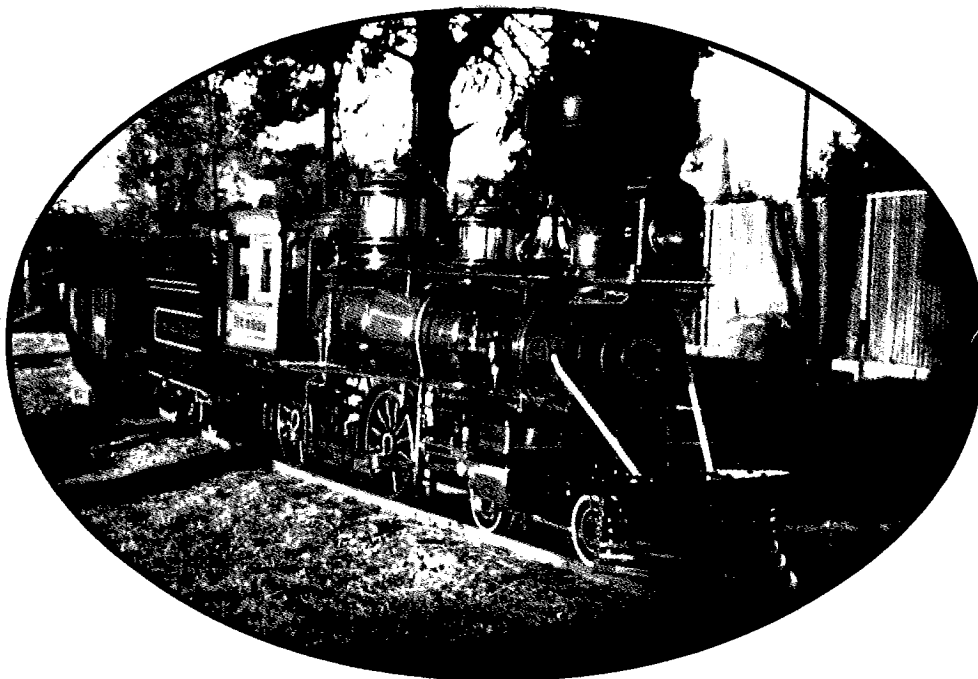


1999 ANNUAL CROP AND LIVESTOCK REPORT

GLENN COUNTY



THE ORLAND NEWVILLE AND PACIFIC RAILROAD

Miniature Railroad has Home in Glenn County

A finely built scale replica of an 1880's narrow gauge freight train has been delighting young and young at heart for eight years at the Glenn County Fairgrounds in Orland. The 15" gauge, 5" scale engine, built by Frank Allen of Orland, is a working steam locomotive in miniature, an exact scale replica of an engine on display at the California State Railroad Museum. The track was laid with the manual labor of local volunteers. Passengers roll past historic buildings and displays, pass over a bridge and through a tunnel and then wind through a picnic area and citrus grove. Scale railways such as this one are a rare attraction and Glenn County is privileged to host this one.

Photo courtesy of Orland Newville and Pacific Railroad

**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

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

**1999 ANNUAL CROP
AND LIVESTOCK REPORT**

GLENN COUNTY BOARD OF SUPERVISORS

Denny Bungarz, Chairman

Keith Hansen
Charles Harris, Sr.

Gary Freeman
Dick Mudd

PERSONNEL

Agriculture Staff:

Ed Romano Agricultural Commissioner
W. R. Duckworth, Jr. Assistant Commissioner
Ernie Simpson Deputy Commissioner
John F. B. Tolley Senior Agricultural Biologist
Rey Lopez Senior Agricultural Biologist
Jean Miller Senior Agricultural Biologist
Bob Birdseye Senior Agricultural Biologist
Helmut Bloo Senior Agricultural Biologist
Maureen Bailey Office Manager
Debra Hubbard Administrative Assistant
Tina Brothers Senior Secretary

Air Pollution Staff:

Kevin Tokunaga Program Manager
Rick Steward Program Manager
Candy Woods Administrative Analyst
Trudy Silveira Technician
Colleen Gustafson Senior Clerical Assistant
Patrick Way Air Pollution Specialist

May 1, 2000

William (Bill) J. Lyons, Jr., Secretary
California Dept. of Food and Agriculture

and

The Honorable Board of Supervisors
County of Glenn

I am pleased to submit the 1999 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Food & Agriculture Code. This report summarizes the acreage, production and value of Glenn County's agricultural and forest commodities.

With 1999's mild winter, long spring and moderate summer, Glenn County made a comeback from the devastating previous year. Production was up but, alas, prices were down.

The county's leading crop, rice, had an increased value of \$20,367,000 (+29%) while prunes increased their value by \$8,056,000 (+121%). Both dairy products and almonds, Glenn County's second and third leading commodities, had decreased values for 1999 (\$4,233,000 (-10%) and \$5,784,000 (-31%) respectively.

Vegetable crops were up due to increased acreage but honey was down considerably due to no extra surpluses available.

The 1999 gross production was valued at \$262,606,000. This is a \$36 million increase in gross value when compared with the 1998 figures. With the cooperation of the weather and the continued hard work of the farmers of Glenn County, we can look forward to success in the new millennium.

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

Production and Value of Agricultural Products

FIELD CROPS - 1998-1999

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE	
Barley	1999	Included under miscellaneous						
	1998	1,696	1.20	2,036	Ton	85.00	173,000	
Beans	1999	1,380	.87	1,200	"	562.00	674,000	
	1998	1,632	.88	1,428	"	931.22	1,330,000	
Corn	1999	15,685	5.50	86,268	"	85.00	7,333,000	
	1998	19,522	4.50	87,849	"	82.00	7,204,000	
Cotton, Lint	1999	598	2.36	1,411	500 lb.	368.00	520,000	
	1998	789	1.75	1,382	Bale	369.17	510,000	
Cotton, Seed	1999			600	Ton	150.00	90,000	
	1998			587	"	190.00	112,000	
Hay	1999	14,236	7.00	99,652	"	80.00	7,972,000	
Alfalfa	1998	16,959	4.20	71,228	"	90.00	6,411,000	
Hay	1999	3,030	2.50	7,575	"	60.00	454,000	
Other	1998	4,473	1.90	8,499	"	70.00	595,000	
Pasture	1999	16,270			Acre	120.00	1,952,000	
Irrigated	1998	15,500			"	120.00	1,866,000	
Range	1999	230,000			"	7.00	1,610,000	
	1998	230,000			"	7.00	1,610,000	
Rice, **	1999	82,980	3.75	311,175	Ton	290.00	90,241,000	
Paddy	1998	81,820	3.50	286,370	"	244.00	69,874,000	
Safflower	1999	1,650	.75	1,125	"	300.00	371,000	
	1998	1,500	.60	900	"	300.00	270,000	
Silage	1999	2,600	28.00	72,800	"	20.00	1,456,000	
	1998	2,850	20.00	57,000	"	22.00	1,254,000	
Grain	1999	316	2.80	885	"	83.00	73,000	
Sorghum	1998	419	2.80	1,173	"	86.00	101,000	
Sugar	1999	3,110	33.50	104,190	"	40.00	4,168,000	
Beets	1998	950	21.24	20,181	"	35.08	708,000	
Wheat	1999	15,104	2.75	41,536	"	89.00	3,697,000	
	1998	20,486	1.50	30,729	"	90.00	2,766,000	
Miscellaneous	1999	1,000					469,000	
	1998	200					453,000	
TOTALS	1999	387,959					\$121,080,000	
	1998	398,796					\$95,237,000	

**Includes USDA Support Price

VEGETABLE CROPS - 1998-1999

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Miscellaneous	1999	1,603					4,277,000
	1998	437					920,000
Totals	1999	1,603					4,277,000
	1998	437					920,000

Production and Value of Agricultural Products

APIARY PRODUCTS – 1998-1999

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	1999	18,000	Lb.	\$.50	\$9,000
	1998	650,000	"	.61	396,000
Beeswax	1999	4,000	"	2.00	8,000
	1998	9,000	"	1.78	16,000
Packaged Bees	1999	94,000	"	5.33	501,000
	1998	101,000	"	6.04	610,000
Queen Bees	1999	88,000	Each	7.32	644,000
	1998	85,000	"	7.22	614,000
Pollination	1999				1,281,000
	1998				987,000
TOTALS	1999				\$2,433,000
	1998				\$2,623,000*

SEED CROPS – 1998-1999

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Beans	1999	4,375	1,545	6,759,005	Lb.	\$.34	\$2,290,000
	1998	3,028	1,694	4,548,915	"	.32	1,445,000
Clover, all	1999	2,517	491	1,235,260	"	1.38	1,702,000
	1998	1,248	495	636,017	"	1.44	914,000
Rice	1999	2,257	7,673	17,317,961	"	.106	1,836,000
	1998	2,408	7,000	16,856,000	"	.15	2,528,000
Sunflower	1999	10,053	1,045	10,501,625	"	.46	4861,000
	1998	8,269	886	7,328,295	"	.55	4,039,000
Vine Crops	1999	3,095					3,650,000
	1998	2,383					2,849,000
Other Seed	1999	1,962					1,132,000
	1998	1,882					1,633,000
TOTALS	1999	24,259					\$13,939,000
	1998	19,254					\$13,408,000

* Revised

Production and Value of Agricultural Products

LIVESTOCK AND POULTRY – 1998-1999

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	1999	25,500	186,660	Cwt.	\$64.30	12,002,000
	1998	25,324	185,372	"	61.00	11,308,000
Sheep and Lambs	1999	7,310	7,529	"	74.80	563,000
	1998	7,081	7,293	"	74.80	546,000
Hogs and Pigs	1999	1,760	3,027	"	35.10	106,000
	1998	1,710	2,941	"	34.00	100,000
Poultry	1999	Included under Livestock and Poultry Products				
	1998	to protect individual operations.				
TOTALS	1999					\$12,671,000
	1998					\$11,954,000

LIVESTOCK AND POULTRY PRODUCTS – 1998-1999

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	1999	3,148,077	Cwt.	\$ 13.26	\$41,744,000
	1998	3,110,909	"	14.78	45,977,000
Market	1999	2,642,751	"	13.29	35,122,000
	1998	2,520,537	"	14.80	37,300,000
Manufacturing	1999	505,326	"	13.11	6,625,000
	1998	590,371	"	14.70	8,676,000
Wool	1999	74,050	Lb.	.31	23,000
	1998	71,731	"	.40	29,000
Miscellaneous	1999				230,000
	1998				226,000
TOTALS	1999				\$41,997,000
	1998				\$46,232,000

NURSERY PRODUCTS – 1998-1999

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
Nursery Production	1999	248	\$3,469,000
	1998	220	\$2,583,000
Total	1999	248	\$3,469,000
	1998	220	\$2,583,000

Production and Value of Agricultural Products

FRUIT AND NUT CROPS – 1998-1999

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	1999	22,562	.95	11,073	Meat	\$1,676.00	\$18,558,000
	1998	21,339	.39	8,322	Ton	2,925.00	24,342,000
Almond Hulls	1999			16,610	Ton	80.00	1,329,000
	1998			10,151	"	80.00	812,000
Citrus	1999	714	6.30	4,496	"	287.00	1,289,000
	1998	712	1.62	1,154	"	510.00	588,000
Grapes	1999	835	6.80	5,683	"	400.00	2,273,000
	1998	1,349	6.20	8,347	"	286.81	2,394,000
Olives	1999	4,490	2.30	10,357	"	442.00	4,578,000
	1998	4,165	2.24	9,330	"	449.00	4,189,000
Pistachios	1999	868	1.02	890	Inshell	2,800.00	2,581,000
	1998	746	.40	295	Ton	1,855.00	556,000
Prunes	1999	8,392	1.87	15,667	Dry	939.00	14,711,000
	1998	7,516	1.18	8,850	Ton	752.00	6,655,000
Walnuts	1999	7,169	1.18	8,477	Inshell	775.00	6,570,000
	1998	6,231	.96	5,989	Ton	1,050.00	6,288,000
Miscellaneous Fruits and Nuts	1999	116					75,000
	1998	132					165,000
TOTALS	1999	45,146					\$51,964,000
	1998	41,353					\$45,989,000

Production and Value of Forest Products

FOREST PRODUCTS – 1998-1999

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	1999	28,800,000	Board	\$.37	\$10,697,000
	1998	18,944,000	Feet		7,009,000
Firewood	1999	760	Cord	85.00	65,000
	1998	750	"	85.00	64,000
Christmas Trees	1999	1,700	Each	20.00	34,000
	1998	1,610	"	20.00	32,000
TOTALS	1999				\$10,796,000
	1998				\$7,105,000

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1998-1999

PEST EXCLUSION

TERMINAL INSPECTIONS	NUMBER OF INSPECTIONS	REJECTIONS	PEST
Postal	141	0	
United Parcel Service	0	0	
Truck	232	0	
Other	612	0	

ORIGIN CERTIFICATION	NUMBER OF INSPECTIONS
Field Inspections	475
Phyto Certificates Issued	1,227

ORGANIC FARMING

CROP	NUMBER OF FARMS	AMOUNT
Almonds	4	141 Acres
Citrus	4	145 Acres
Pasture	3	41 Acres
Fruit Production	3	26 Acres
Rice	6	2,036 Acres
Vegetables/Herbs	2	14 Acres
Field Crops (Safflower)	1	70 Acres

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1998-1999

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 tenestris</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
	<u>Larinus curtus</u>	1 Release Site
	Fly <u>Urophra sirunaseva</u> <u>Chastorellia australis</u>	Established Established
Bull Thistle <u>Cirsium vulgare</u>	Fly <u>Urophra stylata</u>	3 Release Sites

PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Canada Thistle <u>Cirsium arvense</u>	Chemical - Mechanical	0
Dyer's Woad <u>Isatis tinctoria</u>	Chemical - Mechanical	2
Hoary Cress (Whitetop) <u>Cardaria draba</u>	Chemical	3
Perennial Peppergrass <u>Lepidium latifolium</u>	Chemical	11
Plumeless Thistle <u>Carduus acanthoides</u>	Chemical - Mechanical	3
Russian Knapweed <u>Centaurea repens</u>	Chemical	1
White Horsenettle <u>Solanum elaeagnifolium</u>	Chemical	3
Diffuse Knapweed <u>Centaurea diffusa</u>	Chemical	0
Artichoke Thistle <u>Cynara cardunculus</u>	Mechanical	1

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

Value of Agricultural Production	1998	1999
Field Crops	\$95,231,000	\$121,080,000
Fruit and Nut Crops	45,989,000	51,964,000
Livestock and Poultry Products	46,232,000	41,977,000
Seed Crops	13,408,000	13,939,000
Livestock and Poultry	11,954,000	12,671,000
Vegetable Crops	920,000	4,277,000
Nursery Products	2,538,000	3,469,000
Apiary Products	2,623,000*	2,433,000
Total Agricultural Production	\$218,895,000	\$251,810,000
Value of Forest Products		
Timber	\$7,009,000	\$10,697,000
Firewood	64,000	65,000
Christmas Trees	32,000	34,000
Total Forest Products.....	\$7,105,000	10,796,000
Grand Total All Production	\$226,000,000*	\$262,606,000

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

1999

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

120 YEARS - 1879 - 1999

Year	Inches	Year	Inches	Year	Inches
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	1997-1998	41.62
1918-1919	12.90	1958-1959	11.96	1998-1999	14.59