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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Glenn County

2005-2009

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics, <http://giannini.ucop.edu/>.

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/>. **Please contact the Library to consult the originals.**

GLENN COUNTY

2005

Annual Crop & Livestock Report





William R. Duckworth



John F. B. Tolley

The 2005 crop report is dedicated to both William (Bill) Duckworth and John Tolley.

Bill started in Glenn County in February of 1969 as an Agricultural Inspector I. He quickly moved up and was the Deputy Commissioner in 1974. In December of 2003 he became the Commissioner/Sealer. Bill retired in April of 2005 after 36 years of serving the agriculture industry and community. We miss him and wish him well in all his new adventures.

John started one year after Bill in May of 1970 as an Agricultural Inspector I. He retired 35 years later as an Environmental Biologist 4. He was a tireless worker who never failed to bring joy to the office with a ready smile and quick wit. He is continuing to help our Department out, between hunting and fishing trips, as new staff is bought up to speed. We wish him much success.

Mark Black, Agricultural Commissioner
Sealer of Weights and Measures

Jean Miller, Assistant Commissioner
Assistant Sealer of Weights & Measures

TO: A. G. Kawamura, Secretary		The Honorable Board of Supervisors
State of California	and	Chairman: Keith Hansen District 5
Department of Food and Agriculture		Denny Bungarz District 1
		Gary Freeman District 2
		Tom McGowan District 4
		John Amaro District 3

I am pleased to submit the 2005 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.

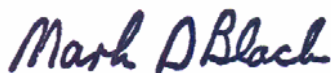
Agriculture continues to be the county's major industry. The 2005 gross production of agricultural commodities was valued at \$393,605,000. This represents an increase of 12 percent from the 2004 gross production value of \$347,896,000.

For the first time since the 1930s, rice is not the number one leading commodity. Almonds have taken the lead with a production value of \$134,541,000. This is a 42% jump from 2004 due to a significant increase in value per ton and a slight increase in production. Walnuts and prunes also showed an increase in value but olives and pistachios have declined due to their alternate bearing characteristic. Dairy and cattle & calves saw a decrease in total value but still hold the #3 and #4 spot with an 8% and a 2% percent decrease respectively. Another notable increase was the timber value. 2005 production was \$476,000 versus a 2004 value of \$131,000. The cost of pollination of almonds was almost double of what it was in 2004.

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 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	2005	2,267	1.05	2,380	Ton	\$700.00	\$1,666,000
	2004	374	1.25	468		\$740.00	\$346,000
BARLEY	2005	5,639	2.10	11,842	Ton	100.50	1,190,000
	2004	5,962	3.00	17,886		112.00	2,003,000
CORN	2005	10,353	5.33	55,181	Ton	96.00	5,297,000
	2004	12,155	6.30	76,577		95.00	7,275,000
COTTON, LINT	2005	2,591	2.89	7,488	500 lb.	335.00	2,508,000
	2004	1,992	3.27	6,514		340.00	2,215,000
COTTON, SEED	2005			3,121	Ton	163.00	509,000
	2004			2,714		180.00	489,000
HAY, ALFALFA	2005	10,506	6.60	69,340	Ton	115.00	7,974,000
	2004	15,247	7.60	115,877		98.00	11,356,000
HAY, OTHER	2005	3,596	2.90	10,428	Ton	86.00	897,000
	2004	6,200	3.00	18,600		65.00	1,209,000
HAY, SUDANGRASS	2005	0			Ton		0
	2004	248	5.50	1,364		85.00	116,000
PASTURE, IRRIGATED	2005	7,797			Acres	160.00	1,248,000
	2004	10,135				165.00	1,672,000
RANGE	2005	230,000			Acres	7.00	1,610,000
	2004	230,000				7.00	1,610,000
RICE, PADDY	2005	88,876	3.65	324,398	Ton	236.00	76,558,000
	2004	86,017	4.60	395,670		210.00	83,092,000
SAFFLOWER	2005	205	1.30	267	Ton	242.00	65,000
	2004	146	0.91	133		340.00	45,000
SILAGE, CORN	2005	1,115	30.25	33,729	Ton	33.00	1,113,000
	2004	4,817	35.00	168,595		36.00	6,069,000
WHEAT	2005	5,019	2.20	11,042	Ton	102.00	1,126,000
	2004	8,184	2.30	18,823		109.00	2,052,000
MISCELLANEOUS	2005	16,149					2,497,000
	2004	5,140					152,000
TOTALS	2005	384,113					\$104,258,000
	2004	386,617				** Includes USDA Support Price	\$119,701,000

APIARY CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2005	5,000			\$0.00	\$0
	2004	5,000	Lbs		\$0.00	\$0
HONEY	2005	120,000			0.00	0
	2004	120,000	Lbs		0.00	0
PACKAGED BEES	2005	116,000			11.25	1,305,000
	2004	117,000	Lbs		10.00	1,170,000
POLLINATION	2005					3,355,000
	2004					1,869,000
QUEEN BEES	2005	132,000			12.50	1,650,000
	2004	133,000	Each		10.00	1,330,000
TOTALS	2005					\$6,310,000
	2004					\$4,369,000

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2005	1,138	1,998	2,273,724		\$0.40	\$909,000
	2004	1,275	1,574	2,006,990	Lbs	\$0.38	\$762,000
CLOVER, ALL	2005	1,038	393	407,934		1.33	543,000
	2004	704	400	281,600	Lbs	1.40	394,000
RICE	2005	2,633	7,300	19,220,900		0.12	2,307,000
	2004	2,865	9,000	25,785,000	Lbs	0.08	2,063,000
SUNFLOWER	2005	6,915	745	5,151,675		0.65	3,349,000
	2004	4,555	1,125	5,126,017	Lbs	0.58	2,973,000
VINE CROPS	2005	2,000					1,953,000
	2004	2,916					2,479,000
OTHER SEED	2005	148					285,000
	2004	334					201,000
TOTALS	2005	13,872					\$9,346,000
	2004	12,649					\$8,872,000

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
TOTALS	2005	93					\$252,000
	2004	126					\$376,000

LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
CATTLE and CALVES	2005	32,807	224,632	Cwt	\$89.52	\$20,109,000
	2004	34,766	240,247		\$86.00	\$20,611,000
SHEEP and LAMBS	2005	7,212	7,428	Cwt	98.90	734,000
	2004	7,435	7,658		90.40	692,000
HOGS and PIGS	2005	1,881	3,386	Cwt	50.70	172,000
	2004	1,758	3,164		49.50	157,000
POULTRY	2005	Included under Livestock and Poultry Products to protect individual operations.				
	2004					
TOTALS	2005					\$21,015,000
	2004					\$21,460,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: Market	2005	3,438,515	Cwt	\$13.89	\$47,761,000	
	2004	3,559,463		\$14.51	\$51,645,000	
MILK: Manufacturing	2005	302,026	Cwt	14.80	4,470,000	
	2004	320,543		15.20	4,872,000	
WOOL	2005	73,058	Lbs	0.86	63,000	
	2004	75,671		0.82	62,000	
MISCELLANEOUS	2005					327,000
	2004					361,000
TOTALS	2005					\$52,621,000
	2004					\$56,940,000

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2005	321	\$4,582,000
	2004	342	\$5,006,000

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	PRODUCTION			VALUE		
		Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2005	28,001	0.78	21,841	Meat	\$6,160.00	\$134,541,000
	2004	28,729	0.68	19,268	Ton	\$4,040.00	\$77,847,000
ALMOND HULLS	2005			27,301	Ton	75.00	2,048,000
	2004			24,131		72.50	1,750,000
CITRUS	2005	521	4.22	2,199	Ton	741.00	1,629,000
	2004	521	8.06	4,199		324.00	1,361,000
GRAPES	2005	1,227	10.78	13,227	Ton	591.33	7,822,000
	2004	1,287	9.37	12,059		604.00	7,284,000
OLIVES	2005	3,591	3.50	12,569	Ton	585.00	7,353,000
	2004	4,180	5.10	21,318		515.00	10,979,000
PISTACHIOS	2005	943	0.61	575	Inshell	3,600.00	2,070,000
	2004	998	1.44	1,437	Ton	2,520.00	3,618,000
PRUNES	2005	6,829	1.50	10,244	Dry	1,400.00	14,342,000
	2004	6,870	0.98	6,732	Ton	1,398.00	9,412,000
WALNUTS	2005	11,340	1.60	18,144	Inshell	1,360.00	24,676,000
	2004	10,366	1.54	15,963	Ton	1,149.00	18,341,000
MISCELLANEOUS	2005	219					740,000
	2004	253					570,000
TOTALS	2005	52,671					\$195,221,000
	2004	52,812					\$131,122,000

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		VALUE		
			UNIT	PER UNIT	TOTAL	
CHRISTMAS TREES	2005	2,000	Each	\$20.00	\$40,000	
	2004	1,900		\$20.00	\$38,000	
FIREWOOD	2005	830	Cord	110.00	91,000	
	2004	810		90.00	73,000	
TIMBER	2005	3,112,000	Board Ft	0.15	476,000	
	2004	814,000		0.16	131,000	
TOTALS	2005				\$607,000	
	2004				\$242,000	

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2004	2005
Fruit and Nut Crops	\$131,122,000	\$195,221,000
Field Crops	119,701,000	104,258,000
Livestock and Poultry Products	56,940,000	52,621,000
Livestock and Poultry	21,510,000	21,015,000
Seed Crops	8,872,000	9,346,000
Apiary Products	4,369,000	6,310,000
Nursery Products	5,006,000	4,582,000
Vegetable Crops	376,000	252,000
TOTAL AGRICULTURAL PRODUCTION	\$347,896,000	\$393,605,000

VALUE of FOREST PRODUCTS	2004	2005
Timber	\$131,000	\$476,000
Firewood	73,000	91,000
Christmas Trees	38,000	40,000
TOTAL FOREST PRODUCTION	\$242,000	\$607,000

GRAND TOTAL ALL PRODUCTION \$348,138,000 **\$394,212,000**

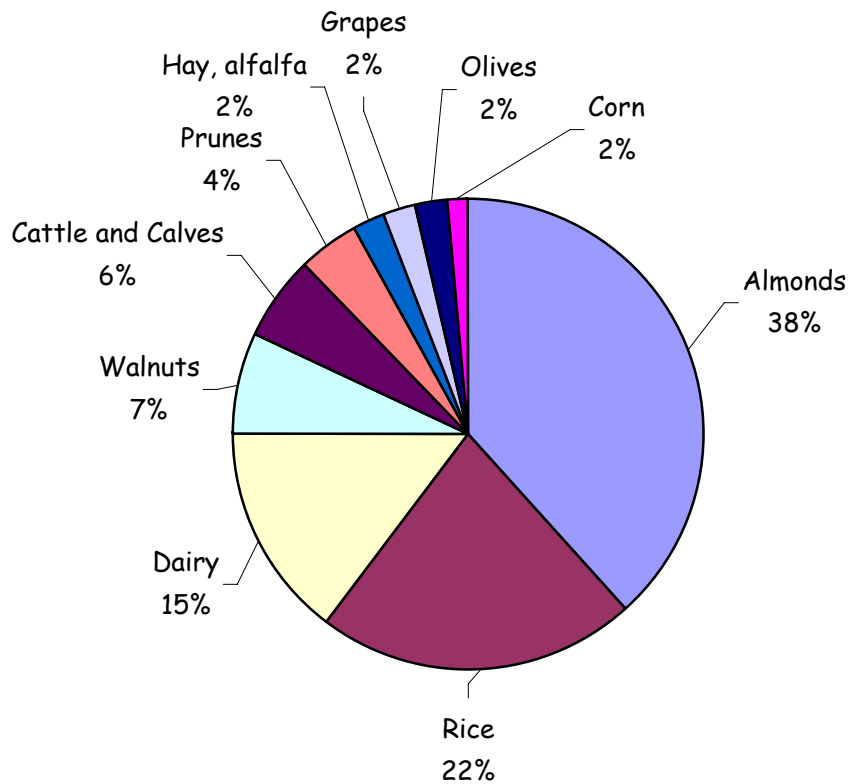
GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity

2005 Value

1) Almonds	\$134,541,000
2) Rice	76,558,000
3) Dairy	52,231,000
4) Walnuts	24,676,000
5) Cattle and Calves	20,109,000
6) Prunes	14,342,000
7) Hay, alfalfa	7,974,000
8) Grapes	7,822,000
9) Olives	7,353,000
10) Corn	5,297,000

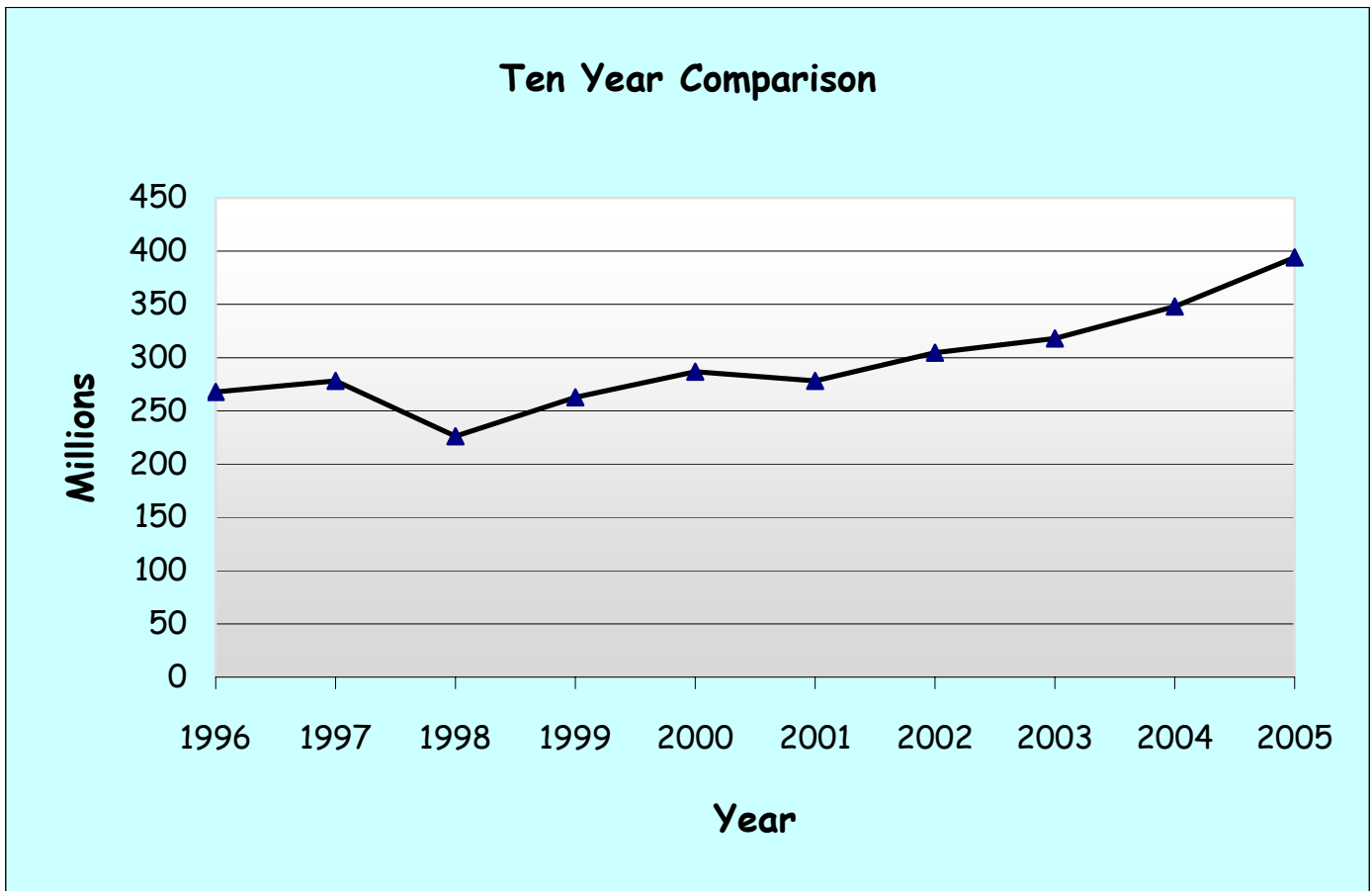
Ten Leading Commodities 2005



TEN YEAR PRODUCTION COMPARISON

1996 - 2005

<u>Year</u>	<u>Grand Total</u>
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
1996	\$267,875,000



GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

Pest	Control Agent	Program Scope
Ash Whitefly <u><i>Siphoninus phillyreae</i></u>	Wasp <u><i>Encarsia Sp.</i></u>	Established
	Beetle <u><i>Clitostethus arcuatus</i></u>	Established
Italian Thistle <u><i>Carduus pycnocephalus</i></u>	Weevil <u><i>Rhynocyllus conicus</i></u>	Established
Puncturevine <u><i>Tribulus terrestris</i></u>	Stem and Seed Weevils <u><i>Microlarinus lypriformis</i></u> <u><i>Microlarinus lareyniei</i></u>	Established Established
Yellow Starthistle <u><i>Centaurea solstitialis</i></u>	Weevil <u><i>Bangasternus orientalis</i></u> <u><i>Eustenopus villosus</i></u> <u><i>Larinus curtus</i></u>	Established Established 5 Release Sites
	Fly <u><i>Urophora sirunaseva</i></u> <u><i>Chaetorellia australis</i></u>	Established Established
	Rust <u><i>Puccinia jaceae</i></u>	3 Release Sites
Bull Thistle <u><i>Cirsium vulgare</i></u>	Fly <u><i>Urophora stylata</i></u>	6 Release Sites
Red Gum Lerp Psyllid <u><i>Glycaspis brimblecombei</i></u>	Fly <u><i>Psyllaphaeus bliteus</i></u>	1 Release Site

PEST ERADICATION

Pest	Control Agent	Number of Locations
Canada Thistle <u><i>Cirsium arvense</i></u>	Chemical/Mechanical	1
Dyer's Woad <u><i>Isatis tinctoria</i></u>	Chemical/Mechanical	11
Perennial Pepperweed <u><i>Lepidium latifolium</i></u>	Chemical/Mechanical	35
Plumeless Thistle <u><i>Carduus acanthoides</i></u>	Chemical/Mechanical	3
Russian Knapweed <u><i>Acroptilon repens</i></u>	Chemical	1
Silverleaf Nightshade <u><i>Solanum elaeagnifolium</i></u>	Chemical/Mechanical	26
Hoarycress (Whitetop) <u><i>Cardaria draba</i></u>	Chemical/Mechanical	10
Purple Starthistle <u><i>Centaurea calcitrapa</i></u>	Chemical/Mechanical	2
Diffuse Knapweed <u><i>Centaurea diffusa</i></u>	Chemical/Mechanical	1
Klamath Weed <u><i>Hypericum perforatum</i></u>	Chemical/Mechanical	4
Barbed Goatgrass <u><i>Aegilops triuncialis</i></u>	Chemical/Mechanical	1
Tree of Heaven <u><i>Ailanthus altissima</i></u>	Chemical/Mechanical	2

2005 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Shipments Profiled	Number of Shipments Inspected	Rejections
Postal	0	0	
Truck	138	9,857	1
Other	5	1,230	

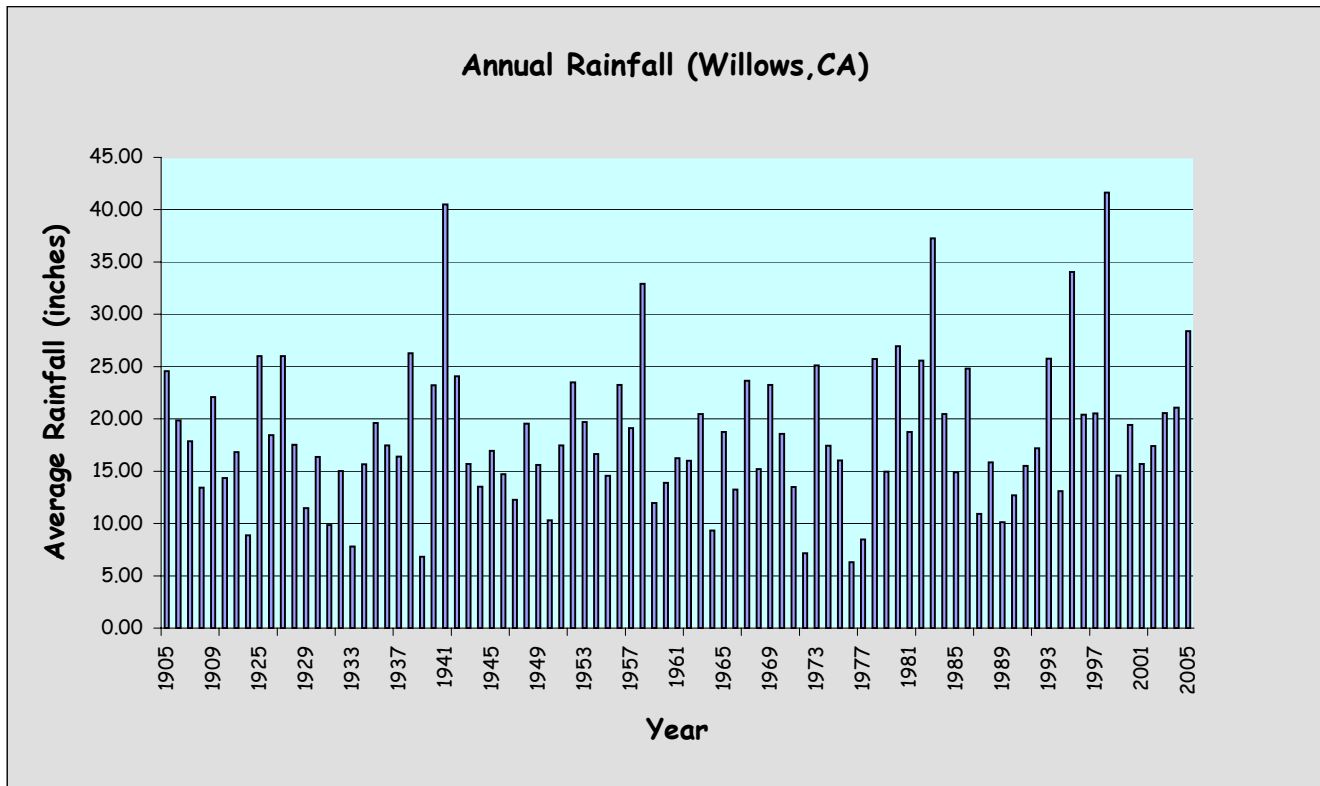
Origin Certification	Number of Inspections
Field Inspections	639
Phyto Certificates Issued	878

ORGANIC FARMING

Crop	Number of Farms	Acres
Almonds	6	320
Citrus	6	138
Corn	1	38
Fruit Trees	8	49
Olives	5	109
Pasture	3	237
Prunes	1	30
Rice	10	2,353
Vegetables/Herbs	3	5
Totals	43	3,279

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	2002 - 2003	20.56
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



STAFF MEMBERS

Agricultural Commissioner Sealer of Weights and Measures

W. R. Duckworth/ Mark D. Black

Assistant Agricultural Commissioner Assistant Sealer of Weights and Measures

Mark D. Black/ Jean Miller

Deputy Agricultural Commissioner

Rey M. Lopez

Environmental Biologists:

John F. B. Tolley

Jean Miller

Bob Birdseye

Lester Messina

Greg Hinton

Justin Nunes

Tom Wong

Lisa Hunter

Support Staff:

Debra Hubbard

Maureen Bailey

Tina Brothers

Jennifer Kline

Air Pollution Staff:

Kevin Tokunaga

Rick Steward

Ben Myhre

Candis Woods

Delia Azure

Dana Owens

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

1

1

2

2

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

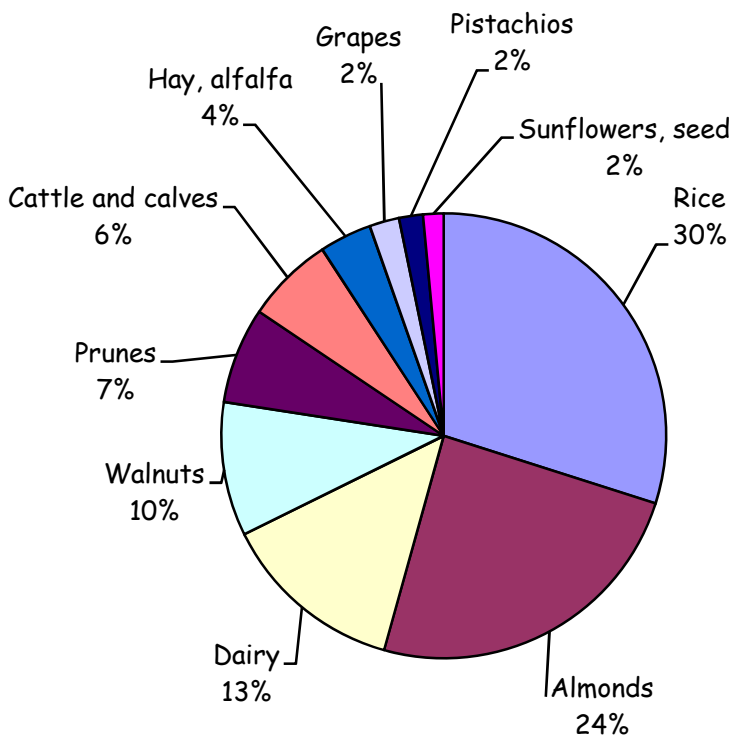
VALUE of FOREST PRODUCTS	2005	2006
Timber	\$476,000	\$0
Firewood	91,000	98,000
Christmas Trees	40,000	38,000
TOTAL FOREST PRODUCTION	\$607,000	\$136,000

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

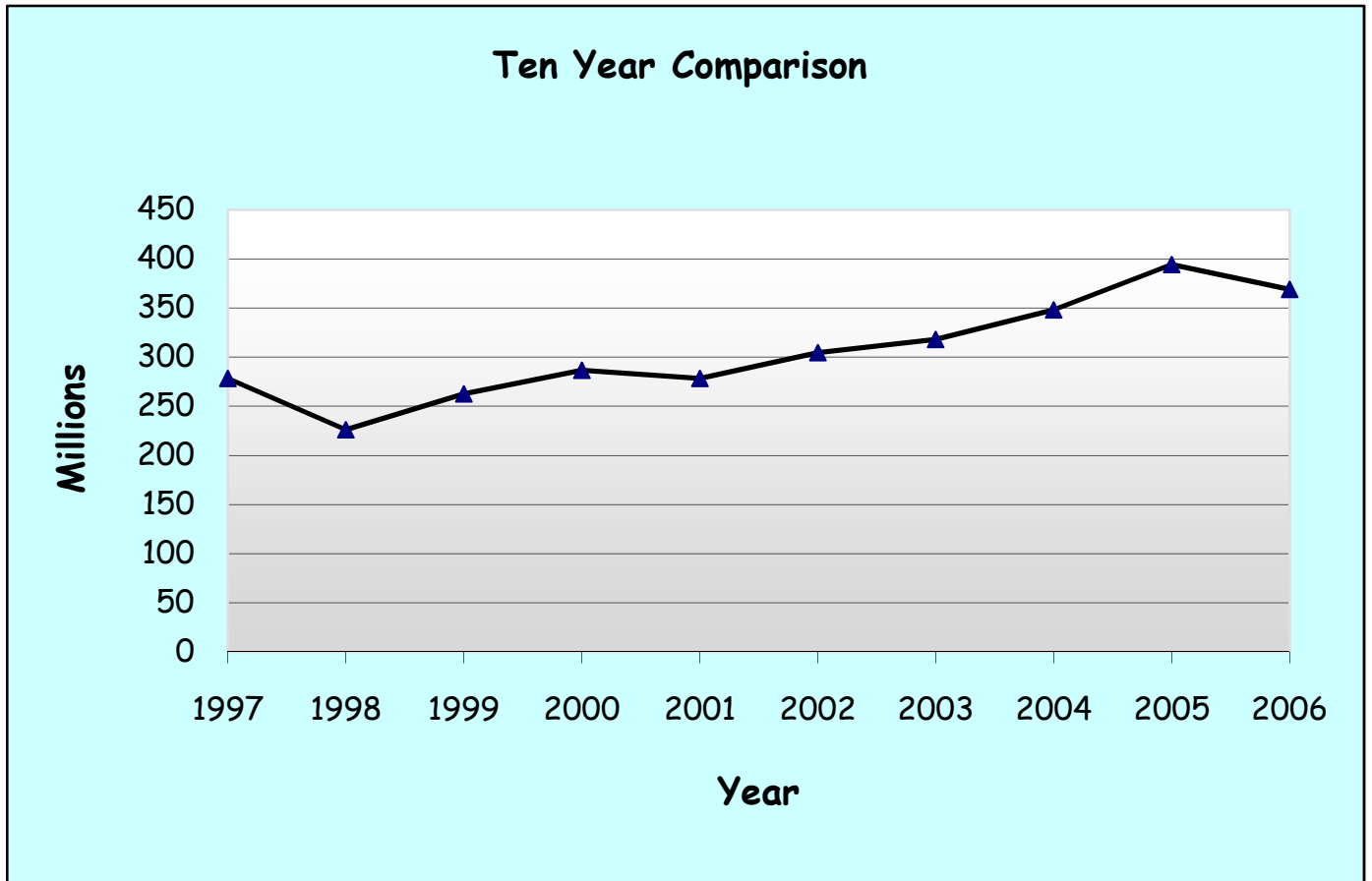
Ten Leading Commodities 2006



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>Psyllaphaegus 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>Acroptilon 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

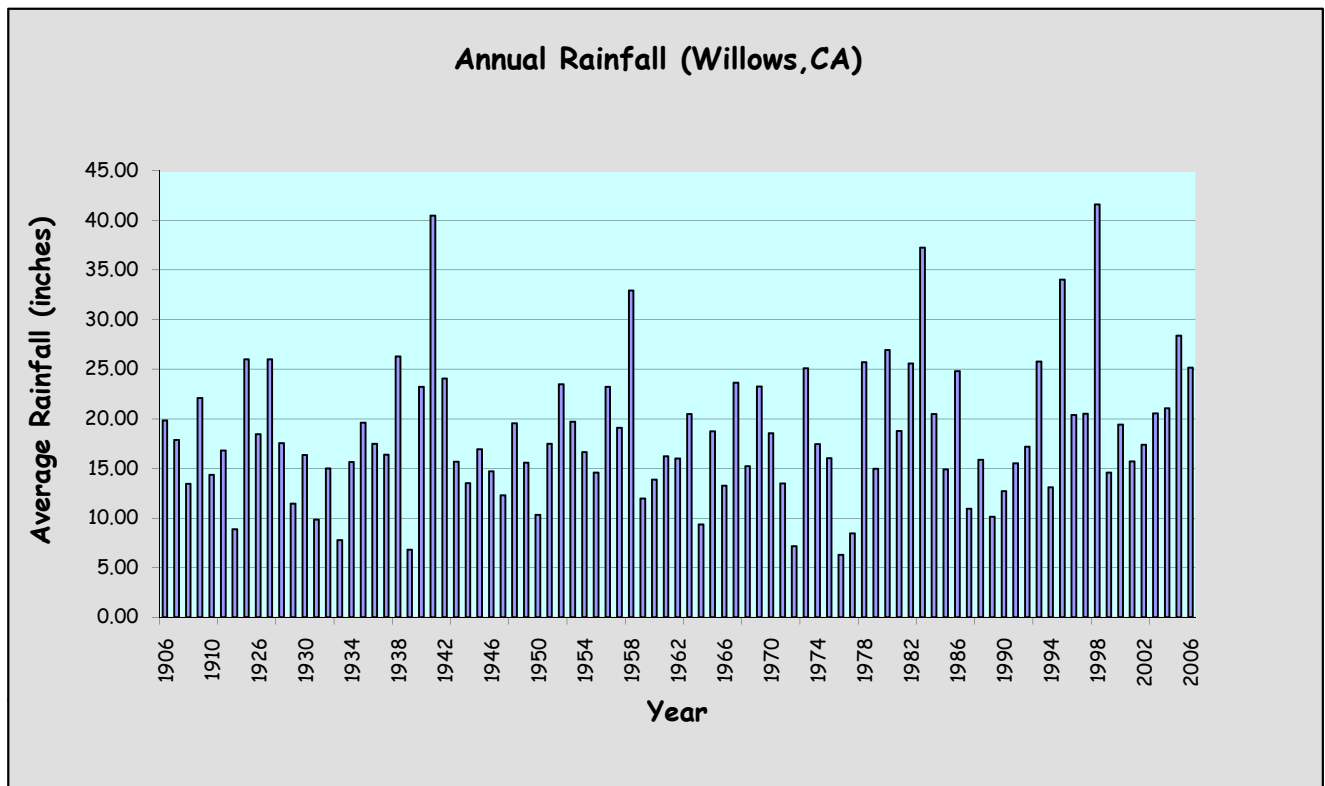
ORGANIC FARMING

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

GLENN COUNTY

2007

Annual Crop & Livestock Report



Almonds in Glenn County by Lisa
Hunter and 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 (dark part of map below) and 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. Major commodities include rice, almonds, dairies, walnuts and prunes.

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.



Bob Birdseye inspecting bee hives for colony strength, American foulbrood and small hive beetle.

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: Michael Murray District 4
Tom McGowan District 1
Tracy Quarne District 2
John Amaro District 3
Keith Hansen District 5

I am pleased to submit the 2007 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 2007 gross production of agricultural commodities was valued at \$493,324,000. This represents an increase of 34 percent from the 2006 gross production value of \$368,878,000.

Almonds captured the lead this year as the number one commodity with a total value of \$109,918,000. Rice is in the number two spot with a value of \$106,039,000. Rice and almonds represent 51% of the top 10 commodities for 2007.

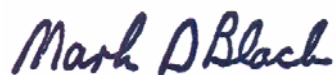
Corn and wheat both had a significant increase in acreage and value and corn is back in the top ten list. Milk increased notably due to its higher value. Olives rebounded vigorously from the devastating weather experienced in 2006.

Many different seed crops are grown in Glenn County, especially sunflowers. The acreage was down by 25% overall due to the increase in corn and wheat acreage.

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	2007	3,033	1.55	4,701	Ton	\$840.00	\$3,949,000
	2006	2,153	1.37	2,950		\$780.00	\$2,301,000
BARLEY	2007	1,175	1.40	1,645	Ton	170.00	280,000
	2006	2,118	1.80	3,812		104.00	396,000
CORN	2007	12,068	5.64	68,064	Ton	151.00	10,278,000
	2006	6,260	5.22	32,677		126.00	4,117,000
COTTON, LINT	2007	2,768	3.27	9,051	500 lb.	350.00	3,168,000
	2006	3,070	3.30	10,131		345.00	3,495,000
COTTON, SEED	2007			3,231	Ton	210.00	679,000
	2006			4,221		180.00	760,000
HAY, ALFALFA	2007	16,008	7.29	116,698	Ton	135.00	15,754,000
	2006	16,345	5.98	97,743		123.00	12,022,000
HAY, OTHER	2007	2,909	2.50	7,273	Ton	125.00	909,000
	2006	6,418	2.78	17,842		81.00	1,445,000
PASTURE, IRRIGATED	2007	8,194			Acres	155.00	1,270,000
	2006	7,080				155.00	1,097,000
RANGE	2007	230,000			Acres	10.00	2,300,000
	2006	230,000				10.00	2,300,000
RICE, PADDY	2007	82,668	4.29	354,646	Ton	299.00	106,039,000
	2006	82,436	4.06	334,690		283.00	94,717,000
SAFFLOWER	2007	221	1.02	225	Ton	364.00	82,000
	2006	306	0.61	187		320.00	60,000
SILAGE, CORN	2007	5,220	28.95	151,119	Ton	29.00	4,382,000
	2006	4,990	29.19	145,658		22.00	3,204,000
WHEAT	2007	10,019	3.26	32,662	Ton	162.00	5,291,000
	2006	6,389	1.66	10,605		137.00	1,453,000
MISCELLANEOUS	2007	20,323	Includes sorghum, organic rice, and straw from				5,667,000
	2006	11,584	barley, oats, rice and wheat.				4,317,000
TOTALS	2007	394,606					\$160,048,000
	2006	383,449					\$131,684,000

1 714 pounds of seed/bale

2 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals 1; rental @ \$25/AUM

3 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals .07; rental @ \$17/AUM

4 Includes USDA Support Price

APIARY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2007	0			\$0.00	\$0
	2006	2,000	Lbs		\$1.00	\$2,000
HONEY	2007	0			0.00	0
	2006	89,600	Lbs		0.80	72,000
PACKAGED BEES	2007	140,050			11.80	1,652,000
	2006	96,000	Lbs		9.75	936,000
POLLINATION	2007					2,699,000
	2006					2,300,000
QUEEN BEES	2007	148,600			14.00	2,080,000
	2006	128,000	Each		13.50	1,728,000
TOTALS	2007					\$6,431,000
	2006					\$5,038,000

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	PRODUCTION			VALUE		
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
BEANS	2007	473	1,916	906,367		\$0.45	\$408,000	
	2006	1,318	1,985	2,616,230	Lbs	\$0.40	\$1,046,000	
CLOVER, ALL	2007	441	538	237,258		1.01	240,000	
	2006	425	393	167,025	Lbs	1.33	222,000	
RICE	2007	2,044	9,014	18,424,616		0.17	3,132,000	
	2006	2,972	8,520	25,321,440	Lbs	0.15	3,798,000	
SUNFLOWER	2007	3,456	1,101	3,805,056		0.93	3,539,000	
	2006	4,120	736	3,032,320	Lbs	1.56	4,730,000	
VINE CROPS	2007	1,251	Includes cucumbers, melons, gourds, pumpkins, squash					1,165,000
	2006	1,448	and watermelons					1,590,000
OTHER SEED	2007	203	Includes broccoli, carrots, chard, Chinese cabbage,					881,000
	2006	146	kale, okra, onions and Swiss chard					685,000
TOTALS	2007	7,868					\$9,365,000	
	2006	10,429					\$12,071,000	

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	PRODUCTION			VALUE		
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
TOTALS	2007	343	Includes cucumbers, eggplant, melons, onion bulbs,					\$798,000
	2006	176	peppers, pumpkins, squash, strawberries, sweet corn,					\$433,000
			tomatoes (fresh and processed) and watermelons					

LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE		
					PER UNIT	TOTAL	
CATTLE and CALVES	2007	31,833	217,418		\$86.20	\$18,750,000	
	2006	32,575	225,581	Cwt	\$89.66	\$20,226,000	
SHEEP and LAMBS	2007	6,643	6,842		90.50	619,000	
	2006	6,779	6,982	Cwt	84.00	587,000	
HOGS and PIGS	2007	1,931	3,476		48.80	170,000	
	2006	1,806	3,251	Cwt	47.90	156,000	
POULTRY	2007	Included under Livestock and Poultry Products to protect individual operations.					
	2006						
TOTALS	2007						\$19,539,000
	2006						\$20,969,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: Market	2007	3,697,237		\$18.22	\$67,364,000	
	2006	3,316,092	Cwt	\$11.61	\$38,500,000	
MILK: Manufacturing	2007	251,263		18.92	4,754,000	
	2006	301,489	Cwt	12.75	3,844,000	
WOOL	2007	67,294		0.85	57,000	
	2006	69,824	Lbs	0.94	66,000	
MISCELLANEOUS	2007					353,000
	2006					336,000
TOTALS	2007					\$72,528,000
	2006					\$42,746,000

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2007	337	\$5,548,000
	2006	379	\$5,659,000

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	2007	29,717	0.96	28,528	Meat	\$3,850	\$109,918,000	
	2006	28,292	0.65	18,390	Ton	\$4,200	\$77,238,000	
ALMOND HULLS	2007			35,660	Ton	90	3,209,000	
	2006			22,762		75	1,707,000	
CITRUS	2007	452	7.20	3,254	Ton	1,100	3,580,000	
	2006	521	2.80	1,459		750	1,094,000	
GRAPES	2007	1,263	8.40	10,609	Ton	301	3,193,000	
	2006	1,307	8.88	11,615		588	6,830,000	
OLIVES	2007	3,752	6.60	24,763	Ton	803	19,885,000	
	2006	3,516	1.44	5,063		805	4,076,000	
PISTACHIOS	2007	1,043	1.83	1,909	Inshell	3,580	6,834,000	
	2006	943	1.55	1,462	Ton	3,759	5,496,000	
PRUNES	2007	6,715	2.60	17,459	Dry	1,490	26,031,000	
	2006	6,800	2.25	15,300	Ton	1,447	22,139,000	
WALNUTS	2007	13,415	1.55	20,794	Inshell	2,050	42,628,000	
	2006	12,092	1.67	20,220	Ton	1,524	30,815,000	
MISCELLANEOUS	2007	563	Includes apricots, black walnuts, blueberries, cherries,					3,789,000
	2006	195	kiwis, olive oil, peaches and pecans.					883,000
TOTALS	2007	56,920					\$219,067,000	
	2006	53,666					\$150,278,000	

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		VALUE		
		UNIT	PER UNIT	TOTAL		
CHRISTMAS TREES	2007		1,900	Each	\$21.00	\$40,000
	2006		1,800		\$21.00	\$38,000
FIREWOOD	2007		870	Cord	120.00	140,000
	2006		850		115.00	98,000
TIMBER	2007		2,086,000	Board Ft	0.18	380,000
	2006		0		0.00	
TOTALS	2007					\$560,000
	2006					\$136,000

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2006	2007
Fruit and Nut Crops	\$150,278,000	\$219,067,000
Field Crops	131,684,000	160,048,000
Livestock and Poultry Products	42,746,000	72,528,000
Livestock and Poultry	20,969,000	19,539,000
Seed Crops	12,071,000	9,365,000
Apiary Products	5,038,000	6,431,000
Nursery Products	5,659,000	5,548,000
Vegetable Crops	433,000	798,000
TOTAL AGRICULTURAL PRODUCTION	\$368,878,000	\$493,324,000

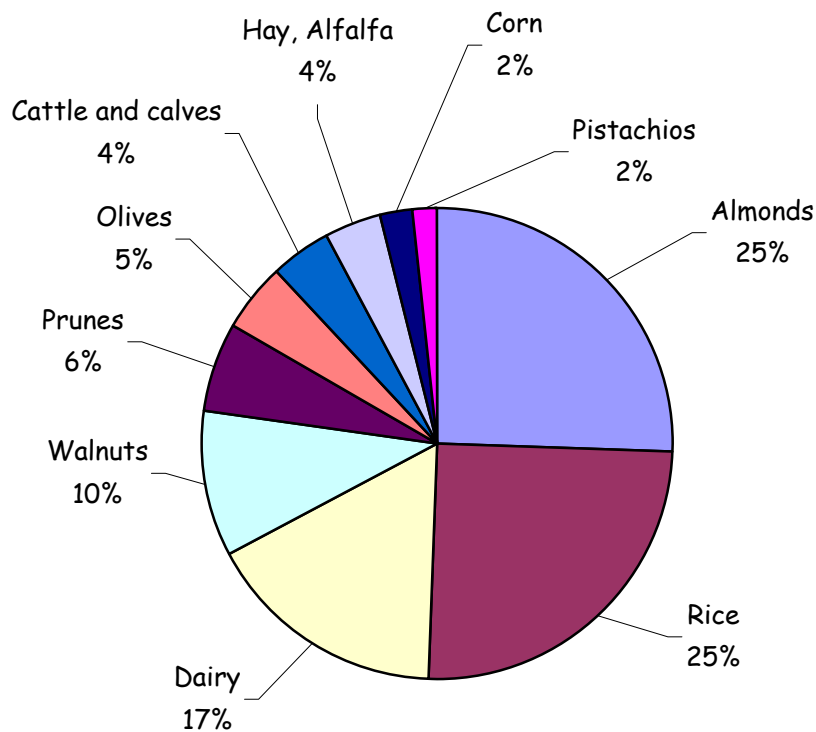
VALUE of FOREST PRODUCTS	2006	2007
Timber	\$0	\$380,000
Firewood	98,000	140,000
Christmas Trees	38,000	40,000
TOTAL FOREST PRODUCTION	\$136,000	\$560,000

GRAND TOTAL ALL PRODUCTION \$369,014,000 **\$493,884,000**

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2007 Value
1) Almonds	\$109,918,000
2) Rice	106,039,000
3) Dairy	72,118,000
4) Walnuts	42,628,000
5) Prunes	26,031,000
6) Olives	19,885,000
7) Cattle and calves	18,750,000
8) Hay, Alfalfa	15,754,000
9) Corn	10,278,000
10) Pistachios	6,834,000

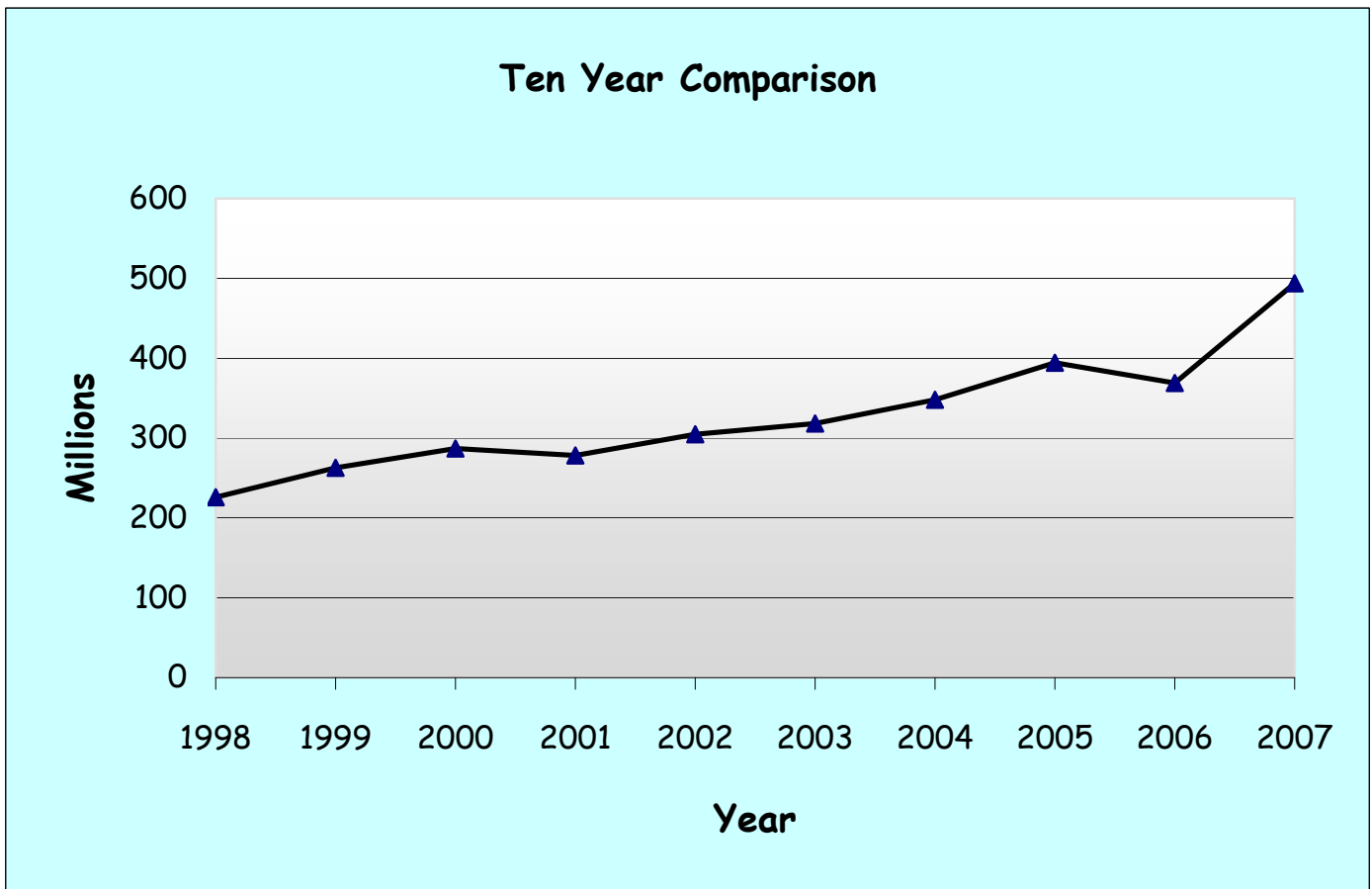
Ten Leading Commodities 2007



TEN YEAR PRODUCTION COMPARISON

1998 - 2007

<u>Year</u>	<u>Grand Total</u>
2007	\$493,884,000
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



2007 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Shipments Profiled	Number of Shipments Inspected	Rejections
Postal	0	0	
Truck	63	16,724	1
Other	104	2,952	

Origin Certification	Number of Inspections
Field Inspections	844
Phyto Certificates Issued	1,431

ORGANIC FARMING

Crop	Number of Farms		Acres
	2007	2006	
Almonds	7	7	271
		7	282
Citrus	8	7	112
		7	150
Corn	1	2	35
		2	35
Fruit Trees	5	6	13
		6	16
Olives	5	6	102
		6	109
Pasture	7	6	493
		6	463
Prunes	1	2	30
		2	30
Rice	17	15	2,530
		15	2,303
Vegetables/Herbs	4	5	6
		5	5
Dairy/Livestock	2	n/a	n/a
		n/a	n/a
Miscellaneous*	14	19	1,125
		19	447
Totals	57	75	4,717
		75	3,843

* Includes: wheat, forage, pecan, walnut, rygrass, safflower, wild rice and fallow ground.
There are 47 registered growers and 2 registered handlers in Glenn County.

GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

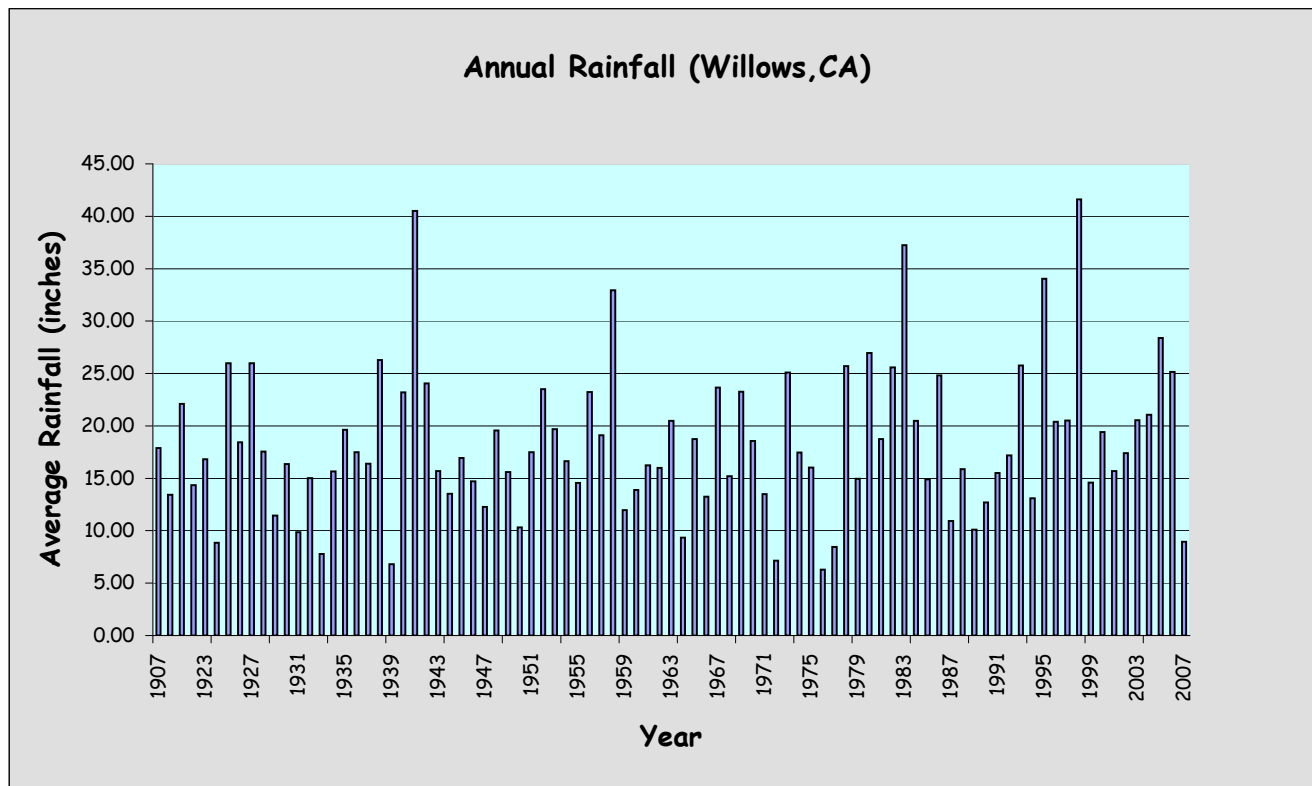
Pest	Control Agent	Program Scope
Ash Whitefly <i>Siphoninus phillyreae</i>	Wasp <i>Encarsia Sp.</i>	Established
	Beetle <i>Clitostethus arcuatus</i>	Established
Italian Thistle <i>Carduus pycnocephalus</i>	Weevil <i>Rhynchocyllus conicus</i>	Established
Puncturevine <i>Tribulus terrestris</i>	Stem and 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>	Established Established
	Fly <i>Urophora sirunaseva</i> <i>Chaetorellia australis</i>	Established Established
	Rust <i>Puccinia jaceae</i>	3 Release Sites
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Fly <i>Psyllaphaeus bliteus</i>	Established

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	38
Plumeless Thistle <i>Carduus acanthoides</i>	Chemical/Mechanical	3
Russian Knapweed <i>Acroptilon 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

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	20.56
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
1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30	2006 - 2007	8.93



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

GLENN COUNTY

2008

Annual Crop & Livestock Report



Rice in Glenn County

Dedication

The 2008 Crop and Livestock Report is dedicated to Bob Birdseye who retired on December 31, 2008. He joined the Glenn County Agricultural Commissioner's office in 1993 as a Biologist Aide and rose to the position of Environmental Biologist 4. He was our key apiary specialist and has started his own apiary business so he can continue to work with bees. We miss him and wish him well in his new adventures and thank him for the great banana bread he bakes and brings to us- warm from the oven.



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 (dark part of map below) and the Sacramento River is located on the east. Interstate 5 runs north and south through the middle of this rich farm land. The population of Glenn County is slightly over 29,000 and the two major cities, Willows and Orland, lie along Interstate 5.

With over 1,000 farms, agriculture remains the primary source of Glenn County's economy. Major commodities include rice, almonds, dairies, walnuts and prunes.

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.



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: Michael Murray District 4
John Viegas District 1
Tracy Quarne District 2
Steve Soeth District 3
Leigh McDaniel District 5

I am pleased to submit the 2008 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 2008 gross production of agricultural commodities was valued at \$558,467,000. This represents an increase of 13 percent from the 2007 gross production value of \$493,324,000.

Rice returned to the lead this year as the number one commodity with a total value of \$193,089,000. Almonds are in the number two spot with a value of \$87,931,000. Rice and almonds represent 59% of the top 10 commodities for 2008.

The almond industry took a beating between the powerful storm that hit on January 4, 2008 and a devastating fire at a large processing facility that occurred after harvest. In addition, both the yield and price were down.

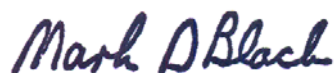
The table olive industry suffered greatly when frost hit at bloom time on April 20, 2008 and then again when abnormal hot, dry winds blew for two weeks in May 2008. The winds were also devastating to the citrus industry.

Our rangeland is still experiencing drought conditions which are creating hardships for our cattle industry. We are entering our third year of below average rainfall which also creates difficulties for all water users.

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			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2008	1,713	1.10	1,884	Ton	\$1,000	\$1,884,000
	2007	3,033	1.55	4,701		\$840	\$3,949,000
BARLEY	2008	reported under miscellaneous			Ton	170	280,000
	2007	1,175	1.40	1,645			
CORN	2008	9,094	6.31	57,383	Ton	187	10,731,000
	2007	12,068	5.64	68,064		151	10,278,000
COTTON, LINT	2008	2,401	3.51	8,427	500 lb.	340	2,865,000
	2007	2,768	3.27	9,051		350	3,168,000
COTTON, SEED	2008			3,008	Ton	400	1,203,000
	2007			3,231		210	679,000
HAY, ALFALFA	2008	16,068	6.75	108,459	Ton	186	20,173,000
	2007	16,008	7.29	116,698		135	15,754,000
HAY, OTHER	2008	2,793	2.10	5,865	Ton	135	792,000
	2007	2,909	2.50	7,273		125	909,000
PASTURE, IRRIGATED	2008	6,477			Acres	162	1,049,000
	2007	8,194				155	1,270,000
RANGE	2008	230,000			Acres	7	1,610,000
	2007	230,000				10	2,300,000
RICE, PADDY	2008	77,770	4.41	342,965	Ton	563	193,089,000
	2007	82,668	4.29	354,646		299	106,039,000
SAFFLOWER	2008	1,030	1.50	1,545	Ton	439	678,000
	2007	221	1.02	225		364	82,000
SILAGE, CORN	2008	3,897	27.07	105,492	Ton	55	5,802,000
	2007	5,220	28.95	151,119		29	4,382,000
WHEAT	2008	14,902	2.03	30,251	Ton	224	6,776,000
	2007	10,019	3.26	32,662		162	5,291,000
MISCELLANEOUS	2008	21,913	Includes sorghum, organic rice, and straw				8,259,000
	2007	20,323	from barley, oats, rice and wheat.				5,667,000
TOTALS	2008	388,058					\$254,911,000
	2007	394,606					\$160,048,000

1 714 pounds of seed/bale

2 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals 1; rental @ \$27/AUM

3 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals .015; rental @ \$23/AUM

3a If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals .07; rental @ \$17/AUM

4 Includes USDA Support Price



Wheat

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	Bearing PRODUCTION			VALUE		
		Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2008	29,966	0.86	25,771	Meat	\$3,412	\$87,931,000
	2007	29,717	0.96	28,528	Ton	\$3,850	\$109,918,000
ALMOND HULLS	2008			30,846	Ton	90	2,776,000
	2007			35,660		90	3,209,000
CITRUS	2008	452	4.74	2,142	Ton	692	1,482,000
	2007	452	7.20	3,254		1,100	3,580,000
GRAPES	2008	1,233	7.60	9,371	Ton	643	6,026,000
	2007	1,263	8.40	10,609		301	3,193,000
OLIVES	2008	4,134	2.88	11,906	Ton	933	11,108,000
	2007	3,752	6.60	24,763		803	19,885,000
PISTACHIOS	2008	1,043	2.37	2,472	Inshell	4,720	11,668,000
	2007	1,043	1.83	1,909	Ton	3,580	6,834,000
PRUNES	2008	6,715	2.48	16,653	Dry	1,587	26,428,000
	2007	6,715	2.60	17,459	Ton	1,490	26,031,000
WALNUTS	2008	13,520	1.80	24,336	Inshell	1,200	29,203,000
	2007	13,415	1.55	20,794	Ton	2,050	42,628,000
MISCELLANEOUS	2008	657	Includes apricots, black walnuts, blueberries,				2,126,000
	2007	563	cherries, kiwis, olive oil, peaches and pecans.				3,789,000
TOTALS	2008	57,720					\$178,748,000
	2007	56,920					\$219,067,000



Walnuts

Oranges



* Table olives

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE		TOTAL VALUE
TOTALS	2008	290	Includes grapes for rootstock, potted plants, sod and strawberry plants	\$5,097,000
	2007	337		\$5,548,000



Harvesting strawberry plants in December

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	PRODUCTION			VALUE		
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL	
TOTALS	2008	242	Includes cucumbers, eggplant, melons, onion bulbs, peppers, pumpkins, squash, strawberries, sweet corn, tomatoes (fresh and processed) and watermelons					\$901,000
	2007	343						\$798,000

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		UNIT	PER UNIT	TOTAL	PER UNIT	TOTAL	
CHRISTMAS TREES	2008	1,900	Each				\$41,800
	2007	1,900					\$21.00
FIREWOOD	2008	860	Cord				\$98,900
	2007	870					120.00
TIMBER	2008	1,173,000	Board Ft				\$152,000
	2007	2,086,000					0.18
TOTALS	2008						\$293,000
	2007						\$524,000

*Revised



APIARY PRODUCTS

Production and Value of Agricultural Products



COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2008	1,800		\$1.89	\$3,400	
	2007	0	Lbs	\$0.00	\$0	
HONEY	2008	95,000		1.33	126,000	
	2007	0	Lbs	0.00	0	
PACKAGED BEES	2008	156,400		10.95	1,713,000	
	2007	140,050	Lbs	11.80	1,652,000	
POLLINATION	2008				7,641,000	
	2007				2,699,000	
QUEEN BEES	2008	251,100		14.85	3,729,000	
	2007	148,600	Each	14.00	2,080,000	
TOTALS	2008				\$13,212,000	
	2007				\$6,431,000	

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2008	252	1,972	496,944		\$0.59	\$293,000
	2007	473	1,916	906,367	Lbs	\$0.45	\$408,000
CLOVER, ALL	2008	0					0
	2007	441	538	237,258	Lbs	1.01	240,000
RICE	2008	2,800	9,465	26,502,000		0.29	7,686,000
	2007	2,044	9,014	18,424,616	Lbs	0.17	3,132,000
SUNFLOWER	2008	2,790	894	2,494,260		1.61	4,016,000
	2007	3,456	1,101	3,805,056	Lbs	0.93	3,539,000
VINE CROPS	2008	641					1,698,000
	2007	1,251					1,165,000
OTHER SEED	2008	1,837					1,282,000
	2007	203					881,000
TOTALS	2008	8,320					\$14,975,000
	2007	7,868					\$9,365,000



LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE		
					PER UNIT	TOTAL	
CATTLE and CALVES	2008	31,184	209,828	Cwt	\$82.90	\$17,395,000	
	2007	31,833	217,418		\$86.20	\$18,750,000	
SHEEP and LAMBS	2008	7,041	7,252	Cwt	91.30	662,000	
	2007	6,643	6,842		90.50	619,000	
HOGS and PIGS	2008	1,892	3,406	Cwt	48.50	165,000	
	2007	1,931	3,476		48.80	170,000	
POULTRY	2008	Included under Livestock and Poultry Products to protect individual operations.					
	2007						
TOTALS	2008						\$18,222,000
	2007						\$19,539,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: Market	2008	4,135,661	Cwt	\$16.76	\$69,314,000	
	2007	3,697,237		\$18.22	\$67,364,000	
MILK: Manufacturing	2008	139,906	Cwt	18.80	2,630,000	
	2007	251,263		18.92	4,754,000	
WOOL	2008	71,325	Lbs	0.99	70,600	
	2007	67,294		0.85	57,000	
MISCELLANEOUS	2008					387,000
	2007					353,000
TOTALS	2008					\$72,402,000
	2007					\$72,528,000



Dairy cattle

VALUE of AGRICULTURAL and FOREST PRODUCTION

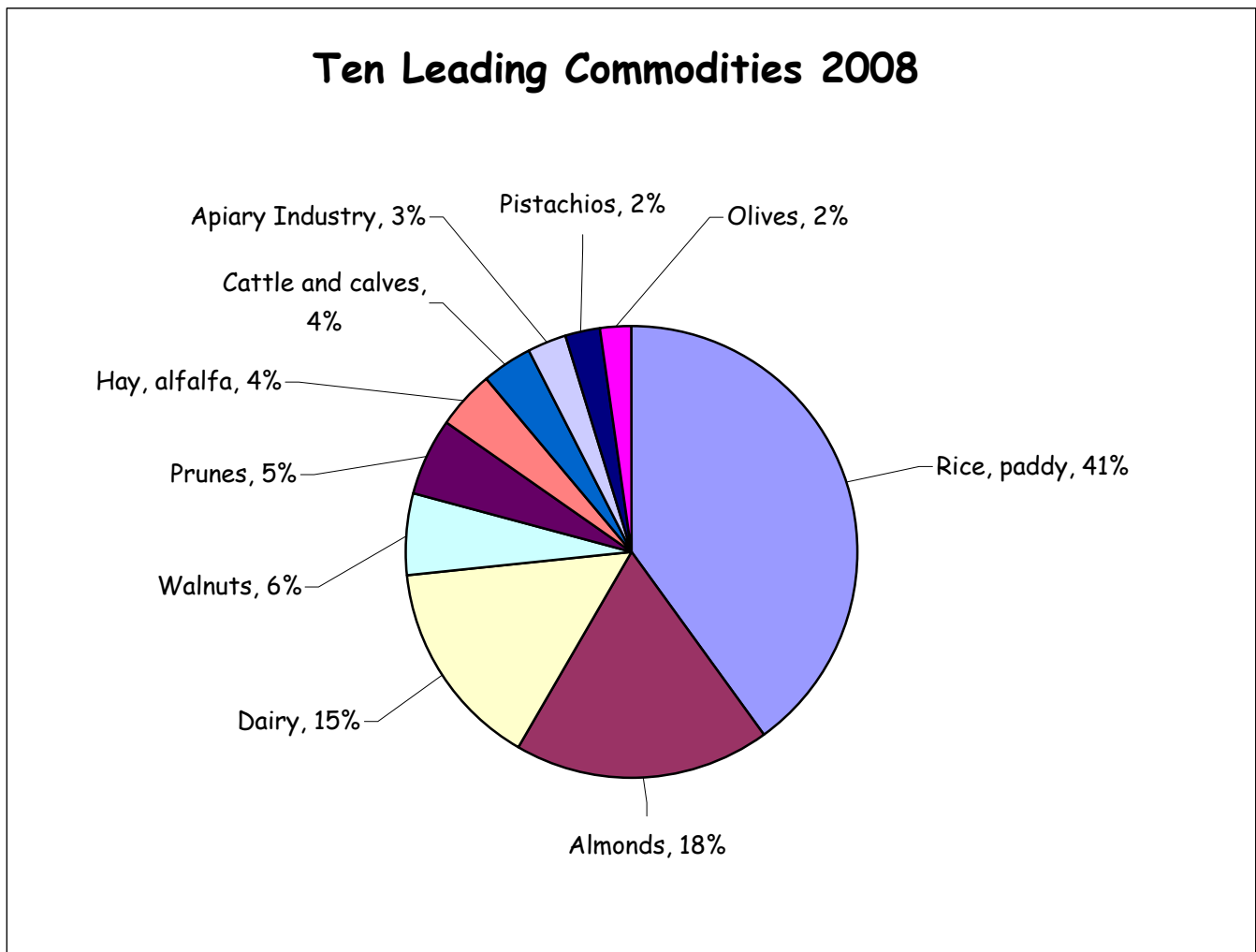
VALUE of AGRICULTURAL PRODUCTS	2007	2008
Field Crops	\$160,048,000	\$254,911,000
Fruit and Nut Crops	219,067,000	178,748,000
Livestock and Poultry Products	72,528,000	72,402,000
Livestock and Poultry	19,539,000	18,222,000
Seed Crops	9,365,000	14,975,000
Apiary Products	6,431,000	13,212,000
Nursery Products	5,548,000	5,097,000
Vegetable Crops	798,000	901,000
TOTAL AGRICULTURAL PRODUCTION	\$493,324,000	\$558,468,000

VALUE of FOREST PRODUCTS	2007	2008
Timber	\$380,000	\$152,000
Firewood	104,400	98,900
Christmas Trees	39,900	41,800
TOTAL FOREST PRODUCTION	\$524,000	\$293,000

GRAND TOTAL ALL PRODUCTION \$493,848,000 **\$558,761,000**

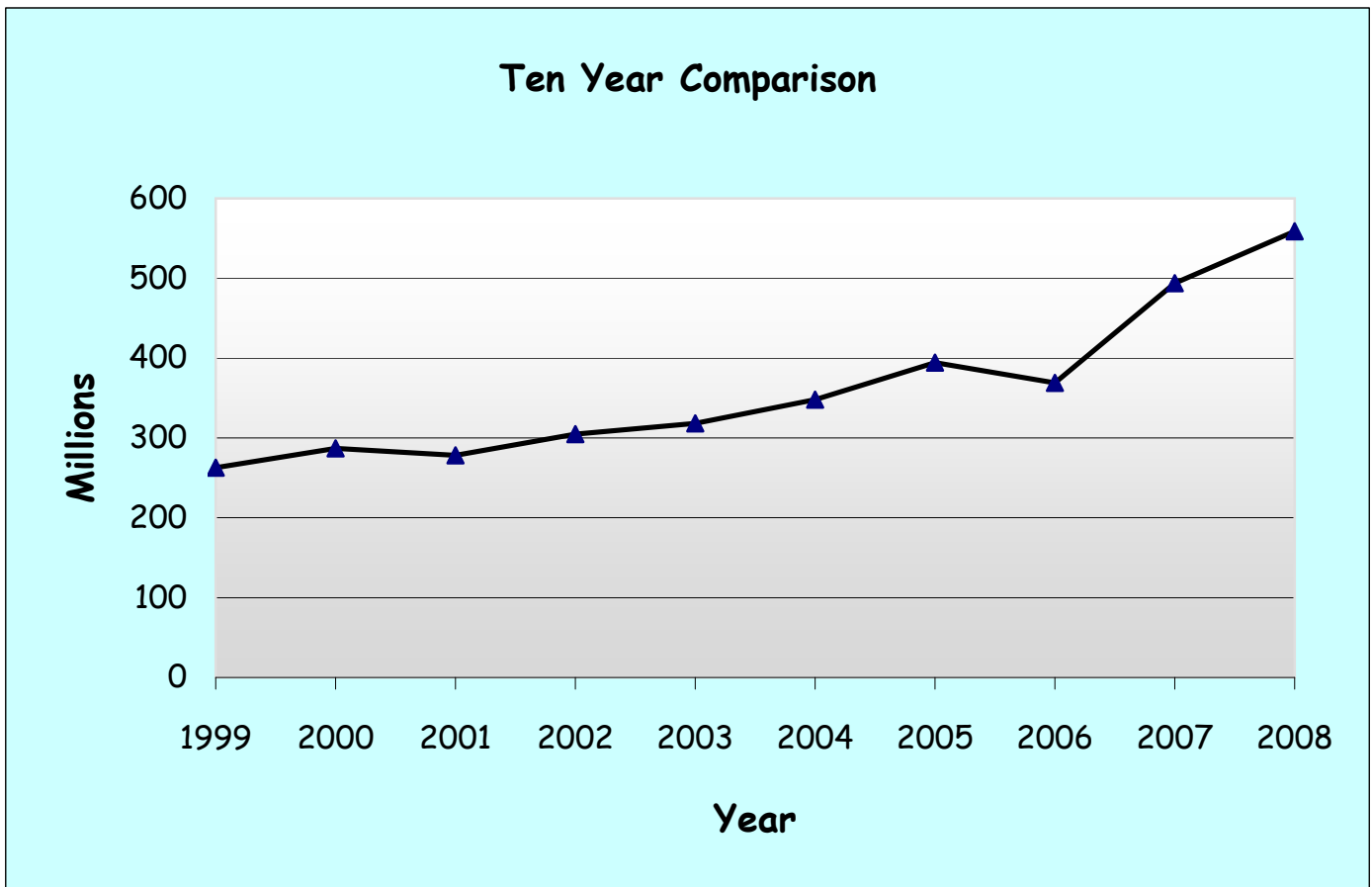
GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2008 Value
1) Rice, paddy	\$193,089,000
2) Almonds	87,931,000
3) Dairy	71,944,000
4) Walnuts	29,203,000
5) Prunes	26,428,000
6) Hay, alfalfa	20,173,000
7) Cattle and Calves	17,395,000
8) Apiary Industry	13,212,000
9) Pistachios	11,668,000
10) Olives	11,108,000



TEN YEAR PRODUCTION COMPARISON 1998 - 2008

<u>Year</u>	<u>Grand Total</u>
2008	\$558,761,000
2007	\$493,848,000
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



2008 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Shipments Profiled	Number of Shipments Inspected	Rejections
Postal	0	0	
Truck	40	54	19
Other	41	295	0

Origin Certification	Number of Inspections
Field Inspections	1,047
Phyto Certificates Issued	1,846

ORGANIC FARMING

Crop	Number of Farms		Acres
	2008	2007	
Almonds	8	7	272
			271
Citrus	6	8	111
			112
Corn	1	1	901
			35
Fruit Trees	3	5	4
			13
Olives	7	5	124
			102
Pasture	5	7	399
			493
Prunes	1	1	30
			30
Rice	16	17	2,456
			2,530
Vegetables/Herbs	4	4	6
			6
Dairy/Livestock	2	2	2,100
			n/a
Miscellaneous*	7	14	1,368
			1,125
Totals	44	47	4,864
			4,717

* Includes: wheat, triticale, clover, forage, ryegrass, safflower, other grain/forage, beans, peas, vetch and fallow ground
There are 47 registered growers and 2 registered handlers in Glenn County.

GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

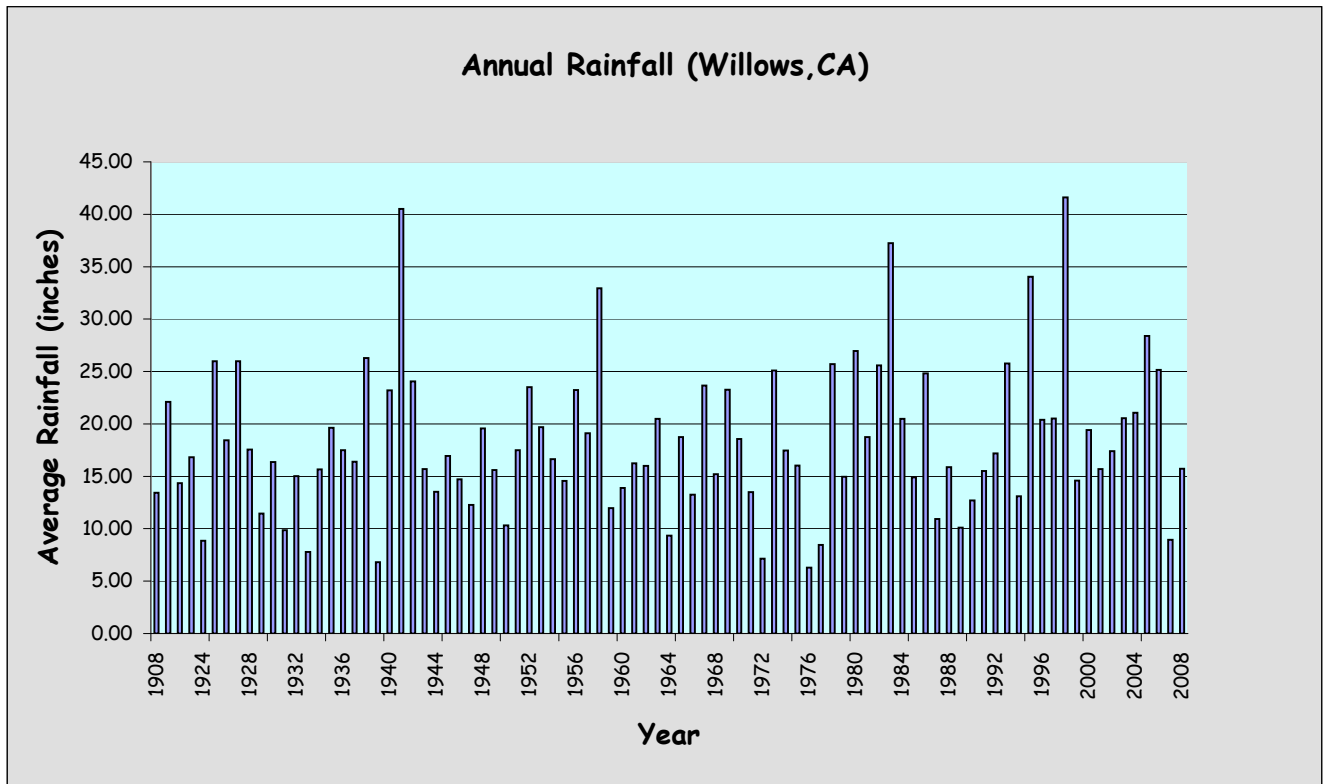
Pest	Control Agent	Program Scope
Ash Whitefly <i><u>Siphoninus phillyreae</u></i>	Wasp <i><u>Encarsia Sp.</u></i>	Established
	Beetle <i><u>Clitostethus arcuatus</u></i>	Established
Italian Thistle <i><u>Carduus pycnocephalus</u></i>	Weevil <i><u>Rhynchocyllus conicus</u></i>	Established
Puncturevine <i><u>Tribulus terrestris</u></i>	Stem and Seed Weevils <i><u>Microlarinus lypriformis</u></i> <i><u>Microlarinus lareyniei</u></i>	Established Established
Yellow Starthistle <i><u>Centaurea solstitialis</u></i>	Weevil <i><u>Bangasternus orientalis</u></i> <i><u>Eustenopus villosus</u></i>	Established Established
	Fly <i><u>Urophora sirunaseva</u></i> <i><u>Chaetorellia australis</u></i>	Established Established
	Rust	
Red Gum Lerp Psyllid <i><u>Glycaspis brimblecombei</u></i>	Fly <i><u>Psyllaphaeus bliteus</u></i>	Established

PEST ERADICATION

Pest	Control Agent	Number of Locations
Canada Thistle <i><u>Cirsium arvense</u></i>	Chemical/Mechanical	2
Dyer's Woad <i><u>Isatis tinctoria</u></i>	Chemical/Mechanical	11
Perennial Pepperweed <i><u>Lepidium latifolium</u></i>	Chemical/Mechanical	38
Plumeless Thistle <i><u>Carduus acanthoides</u></i>	Chemical/Mechanical	3
Russian Knapweed <i><u>Acroptilon repens</u></i>	Chemical	1
Silverleaf Nightshade <i><u>Solanum elaeagnifolium</u></i>	Chemical/Mechanical	27
Hoarycress (Whitetop) <i><u>Cardaria draba</u></i>	Chemical/Mechanical	10
Purple Starthistle <i><u>Centaurea calcitrapa</u></i>	Chemical/Mechanical	1
Diffuse Knapweed <i><u>Centaurea diffusa</u></i>	Chemical/Mechanical	1
Klamath Weed <i><u>Hypericum perforatum</u></i>	Chemical/Mechanical	4
Barbed Goatgrass <i><u>Aegilops triuncialis</u></i>	Chemical/Mechanical	2
Tree of Heaven <i><u>Ailanthus altissima</u></i>	Chemical/Mechanical	2

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	20.56
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
1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30	2006 - 2007	8.93
1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46	2007 - 2008	15.71



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

Water Resource Coordinator

Lester Messina

Environmental Biologists:

Bob Birdseye Jason Beauchamp

Craig Boschi Jordana Ellis

Greg Hinton Lisa Hunter

Tom Wong

Support Staff:

Maureen Bailey Tina Brothers

Carrie Hubbard Debra Hubbard

Jennifer Kline Dottie LaCroix

Air Pollution Staff:

Delia Azure Ian Ledbetter

Ben Myhre Dana Owens

Eric Scott Kevin Tokunaga

Candis Woods

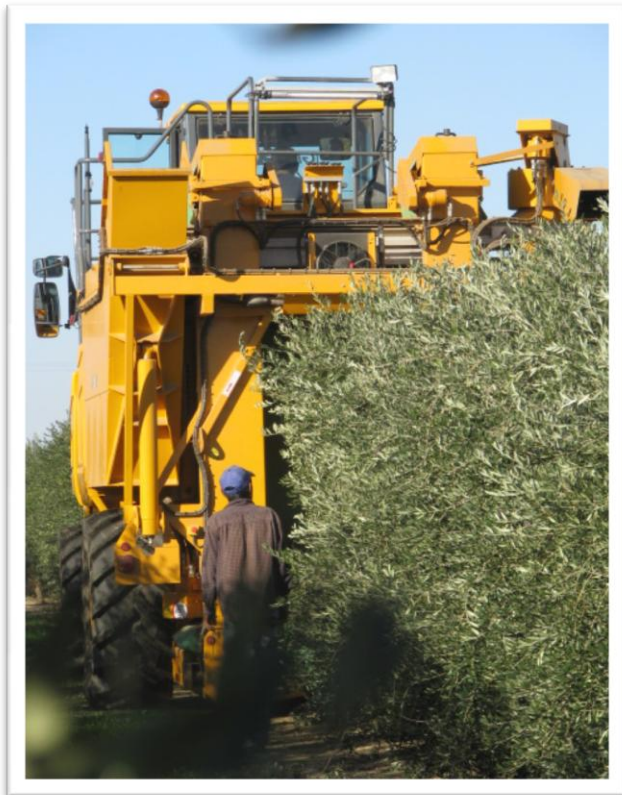
Snow geese in rice



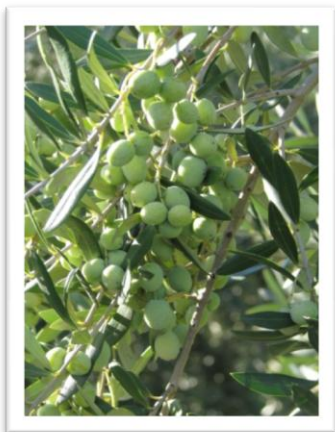
GLENN COUNTY

2009

Annual Crop & Livestock Report



harvest time for high density
olives for oil



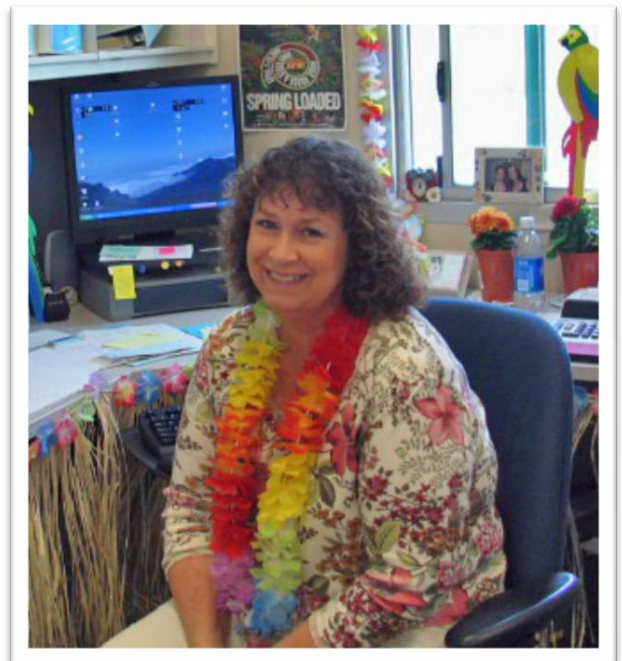
Dedication

This year's crop report is dedicated to two special people who both retired in 2009.



Candice Woods joined our Air Pollution staff in 1990 and retired in May as the Administrative Services Officer for Air Pollution. We miss her and wish her well in her active community involvement in Willows.

Deb Hubbard joined our Agriculture staff in 1996 and retired in December as the Administrative Services Officer for the Agriculture Department. We miss her and wish her well in her new adventure as she continues with her goal of completing her college degree at Chico State University.

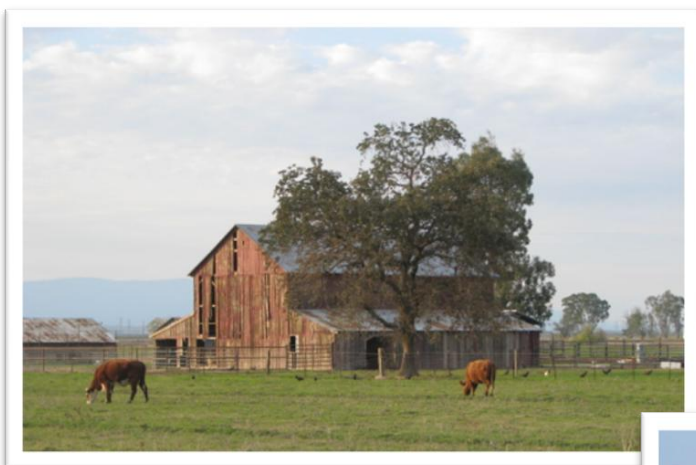


Glenn County

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 (dark part of map below) and the Sacramento River is located on the east. Interstate 5 runs north and south through the middle of this rich farm land. The population of Glenn County is slightly over 29,000 and the two major cities, Willows and Orland, lie along Interstate 5.

With over 1,000 farms, agriculture remains the primary source of Glenn County's economy. Major commodities include rice, almonds, dairies, walnuts and prunes.

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.



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: Steve Soeth District 3
John Viegas District 1
Tracy Quarne District 2
Michael Murray District 4
Leigh McDaniel District 5

I am pleased to submit the 2009 Annual Crop and Livestock Report for Glenn County as required by Section 2279 of the California Food and Agriculture Code which requires each County Agricultural Commissioner to summarize the acreage, production and gross value of Glenn County agricultural and forest commodities. Section 2272 of the California Food and Agriculture Code requires each County Agricultural Commissioner to report on actions taken to eradicate, control or manage pests in their county.

Agriculture continues to be the county's major industry. The 2009 gross production of agricultural commodities was valued at \$477,363,000. This represents a decrease of 15 percent from the 2008 gross agricultural production value of \$558,467,000.

Rice again is in the lead this year as the number one commodity with a total value of \$156,873,000. Almonds are in the number two spot with a value of \$81,219,000. Rice and almonds represent 41% of the top 10 commodities for 2009.

The effects of the powerful storm that hit California and especially Glenn County in January of 2008 will continue to play a role in the almond industry. Production will continue to be lower than in the last few years as newly planted almond trees come into bearing age.

The table olive industry suffered again when abnormally high temperatures at the end of May 2009 occurred during pollination resulting in a substantial loss of fruit.

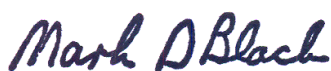
The three year drought which parched our rangelands and created hardships for our cattle industry has ended with plentiful rains received during the winter months. All water users went through a lot of stress during spring planting when water was rationed.

A devastating freeze mid-December greatly affected our navel orange industry with many growers losing their entire crop. This freeze also affected many of our other tree crops by killing branches on the trees which now involves major pruning to restore the trees' vitality.

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			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2009	2,394	0.93	2,214		\$700	\$1,550,000
	2008	1,713	1.10	1,884	Ton	\$1,000	\$1,884,000
CORN	2009	11,223	5.60	62,849		205	12,884,000
	2008	9,094	6.31	57,383	Ton	187	10,731,000
COTTON, LINT	2009	1,657	3.62	5,998		336	2,015,000
	2008	2,401	3.51	8,427	500 lb.	340	2,865,000
COTTON, SEED	2009			2,499		400	1,000,000
	2008			3,008	Ton	400	1,203,000
HAY, ALFALFA	2009	17,736	7.18	127,344		103	13,116,000
	2008	16,068	6.75	108,459	Ton	186	20,173,000
HAY, OTHER	2009	3,912	2.61	10,210		67	684,000
	2008	2,793	2.10	5,865	Ton	135	792,000
PASTURE, IRRIGATED	2009	7,190				162	1,165,000
	2008	6,477			Acres	162	1,049,000
RANGE	2009	230,000				7	1,610,000
	2008	230,000			Acres	7	1,610,000
RICE, PADDY	2009	89,483	4.53	405,358		387	156,873,000
	2008	77,770	4.41	342,965	Ton	563	193,089,000
SAFFLOWER	2009	information under miscellaneous for 2009					
	2008	1,030	1.50	1,545	Ton	439	678,000
SILAGE, CORN	2009	2,778	28.00	77,784		35	2,722,000
	2008	3,897	27.07	105,492	Ton	55	5,802,000
WHEAT	2009	13,125	1.85	24,281		225	5,463,000
	2008	14,902	2.03	30,251	Ton	224	6,776,000
MISCELLANEOUS	2009	21,077	2009 includes barley, organic rice, safflower and				7,535,000
	2008	21,913	straw from barley, oats, rice and wheat.				8,259,000
TOTALS	2009	400,575					\$206,617,000
	2008	388,058					\$254,911,000

1

2

3

3

4

4

1 714 pounds of seed/bale

2 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals 1; rental @ \$27/AUM

3 If use Animal Unit Month (AUM) where one cow/calf unit equals one acre, then AUM equals .015; rental @ \$23/AUM

4 Includes USDA Support Price



cotton

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	Bearing PRODUCTION			VALUE		
		Acreage	Per Acre	Total	Unit	Per Unit	Total
ALMONDS	2009	30,626	0.78	23,888	Meat	\$3,400	\$81,219,000
	2008	29,966	0.86	25,771	Ton	\$3,412	\$87,931,000
* ALMOND HULLS	2009			29,860	Ton	80	2,389,000
	2008			32,214		90	2,899,000
CITRUS	2009	469	1.89	886	Ton	1,028	911,000
	2008	452	4.74	2,142		692	1,482,000
** GRAPES	2009	809	8.13	6,580	Ton	327	2,152,000
	2008	809	7.60	6,148		643	3,953,000
OLIVES, Table	2009	4,275	1.45	6,214	Ton	1,112	6,988,000
	2008	4,134	2.88	11,906		933	11,108,000
OLIVES, Oil	2009	1,683	162.00	272,646	Gallon	15	4,171,000
	2008	Information under miscellaneous for 2008					
PISTACHIOS	2009	1,043	1.27	1,325	Inshell	3,112	4,123,000
	2008	1,043	2.37	2,472	Ton	4,720	11,668,000
PRUNES	2009	6,494	2.10	13,637	Dry	1,355	18,478,000
	2008	6,715	2.48	16,653	Ton	1,587	26,428,000
WALNUTS	2009	14,173	1.86	26,362	Inshell	1,437	37,882,000
	2008	13,520	1.80	24,336	Ton	1,200	29,203,000
MISCELLANEOUS	2009	387	2009 includes apricots, black walnuts, blueberries,				1,936,000
	2008	657	cherries, kiwis, peaches, pecans and Asian pears.				2,126,000
TOTALS	2009	58,276					\$156,078,000
	2008	57,296					\$176,798,000



almonds in bloom and the resulting nuts



* revised total production figure

** revised acreage figure

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE		TOTAL VALUE
TOTALS	2009	280	Includes grapes for rootstock, potted plants, sod and strawberry plants	\$4,854,000
	2008	290		\$5,097,000



sod ready to harvest


VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	PRODUCTION		VALUE		
			PER ACRE	TOTAL	PER UNIT	TOTAL	
TOTALS	2009	525	Includes cucumbers, eggplant, melons, onion bulbs, peppers, pumpkins, squash, strawberries, sweet corn, tomatoes (fresh and processed) and watermelons				\$2,196,000
	2008	242					\$901,000

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR		PRODUCTION		VALUE	
			UNIT	PER UNIT	TOTAL	
CHRISTMAS TREES	2009		1,900	Each	\$23.00	\$43,700
	2008		1,900		\$22.00	\$41,800
FIREWOOD	2009		860	Cord	115.00	98,900
	2008		860		115.00	98,900
TIMBER	2009		0	Board Ft	0.00	0
	2008		1,173,000		0.13	152,000
TOTALS	2009					\$142,600
	2008					\$292,700



APIARY PRODUCTS

Production and Value of Agricultural Products



COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2009	1,000			\$1.50	\$1,500
	2008	1,800	Lbs		\$1.89	\$3,400
HONEY	2009	180,000			1.00	180,000
	2008	95,000	Lbs		1.33	126,000
PACKAGED BEES	2009	173,172			11.46	1,985,000
	2008	156,400	Lbs		10.95	1,713,000
POLLINATION	2009					8,436,000
	2008					7,641,000
QUEEN BEES	2009	208,283			15.80	3,291,000
	2008	251,100	Each		14.85	3,729,000
TOTALS	2009					\$13,894,000
	2008					\$13,212,000



SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2009	1,033	2,213	2,286,029	Lbs	\$0.50	\$1,143,000
	2008	252	1,972	496,944		\$0.59	\$293,000
RICE	2009	2,359	9,551	22,530,809	Lbs	0.33	7,435,000
	2008	2,800	9,465	26,502,000		0.29	7,686,000
SUNFLOWER	2009	4,275	1,139	4,869,225	Lbs	1.19	5,794,000
	2008	2,790	894	2,494,260		1.61	4,016,000
VINE CROPS	2009	3,742	Includes cucumbers, melons, pumpkins, squash				5,808,000
	2008	641	and watermelons				1,698,000
OTHER SEED	2009	1,151	Includes barley, carrots, coriander and onions				12,738,000
	2008	1837					1,282,000
TOTALS	2009	12,560					\$32,918,000
	2008	8,320					\$14,975,000



checking bees

curcurbit field for seed



LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER	TOTAL	UNIT	PER UNIT	VALUE	
		OF HEAD	WEIGHT			TOTAL	
CATTLE and CALVES	2009	28,522	191,715	Cwt	\$79.81	\$15,310,000	
	2008	31,184	209,828		\$82.90	\$17,394,000	
SHEEP and LAMBS	2009	6,478	6,672	Cwt	88.70	592,000	
	2008	7,041	7,252		91.30	662,000	
HOGS and PIGS	2009	1,835	3,303	Cwt	42.50	140,000	
	2008	1,892	3,406		48.50	165,000	
POULTRY	2009	Included under Livestock and Poultry Products to protect individual operations.					
	2008						
TOTALS	2009						\$16,042,000
	2008						\$18,221,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	PER UNIT	VALUE
					TOTAL
MILK: Market	2009	3,672,894	Cwt	\$11.55	\$42,422,000
	2008	4,135,661		\$16.76	\$69,314,000
MILK: Manufacturing	2009	152,659	Cwt	11.99	1,830,000
	2008	139,906		18.80	2,630,000
WOOL	2009	65,622	Lbs	0.85	55,800
	2008	71,325		0.99	70,600
MISCELLANEOUS	2009				456,000
	2008				387,000
TOTALS	2009				\$44,764,000
	2008				\$72,402,000



dog guarding sheep

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2008	2009
Field Crops	\$254,911,000	\$206,617,000
Fruit and Nut Crops	178,748,000	156,078,000
Livestock and Poultry Products	72,402,000	44,764,000
Livestock and Poultry	18,221,000	16,042,000
Seed Crops	14,975,000	32,918,000
Apiary Products	13,212,000	13,894,000
Nursery Products	5,097,000	4,854,000
Vegetable Crops	901,000	2,196,000
TOTAL AGRICULTURAL PRODUCTION	\$558,467,000	\$477,363,000

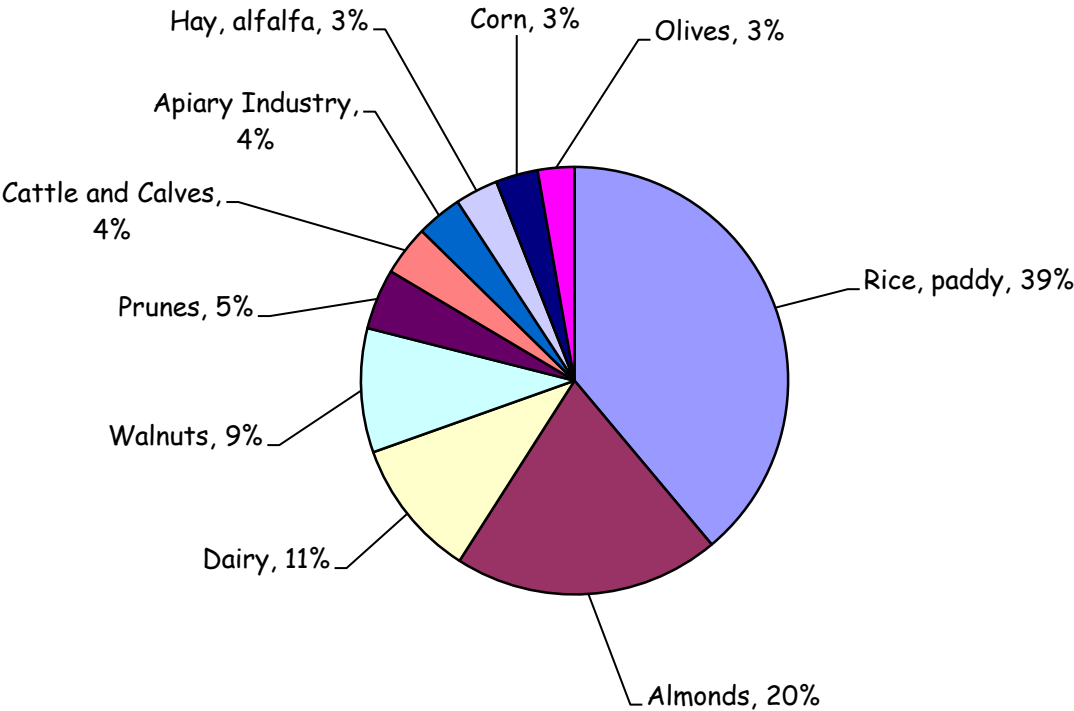
VALUE of FOREST PRODUCTS	2008	2009
Timber	\$152,000	\$0
Firewood	98,900	98,900
Christmas Trees	41,800	43,700
TOTAL FOREST PRODUCTION	\$293,000	\$143,000

GRAND TOTAL ALL PRODUCTION \$558,760,000 **\$477,506,000**

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

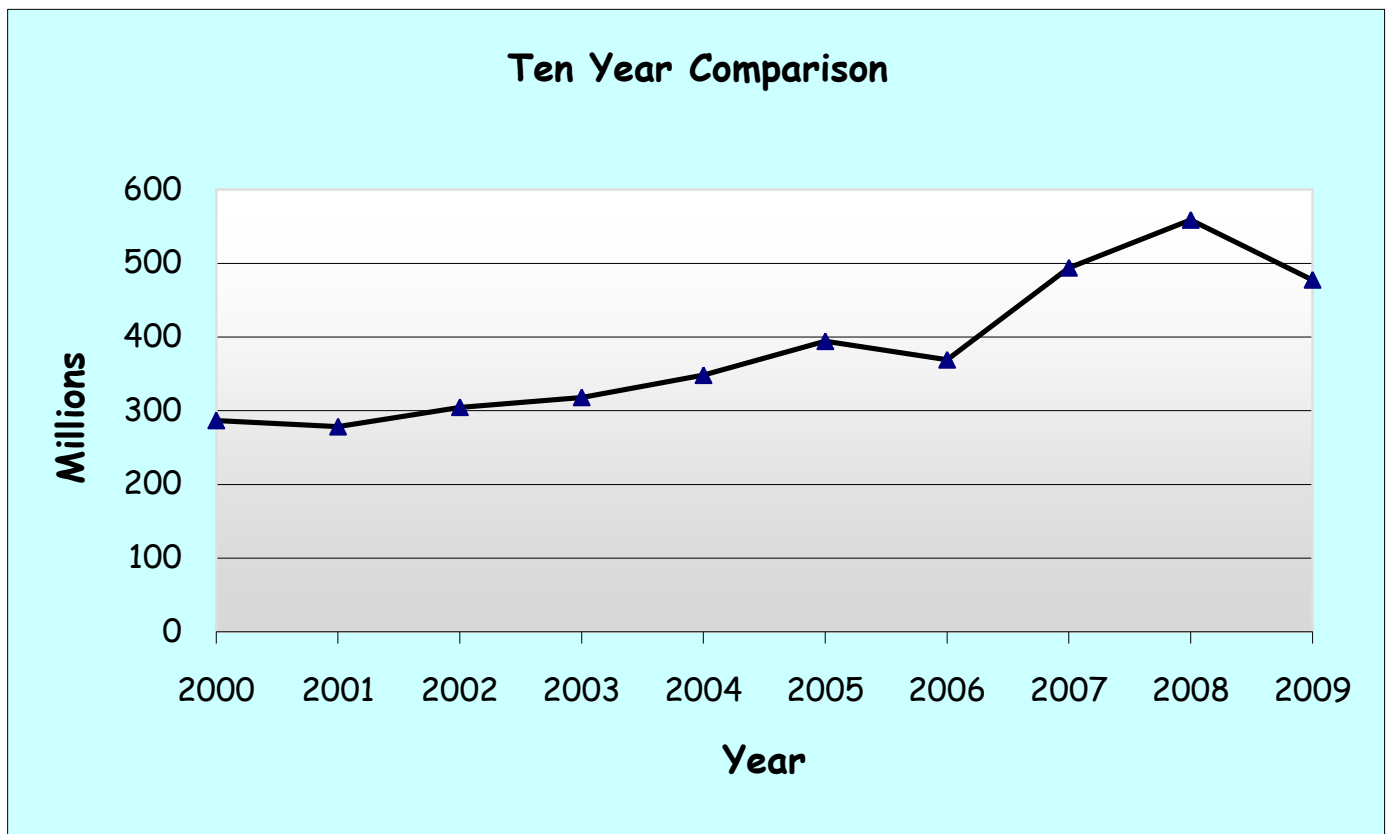
Commodity	2009 Value
1) Rice, paddy	\$156,873,000
2) Almonds	81,219,000
3) Dairy	42,422,000
4) Walnuts	37,882,000
5) Prunes	18,478,000
6) Cattle and Calves	15,310,000
7) Apiary Industry	13,894,000
8) Hay, alfalfa	13,116,000
9) Corn	12,884,000
10) Olives	11,159,000

Ten Leading Commodities 2009



TEN YEAR PRODUCTION COMPARISON 2000 - 2009

<u>Year</u>	<u>Grand Total</u>
2009	\$477,506,000
2008	\$558,760,000
2007	\$493,848,000
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



2009 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Shipments Profiled	Number of Containers Inspected	Rejections
Postal	0	0	0
Truck	69	3,265	3
Other	3,265	16,041	0

Origin Certification	Number of Inspections
Field Inspections	474
Phyto Certificates Issued	2,585

ORGANIC FARMING

Crop	Number of Farms		Acres
Almonds	2009	8	273
	2008	8	272
Citrus	2009	5	105
	2008	6	111
Olives	2009	4	124
	2008	7	124
Pasture	2009	6	561
	2008	5	399
Rice	2009	12	2,046
	2008	16	2,456
Ryegrass	2009	3	562
	2008	3	562
Wheat	2009	3	798
	2008	3	728
Miscellaneous*	2009	17	423
	2008	16	657
Processors/Handlers	2009	3	N/A
	2008	3	N/A
Totals**	2009	42	4,892
	2008	44	5,309

* Includes: triticale, corn, forage, safflower, other grain/forage, wild rice, pistachio, prunes, dairy cows, fruit trees, vegetables, herbs and fallow ground.

** Total number of registered growers, handlers and processors.

GLENN COUNTY SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL

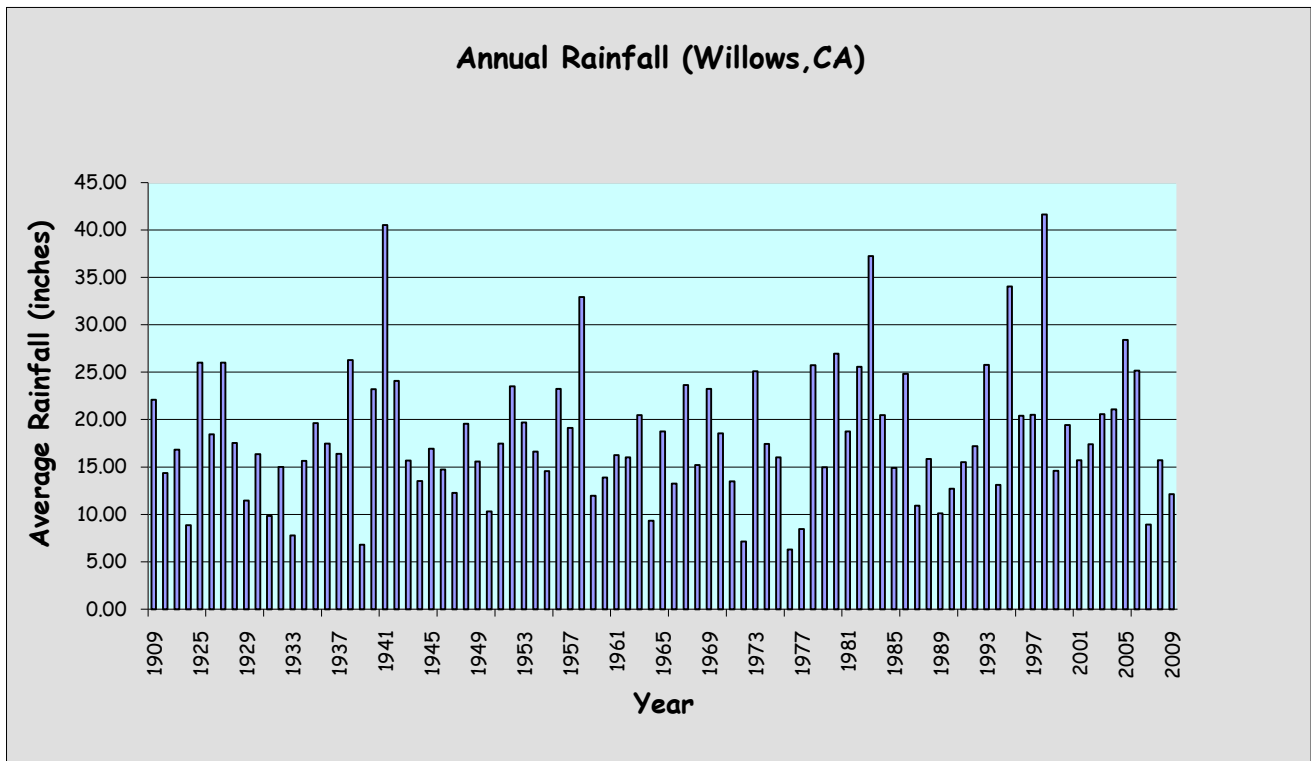
Pest	Control Agent	Program Scope
Ash Whitefly <i>Siphoninus phillyreae</i>	Wasp <i>Encarsia Sp.</i>	Established
	Beetle <i>Clitostethus arcuatus</i>	Established
Italian Thistle <i>Carduus pycnocephalus</i>	Weevil <i>Rhynchocyllus conicus</i>	Established
Puncturevine <i>Tribulus terrestris</i>	Stem and Seed Weevils <i>Microlarinus lypriformis</i> <i>Microlarinus lareyniei</i>	Established Established
Yellow Starthistle <i>Centaurea solstitialis</i>	Weevil <i>Banqasternus orientalis</i> <i>Eustenopus villosus</i>	Established Established
	Fly <i>Urophora sirunaseva</i> <i>Chaetorellia australis</i>	Established Established
	Rust <i>Puccinia jaceae</i>	Not established
Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i>	Fly <i>Psyllaphaeus bliteus</i>	Established

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	39
Plumeless Thistle <i>Carduus acanthoides</i>	Chemical/Mechanical	3
Russian Knapweed <i>Acroptilon repens</i>	Chemical	2
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	2
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	2
Tree of Heaven <i>Ailanthus altissima</i>	Chemical/Mechanical	2

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
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	20.56
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
1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30	2006 - 2007	8.93
1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46	2007 - 2008	15.71
1915 - 1916	18.11	1946 - 1947	12.28	1977 - 1978	25.72	2008 - 2009	12.12



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

Water Resource Coordinator

Lester Messina

Environmental Biologists:

Jason Beauchamp Craig Boschi

Greg Hinton Lisa Hunter

Tom Wong

Support Staff:

Maureen Bailey Tina Brothers

Carnie Hubbard Debra Hubbard

Jennifer Kline Dottie LaCroix

John Tolley

Air Pollution Staff:

Delia Azure Gaylee Curcio

Ian Ledbetter Ben Myhre

Dana Owens Eric Scott

Kevin Tokunaga Candis Woods

Sunset from Willows,
the County seat

