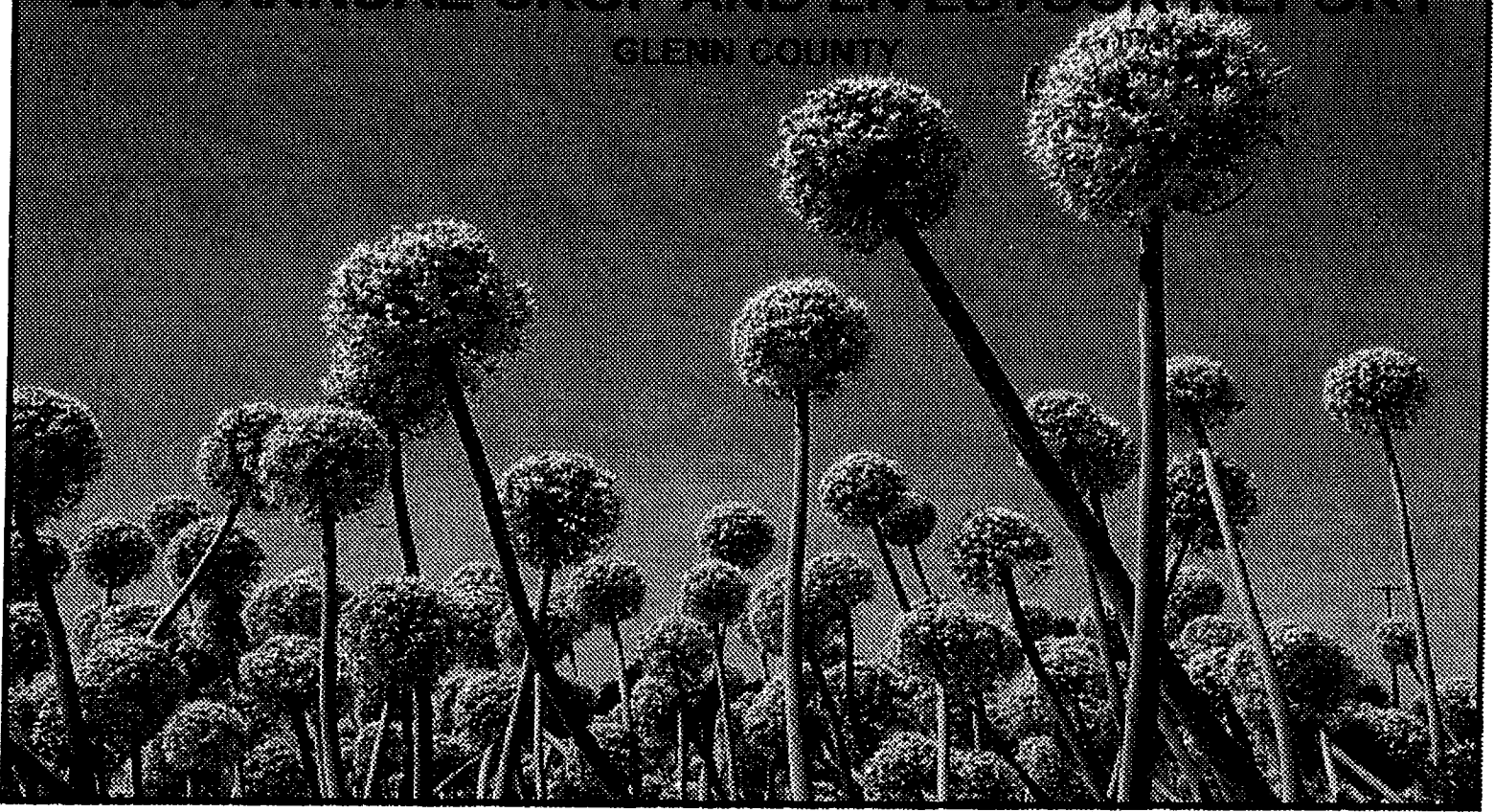


2000 ANNUAL CROP AND LIVESTOCK REPORT

GLENN COUNTY



ONIONS

These onions will produce seed for worldwide export. Onion seed production, along with carrot seed production, have been increasing in acreage in the last three years. Seed production in Glenn County is the fifth leading commodity produced.

Photo courtesy of Jean Miller

**GLENN COUNTY
DEPARTMENT OF AGRICULTURE**

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

**2000 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 Environmental Biologist
Rey Lopez Environmental Biologist
Jean Miller Environmental Biologist
Bob Birdseye Environmental Biologist
Helmut Bloo Environmental Biologist
Debra Hubbard Administrative Service Officer
Maureen Bailey Administrative Assistant
Tina Brothers Senior Secretary

Air Pollution Staff:

Kevin Tokunaga Program Manager
Rick Steward Program Manager
Candy Woods Administrative Service Officer
Trudy Silveira Office Technician
Colleen Gustafson Senior Secretary
Patrick Way Air Pollution Specialist

County of **Glenn** DEPARTMENT OF AGRICULTURE

ED ROMANO, Agricultural Commissioner
Sealer of Weights and Measures

WILLIAM R. DUCKWORTH, Assistant Commissioner
Assistant Sealer

June 13, 2001

William (Bill) J. Lyons Jr., Secretary
California Department of Food and Agriculture
1220 N. Street, Suite 409
Sacramento, CA 95814

Dear Secretary Lyons,

I am pleased to submit the 2000 annual crop and livestock report for Glenn County as required by Section 2279 of the California Food and Agricultural Code. This report summarizes the acreage, production and value of Glenn County's Agricultural and Forest Commodities.

Agricultural production for 2000 shows a gross value of \$281,005.00, an increase of \$24,170.00 as compared to 1999. Rice continues to be the leading commodity produced in Glenn County, with a production value of \$102,538,000. Orchard production continues to increase with a gross value of \$67,001,000 for this year. Due to favorable weather for apiary production, all aspects of apiary products are up.

Sugarbeets are again listed in the top ten commodities produced in the County. Future production will end in 2000 with the closure of processing plants in the area.

Values given in this report are gross receipts received by growers and do not reflect their net income. They do not take into account the various costs of production, marketing or transportation.

I wish to express my appreciation for the cooperation and assistance of all individuals who contributed to this report. Members of my staff should be commended in their efforts to compile this report.

Yours truly,



Ed Romano
Agricultural Commissioner

ER: cb

720 N. Colusa St.
P.O. Box 351
Willows, CA 95988

Phone: (530) 934-6501
Fax: (530) 934-6503
Email: gcairag@maxinet.com

Production and Value of Agricultural Products

FIELD CROPS – 1999-2000

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Beans	2000	1,505	.82	1,240	Ton	531.00	658,000
	1999	1,380	.87	1,200	"	562.00	674,000
Corn	2000	16,285	6.85	111,620	"	89.40	9,979,000
	1999	15,685	5.50	86,268	"	85.00	7,333,000
Cotton, Lint	2000	1,799	2.29	4,111	500 lb.	346.00	1,423,000
	1999	598	2.36	1,411	Bale	368.00	520,000
Cotton, Seed	2000			1,748	Ton	150.00	262,000
	1999			600	"	150.00	90,000
Hay Alfalfa	2000	15,067	6.50	97,936	"	85.00	8,325,000
	1999	14,236	7.00	99,652	"	80.00	7,972,000
Hay Other	2000	3,418	3.25	11,109	"	50.00	555,000
	1999	3,030	2.50	7,575	"	60.00	454,000
Hay Sudangrass	2000	812	4.00	3,248	Ton	100.00	325,000
Pasture Irrigated	2000	16,270			Acre	130.00	2,115,000
	1999	16,270			"	120.00	1,952,000
Range	2000	230,000			"	7.00	1,610,000
	1999	230,000			"	7.00	1,610,000
Rice, ** Paddy	2000	87,383	4.30	378,368	Ton	271.00	102,538,000
	1999	82,980	3.75	311,175	"	290.00	90,241,000
Safflower	2000	1,195	.70	835	"	220.00	184,000
	1999	1,650	.75	1,125	"	300.00	371,000
Silage	2000	2,415	28.00	67,620	"	23.50	1,589,000
	1999	2,600	28.00	72,800	"	20.00	1,456,000
Grain Sorghum	2000	303	2.80	848	"	85.00	72,000
	1999	316	2.80	885	"	83.00	73,000
Sugar Beets	2000	3,601	34.46	124,100	"	38.18	4,738,000
	1999	3,110	33.50	104,190	"	40.00	4,168,000
Wheat	2000	17,127	2.70	46,243	"	83.50	3,861,000
	1999	15,104	2.75	41,536	"	89.00	3,697,000
Miscellaneous	2000	548					618,000
	1999	1000					559,000*
TOTALS	2000	390,829					\$138,852,000
	1999	387,959					\$121,170,000*

**Includes USDA Support Price

* Revised

VEGETABLE CROPS – 1999-2000

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Totals	2000	2,166					4,069,000
	1999	1,603					4,277,000

Production and Value of Agricultural Products

APIARY PRODUCTS – 1999-2000

COMMODITY	YEAR	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Honey	2000	822,000	Lb.	\$.51	\$421,000
	1999	18,000	"	.50	9,000
Beeswax	2000	12,000	"	1.08	13,000
	1999	4,000	"	2.00	8,000
Packaged Bees	2000	130,000	"	5.68	739,000
	1999	94,000	"	5.33	501,000
Queen Bees	2000	107,000	Each	7.50	803,000
	1999	88,000	"	7.32	644,000
Pollination	2000				1,749,000
	1999				1,281,000
TOTALS	2000				\$3,725,000
	1999				\$2,443,000

SEED CROPS – 1999-2000

COMMODITY	YEAR	ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Beans	2000	7,558	1,747	13,209,780	Lb.	\$.31	\$4,080,000
	1999	4,375	1,545	6,759,005	"	.34	2,290,000
Clover, all	2000	2,542	452	1,150,120	"	1.34	1,545,000
	1999	2,517	491	1,235,260	"	1.38	1,702,000
Rice	2000	2,791	8,680	24,228,484	"	.104	2,520,000
	1999	2,257	7,673	17,317,961	"	.106	1,836,000
Sunflower	2000	6,799	1,457	9,906,364	"	.42	4,161,000
	1999	10,053	1,045	10,501,625	"	.46	4,816,000
Vine Crops	2000	608					803,000
	1999	3,095					3,650,000
Other Seed	2000	881					503,000
	1999	1,962					1,132,000
TOTALS	2000	21,179					\$13,612,000
	1999	24,259					\$15,471,000*

* Revised

Production and Value of Agricultural Products

LIVESTOCK AND POULTRY – 1999-2000

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL LIVE WEIGHT	UNIT	PRICE PER UNIT	TOTAL VALUE
Cattle and Calves	2000	31,917	235,162	Cwt.	\$69.89	16,436,000
	1999	25,500	186,660	"	64.30	12,002,000
Sheep and Lambs	2000	7,237	7,454	"	78.20	583,000
	1999	7,310	7,529	"	74.80	563,000
Hogs and Pigs	2000	1,790	3,079	"	44.10	136,000
	1999	1,760	3,027	"	35.10	106,000
Poultry	2000	Included under Livestock and Poultry Products				
	1999	to protect individual operations.				
TOTALS	2000					\$17,155,000
	1999					\$12,671,000

LIVESTOCK AND POULTRY PRODUCTS – 1999-2000

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Milk, all	2000	2,942,862	Cwt.	\$ 11.18	\$32,891,000
	1999	3,148,077	"	13.26	41,747,000
Market	2000	2,607,684	"	11.31	29,504,000
	1999	2,642,751	"	13.29	35,122,000
Manufacturing	2000	335,178	"	10.10	3,387,000
	1999	505,326	"	13.11	6,625,000
Wool	2000	73,309	Lb.	.30	22,000
	1999	74,050	"	.31	23,000
Miscellaneous	2000				246,000
	1999				230,000
TOTALS	2000				\$33,159,000
	1999				\$42,000,000

NURSERY PRODUCTS – 1999-2000

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
Totals	2000	244	\$3,224,000
	1999	248	\$3,469,000

Production and Value of Agricultural Products

FRUIT AND NUT CROPS – 1999-2000

COMMODITY	YEAR	BEARING ACREAGE	PRODUCTION PER ACRE	TOTAL PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Almonds	2000	25,433	.53	13,432	Meat	\$2,069.00	\$27,791,000
	1999	22,562	.49	11,135	Ton	1,676.00	18,662,000*
Almond Hulls	2000			16,790	Ton	80.00	1,343,000
	1999			13,918	"	80.00	1,114,000*
Citrus	2000	690	6.49	4,476	"	292.00	1,308,000
	1999	714	6.30	4,496	"	287.00	1,289,000
Grapes	2000	1,219	7.15	8,718	"	232.00	2,022,000
	1999	835	6.80	5,683	"	400.00	2,273,000
Olives	2000	4,645	1.78	8,285	"	642.00	5,323,000
	1999	4,490	4.16	18,704	"	442.00	8,267,000*
Pistachios	2000	947	1.19	1,132	Inshell	1,960.00	2,219,000
	1999	868	1.02	890	Ton	2,900.00	2,581,000
Prunes	2000	9,121	2.44	22,235	Dry	813.00	18,077,000
	1999	8,392	1.87	15,667	Ton	939.00	14,711,000
Walnuts	2000	7,828	.92	7,229	Inshell	1,195.00	8,640,000
	1999	7,169	1.18	8,477	Ton	775.00	6,570,000
Miscellaneous Fruits and Nuts	2000	130					278,000
	1999	116					75,000
TOTALS	2000	50,013					\$67,001,000
	1999	41,353					\$55,542,000*

Production and Value of Forest Products

FOREST PRODUCTS – 1999-2000

COMMODITY	YEAR	PRODUCTION	UNIT	PRICE PER UNIT	TOTAL VALUE
Timber	2000	16,522,000	Board	\$.34	\$5,634,000
	1999	29,728,000	Feet	.32	9,385,000*
Firewood	2000	801	Cord	85.00	68,000
	1999	760	"	85.00	65,000
Christmas Trees	2000	1,680	Each	20.00	34,000
	1999	1,700	"	20.00	34,000
TOTALS	2000				\$5,736,000
	1999				\$9,484,000*

* Revised

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1999-2000

PEST EXCLUSION

TERMINAL INSPECTIONS	NUMBER OF INSPECTIONS	REJECTIONS	PEST
Postal	103	0	
United Parcel Service	0	0	
Truck	1426	0	
Other	1605	1	

ORIGIN CERTIFICATION	NUMBER OF INSPECTIONS
Field Inspections	411
Phyto Certificates Issued	1,320

ORGANIC FARMING - 1999-2000

CROP	NUMBER OF FARMS	ACRES
Almonds	4	115
Rice	10	2,176
Citrus	4	147
Olives	4	65
Vegetables/Herbs	4	8
Fruit trees	2	5
Walnuts	1	20
Hay/Pasture	2	16

Production and Value of Agricultural Products

GLENN COUNTY SUSTAINABLE AGRICULTURE – 1999-2000

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 pychocephalus</u>	Weevil <u>Rhenocyllus conicus</u>	Established
Puncturevine <u>Tribulus terrestris</u>	Stem and Seed Weevils <u>Micro lypriformis</u> <u>Microlarinus lareyniei</u>	Established
Yellow Star Thistle <u>Centaurea solstitialis</u>	Weevil <u>Bangasternus orientals</u> <u>Eustenopus villosus</u> <u>Larinus curtus</u>	Established Established 2 Release Sites
	Fly <u>Urophra sirunaseva</u> <u>Chastorellia australis</u>	Established Established
Bull Thistle <u>Cirsium vulgare</u>	Fly <u>Urophra stylata</u>	6 Release Sites

PEST ERADICATION

PEST	CONTROL AGENT	NUMBER OF LOCATIONS
Canada Thistle <u>Cirsium arvense</u>	Chemical - Mechanical	4
Dyer's Woad <u>Isatis tinctoria</u>	Chemical - Mechanical	3
Hoary Cress (Whitetop) <u>Cardaria draba</u>	Chemical	0
Perennial Peppergrass <u>Lepidium latifolium</u>	Chemical	10
Plumeless Thistle <u>Carduus acanthoides</u>	Chemical - Mechanical	3
Russian Knapweed <u>Centaurea repens</u>	Chemical	3
White Horsenettle <u>Solanum elaeagnifolium</u>	Chemical	20
Diffuse Knapweed <u>Centaurea diffuse</u>	Chemical	3
Artichoke Thistle <u>Cynara cardunculus</u>	Mechanical	1
Purple Star Thistle <u>Centaurea calcitrapa</u>	Chemical	1

VALUE OF AGRICULTURAL AND FOREST PRODUCTION

GLENN COUNTY, CALIFORNIA

Value of Agricultural Production	1999	2000
Field Crops	\$121,170,000*	\$138,852,000
Fruit and Nut Crops	55,542,000*	67,001,000
Livestock and Poultry Products	42,000,000	33,159,000
Livestock and Poultry	12,671,000	17,155,000
Seed Crops	15,471,000*	13,612,000
Vegetable Crops	4,069,000	4,277,000
Apiary Products	2,443,000	3,725,000
Nursery Products	3,469,000	3,224,000
 Total Agricultural Production	 \$256,835,000	 \$281,005,000

Value of Forest Products

Timber	\$9,385,000*	\$5,634,000
Firewood	65,000	68,000
Christmas Trees	34,000	34,000
 Total Forest Products	 \$9,484,000*	 5,736,000

Grand Total All Production \$266,319,000 \$286,741,000

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

2000

Commodity	2000 Value
1. Rice, paddy	\$102,538,000
2. Dairy Products	32,891,000
3. Almonds	27,791,000
4. Prunes	18,077,000
5. Cattle and calves	16,436,000
6. Corn	9,979,000
7. Walnuts	8,640,000
8. Hay, Alfalfa	8,325,000
9. Olives	5,323,000
10. Sugar Beets	4,738,000

* Revised

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

121 YEARS – 1879 - 2000

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
				1999-2000	19.43