

# 2002 Annual Crop & Livestock Report



# Glenn County

Cover photo shows a watershed demonstration project which utilizes cover crops such as resident vegetation and a planted buffer strip along a riparian corridor that could significantly reduce the off site movement of pesticides, fertilizers and soils.

Initiated in 1997, the Glenn County Surface Water Stewardship Program's mission is to provide pesticide users with knowledge and information so that they can make management decisions that limit off site movement of pesticides, fertilizers and soil into the surface or ground water.

The Glenn County Surface Water Stewardship Program would like to acknowledge the collaborative efforts of Mike Perry, Floyd Perry, Craig Vereschagin and Mike Hart.

Photo by Rey Lopez

# County of Glenn

## DEPARTMENT OF AGRICULTURE

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

**WILLIAM R. DUCKWORTH**, Assistant Commissioner  
Assistant Sealer

TO: Williams J. Lyons, Jr., Secretary  
State of California  
Department of Food and Agriculture

and

The Honorable Board of Supervisors  
Chairman: Tom McGowan District 4  
Denny Bungarz District 1  
Gary Freeman District 2  
Forrest Sprague District 3  
Keith Hansen District 5

I am pleased to submit the 2002 annual crop and livestock report for Glenn County as required by Section 2279 of the California Food and Agriculture Code. This report summarizes the acreage, production and gross value of Glenn County agricultural and forest commodities.

Agriculture continues to be the county's major industry. The 2002 gross production of agricultural commodities was valued at \$303,447,000. This represents an increase of 8% from the 2001 gross production value of \$278,321,000.

Rice continues to be the leading commodity produced in Glenn County with a production value of \$97,829,000. Almonds increased by 43% due to an increase in acreage, production, and value. Honey, for the first time, hit a record high price of \$1.47. The ten year average for honey has been \$.67. An increase in walnut acreage as well as an increase in production offset the lower price per ton to raise their value to \$1,062,000.

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, related agencies and members of the agricultural industry for their contributions to this report. Members of my staff should be commended in their efforts to compile this report.

Respectfully submitted,



Ed Romano  
Agricultural Commissioner

ER:b

# FIELD CROPS

## Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
BEANS	2002	2,618	0.89	2,356	Ton	\$673.00	\$1,587,000	
	2001	864	1.02	882		656.00	578,000	
CORN	2002	19,195	6.25	119,696	Ton	96.00	11,517,000	
	2001	22,128	6.20	137,194		81.50	11,181,000	
COTTON, LINT	2002	1,914	2.36	4,522	500 lb.	302.86	1,370,000	
	2001	2,356	2.88	6,785		305.00	2,069,000	
COTTON, SEED	2002			2,097	Ton	170.00	356,000	
	2001			2,884		142.00	410,000	
HAY, ALFALFA	2002	19,184	7.50	143,880	Ton	95.50	13,309,000	
	2001	15,964	7.63	121,805		105.00	12,790,000	
HAY, OTHER	2002	5,500	2.70	14,850	Ton	85.00	1,262,000	
	2001	4,700	3.80	17,860		83.50	1,491,000	
HAY, SUDANGRASS	2002	1,826	3.70	6,756	Ton	85.00	574,000	
	2001	1,923	3.00	5,769		85.00	490,000	
PASTURE, IRRIGATED	2002	12,673			Ton	135.00	1,711,000	
	2001	15,182				135.00	2,104,000	
RANGE	2002	230,000			Ton	7.00	1,610,000	
	2001	230,000				7.00	1,610,000	
RICE, PADDY	2002	92,382	4.27	394,471	Ton	248.00	97,829,000	
	2001	87,239	4.40	383,852		249.00	95,579,000	
SAFFLOWER	2002	2,839	0.78	2,228	Ton	240.00	535,000	
	2001	930	0.58	539		215.00	116,000	
SILAGE, CORN	2002	2,740	26.00	71,240	Ton	20.00	1,425,000	
	2001	2,586	33.00	85,338		19.50	1,664,000	
GRAIN, SORGHUM	2002	160	2.80	448	Ton	80.00	36,000	
	2001	387	2.80	1,084		84.00	91,000	
WHEAT	2002	14,006	2.60	36,416	Ton	93.00	3,387,000	
	2001	15,726	2.70	42,460		87.10	3,698,000	
MISCELLANEOUS	2002	7,588			Ton		1,331,000	
	2001	6,141					933,000	
TOTALS	2002	** Includes USDA Support Price						\$137,839,000
	2001	* Revised						\$135,531,000

## APIARY CROPS

### Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2002	7,000	Lbs	\$1.14	\$8,000	
	2001	2,000		1.50	3,000	
HONEY	2002	329,000	Lbs	1.47	484,000	
	2001	20,000		0.50	10,000	
PACKAGED BEES	2002	116,000	Lbs	5.72	663,000	
	2001	119,000		5.22	621,000	
POLLINATION	2002				1,990,000	
	2001				1,785,000	
QUEEN BEES	2002	104,000	Each	7.88	819,000	
	2001	104,000		7.66	797,000	
TOTALS	2002				\$3,964,000	
	2001				\$3,216,000	

## SEED CROPS

### Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2002	1,330	2,379	3,164,552	Lbs	\$0.30	\$964,000
	2001	1,627	1,855	3,018,260		\$0.33	\$990,000
CLOVER, ALL	2002	1,424	256	364,923	Lbs	1.30	473,000
	2001	1,327	311	413,250		1.25	517,000
RICE	2002	2,263	8,600	19,461,800	Lbs	0.10	1,946,000
	2001	2,648	8,800	23,302,400		0.09	2,074,000
SUNFLOWER	2002	4,772	945	4,511,093	Lbs	0.47	2,125,000
	2001	3,612	1,370	4,949,569		0.51	2,524,000
VINE CROPS	2002	1,058			Lbs		1,403,000
	2001	1,033					1,277,000
OTHER SEED	2002	1,093			Lbs		2,013,000
	2001	1,080					347,000
TOTALS	2002						\$8,924,000
	2001						\$7,729,000

## VEGETABLE CROPS

### Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
TOTALS	2002	949					\$1,682,000
	2001	1,420					\$2,302,000

## LIVESTOCK and POULTRY

### Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
CATTLE and CALVES	2002	31,658	230,484	Cwt	\$65.51	\$15,099,000
	2001	30,621	225,852		72.39	16,349,000
SHEEP and LAMBS	2002	7,087	7,300	Cwt	69.40	507,000
	2001	7,382	7,603		67.30	512,000
HOGS and PIGS	2002	1,785	3,195	Cwt	34.20	109,000
	2001	1,750	3,010		43.00	129,000
POULTRY	2002	Included under Livestock and Poultry Products to protect individual				
	2001	operations.				
TOTALS	2002					\$15,715,000
	2001					\$16,990,000

## LIVESTOCK and POULTRY PRODUCTS

### Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: MARKET	2002	3,293,446	Cwt	\$10.89	\$35,851,000	
	2001	2,770,190		13.87	38,423,000	
MILK: MANUFACTURING	2002	245,505	Cwt	10.70	2,626,000	
	2001	372,315		13.24	4,929,000	
WOOL	2002	71,791	Cwt	0.53	38,000	
	2001	74,780		0.40	30,000	
MISCELLANEOUS	2002				300,000	
	2001				245,000	
TOTALS	2002					\$38,815,000
	2001					\$43,627,000

## NURSERY PRODUCTS

### Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2002	298	\$4,034,000
	2001	288	\$4,203,000

## FRUIT and NUT CROPS

### Production and Value of Agricultural Products

Commodity	Year	Bearing PRODUCTION			VALUE		
		Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2002	27,380	0.75	20,450	Meat	\$2,285.00	\$46,728,000
	2001	26,534	0.54	14,260	Ton	\$1,845.00	\$26,310,000
ALMOND HULLS	2002				Ton	70.00	1,761,000
	2001			17,825		70.00	1,248,000
CITRUS	2002	655	6.25	4,094	Ton	260.00	1,066,000
	2001	631	4.31	2,717		308.00	837,000
GRAPES	2002	1,277	9.30	11,880	Ton	462.00	5,488,000
	2001	1,349	2.10	2,827		415.00	1,176,000
OLIVES	2002	5,025	3.68	18,500	Ton	613.00	11,339,000
	2001	4,787	3.95	18,909		610.00	11,534,000
PISTACHIOS	2002	980	1.48	1,450	Inshell	2,400.00	3,480,000
	2001	983	0.61	596	Ton	2,100.00	1,252,000
PRUNES	2002	8,091	1.55	12,581	Dry	798.00	10,040,000
	2001	9,517	1.55	14,778	Ton	749.00	11,069,000
WALNUTS	2002	9,200	1.44	11,673	Inshell	1,080.00	12,607,000
	2001	8,314	1.26	10,495	Ton	1,100.00	11,545,000
MISCELLANEOUS	2002	234					304,000
	2001	141					91,000
TOTALS	2002						\$92,813,000
	2001						\$65,062,000

## FOREST PRODUCTS

### Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		VALUE		
		UNIT	PER UNIT	TOTAL		
CHRISTMAS TREES	2002		1,800	Each	20.00	\$36,000
	2001		1,750		20.00	35,000
FIREWOOD	2002		823	Cord	85.00	70,000
	2001		774		85.00	66,000
TIMBER	2002		3,080,000	Board	0.25	772,000
	2001		962,000	feet	0.22	212,000
TOTALS	2002					\$878,000
	2001					\$313,000

# VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2001	2002
Field Crops	\$135,192,000	\$137,839,000
Fruit and Nut Crops	65,062,000	92,813,000
Livestock and Poultry Products	43,627,000	38,815,000
Livestock and Poultry	16,990,000	15,715,000
Seed Crops	7,729,000	8,924,000
Nursery Products	4,203,000	4,034,000
Apiary Products	3,216,000	3,964,000
Vegetable Crops	2,302,000	1,682,000
<b>TOTAL AGRICULTURAL PRODUCTION</b>	<b>\$278,321,000</b>	<b>\$303,786,000</b>

VALUE of FOREST PRODUCTS	2001	2002
Timber	\$212,000	\$772,000
Firewood	66,000	70,000
Christmas Trees	35,000	36,000
<b>TOTAL FOREST PRODUCTION</b>	<b>\$313,000</b>	<b>\$878,000</b>

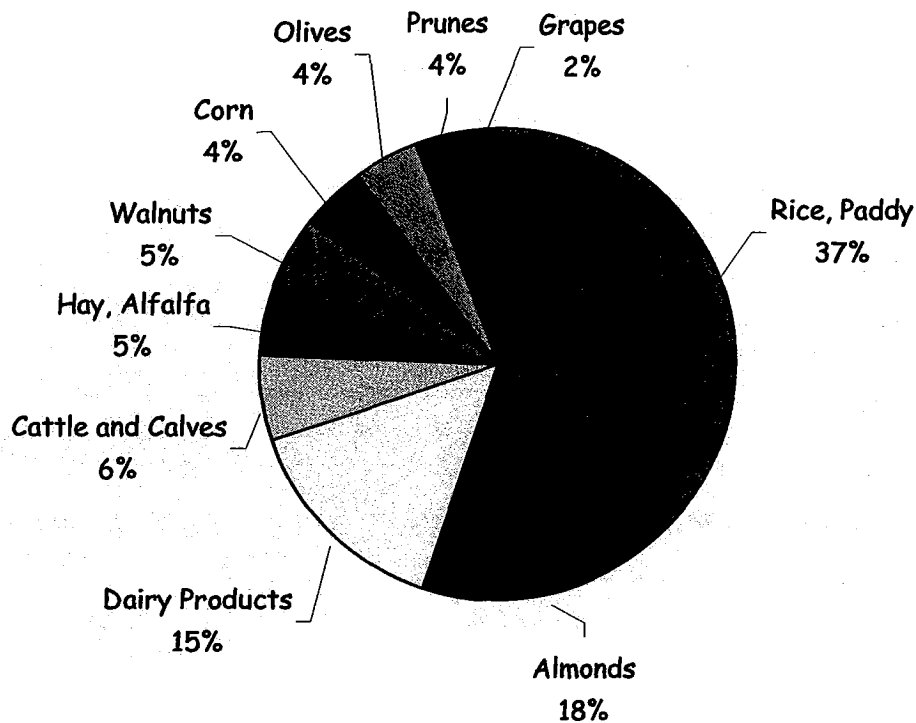
**GRAND TOTAL ALL PRODUCTION**                      **\$278,634,000**                      **\$304,664,000**



# GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2002 Value
1) Rice, Paddy	\$97,829,000
2) Almonds	46,728,000
3) Dairy Products	38,477,000
4) Cattle and Calves	15,099,000
5) Hay, Alfalfa	13,309,000
6) Walnuts	12,607,000
7) Corn	11,517,000
8) Olives	11,339,000
9) Prunes	10,040,000
10) Grapes	5,488,000

## Ten Leading Commodities 2002



# GLENN COUNTY SUSTAINABLE AGRICULTURE

## PEST EXCLUSION

Terminal Inspections	Number of Inspections	Rejections	Pest
Postal	244	0	
Truck	3,790	0	
Other	34	0	

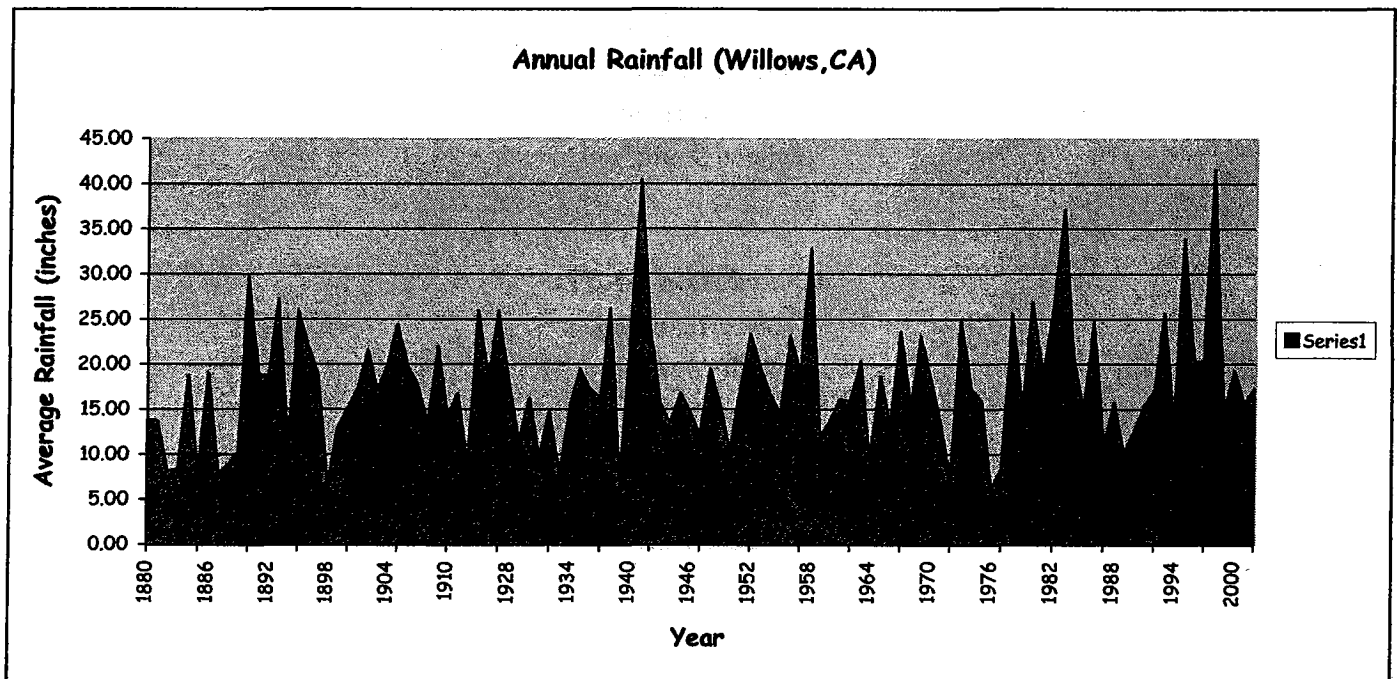
Origin Certification	Number of Inspections
Field Inspections	280
Phyto Certificates Issued	600

## ORGANIC FARMING

Crop	Number of Farms	Acres
Almonds	5	133
Citrus	6	154
Fallow	4	157
Fruit Trees	3	11
Hay/Pasture	2	18
Olives	1	12
Rice	9	1,530
Safflower	1	27
Vegetables/Herbs	1	2.5
Walnuts	1	20

# ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
1879 - 1880	13.96	1910 - 1911	17.75	1941 - 1942	24.07	1972 - 1973	25.11
1880 - 1881	13.85	1911 - 1912	11.26	1942 - 1943	15.68	1973 - 1974	17.45
1881 - 1882	8.28	1912 - 1913	13.18	1942 - 1944	13.52	1974 - 1975	16.03
1882 - 1883	8.45	1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30
1883 - 1884	18.84	1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46
1884 - 1885	7.80	1915 - 1916	18.11	1946 - 1947	12.28	1977 - 1978	25.72
1885 - 1886	19.15	1916 - 1917	11.43	1947 - 1948	19.56	1978 - 1979	14.97
1886 - 1887	8.07	1917 - 1918	11.90	1948 - 1949	15.59	1979 - 1980	26.95
1887 - 1888	8.97	1918 - 1919	12.90	1949 - 1950	10.32	1980 - 1981	18.76
1888 - 1889	10.30	1919 - 1920	7.70	1950 - 1951	17.48	1981 - 1982	25.58
1889 - 1890	29.94	1920 - 1921	21.28	1951 - 1952	23.50	1982 - 1983	37.25
1890 - 1891	19.01	1921 - 1922	13.44	1952 - 1953	19.70	1983 - 1984	20.47
1891 - 1892	18.82	1922 - 1923	16.81	1953 - 1954	16.64	1984 - 1985	14.89
1892 - 1893	27.30	1923 - 1924	8.86	1954 - 1955	14.57	1985 - 1986	24.82
1893 - 1894	11.15	1924 - 1925	25.99	1955 - 1956	23.24	1986 - 1987	10.92
1894 - 1895	26.04	1925 - 1926	18.44	1956 - 1957	19.11	1987 - 1988	15.86
1895 - 1896	22.18	1926 - 1927	25.99	1957 - 1958	32.93	1988 - 1989	10.12
1896 - 1897	18.82	1927 - 1928	17.54	1958 - 1959	11.96	1989 - 1990	12.71
1897 - 1898	6.58	1928 - 1929	11.46	1959 - 1960	13.88	1990 - 1991	15.51
1898 - 1899	13.05	1929 - 1930	16.37	1960 1961	16.24	1991 - 1992	17.19
1899 - 1900	15.23	1930 - 1931	9.85	1961 1962	16.01	1992 - 1993	25.76
1900 - 1901	17.49	1931 - 1932	15.01	1962 1963	20.48	1993 - 1994	13.10
1901 - 1902	21.67	1932 - 1933	7.79	1963 1964	9.34	1994 - 1995	34.04
1902 - 1903	17.10	1933 - 1934	15.65	1964 1965	18.75	1995 - 1996	20.39
1903 - 1904	20.28	1934 - 1935	19.62	1965 1966	13.26	1996 - 1997	20.52
1904 - 1905	24.55	1935 - 1936	17.48	1966 1967	23.65	1997 - 1998	41.62
1905 - 1906	19.85	1936 - 1937	16.40	1967 1968	15.21	1998 - 1999	14.59
1906 - 1907	17.88	1937 - 1938	26.28	1968 - 1969	23.25	1999 - 2000	19.43
1907 - 1908	13.44	1938 - 1939	6.82	1969 - 1970	18.56	2000 - 2001	15.70
1908 - 1909	22.09	1939 - 1940	23.21	1970 - 1971	13.50	2001 - 2002	17.40
1909 - 1910	14.36	1940 - 1941	40.50	1971 - 1972	7.15		



# STAFF MEMBERS

**Agricultural Commissioner**  
**Sealer of Weights and Measures**  
Ed Romano

**Assistant Agricultural Commissioner**  
**Assistant Sealer of Weights and Measures**  
W. R. Duckworth, Jr.

**Deputy Agricultural Commissioner**  
Ernie Simpson

## **Environmental Biologists:**

John F. B. Tolley  
Rey Lopez  
Jean Miller  
Bob Birdseye  
Lester Messina  
Greg Hinton

## **Support Staff:**

Debra Hubbard  
Maureen Bailey  
Tina Brothers  
Colleen Gustafson

## **Air Pollution Staff:**

Kevin Tokunaga  
Rick Steward  
Ben Myhre  
Candy Woods  
Trudy Silveira  
Delia Azure