

GLENN COUNTY

2006

Annual Crop & Livestock Report



Sheep and Spider Webs

By Greg Hinton



Pronghorn Antelope

By Ben Myhre



Barn Owl

By Ben Myhre



Snowgeese in a Rice Field

By Jean Miller

Glenn County

Glenn County is located in the heart of the Sacramento Valley and is primarily an agricultural community. The Coast Range mountains are on the west and for most of the County, the Sacramento River is located on the east. Interstate 5 runs north and south through the middle of this rich farm land.

With over 1,000 farms, agriculture remains the primary source of Glenn County's economy.

Glenn County was incorporated on March 5, 1891 and the county seat, Willows, was created 6 days later on March 11, 1891. Glenn County was created out of the northern portion of Colusa County, then called Colusi County and was named for Dr. Hugh L. Glenn, the largest wheat farmer in California in his lifetime.



Rice Harvesters

County Of Glenn

DEPARTMENT OF AGRICULTURE

Mark Black, Agricultural Commissioner
Sealer of Weights and Measures

Jean Miller, Assistant Commissioner
Assistant Sealer of Weights & Measures

TO: A. G. Kawamura, Secretary
State of California
Department of Food and Agriculture

and

The Honorable Board of Supervisors
Chairman: Tom McGowan District 1
Tracey Quarne District 2
John Amaro District 3
Michael Murray District 4
Keith Hansen District 5

I am pleased to submit the 2006 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 2006 gross production of agricultural commodities was valued at \$368,878,000. This represents a decrease of 6 percent from the 2005 gross production value of \$393,605,000.

Rice is the number one leading commodity again with a total value of \$94,717,000. Almonds took the lead last year but are now in the number two spot with a production value of \$77,238,000. Rice and almonds represent 55% of the total crop and livestock value for 2006.

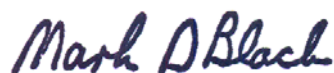
Prunes, pistachios and walnuts all showed an increase in value and production but olives and citrus had a decrease in production. The weather was unusually warm in January which was followed by freezing weather in February. Heavy rains fell in April and May which affected many crops including olives. The heavy rains knocked off most of the olives blossoms which caused a production decrease of 58%.

Some new specialty seed crops were planted which increased the value of the seed crops by 51%.

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

I want to express my appreciation for the cooperation and assistance of all individuals, related agencies and members of the agricultural industry for their help in compiling this report. Members of my staff should be commended for their countless hours and extra efforts to gather this year's information and to Jean Miller for the compilation of the report.

Respectfully submitted,



Mark D. Black
Agricultural Commissioner

FIELD CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			UNIT	VALUE	
		ACREAGE	PER ACRE	TOTAL		PER UNIT	TOTAL
BEANS	2006	2,153	1.37	2,950	Ton	\$780.00	\$2,301,000
	2005	2,267	1.05	2,380		\$700.00	\$1,666,000
BARLEY	2006	2,118	1.80	3,812	Ton	104.00	396,000
	2005	5,639	2.10	11,842		100.50	1,190,000
CORN	2006	6,260	5.22	32,677	Ton	126.00	4,117,000
	2005	10,353	5.33	55,181		96.00	5,297,000
COTTON, LINT	2006	3,070	3.30	10,131	500 lb.	345.00	3,495,000
	2005	2,591	2.89	7,488		335.00	2,508,000
COTTON, SEED	2006			4,221	Ton	180.00	760,000
	2005			3,121		163.00	509,000
HAY, ALFALFA	2006	16,345	5.98	97,743	Ton	123.00	12,022,000
	2005	10,506	6.60	69,340		115.00	7,974,000
HAY, OTHER	2006	6,418	2.78	17,842	Ton	81.00	1,445,000
	2005	3,596	2.90	10,428		86.00	897,000
HAY, SUDANGRASS	2006	0			Ton		0
	2005	0					0
PASTURE, IRRIGATED	2006	7,080			Acres	155.00	1,097,000
	2005	7,797				160.00	1,248,000
RANGE	2006	230,000			Acres	10.00	2,300,000
	2005	230,000				7.00	1,610,000
RICE, PADDY	2006	82,436	4.06	334,690	Ton	283.00	94,717,000
	2005	88,876	3.65	324,398		236.00	76,558,000
SAFFLOWER	2006	306	0.61	187	Ton	320.00	60,000
	2005	205	1.30	267		242.00	65,000
SILAGE, CORN	2006	4,990	29.19	145,658	Ton	22.00	3,204,000
	2005	1,115	30.25	33,729		33.00	1,113,000
WHEAT	2006	6,389	1.66	10,605	Ton	137.00	1,453,000
	2005	5,019	2.20	11,042		102.00	1,126,000
MISCELLANEOUS	2006	11,584					4,317,000
	2005	16,149					2,497,000
TOTALS	2006	379,149					\$131,684,000
	2005	384,113					\$104,258,000

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1 Includes USDA Support Price

2 Includes barley, oat and rice straw, sorghum and organic rice

APIARY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2006	2,000		\$1.00	\$2,000	
	2005	5,000	Lbs	\$0.00	\$0	
HONEY	2006	89,600		0.80	72,000	
	2005	120,000	Lbs	0.00	0	
PACKAGED BEES	2006	96,000		9.75	936,000	
	2005	116,000	Lbs	11.25	1,305,000	
POLLINATION	2006				2,300,000	
	2005				3,355,000	
QUEEN BEES	2006	128,000		13.50	1,728,000	
	2005	132,000	Each	12.50	1,650,000	
TOTALS	2006				\$5,038,000	
	2005				\$6,310,000	

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
BEANS	2006	1,318	1,985	2,616,230		\$0.40	\$1,046,000	
	2005	1,138	1,998	2,273,724	Lbs	\$0.40	\$909,000	
CLOVER, ALL	2006	425	393	167,025		1.33	222,000	
	2005	1,038	393	407,934	Lbs	1.33	543,000	
RICE	2006	2,972	8,520	25,321,440		0.15	3,798,000	
	2005	2,633	7,300	19,220,900	Lbs	0.12	2,307,000	
SUNFLOWER	2006	4,120	736	3,032,320		1.56	4,730,000	
	2005	6,915	745	5,151,675	Lbs	0.65	3,349,000	
VINE CROPS	2006	1,448	Includes cucumbers, melons, pumpkins, squash and					1,590,000
	2005	2,000	watermelons					1,953,000
OTHER SEED	2006	146	Includes broccoli, carrots, chard, Chinese cabbage,					685,000
	2005	148	gourds, kale, onions and Swiss chard					285,000
TOTALS	2006	10,429					\$12,071,000	
	2005	13,872					\$9,346,000	

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE			
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
TOTALS	2006	176	Includes cucumbers, eggplant, melons, peppers, pumpkins, squash, strawberries, sweet corn,					\$433,000
	2005	93	tomatos (fresh and processed) and watermelons					\$252,000

LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE		
					PER UNIT	TOTAL	
CATTLE and CALVES	2006	32,575	225,581	Cwt	\$89.66	\$20,226,000	
	2005	32,807	224,632		\$89.52	\$20,109,000	
SHEEP and LAMBS	2006	6,779	6,982	Cwt	84.00	587,000	
	2005	7,212	7,428		98.90	734,000	
HOGS and PIGS	2006	1,806	3,251	Cwt	47.90	156,000	
	2005	1,881	3,386		50.70	172,000	
POULTRY	2006	Included under Livestock and Poultry Products to protect individual operations.					
	2005						
TOTALS	2006						\$20,969,000
	2005						\$21,015,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: Market	2006	3,316,092	Cwt	\$11.61	\$38,500,000	
	2005	3,438,515		\$13.89	\$47,761,000	
MILK: Manufacturing	2006	301,489	Cwt	12.75	3,844,000	
	2005	302,026		14.80	4,470,000	
WOOL	2006	69,824	Lbs	0.94	66,000	
	2005	73,058		0.86	63,000	
MISCELLANEOUS	2006					336,000
	2005					327,000
TOTALS	2006					\$42,746,000
	2005					\$52,621,000

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2006	379	\$5,659,000
	2005	321	\$4,582,000

Includes grapes for rootstock, potted plants, sod and strawberry plants

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	Bearing PRODUCTION			VALUE		
		Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2006	28,292	0.65	18,390	Meat	\$4,200.00	\$77,238,000
	2005	28,001	0.78	21,841	Ton	\$6,160.00	\$134,541,000
ALMOND HULLS	2006			22,762	Ton	75.00	1,707,000
	2005			27,301		75.00	2,048,000
CITRUS	2006	521	2.80	1,459	Ton	750.00	1,094,000
	2005	521	4.22	2,199		741.00	1,629,000
GRAPES	2006	1,307	8.88	11,615	Ton	588.00	6,830,000
	2005	1,227	10.78	13,227		591.33	7,822,000
OLIVES	2006	3,516	1.44	5,063	Ton	805.00	4,076,000
	2005	3,591	3.50	12,569		585.00	7,353,000
PISTACHIOS	2006	943	1.55	1,462	Inshell	3,759.00	5,496,000
	2005	943	0.61	575	Ton	3,600.00	2,070,000
PRUNES	2006	6,800	2.25	15,300	Dry	1,447.00	22,139,000
	2005	6,829	1.50	10,244	Ton	1,400.00	14,342,000
WALNUTS	2006	12,092	1.67	20,220	Inshell	1,524.00	30,815,000
	2005	11,340	1.60	18,144	Ton	1,360.00	24,676,000
MISCELLANEOUS	2006	1.		195			883,000
	2005	2.		219			740,000
TOTALS	2006	53,666					\$150,278,000
	2005	52,671					\$195,221,000

1. Includes black walnuts, blueberries, cherries, kiwis, peaches and pecans.
2. Includes apricots, black walnuts, blueberries, cherries, kiwis, peaches and pecans.

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		VALUE		
		UNIT	PER UNIT	TOTAL		
CHRISTMAS TREES	2006		1,800	Each	21.00	\$38,000
	2005		2,000		\$20.00	\$40,000
FIREWOOD	2006		850	Cord	115.00	98,000
	2005		830		110.00	91,000
TIMBER	2006		0	Board Ft	0.00	0
	2005		3,112,000		0.15	476,000
TOTALS	2006					\$136,000
	2005					\$607,000

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2005	2006
Fruit and Nut Crops	\$195,221,000	\$150,278,000
Field Crops	104,258,000	131,684,000
Livestock and Poultry Products	52,621,000	42,746,000
Livestock and Poultry	21,015,000	20,969,000
Seed Crops	9,346,000	12,071,000
Nursery Products	4,582,000	5,659,000
Apiary Products	6,310,000	5,038,000
Vegetable Crops	252,000	433,000
TOTAL AGRICULTURAL PRODUCTION	\$393,605,000	\$368,878,000

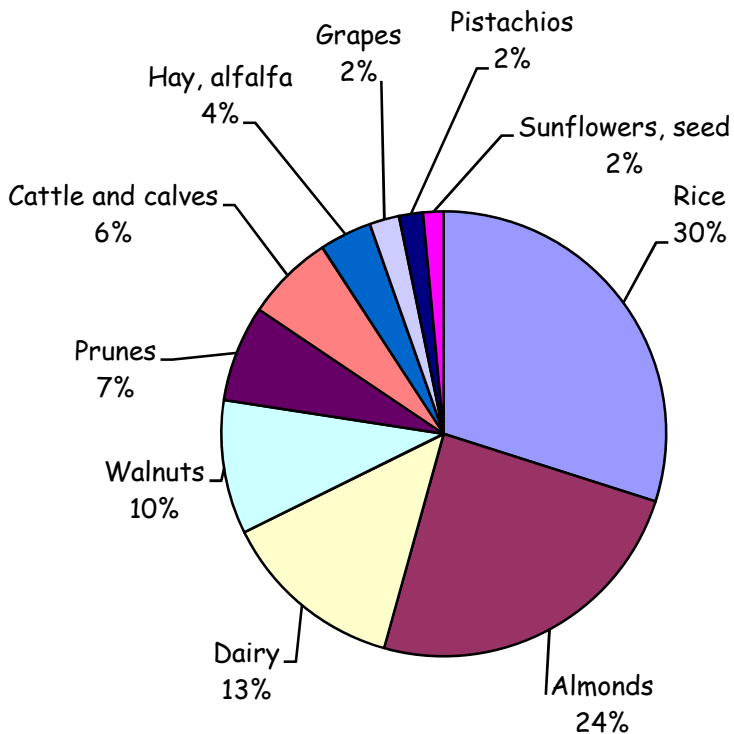
VALUE of FOREST PRODUCTS	2005	2006
Timber	\$476,000	\$0
Firewood	91,000	98,000
Christmas Trees	40,000	38,000
TOTAL FOREST PRODUCTION	\$607,000	\$136,000

GRAND TOTAL ALL PRODUCTION \$394,212,000 **\$369,014,000**

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2006 Value
1) Rice	\$94,717,000
2) Almonds	77,238,000
3) Dairy	42,344,000
4) Walnuts	30,815,000
5) Prunes	22,130,000
6) Cattle and calves	20,227,000
7) Hay, alfalfa	12,022,000
8) Grapes	6,830,000
9) Pistachios	5,496,000
10) Sunflowers, seed	4,730,000

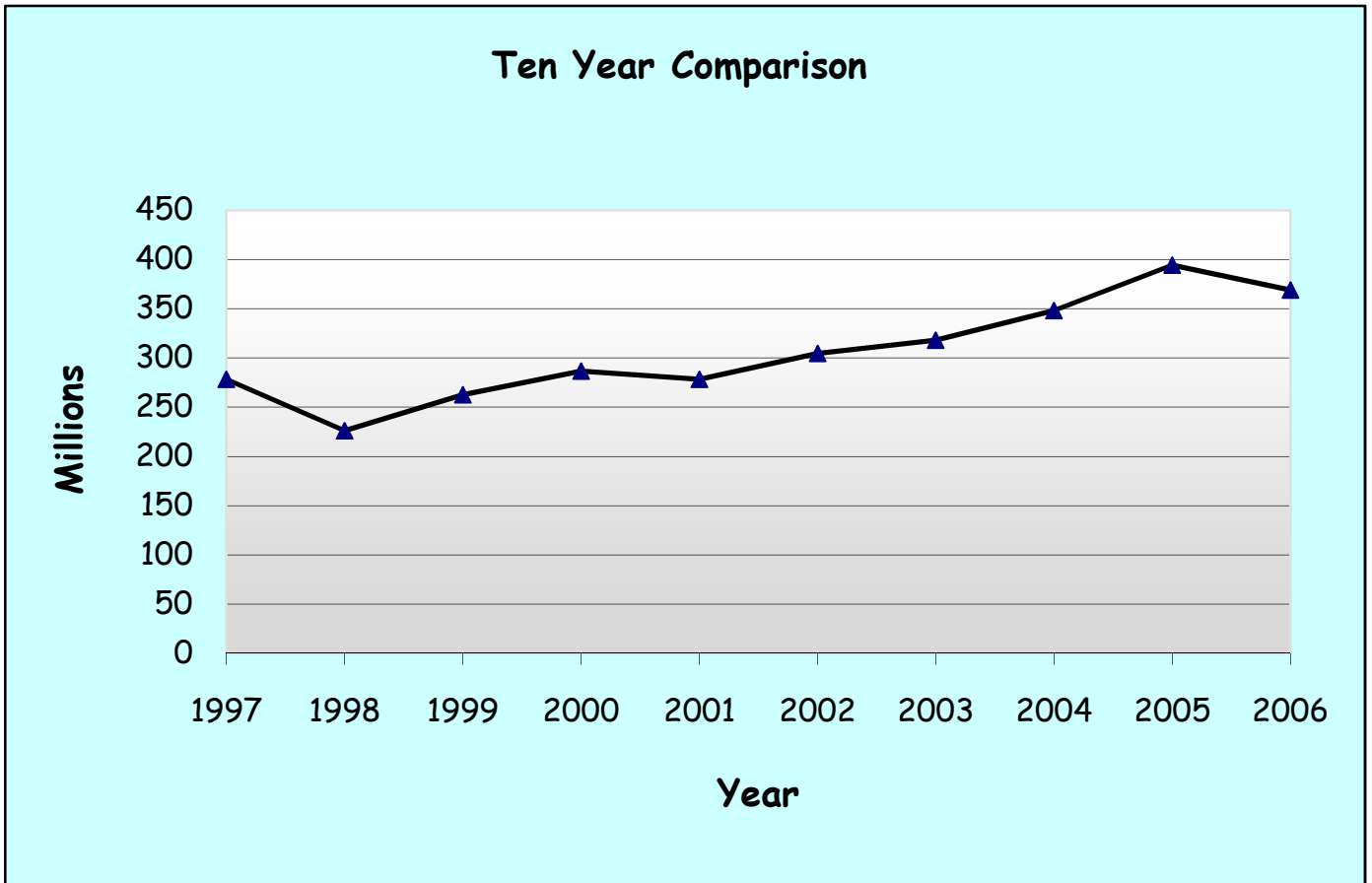
Ten Leading Commodities 2006



TEN YEAR PRODUCTION COMPARISON

1997 - 2006

<u>Year</u>	<u>Grand Total</u>
2006	\$369,014,000
2005	\$394,212,000
2004	\$348,138,000
2003	\$318,042,000
2002	\$304,664,000
2001	\$278,261,000
2000	\$286,741,000
1999	\$262,606,000
1998	\$226,045,000
1997	\$278,276,000



GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

Pest	Control Agent	Program Scope
Ash Whitefly <i>Siphoninus phillyreae</i>	Wasp <i>Encarsia Sp.</i>	Established
	Beetle <i>Clitostethus arcuatus</i>	Established
Italian Thistle <i>Carduus pycnocephalus</i>	Weevil <i>Rhynocyllus conicus</i>	Established
Puncturevine <i>Tribulus terrestris</i>	Stem and Seed Weevils <i>Microlarinus lypriformis</i> <i>Microlarinus lareyniei</i>	Established Established
Yellow Starthistle <i>Centaurea solstitialis</i>	Weevil <i>Bangasternus orientalis</i> <i>Eustenopus villosus</i> <i>Larinus curtus</i>	Established Established 5 Release Sites
	Fly <i>Urophora sirunaseva</i> <i>Chaetorellia australis</i>	Established Established
	Rust <i>Puccinia jaceae</i>	6 Release Sites
Bull Thistle <i>Cirsium vulgare</i>	Fly <i>Urophora stylata</i>	6 Release Sites
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Fly <i>Psyllaphaeus bliteus</i>	1 Release Site

PEST ERADICATION

Pest	Control Agent	Number of Locations
Canada Thistle <i>Cirsium arvense</i>	Chemical/Mechanical	2
Dyer's Woad <i>Isatis tinctoria</i>	Chemical/Mechanical	11
Perennial Pepperweed <i>Lepidium latifolium</i>	Chemical/Mechanical	37
Plumeless Thistle <i>Carduus acanthoides</i>	Chemical/Mechanical	3
Russian Knapweed <i>Acrotilon repens</i>	Chemical	1
Silverleaf Nightshade <i>Solanum elaeagnifolium</i>	Chemical/Mechanical	27
Hoarycress (Whitetop) <i>Cardaria draba</i>	Chemical/Mechanical	10
Purple Starthistle <i>Centaurea calcitrapa</i>	Chemical/Mechanical	1
Diffuse Knapweed <i>Centaurea diffusa</i>	Chemical/Mechanical	1
Klamath Weed <i>Hypericum perforatum</i>	Chemical/Mechanical	4
Barbed Goatgrass <i>Aegilops triuncialis</i>	Chemical/Mechanical	1
Tree of Heaven <i>Ailanthus altissima</i>	Chemical/Mechanical	2

2006 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Shipments Profiled	Number of Shipments Inspected	Rejections
Postal	0	0	
Truck	2,285	168,000	1
Other	14	3,000	

Origin Certification	Number of Inspections
Field Inspections	860
Phyto Certificates Issued	1,239

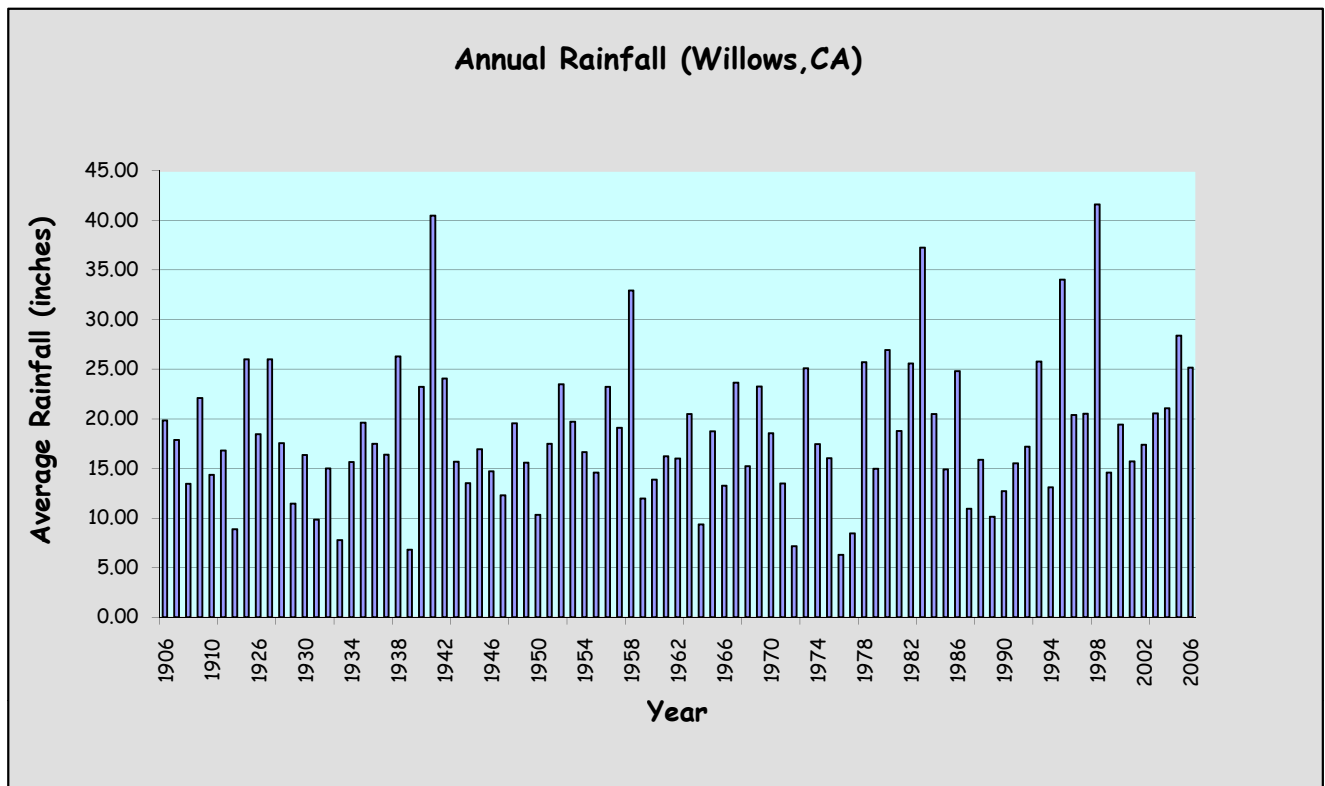
ORGANIC FARMING

Crop	Number of Farms		Acres
	2006	2005	
Almonds	7	6	282
			320
Citrus	7	6	150
			138
Corn	2	1	35
			38
Fruit Trees	6	8	16
			49
Olives	6	5	109
			107
Pasture	6	3	463
			237
Prunes	2	1	30
			30
Rice	15	10	2,303
			2,353
Vegetables/Herbs	5	3	5
			5
Miscellaneous*	19	NA	447
			NA
Totals	75	43	3,843
			3,279

* Includes: barley, blackberries, fallow, grapes, hens, pecans, safflower and wheat

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	2002 - 2003	20.6
1910 - 1911	17.75	1941 - 1942	24.07	1972 - 1973	25.11	2003 - 2004	21.07
1911 - 1912	11.26	1942 - 1943	15.68	1973 - 1974	17.45	2004 - 2005	28.39
1912 - 1913	13.18	1943 - 1944	13.52	1974 - 1975	16.03	2005 - 2006	25.17



STAFF MEMBERS

**Agricultural Commissioner
Sealer of Weights and Measures**

Mark D. Black

**Assistant Agricultural Commissioner
Assistant Sealer of Weights and Measures**

Jean Miller

**Deputy Agricultural Commissioner
Deputy Sealer of Weights and Measures**

Rey M. Lopez

Environmental Biologists:

Bob Birdseye

Lester Messina

Greg Hinton

Tom Wong

Lisa Hunter

Craig Boschi

Jordana Ellis

Support Staff:

Debra Hubbard

Maureen Bailey

Tina Brothers

Jennifer Kline

Dottie LaCroix

Air Pollution Staff:

Kevin Tokunaga

Eric Scott

Ian Ledbetter

Ben Myhre

Candis Woods

Delia Azure

Dana Owens