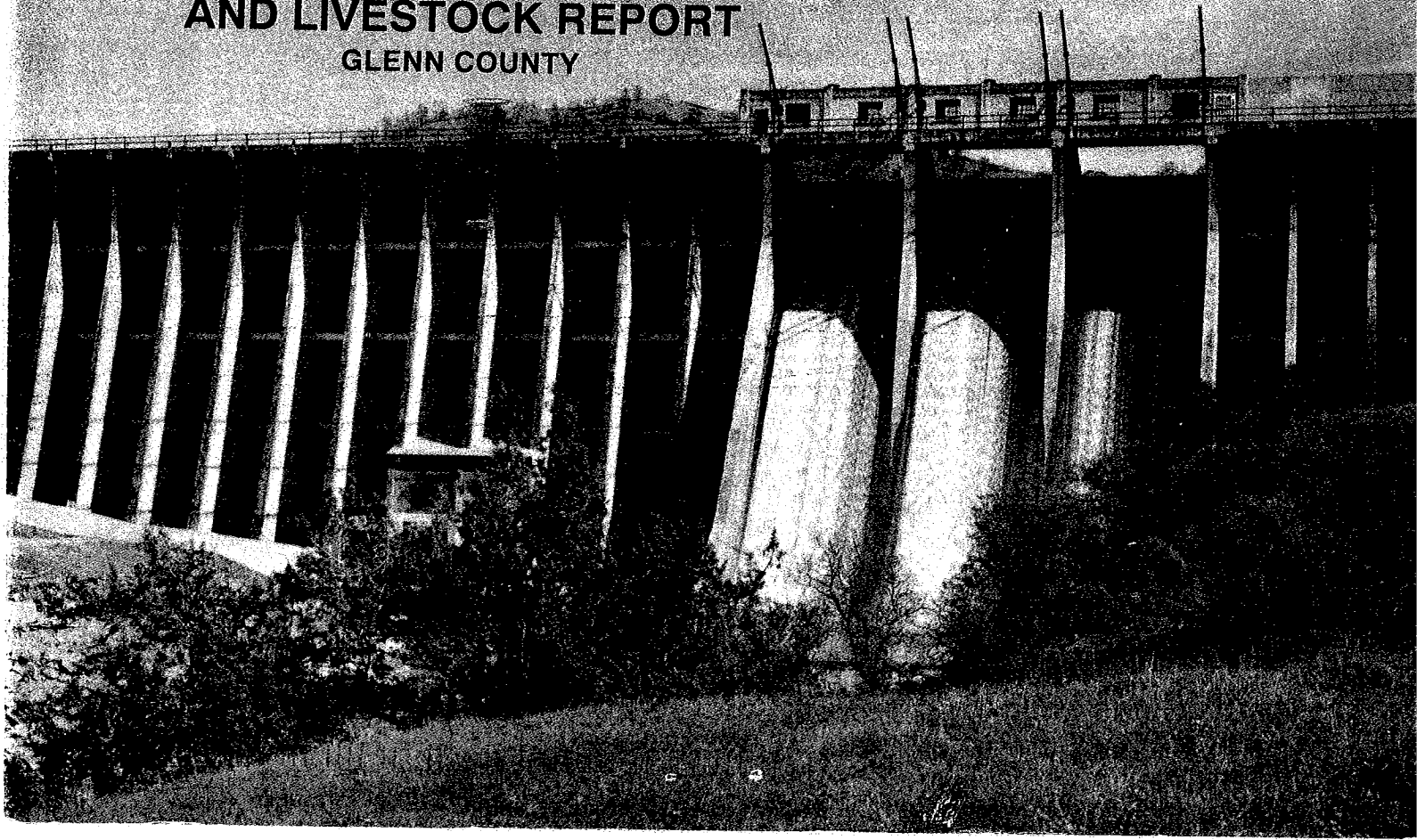


**1996 ANNUAL CROP
AND LIVESTOCK REPORT
GLENN COUNTY**



**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

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

**1996 ANNUAL CROP
AND LIVESTOCK REPORT**

GLENN COUNTY BOARD OF SUPERVISORS

Charles Harris, Sr., Chairman

Gary Freeman
Keith Hansen

Dick Mudd
Denny Bungarz

PERSONNEL

Ed Romano Agricultural Commissioner
W. R. Duckworth, Jr. Assistant Commissioner
Ernest L. Simpsons Senior Agricultural Biologist
John F. B. Tolley Senior Agricultural Biologist
Rey Lopez Agricultural Biologist III
Jean Miller Agricultural Biologist III
Helmut Bloo Agricultural Biologist III
Bob Birdseye Agricultural Biologist III
Rick Steward Senior Air Pollution Specialist
Kevin Tokunaga Senior Air Pollution Specialist
Susie Gleason Office Manager
Marueen Bailey Senior Secretary
Candy Woods Air Pollution Assistant
Colleen Gustafson Senior Clerical Assistant
Trudy Silveira Secretary

Photo Cover:
Stony Gorge Dam
Elk Creek, California

County of **Glenn**

DEPARTMENT OF AGRICULTURE

ED ROMANO, Agricultural Commissioner
Scaler of Weights and Measures

April 28, 1997

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

and

**The Honorable Board of Supervisors
County of Glenn**

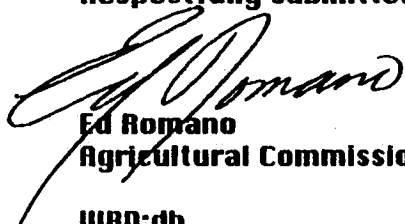
I am pleased to submit the 1996 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Agricultural Code.

Agriculture continued to be the leading industry in the county with a gross value of \$263,777,000. The value of 1996 agriculture production set an all time record high in Glenn County. Rice and dairy products continue to be the leading county 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 report.

Respectfully submitted,


**Ed Romano
Agricultural Commissioner**

WRD:dh

Production and Value of Agricultural Products

FIELD CROPS – 1995-1996

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Barley	1996	1,750	2.50	4,375	Ton	\$138.00	\$604,000
	1995	1,985	1.10	2,184	"	126.60	276,000
Beans	1996	2,499	1.04	2,599	"	781.96	2,032,000
	1995	2,802	1.04	2,914	"	594.37	1,732,000
Corn	1996	17,216	5.80	99,853	"	118.50	11,833,000
	1995	10,412	5.02	52,268	"	119.00	6,220,000
Cotton, Lint	1996	1,114	2.25	2,507	500 lb.	395.00	990,000
	1995	756	1.08	816	Bale	383.50	313,000
Cotton, Seed	1996			1,040	Ton	180.00	187,000
	1995			338.64 *	"	190.00	64,000
Hay Alfalfa	1996	15,861	6.61	104,841	"	97.00	10,170,000
	1995	18,158	6.50	118,027	"	100.00	11,815,000
Hay Other	1996	5,509	2.25	12,395	"	75.00	930,000
	1995	4,694	2.50	11,735	"	75.00	880,000
Pasture Irrigated	1996	16,575			Acre	120.00	1,989,000
	1995	16,575			"	120.00	1,989,000
Range	1996	230,000			"	7.00	1,610,000
	1995	240,000			"	7.00	1,680,000
Rice, Paddy	1996	83,686	3.79	317,170	Ton	215.00**	68,192,000
	1995	84,631	4.00	338,524	"	214.20 †	72,512,000
Safflower	1996	800	1.00	800	"	365.00	292,000
	1995	1,000	.75	750	"	300.00	225,000
Silage	1996	2,850	19.00	54,150	"	19.00	1,029,000
	1995	2,900	20.00	58,000	"	22.00	1,276,000
Grain Sorghum	1996	1,684	2.30	3,873	"	103.00	399,000
	1995	388	2.00	776	"	95.00	74,000
Sugar Beets	1996	2,373	26.62	63,169	"	34.93	2,206,000
	1995	3,221	25.48	82,071	"	32.45	2,663,000
Wheat	1996	27,392	2.40	65,741	"	150.00	9,862,000
	1995	23,115	1.24	28,663	"	117.14	3,358,000
Miscellaneous	1996	211					591,000
	1995	348					580,000
TOTALS	1996	409,520					\$112,916,000
	1995	410,985					\$105,657,000

* Revised

† Target Price ASCS Office

** Includes USDA Support Price

VEGETABLE CROPS – 1995-1996

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
All Vegetables	1996	2,141					\$3,654,000
	1995	1,696					3,090,000

Included under Field Crops to avoid
disclosing individual operations.

Production and Value of Agricultural Products

APIARY PRODUCTS – 1995-1996

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1996	476,000	Lb.	\$.89	\$424,000
	1995	490,000	"	.74	363,000
Beeswax	1996	11,000	"	2.09	23,000
	1995	14,000	"	1.21	17,000
Packaged Bees	1996	98,000	"	7.06	692,000
	1995	104,000	"	4.35	452,000
Queen Bees	1996	120,000	Each	7.27	872,000
	1995	121,000	"	5.30	641,000
Pollination	1996				942,000
	1995				925,000
TOTALS	1996				\$2,953,000
	1995				\$2,398,000

SEED CROPS – 1995-1996

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Alfalfa	1996	*			Lb.	\$	\$
	1995	185	369	68,265	"	1.40	96,000
Beans	1996	3,990	1,492	5,953,080	"	.40	2,381,000
	1995	3,949	1,725	6,812,025	"	.38	2,589,000
Clover, all	1996	2,514	421	1,058,394	"	1.31	1,386,000
	1995	2,894	471	1,363,140	"	1.43	1,950,000
Rice	1996	2,755	7,500	20,662,500	"	.11	2,273,000
	1995	2,308	7,300	16,848,400	"	.106	1,786,000
Safflower	1996	4,432	1,421	6,297,872	"	.57	3,590,000
	1995	8,248	1,179	9,724,392	"	.55	5,348,000
Vine Crops	1996	2,056					2,420,000
	1995	1,396					905,000
Wheat	1996	1,012	5,180	5,242,160	"	.10	524,000
	1995	550	4,690	2,577,900	"	.06	155,000
Other Seed	1996	2,135					693,000
	1995	1,710					619,000
TOTALS	1996	18,894					\$13,267,000
	1995	21,240					\$13,448,000

* Included under other seed to protect individual operations.

Production and Value of Agricultural Products

LIVESTOCK AND POULTRY – 1995-1996

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1996	25,839	189,244	Cwt.	\$53.00	\$10,030,000
	1995	26,638	195,097	"	56.50	11,023,000
Sheep and Lambs	1996	7,270	7,489	"	89.00	667,000
	1995	7,525	7,721	"	79.05	610,000
Hogs and Pigs	1996	1,745	3,032	"	52.00	158,000
	1995	1,662	2,888	"	42.51	123,000
Poultry	1996	Included under Livestock and Poultry Products				
	1995	to protect individual operations.				
TOTALS	1996					\$10,855,000
	1995					\$11,756,000

LIVESTOCK AND POULTRY PRODUCTS – 1995-1996

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1996	2,669,812	Cwt.	\$ 13.59	\$36,289,000
	1995	2,687,198	"	11.57	31,078,000
Market	1996	2,075,046	"	13.65	28,325,000
	1995	2,179,989	"	11.55	25,185,000
Manufacturing	1996	594,766	"	13.39	7,964,000
	1995	507,209	"	11.62	5,893,000
Wool	1996	73,705	Lb.	.80	59,000
	1995	75,985	"	.90	69,000
Miscellaneous	1996				270,000
	1995				245,000
TOTALS	1996				\$36,618,000
	1995				\$31,392,000

NURSERY PRODUCTS – 1995-1996

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
Nursery	1996	172.5	\$2,139,000
Production	1995	182.0	\$2,151,000

Production and Value of Agricultural Products

FRUIT AND NUT CROPS – 1995-1996

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1996	17,400	.49	8,526	Meat	\$4,075.00	\$34,743,000
	1995	17,301	.32	5,536	Ton	5,200.00	28,789,000
Almond Hulls	1996			10,658	Ton	80.00	853,000
	1995			7,750	"	83.75	649,000
Citrus	1996	761	10.93	8,318	"	242.00	2,013,000
	1995	805	9.05	7,285	"	260.00	1,894,000
Grapes	1996	1,242	6.29	7,812	"	507.81	3,967,000
	1995	1,093	8.60	9,392	"	229.69	2,157,000
Olives	1996	3,845	3.54	13,611	"	545.00	7,418,000
	1995	3,745	3.10	11,626	"	539.00	6,266,000
Prunes	1996	8,450	2.58	21,801	Dry	1,025.00	22,346,000
	1995	8,330	1.87	16,153	Tons	998.00	16,121,000
Pistachios	1996	748	.47	352	Inshell	2,900.00	1,021,000
	1995	747	1.28	956	Ton	2,500.00	2,390,000
Walnuts	1996	6,800	.83	5,644	"	1,570	8,861,000
	1995	6,710	1.06	7,121	"	1,220	8,688,000
Miscellaneous	1996	143					153,000
Fruits and Nuts	1995	123					177,000
TOTALS	1996	39,389					81,375,000
	1995	38,854					67,129,000

Production and Value of Forest Products

FOREST PRODUCTS – 1995-1996

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1996	10,582,000	Board	\$.38	\$4,021,000
	1995	8,600,000	Feet	.45	3,890,000
Firewood	1996	731	Cord	70.00	51,000
	1995	687	"	70.00	48,000
Christmas Trees	1996	1,710	Each	15.00	26,000
	1995	1,825	"	15.00	27,000
TOTALS	1996				\$4,098,000
	1995				\$3,965,000

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1995-1996

PEST EXCLUSION

TERMINAL INSPECTIONS	NUMBER OF INSPECTIONS	REJECTIONS	PEST
Postal	84		
United Parcel Service			
Truck	2,383	2	Decollate Snail <u>Rumina decollata</u>
Other	1,838	2	Baby's Breath <u>Gypsophia paniculata</u>
ORIGIN CERTIFICATION	NUMBER OF INSPECTIONS		
Field Inspections	561		
Phyto Certificates Issued	1,339		

ORGANIC FARMING

CROP	NUMBER OF FARMS	AMOUNT
Almonds	3	185 Acres
Citrus	4	78 Acres
Corn	1	25 Acres
Fruit Production	3	9 Acres
Rice	4	1,400.5 Acres
Vegetables/Herbs	5	56 Acres
Olives	1	36 Acres

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1995-1996

BIOLOGICAL CONTROL

PEST	CONTROL AGENT	PROGRAM SCOPE
Ash White Fly <u>Siphonius phillyreae</u>	Wasp <u>Encarsia Sp.</u>	7 Release Sites
	Beetle <u>Clitostethus arcuatus</u>	3 Release Sites
Italian Thistle <u>Carduus tenuifloris</u>	Weevil <u>Rhenocyllus conicus</u>	3 Release Sites
Puncture Vine <u>Tribulus tenestris</u>	Stem and Seed Weevils <u>Micro lypriformis</u> <u>Microlarinus lareyniei</u>	19 Release Sites
Yellow Star Thistle <u>Centaurea solstitialis</u>	Weevil <u>Bangasternus orientalis</u> <u>Eusteaapus villosus</u>	25 Release Sites 13 Release Sites
	Fly <u>Urophra sirunaseva</u> <u>Chastorellia australis</u>	5 Release Sites 2 Release Sites

PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Canada Thistle <u>Cirsium aruense</u>	Chemical - Mechanical	1
Dyerswood <u>Isatis tinctoria</u>	Chemical - Mechanical	1
Hoarycress <u>Cardaria draba</u>	Chemical	10
Peppergrass <u>Lepidium latifolium</u>	Chemical	5
Plumeless Thistle <u>Carduus acanthoides</u>	Chemical - Mechanical	3
Russian Knapweed <u>Centaurea repens</u>	Chemical	0
White Horsenettle <u>Solanum elaeagnifolium</u>	Chemical	22
Diffuse Knapweed <u>Centaurea diffuse</u>	Chemical	2
Artichoke Thistle <u>Cynara cardunculus</u>	Mechanical	1

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

Value of Agricultural Production	1995	1996
Field Crops	\$105,657,000	\$112,916,000
Livestock and Poultry	11,756,000	10,855,000
Fruit and Nut Crops	67,129,000	81,375,000
Livestock and Poultry Products	31,392,000	36,618,000
Seed Crops	13,448,000	13,267,000
Apiary Products	2,398,000	2,953,000
Nursery Products.....	2,151,000	2,139,000
Vegetable Crops	3,090,000	3,654,000
Total Agricultural Production	\$237,021,000	\$263,777,000
 Value of Forest Products		
Timber	\$3,890,000	4,021,000
Firewood	48,000	51,000
Christmas Trees	27,000	26,000
Total Forest Products.....	\$3,965,000	4,098,000
 Grand Total All Production	 \$240,986,000	 \$267,875,000

GLENN COUNTY'S LEADING AGRICULTURAL COMMODITIES

Commodity	1996 Value
1. Rice, paddy	\$68,192,000
2. Dairy Products	36,289,000
3. Almonds	34,743,000
4. Prunes	22,346,000
5. Corn	11,833,000
6. Hay, Alfalfa	10,170,000
7. Cattle and Calves	10,030,000
8. Wheat	9,862,000
9. Walnuts	8,861,000
10. Olives	7,418,000

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

117 YEARS - 1878 - 1996

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		
1917-1918	11.90	1957-1958	32.93		