

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.

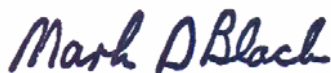
Agriculture continues to be the county's major industry. The 2005 gross production of agricultural commodities was valued at \$393,605,000. This represents an increase of 12 percent from the 2004 gross production value of \$347,896,000.

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**

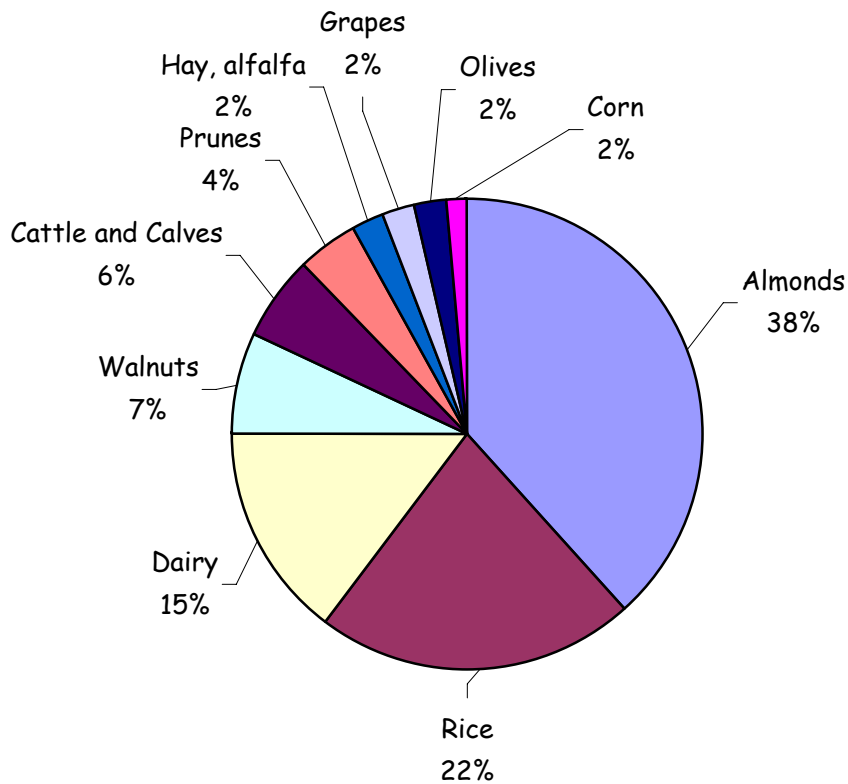
GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

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

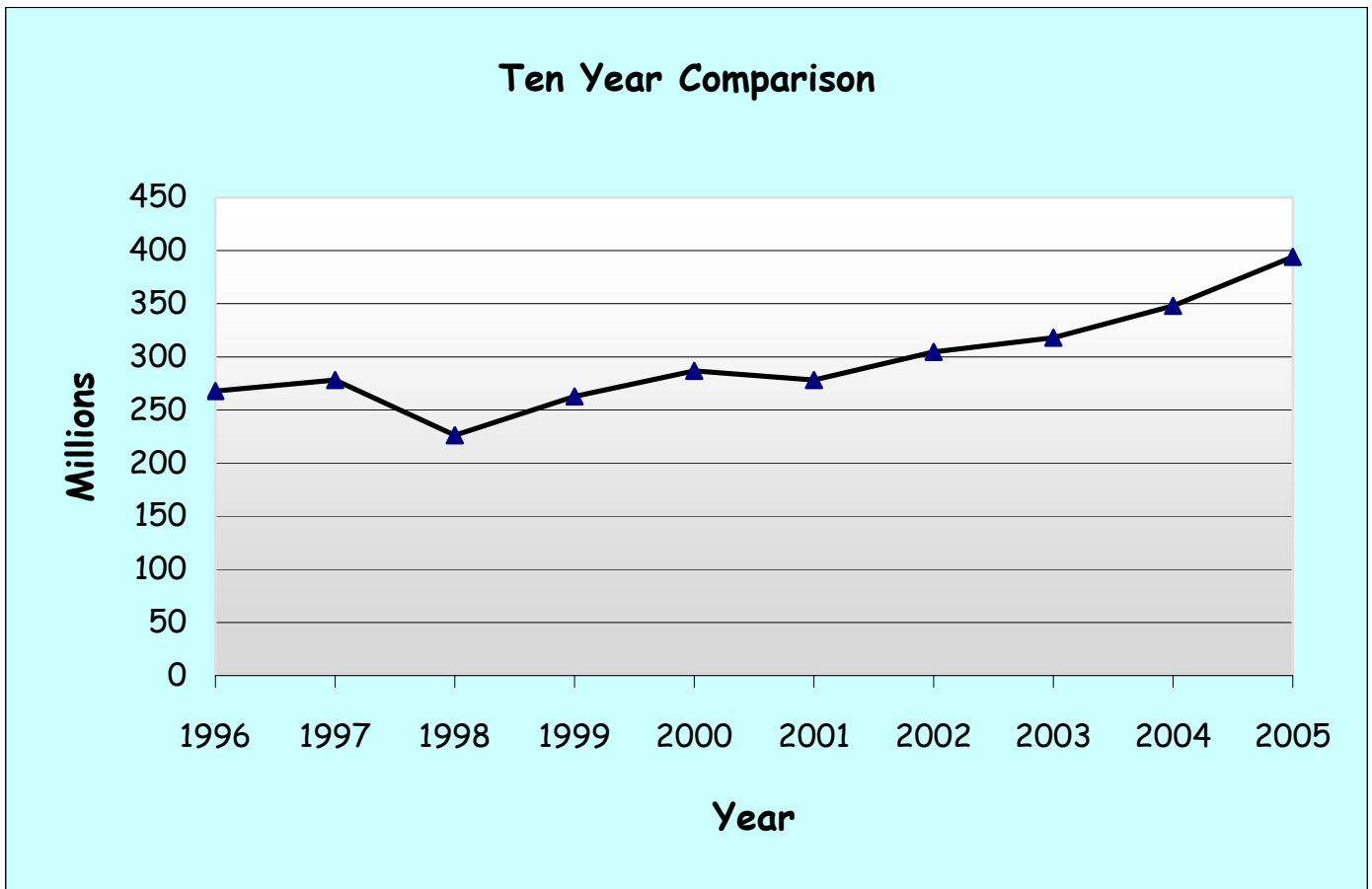
Ten Leading Commodities 2005



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 <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>	3 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	1
Dyer's Woad <i>Isatis tinctoria</i>	Chemical/Mechanical	11
Perennial Pepperweed <i>Lepidium latifolium</i>	Chemical/Mechanical	35
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	26
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	1
Tree of Heaven <i>Ailanthus altissima</i>	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	

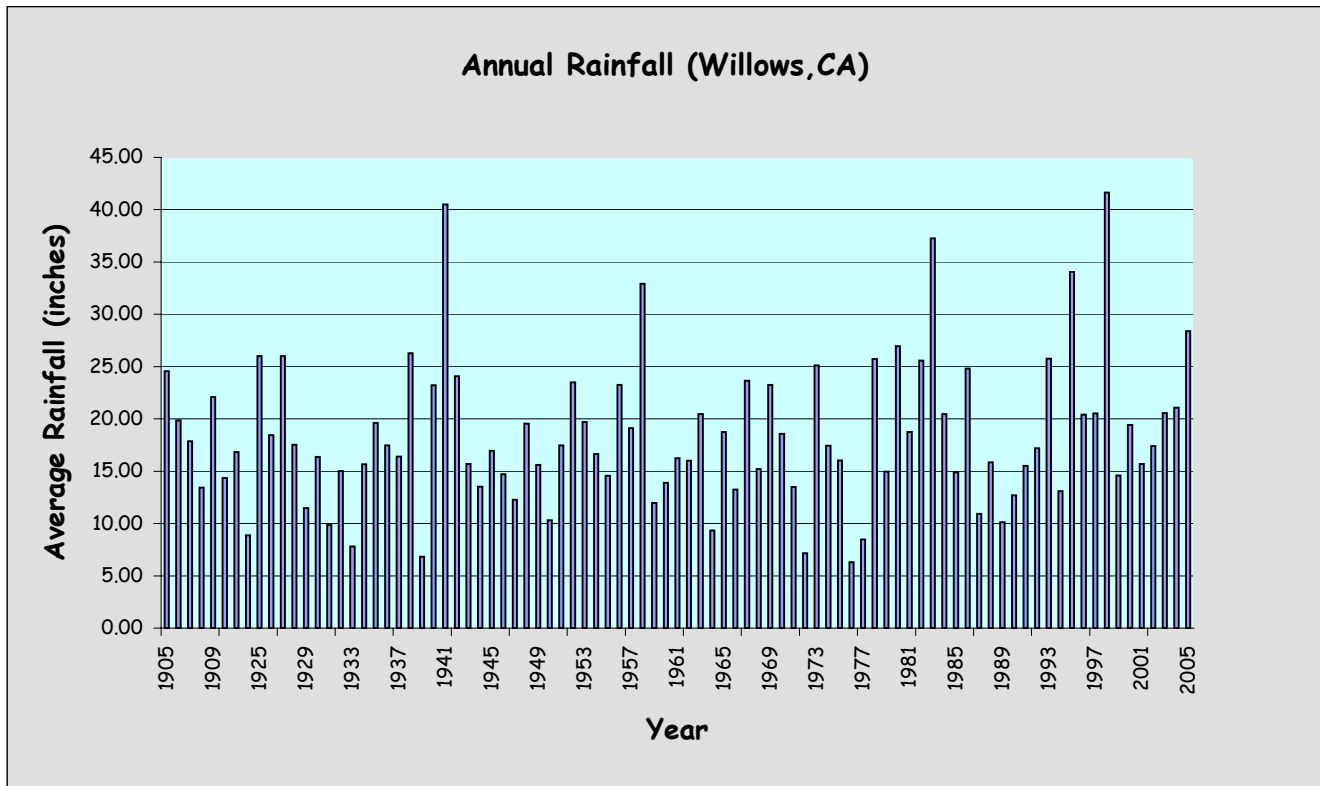
Origin Certification	Number of Inspections
Field Inspections	639
Phyto Certificates Issued	878

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:

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