



GLENN COUNTY  
**DEPARTMENT OF AGRICULTURE**  
P.O. Box 351  
Willows, CA 95988

**GLENN COUNTY  
DEPARTMENT OF AGRICULTURE**

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

**1997 ANNUAL CROP  
AND LIVESTOCK REPORT**

**GLENN COUNTY BOARD OF SUPERVISORS**

Keith Hanson, Chairman

Gary Freeman  
Denny Bungarz

Dick Mudd  
Charles Harris, Sr.

**PERSONNEL**

**Agriculture Staff:**

Ed Romano ..... Agricultural Commissioner  
W. R. Duckworth, Jr. .... Assistant Commissioner  
Ernest L. Simpson ..... Deputy Commissioner  
John F. B. Tolley ..... Senior Agricultural Biologist  
Rey Lopez ..... Senior Agricultural Biologist  
Jean Miller ..... Senior Agricultural Biologist  
Bob Birdseye ..... Agricultural Biologist III  
Helmut Bloo ..... Agricultural Biologist III  
Maureen Bailey ..... Office Manager  
Debra Hubbard ..... Senior Secretary  
Sharron Lay ..... Secretary  
Colleen Gustafson ..... Senior Clerical Assistant

**Air Pollution Staff:**

Kevin Tokunaga ..... Deputy Air Pollution Control Officer  
Rick Steward ..... Senior Air Pollution Specialist  
Candy Woods ..... Administrative Assistant  
Trudy Silveira ..... Air Pollution Assistant

**Cover Photo:**

Glenn County Deputy Sealer Ernest Simpson checking livestock scales.  
Photo by Jean Miller.

County of **Glenn**

DEPARTMENT OF AGRICULTURE

**ED ROMANO**, Agricultural Commissioner  
Sealer of Weights and Measures

April 1, 1998

Ann M. Veneman, Secretary  
California Department of Food and Agriculture

and

The Honorable Board of Supervisors  
County of Glenn

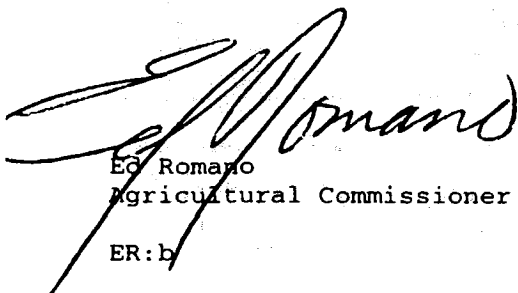
I am pleased to submit the 1997 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agriculture Code.

Agriculture continued to be the leading industry in the county with a gross value of \$275,284,000. The value of 1997 agriculture production set an all time record high in Glenn County. Rice and dairy products continue to be the leading county crop.

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 report.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner  
ER:b

# Production and Value of Agricultural Products

## FIELD CROPS – 1996-1997

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1997	1,795	1.32	2,369	Ton	122.00	\$289,000
	1996	1,750	2.50	4,375	"	138.00	604,000
Beans	1997	2,312	1.12	2,583	"	537.00	1,387,000
	1996	2,499	1.04	2,599	"	781.96	2,032,000
Corn	1997	16,582	4.80	79,594	"	114.00	9,074,000
	1996	17,216	5.80	99,853	"	118.50	11,833,000
Cotton, Lint	1997	818	2.06	1,684	500 lb.	375.00	632,000
	1996	1,114	2.25	2,507	Bale	395.00	990,000
Cotton, Seed	1997			699	Ton	180.00	126,000
	1996			1,040	"	180.00	187,000
Hay Alfalfa	1997	16,414	7.10	116,539	"	125.00	14,567,000
	1996	15,861	6.61	104,841	"	97.00	10,170,000
Hay Other	1997	6,960	3.00	20,880	"	85.00	1,775,000
	1996	5,509	2.25	12,395	"	75.00	930,000
Pasture Irrigated	1997	16,575			Acre	120.00	1,989,000
	1996	16,575			"	120.00	1,989,000
Range	1997	230,000			"	7.00	1,610,000
	1996	230,000			"	7.00	1,610,000
Rice, Paddy	1997	85,768	4.25	364,514	Ton	208.00**	75,819,000
	1996	83,686	3.79	317,170	"	215.00**	68,192,000
Safflower	1997	1,000	.75	750	"	320.00	240,000
	1996	800	1.00	800	"	365.00	292,000
Silage	1997	2,464	26.00	64,064	"	21.00	1,345,000
	1996	2,850	19.00	54,150	"	19.00	1,029,000
Sunflower, Oil	1997	3,962	.61	2,417	"	1,000.00	2,417,000
Grain Sorghum	1997	650	2.00	1,300	"	105.00	137,000
	1996	1,684	2.30	3,873	"	103.00	399,000
Sugar Beets	1997	3,997	26.38	105,436	"	35.02	3,692,000
	1996	2,373	26.62	63,169	"	34.93	2,206,000
Wheat	1997	24,712	2.25	55,602	"	126.00	7,006,000
	1996	27,392	2.40	65,741	"	150.00	9,862,000
Miscellaneous	1997	259					607,000
	1996	211					591,000
<b>TOTALS</b>	1997	414,268					<b>\$122,712,000</b>
	1996	409,520					<b>\$112,916,000</b>

\*\*Includes USDA Support Price

## VEGETABLE CROPS – 1996-1997

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Tomatoes, Processing	1997	957	36.85	35,272	Ton	51.57	\$1,819,000
	1996*						*Included under Miscellaneous to avoid disclosing individual operation
Miscellaneous	1997	51					152,000
	1996	2,141					3,654,000

# *Production and Value of Agricultural Products*

## APIARY PRODUCTS – 1996-1997

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1997	296,000	Lb.	\$ .86	\$255,000
	1996	476,000	"	.89	424,000
Beeswax	1997	10,000	"	2.00	20,000
	1996	11,000	"	2.09	23,000
Packaged Bees	1997	104,000	"	5.50	572,000
	1996	98,000	"	7.06	692,000
Queen Bees	1997	101,000	Each	6.51	658,000
	1996	120,000	"	7.27	872,000
Pollination	1997				920,000
	1996				942,000
<b>TOTALS</b>	<b>1997</b>				<b>\$2,425,000</b>
	<b>1996</b>				<b>\$2,953,000</b>

## SEED CROPS – 1996-1997

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Beans	1997	4,171	1,608	6,706,319	Lb.	\$ .34	\$2,280,000
	1996	3,990	1,492	5,953,080	"	.40	2,381,000
Clover, all	1997	2,123	475	1,009,121	"	1.42	1,436,000
	1996	2,514	421	1,058,394	"	1.31	1,386,000
Rice	1997	2,992	8,500	25,432,000	"	.14	3,560,000
	1996	2,755	7,500	20,662,500	"	.11	2,273,000
Sunflower	1997	5,704	1,216	6,938,723	"	.62	4,280,000
	1996	4,432	1,421	6,298,900	"	.57	3,590,000
Vine Crops	1997	1,888					2,580,000
	1996	2,056					2,420,000
Wheat	1997	979	4,700	4,601,300	"	.07	322,000
	1996	1,012	5,180	5,242,160	"	.10	524,000
Other Seed	1997	1,144					1,196,000
	1996	2,135					693,000
<b>TOTALS</b>	<b>1997</b>	<b>19,001</b>					<b>\$15,654,000</b>
	<b>1996</b>	<b>18,894</b>					<b>\$13,267,000</b>

# *Production and Value of Agricultural Product*

## LIVESTOCK AND POULTRY – 1996-1997

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1997	26,379	193,094	Cwt.	\$61.00	\$11,779
	1996	25,839	189,244	"	53.00	10,030
Sheep and Lambs	1997	7,300	7,519	"	91.60	689
	1996	7,270	7,489	"	89.00	667
Hogs and Pigs	1997	1,798	3,100	"	54.70	170
	1996	1,745	3,032	"	52.00	158
Poultry	1997	Included under Livestock and Poultry Products to protect individual operations.				
	1996					
<b>TOTALS</b>	<b>1997</b>					<b>\$12,638</b>
	<b>1996</b>					<b>\$10,854</b>

## LIVESTOCK AND POULTRY PRODUCTS – 1996-1997

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1997	3,124,585	Cwt.	\$ 12.34	\$38,56
	1996	2,669,812	"	13.59	36,28
Market	1997	2,594,143	"	12.42	32,20
	1996	2,075,046	"	13.65	28,32
Manufacturing	1997	530,442	"	11.99	6,36
	1996	594,766	"	13.39	7,96
Wool	1997	73,960	Lb.	.68	5
	1996	73,705	"	.80	5
Miscellaneous	1997				22
	1996				27
<b>TOTALS</b>	<b>1997</b>				<b>\$38,82</b>
	<b>1996</b>				<b>\$36,61</b>

## NURSERY PRODUCTS – 1996-1997

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
Nursery	1997	200.5	\$2,4
Production	1996	172.5	\$2,1

## *Production and Value of Agricultural Pro*

### FRUIT AND NUT CROPS – 1996-1997

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT
Almonds	1997	17,808	.61	10,931	Meat	\$2,985.00
	1996	17,400	.49	8,526	Ton	4,075.60
Almond Hulls	1997			13,664	Ton	80.00
	1996			10,658	"	80.00
Citrus	1997	721	10.71	7,720	"	259.00
	1996	761	10.93	8,318	"	242.00
Grapes	1997	1,418	9.8	13,890	"	383.59
	1996	1,242	6.29	7,812	"	507.81
Olives	1997	3,845	4.56	17,550	"	614.54
	1996	3,845	3.54	13,611	"	545.00
Prunes	1997	8,221	2.33	19,179	Dry	695.00
	1996	8,450	2.58	21,801	Tons	1,025.00
Pistachios	1997	745	1.08	810	Inshell	2,435.00
	1996	748	.47	352	Ton	2,900.00
Walnuts	1997	5,836	1.40	8,176	"	1,375.00
	1996	6,800	.83	5,644	"	1,570.00
Miscellaneous	1997	132				
Fruits and Nuts	1996	143				
<b>TOTALS</b>	<b>1997</b>	<b>38,726</b>				
	<b>1996</b>	<b>39,389</b>				

## *Production and Value of Forest Produ*

### FOREST PRODUCTS – 1996-1997

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT
Timber	1997	8,085,000	Board	\$ .36
	1996	10,582,000	Feet	.38
Firewood	1997	776	Cord	75.00
	1996	731	"	70.00
Christmas Trees	1997	1,528	Each	15.00
	1996	1,710	"	15.00
<b>TOTALS</b>	<b>1997</b>			
	<b>1996</b>			

# *Production and Value of Agricultural Products*

## **GLENN COUNTY SUSTAINABLE AGRICULTURE – 1996-1997**

### **PEST EXCLUSION**

<b>TERMINAL INSPECTIONS</b>	<b>NUMBER OF INSPECTIONS</b>	<b>REJECTIONS</b>	<b>PEST</b>
Postal	478	0	
United Parcel Service		0	
Truck	2,566	0	
Other	773	0	

<b>ORIGIN CERTIFICATION</b>	<b>NUMBER OF INSPECTIONS</b>
Field Inspections	560
Phyto Certificates Issued	1,191

### **ORGANIC FARMING**

<b>CROP</b>	<b>NUMBER OF FARMS</b>	<b>AMOUNT</b>
Almonds	4	193 Acres
Citrus	5	211 Acres
Safflower	1	9 Acres
Fruit Production	5	29 Acres
Rice	4	1,515 Acres
Vegetables/Herbs	3	19 Acres



# Production and Value of Agricultural Products

## GLENN COUNTY SUSTAINABLE AGRICULTURE – 1996-1997

### BIOLOGICAL CONTROL

PEST	CONTROL AGENT	PROGRAM SCOPE
Ash White Fly <u>Siphonius phillyreae</u>	Wasp <u>Encarsia Sp.</u>	Established
	Beetle <u>Clitostethus arcuatus</u>	Established
Italian Thistle <u>Carduus tenuifloris</u>	Weevil <u>Rhenocyllus conicus</u>	Established
Puncture Vine <u>Tribulus tenestrus</u>	Stem and Seed Weevils <u>Micro lypriformis</u> <u>Microlarinus lareyniei</u>	Established
Yellow Star Thistle <u>Centaurea solstitialis</u>	Weevil <u>Bangasternus orientalis</u> <u>Eustenopus villosus</u>	Established Established
	Fly <u>Urophra sirunaseva</u> <u>Chastorellia australis</u>	Established Established

### PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Canada Thistle <u>Cirsium arvense</u>	Chemical - Mechanical	1
Dyerswoad <u>Isatis tinctoria</u>	Chemical - Mechanical	2
Hoarycress <u>Cardaria draba</u>	Chemical	12
Peppergrass <u>Lepidium latifolium</u>	Chemical	16
Plumeless Thistle <u>Carduus acanthoides</u>	Chemical - Mechanical	3
Russian Knapweed <u>Centaurea repens</u>	Chemical	0
White Horsenettle <u>Solanum elaeagnifolium</u>	Chemical	28
Diffuse Knapweed <u>Centaurea diffusa</u>	Chemical	0
Artichoke Thistle <u>Cynara cardunculus</u>	Mechanical	2

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

<b>Value of Agricultural Production</b>	<b>1996</b>	<b>1997</b>
Field Crops .....	\$112,916,000	\$122,712,000
Livestock and Poultry .....	10,855,000	12,638,000
Fruit and Nut Crops .....	81,375,000	78,608,000
Livestock and Poultry Products .....	36,618,000	38,838,000
Seed Crops .....	13,267,000	15,654,000
Apiary Products .....	2,953,000	2,425,000
Nursery Products .....	2,139,000	2,438,000
Vegetable Crops .....	3,654,000	1,971,000
<b>Total Agricultural Production .....</b>	<b>\$263,777,000</b>	<b>\$275,284,000</b>
 <b>Value of Forest Products</b>		
Timber .....	\$4,021,000	2,911,000
Firewood .....	51,000	58,000
Christmas Trees .....	26,000	23,000
<b>Total Forest Products.....</b>	<b>\$4,098,000</b>	<b>2,992,000</b>
 <b>Grand Total All Production .....</b>	 <b>\$267,875,000</b>	 <b>\$278,276,000</b>

**GLENN COUNTY'S LEADING AGRICULTURAL COMMODITIES**

<b>Commodity</b>	<b>1997 Value</b>
1. Rice, paddy .....	\$75,819,000
2. Dairy Products .....	38,568,000
3. Almonds .....	32,630,000
4. Hay, Alfalfa .....	14,567,000
5. Prunes .....	13,329,000
6. Cattle and Calves .....	11,779,000
7. Walnuts .....	11,250,000
8. Olives .....	10,785,000
9. Corn .....	9,074,000
10. Wheat .....	7,006,000

## 119 YEARS – 1878 - 1997

Year	Inches	Year	Inches	Year	Inches
1878-1879	7.01	1918-1919	12.90	1958-1959	11.96
1879-1880	13.96	1919-1920	7.70	1959-1960	13.88
1880-1881	13.85	1920-1921	21.28	1960-1961	16.24
1881-1882	8.28	1921-1922	13.44	1961-1962	16.01
1882-1883	8.45	1922-1923	16.81	1962-1963	20.48
1883-1884	18.84	1923-1924	8.86	1963-1964	9.34
1884-1885	7.80	1924-1925	25.99	1964-1965	18.75
1885-1886	19.15	1925-1926	18.44	1965-1966	13.26
1886-1887	8.07	1926-1927	25.99	1966-1967	23.65
1887-1888	8.97	1927-1928	17.54	1967-1968	15.21
1888-1889	10.30	1928-1929	11.46	1968-1969	23.25
1889-1890	29.94	1929-1930	16.37	1969-1970	18.56
1890-1891	19.01	1930-1931	9.85	1970-1971	13.50
1891-1892	18.82	1931-1932	15.01	1971-1972	7.15
1892-1893	27.30	1932-1933	7.79	1972-1973	25.11
1893-1894	11.15	1933-1934	15.65	1973-1974	17.45
1894-1895	26.04	1934-1935	19.62	1974-1975	16.03
1895-1896	22.18	1935-1936	17.48	1975-1976	6.30
1896-1897	18.82	1936-1937	16.40	1976-1977	8.46
1897-1898	6.58	1937-1938	26.28	1977-1978	25.72
1898-1899	13.05	1938-1939	6.82	1978-1979	14.97
1899-1900	15.23	1939-1940	23.21	1979-1980	26.95
1900-1901	17.49	1940-1941	40.50	1980-1981	18.76
1901-1902	21.67	1941-1942	24.07	1981-1982	25.58
1902-1903	17.10	1942-1943	15.68	1982-1983	37.25
1903-1904	20.28	1943-1944	13.52	1983-1984	20.47
1904-1905	24.55	1944-1945	16.94	1984-1985	14.89
1905-1906	19.85	1945-1946	14.72	1985-1986	24.82
1906-1907	17.88	1946-1947	12.28	1986-1987	10.92
1907-1908	13.44	1947-1948	19.56	1987-1988	15.86
1908-1909	22.09	1948-1949	15.59	1988-1989	10.12
1909-1910	14.36	1949-1950	10.32	1989-1990	12.71
1910-1911	17.75	1950-1951	17.48	1990-1991	15.51
1911-1912	11.26	1951-1952	23.50	1991-1992	17.19
1912-1913	13.18	1952-1953	19.70	1992-1993	25.76
1913-1914	29.18	1953-1954	16.64	1993-1994	13.10
1914-1915	27.19	1954-1955	14.57	1994-1995	34.04
1915-1916	18.11	1955-1956	23.24	1995-1996	20.39
1916-1917	11.43	1956-1957	19.11	1996-1997	20.52
1917-1918	11.90	1957-1958	32.93		