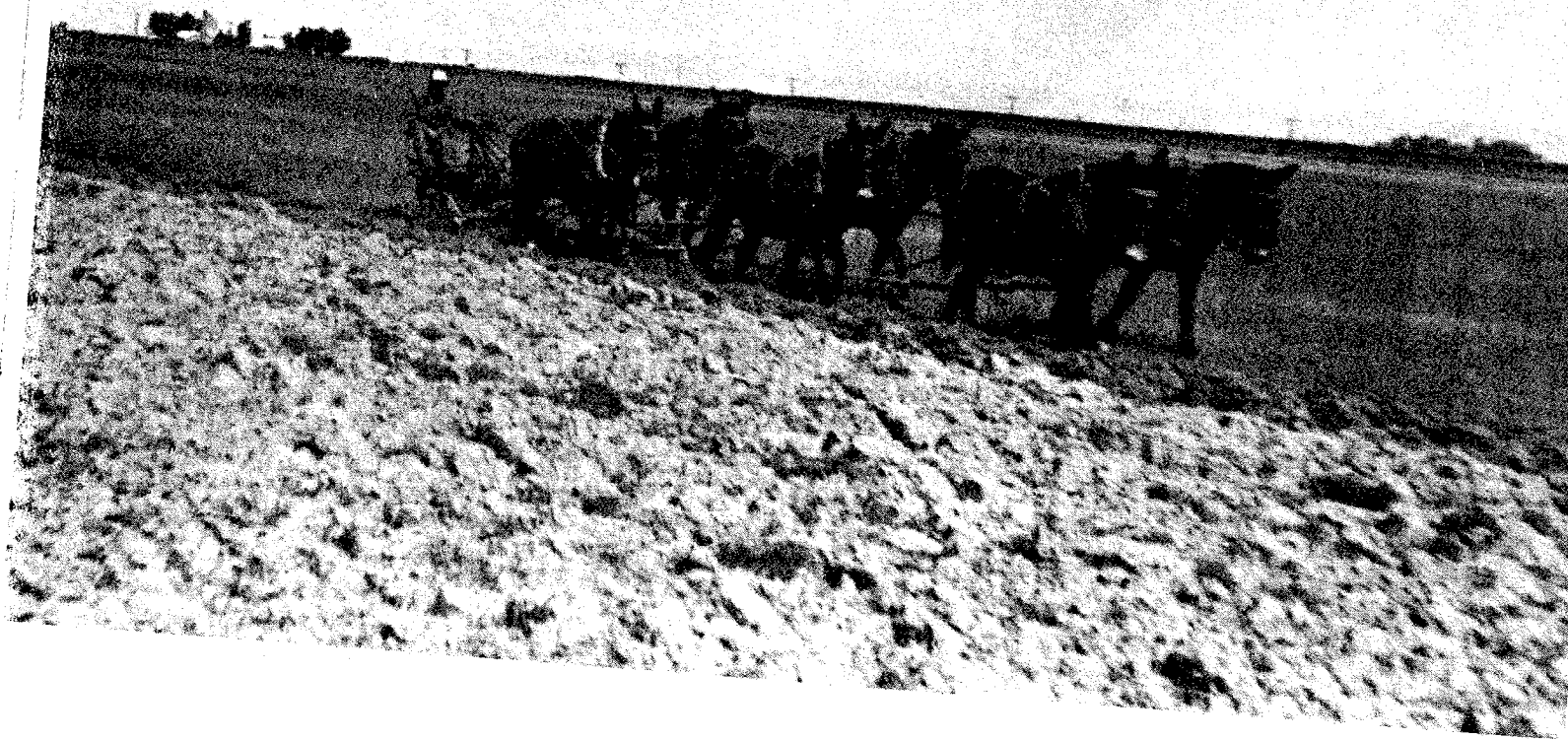


## ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

109 Years — 1878 - 1988

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1915-1916	18.11	1952-1953	19.70
1879-1880	13.96	1916-1917	11.43	1953-1954	16.64
1880-1881	13.85	1917-1918	11.90	1954-1955	14.57
1881-1882	8.28	1918-1919	12.90	1955-1956	23.24
1882-1883	8.45	1919-1920	7.70	1956-1957	19.11
1883-1884	18.84	1920-1921	21.28	1957-1958	32.93
1884-1885	7.80	1921-1922	13.44	1958-1959	11.96
1885-1886	19.15	1922-1923	16.81	1959-1960	13.88
1886-1887	8.07	1923-1924	8.86	1960-1961	16.24
1887-1888	8.97	1924-1925	25.99	1961-1962	16.01
1888-1889	10.30	1925-1926	18.44	1962-1963	20.48
1889-1890	29.94	1926-1927	25.99	1963-1964	9.34
1890-1891	19.01	1927-1928	17.54	1964-1965	18.75
1891-1892	18.82	1928-1929	11.46	1965-1966	13.26
1892-1893	27.30	1929-1930	16.37	1966-1967	23.65
1893-1894	11.15	1930-1931	9.85	1967-1968	15.21
1894-1895	26.04	1931-1932	15.01	1968-1969	23.25
1895-1896	22.18	1932-1933	7.79	1969-1970	18.56
1896-1897	18.82	1933-1934	15.65	1970-1971	13.50
1897-1898	6.58	1934-1935	19.62	1971-1972	7.15
1898-1899	13.05	1935-1936	17.48	1972-1973	25.11
1899-1900	15.23	1936-1937	16.40	1973-1974	17.45
1900-1901	17.49	1937-1938	26.28	1974-1975	16.03
1901-1902	21.67	1938-1939	6.82	1975-1976	6.30
1902-1903	17.10	1939-1940	23.21	1976-1977	8.46
1903-1904	20.28	1940-1941	40.50	1977-1978	25.72
1904-1905	24.55	1941-1942	24.07	1978-1979	14.97
1905-1906	19.85	1942-1943	15.68	1979-1980	26.95
1906-1907	17.88	1943-1944	13.52	1980-1981	18.76
1907-1908	13.44	1944-1945	16.94	1981-1982	25.58
1908-1909	22.09	1945-1946	14.72	1982-1983	37.25
1909-1910	14.36	1946-1947	12.28	1983-1984	20.47
1910-1911	17.75	1947-1948	19.56	1984-1985	14.89
1911-1912	11.26	1948-1949	15.59	1985-1986	24.82
1912-1913	13.18	1949-1950	10.32	1986-1987	10.92
1913-1914	29.18	1950-1951	17.48	1987-1988	15.86
1914-1915	27.19	1951-1952	23.50		

**1989 ANNUAL CROP  
AND LIVESTOCK REPORT  
GLENN COUNTY**



## FOOD SAFETY

This year will undoubtedly be remembered as the year in which food safety became a major concern of the public. Reports concerning Alar on apples and adulterated Chilean fruit served to heighten public awareness and concern over the safety of their fresh food supply. Ironically, at the very same time, the National Academy of Sciences released a 1400 page report strongly encouraging the public to double their consumption of fresh fruits and vegetables.

California has long had the well deserved reputation of having the toughest regulations concerning food safety and pesticide usage in the world. California's strong pesticide regulatory program is administered jointly throughout the state by the California Department of Food and Agriculture and the county Agricultural Commissioners. This program utilizes over 650,000 staff hours annually to make certain that pesticides are being used legally and safely. Food grown under California's tight regulatory program is safe.

This program is not only the toughest state program in existence but has restrictions on pesticides and their usage which exceed the United States Environmental Protection Agency's standards. While these restrictions substantially increase the cost of agricultural production for California producers over products grown in other states and countries, they provide top protection to farm workers, the environment and consumers of California products. California has long been on the leading edge in developing programs to regulate pesticides and quite often the E.P.A. adopts its pesticide programs based on California's leadership.

California's pesticide residue sampling for agricultural products is by far the most extensive program anywhere. The number of residue samples analyzed in this program not only exceeds the total number of samples of all other state programs combined but also exceeds the total number of samples analyzed by the U.S. Food and Drug Administration for the entire nation. Because this program is cooperatively administered by a system of county and state regulatory agencies, it affords a timely response in sampling, analyzing and quarantining any product not meeting the high standards established to insure its safety.

While agricultural producers must bear the increased burden of trying to produce top quality products under increasingly tighter restrictions, California's leadership has determined that affording this level of protection is the cost of doing business in California.

Other states and countries would be well advised to afford their citizens and environments California's level of protection.

The bottom line is that food is safe. The amount of pesticide residue in food is negligible and the best advise is a balanced diet with California fruits and vegetables.

**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

P. O. Box 351  
720 North Colusa Street  
WILLOWS, CALIFORNIA 95988

**1989 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Dan Cooper, Chairman

Jim Mann  
Dick Mudd

Joanne Overton  
George Edwards

**PERSONNEL**

Ed Romano .....	Agricultural Commissioner
W. R. Duckworth, Jr., .....	Assistant Commissioner
Ernest L. Simpson .....	Senior Agricultural Biologist
John F. B. Tolley .....	Senior Agricultural Biologist
Kent A. Wiley .....	Agricultural Biologist III
George M. Stenlund .....	Agricultural Biologist III
Rey Lopez .....	Agricultural Biologist III
Louie B. Mendoza, Jr. ....	Agricultural Biologist III
Larry John .....	Agricultural Biologist Aide
David Odabashian .....	Air Pollution Specialist II
Susie Gleason .....	Senior Secretary
Maureen Bailey .....	Secretary
Cindi Schroeder .....	Secretary

**A LOOK INTO THE PAST** — Cover photo pictures Ivan Brown, of Orland plowing a fifty acre field south of town alongside old Highway 99-W. He is using six head of mules to pull a 16-inch single bottom plow.

County of Glenn

Department of Agriculture

ED ROMANO, Agricultural Commissioner

SEALER OF WEIGHTS & MEASURES

April 06, 1990

Henry Voss, Director  
California Department of Food and Agriculture

- and -

The Honorable Board of Supervisors  
County of Glenn

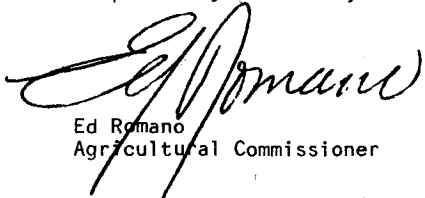
I am pleased to submit the 1989 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$211,745,000, an increase of \$24,366,000 over last year. The year also saw Olives move into the counties top ten crops.

Values given in this report are gross receipts received by growers and they in no way reflect the net income to growers.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report and especially members of my staff who compiled the reports.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

# *Production and Value of Agricultural Products*

## FIELD CROPS — 1988 - 1989

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1989	3,527	1.00	3,527	Ton	\$ 115.00	\$ 406,000
	1988	3,500	.60	2,100	"	123.00	258,000
Beans	1989	6,307	.84	5,306	"	839.99	4,457,000
	1988	6,451	.66	4,266	"	789.56	3,368,000
Corn	1989	7,366	4.00	29,464	"	116.00	3,418,000
	1988	6,305	4.00	25,220	"	114.00	2,875,000
Hay Alfalfa	1989	18,150	6.50	117,975	"	90.00	10,618,000
	1988	19,000	6.50	123,500	"	85.00	10,498,000
Hay Other	1989	1,150	2.50	2,875	"	70.00	201,000
	1988	1,125	2.50	2,813	"	60.00	169,000
Pasture Irrigated	1989	16,575			Acre	120.00	1,989,000
	1988	16,575			"	110.00	1,823,000
Range	1989	240,000			"	5.00	1,200,000
	1988	240,000			"	6.00	1,440,000
Rice Paddy	1989	69,470	3.90	270,933	Ton	216.00†	58,522,000
	1988	68,984	3.50	241,444	"	223.00†	53,842,000
Silage	1989	3,000	25.00	75,000	"	26.00	1,950,000
	1988	3,100	25.00	77,500	"	23.50	1,821,000
Grain Sorghum	1989	2,088	2.30	4,802	"	120.00	576,000
	1988	1,200	2.10	2,520	"	100.00	252,000
Sugar Beets	1989	8,933	31.98	285,677	"	34.71	9,916,000
	1988	9,663	23.55	227,563	"	30.93	7,039,000
Wheat	1989	28,845	2.30	66,344	"	126.00	8,359,000
	1988	24,000	2.40	57,600	"	130.85	7,537,000
Miscellaneous	1989	2,940					1,202,000
	1988	3,316					464,000
TOTALS	1989	408,351					\$ 102,814,000
	1988	403,219					91,386,000

† Target Price ASCS Office

## *Production and Value of Agricultural Products*

### APIARY PRODUCTS — 1988 - 1989

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1989	3,000	Lb.	\$ .67	\$ 2,000
	1988*	350,000	"	.52	182,000
Beeswax	1989	2,000	"	1.00	2,000
	1988	11,000	"	.82	9,000
Packaged Bees	1989	59,000	"	3.27	193,000
	1988	16,000	"	4.25	68,000
Queen Bees	1989	67,000	Each	4.25	285,000
	1988	56,000	"	4.16	233,000
Pollination	1989				560,000
	1988*				595,000
TOTALS	1989				\$ 1,042,000
	1988*				1,087,000

\* Revised

### SEED CROPS — 1988 - 1989

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1989	482	200	97,000	Lb.	\$ 1.25	\$ 121,000
	1988	935	440	411,400	"	1.25	514,000
Beans	1989	2,783	1,548	4,306,778	"	.41	1,766,000
	1988*	2,102	1,240	2,605,440	"	.37	964,000
Clover	1989	4,207	331	1,391,160	"	1.20	1,669,000
	1988*	5,300	413	2,189,000	"	1.40	3,065,000
Rice	1989	1,972	7,800	15,382,000	"	.11	1,692,000
	1988	1,283	7,000	8,974,000	"	.065	583,000
Safflower	1989	300	2,000	600,000	"	.15	90,000
	1988	1,500	2,000	3,000,000	"	.12	360,000
Sudan	1989	958	2,100	2,011,800	"	.17	342,000
	1988	722	2,700	1,949,400	"	.16	312,000
Sunflower	1989	1,860	1,700	3,162,000	"	.45	1,423,000
	1988	1,800	1,775	3,195,000	"	.70	2,237,000
Vine Crops	1989	1,813					1,616,000
	1988	2,262					1,959,000
Wheat	1989	835	5,000	4,175,000	Lb.	.09	376,000
	1988		Included under other seeds to avoid disclosing individual operations.				
Other Seed	1989	622					124,000
	1988	429					213,000
TOTALS	1989	15,832					\$ 9,219,000
	1988*	16,333					10,207,000

\* Revised

## *Production and Value of Agricultural Products*

### LIVESTOCK AND POULTRY — 1988 - 1989

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1989	24,119	176,748	Cwt.	\$ 69.88	\$ 12,351,000
	1988*	23,192	170,915	"	69.00	11,793,000
Sheep and Lambs	1989	17,365	17,817	"	62.32	1,110,000
	1988	17,576	17,576	"	63.55	1,117,000
Hogs and Pigs	1989	1,706	3,372	"	42.24	142,000
	1988	1,442	2,702	"	40.33	109,000
Poultry	1989	Included under Livestock and Poultry				
	1988	Products to protect individual operations.				
TOTALS	1989					\$ 13,603,000
	1988*					13,019,000

\* Revised

### LIVESTOCK AND POULTRY PRODUCTS — 1988 - 1989

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1989	2,147,895	Cwt.	\$ 12.14	\$ 26,072,000
	1988*	2,046,446	"	10.62	21,742,000
Market	1989	1,562,753	"	12.34	19,284,000
	1988	1,518,069	"	10.88	16,517,000
Manufacturing	1989	585,142	"	11.60	6,788,000
	1988*	528,377	"	9.89	5,226,000
Wool	1989	113,245	Lb.	1.23	139,000
	1988	149,172	"	1.36	203,000
Miscellaneous	1989				125,000
	1988				70,000
TOTALS	1989				\$ 26,336,000
	1988*				22,015,000

\* Revised

### VEGETABLE CROPS — 1988 - 1989

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	Included under Field Crops to avoid disclosing individual operations.						

### NURSERY PRODUCTS — 1988 - 1989

COMMODITY	YEAR	ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Nursery Production	1989	398					\$ 4,689,000
	1988	355					3,720,000



## *Production and Value of Agricultural Products*

### FRUIT AND NUT CROPS — 1988 - 1989

COMMODITY	YEAR	BEARING ACREAGE	Production Per Acre	Total Production	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1989	14,599	.37	5,402	Meat	\$ 2,300.00	\$ 12,425,000
	1988	14,368	.49	7,073	Ton	2,150.00	15,207,000
Almond Hulls	1989			18,249	Ton	60.00	1,095,000
	1988			13,470	"	50.00	674,000
Citrus	1989	889	11.67	10,377	"	195.00	2,024,000
	1988	889	8.77	7,798	Ton	247.00	1,926,000
Olives	1989	2,150	5.61	12,054	"	478.00	5,762,000
	1988	1,832	3.13	5,732	"	477.00	2,734,000
Prunes	1989	7,108	3.81	27,065	Dried	.692.00	18,729,000
	1988	6,884	2.82	19,381	Ton	777.00	15,059,000
Walnuts	1989	5,470	1.22	6,656	Inshell	1,080.00	7,188,000
	1988	5,912	.84	4,970	Ton	907.00	4,508,000
Misc. Fruits & Nuts	1989	1,781					2,107,000
	1988	1,436					2,788,000
TOTALS	1989						\$ 49,330,000
	1988						42,896,000

## *Production and Value of Forest Products*

### FOREST PRODUCTS — 1988 - 1989

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1989	29,200,000	Board	\$ .16	\$ 4,672,000
	1988*	21,600,000	Feet	.14	3,024,000
Firewood	1989	531	Cord	65.00	35,000
	1988	324	"	60.00	19,000
Christmas Trees	1989	600	Tree	8.00	5,000
	1988	700	"	8.00	6,000
TOTALS	1989				\$ 4,712,000
	1988*				3,049,000

\* Revised

**VALUE OF AGRICULTURAL AND FOREST PRODUCTION  
GLENN COUNTY, CALIFORNIA**

Value of Agricultural Production	1988	1989
Field Crops .....	\$ 91,386,000	\$ 102,814,000
Livestock and Poultry .....	13,019,000*	13,603,000
Fruit and Nut Crops .....	42,896,000	49,330,000
Livestock and Poultry Products ....	22,015,000*	26,336,000
Seed Crops .....	10,207,000	9,219,000
Apiary Products .....	1,087,000*	1,042,000
Nursery Products .....	3,720,000	4,689,000
<b>Total Agricultural Production ....</b>	<b>\$ 184,330,000</b>	<b>\$ 207,033,000</b>

**Value of Forest Products**

Timber .....	\$ 3,024,000	\$ 4,672,000
Firewood .....	19,000	35,000
Christmas Trees .....	6,000	5,000
<b>Total Forest Production .....</b>	<b>\$ 3,049,000</b>	<b>\$ 4,712,000</b>

**Grand Total All Production .... \$ 187,379,000\* ..... \$ 211,745,000**

\* Revised

**GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES**

Commodity	1989 Value
1. Rice .....	\$ 58,522,000
2. Dairy Products .....	26,072,000
3. Prunes .....	18,729,000
4. Almonds .....	12,425,000
5. Cattle and Calves .....	12,351,000
6. Hay, Alfalfa .....	10,618,000
7. Sugar Beets .....	9,916,000
8. Wheat .....	8,359,000
9. Walnuts .....	7,188,000
10. Olives .....	5,762,000

# ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

110 YEARS — 1878 - 1989

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1915-1916	18.11	1952-1953	19.70
1879-1880	13.96	1916-1917	11.43	1953-1954	16.64
1880-1881	13.85	1917-1918	11.90	1954-1955	14.57
1881-1882	8.28	1918-1919	12.90	1955-1956	23.24
1882-1883	8.45	1919-1920	7.70	1956-1957	19.11
1883-1884	18.84	1920-1921	21.28	1957-1958	32.93
1884-1885	7.80	1921-1922	13.44	1958-1959	11.96
1885-1886	19.15	1922-1923	16.81	1959-1960	13.88
1886-1887	8.07	1923-1924	8.86	1960-1961	16.24
1887-1888	8.97	1924-1925	25.99	1961-1962	16.01
1888-1889	10.30	1925-1926	18.44	1962-1963	20.48
1889-1890	29.94	1926-1927	25.99	1963-1964	9.34
1890-1891	19.01	1927-1928	17.54	1964-1965	18.75
1891-1892	18.82	1928-1929	11.46	1965-1966	13.26
1892-1893	27.30	1929-1930	16.37	1966-1967	23.65
1893-1894	11.15	1930-1931	9.85	1967-1968	15.21
1894-1895	26.04	1931-1932	15.01	1968-1969	23.25
1895-1896	22.18	1932-1933	7.79	1969-1970	18.56
1896-1897	18.82	1933-1934	15.65	1970-1971	13.50
1897-1898	6.58	1934-1935	19.62	1971-1972	7.15
1898-1899	13.05	1935-1936	17.48	1972-1973	25.11
1899-1900	15.23	1936-1937	16.40	1973-1974	17.45
1900-1901	17.49	1937-1938	26.28	1974-1975	16.03
1901-1902	21.67	1938-1939	6.82	1975-1976	6.30
1902-1903	17.10	1939-1940	23.21	1976-1977	8.46
1903-1904	20.28	1940-1941	40.50	1977-1978	25.72
1904-1905	24.55	1941-1942	24.07	1978-1979	14.97
1905-1906	19.85	1942-1943	15.68	1979-1980	26.95
1906-1907	17.88	1943-1944	13.52	1980-1981	18.76
1907-1908	13.44	1944-1945	16.94	1981-1982	25.58
1908-1909	22.09	1945-1946	14.72	1982-1983	37.25
1909-1910	14.36	1946-1947	12.28	1983-1984	20.47
1910-1911	17.75	1947-1948	19.56	1984-1985	14.89
1911-1912	11.26	1948-1949	15.59	1985-1986	24.82
1912-1913	13.18	1949-1950	10.32	1986-1987	10.92
1913-1914	29.18	1950-1951	17.48	1987-1988	15.86
1914-1915	27.19	1951-1952	23.50	1988-1989	10.12