

GLENN COUNTY
2004
Annual Crop
&
Livestock Report





The 2004 crop report is dedicated to Ernie Simpson who retired in April 2004 as the Deputy Agricultural Commissioner. Ernie joined the Glenn County Agricultural Commissioner's staff in 1974 and for the next 32 years served the agricultural industry and community. We miss him and wish him success in his new adventures.

Mark Black, Agricultural Commissioner

Sealer of Weights and Measures

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

and

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

I am pleased to submit the 2004 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.

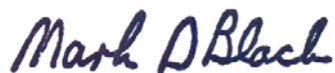
Agriculture continues to be the county's major industry. The 2004 gross production of agricultural commodities was valued at \$346,347,000. This represents an increase of 9 percent from the 2003 gross production value of \$318,042,000.

Rice continues to be the leading commodity produced in Glenn County with a production value of \$83,092,000. This is 12 percent decline from the 2003 value of \$106,042,000. Almonds are our number two leading crop, with \$77,847,000 in value, an increase of 32 percent. Olives had a value of \$10,979,000, this is a 50 percent increase from 2003. Grapes saw a 52 percent increase in value from \$3,497,000 in 2003 to \$7,284,000 in 2004. Cattle and calves continue to show price strength with a 15 percent increase and a production value of \$20,580,000. Another notable increase was the timber value. We saw a 93 percent increase in timber value. 2004 production was \$131,000 versus a \$10,000 value in 2003.

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, especially Jean Miller and Maureen Bailey, should be commended for their countless hours and extra effort to compile this year's 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	2004	374	1.25	468	Ton	\$740.00	\$346,000
	2003	608	1.33	807		\$598.00	\$483,000
BARLEY	2004	5,962	3.00	17,886	Ton	112.00	2,003,000
	2003	Reported under miscellaneous in 2003					
CORN	2004	12,155	6.30	76,577	Ton	95.00	7,275,000
	2003	15,045	6.10	91,775			
COTTON, LINT	2004	1,992	3.27	6,514	500 lb.	340.00	2,215,000
	2003	2,292	2.55	5,845		329.50	1,926,000
COTTON, SEED	2004			2,714	Ton	180.00	489,000
	2003			2,484		185.00	460,000
HAY, ALFALFA	2004	15,247	7.60	115,877	Ton	98.00	11,356,000
	2003	19,280	7.30	140,744		83.00	11,682,000
HAY, OTHER	2004	6,200	3.00	18,600	Ton	65.00	1,209,000
	2003	5,700	2.50	14,250		50.00	713,000
HAY, SUDANGRASS	2004	248	5.50	1,364	Ton	85.00	116,000
	2003	716	5.50	3,938		95.00	374,000
PASTURE, IRRIGATED	2004	10,135			Acres	165.00	1,672,000
	2003	10,436				135.00	1,409,000
RANGE	2004	230,000			Acres	7.00	1,610,000
	2003	230,000				7.00	1,610,000
RICE, PADDY	2004	86,017	4.60	395,670	Ton	210.00	83,092,000
	2003	87,793	4.05	355,562		300.00	106,669,000
SAFFLOWER	2004	146	0.91	133	Ton	340.00	45,000
	2003	287	0.59	169		275.00	47,000
SILAGE, CORN	2004	4,817	35.00	168,595	Ton	36.00	6,069,000
	2003	4,843	31.00	150,133		21.00	3,153,000
WHEAT	2004	8,184	2.30	18,823	Ton	109.00	2,052,000
	2003	16,000	1.20	19,200		87.00	1,670,000
MISCELLANEOUS	2004	5,140					152,000
	2003	9,610					1,941,000
TOTALS	2004	386,617					\$119,701,000
	2003	402,610					\$141,360,000

** Includes USDA Support Price

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APIARY CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE	
		TOTAL	UNIT	PER UNIT	TOTAL	
BEESWAX	2004	5,000			\$0.00	\$0.00
	2003	7,000	Lbs		\$1.57	\$11,000
HONEY	2004	120,000			0	0
	2003	152,000	Lbs		1.49	226,000
PACKAGED BEES	2004	117,000			10.00	1,170,000
	2003	134,000	Lbs		5.93	795,000
POLLINATION	2004					1,869,000
	2003					2,411,000
QUEEN BEES	2004	133,000			10.00	1,330,000
	2003	129,000	Each		8.23	1,062,000
TOTALS	2004					\$4,369,000
	2003					\$4,505,000

SEED CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
BEANS	2004	1,275	1,574	2,006,990		\$0.38	\$762,000
	2003	1,502	1,765	2,651,096	Lbs	\$0.38	\$1,007,000
CLOVER, ALL	2004	704	400	281,600		1.40	394,000
	2003	674	618	416,725	Lbs	1.35	563,000
RICE	2004	2,865	9,000	25,785,000		0.08	2,063,000
	2003	2,047	8,100	16,580,700	Lbs	0.15	2,487,000
SUNFLOWER	2004	4,555	1,125	5,126,017		0.58	2,973,000
	2003	4,427	946	4,187,094	Lbs	0.55	2,303,000
VINE CROPS	2004	2,916					2,479,000
	2003	1,948					2,118,000
OTHER SEED	2004	334					201,000
	2003	133					145,000
TOTALS	2004	12,649					\$8,872,000
	2003	10,731					\$8,623,000

VEGETABLE CROPS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION			VALUE		
		ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
TOTALS	2004	126					\$376,000
	2003	115					\$297,000

LIVESTOCK and POULTRY

Production and Value of Agricultural Products

COMMODITY	YEAR	NUMBER OF HEAD	TOTAL WEIGHT	UNIT	VALUE		
					PER UNIT	TOTAL	
CATTLE and CALVES	2004	34,766	240,247		\$86.00	\$20,661,000	
	2003	31,556	229,768	Cwt	76.77	17,639,000	
SHEEP and LAMBS	2004	7,435	7,658		90.40	692,000	
	2003	7,510	7,735	Cwt	88.00	681,000	
HOGS and PIGS	2004	1,758	3,164		49.50	157,000	
	2003	1,812	3,243	Cwt		116,000	
POULTRY	2004	Included under Livestock and Poultry Products to protect individual operations.					
	2003						
TOTALS	2004						\$21,510,000
	2003						\$18,436,000

LIVESTOCK and POULTRY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	PRODUCTION	UNIT	VALUE		
				PER UNIT	TOTAL	
MILK: Market	2004	3,559,463		\$14.51	\$51,645,000	
	2003	3,920,929	Cwt	11.29	44,267,000	
MILK: Manufacturing	2004	320,543		15.20	4,872,000	
	2003	361,431	Cwt		4,272,000	
WOOL	2004	75,671		0.82	62,000	
	2003	76,076	Lbs	0.79	60,000	
MISCELLANEOUS	2004					361,000
	203					320,000
TOTALS	2004					\$56,940,000
	2003					\$48,919,000

NURSERY PRODUCTS

Production and Value of Agricultural Products

COMMODITY	YEAR	ACREAGE	TOTAL VALUE
TOTALS	2004	342	\$5,006,000
	2003	256	\$4,179,000

FRUIT and NUT CROPS

Production and Value of Agricultural Products

Commodity	Year	Bearing PRODUCTION			Unit	VALUE	
		Acreage	Per Acre	Total		Per Unit	Total
ALMONDS	2004	28,337	0.68	19,269	Meat	\$4,040.00	\$77,847,000
	2003	28,729	0.66	18,929	Ton	\$2,803.00	\$53,060,000
ALMOND HULLS	2004			24,131	Ton	72.50	1,750,000
	2003			23,661		77.00	1,822,000
CITRUS	2004	521	8.06	4,199	Ton	324.00	1,361,000
	2003	521	6.75	3,515		314.00	1,104,000
GRAPES	2004	1,287	9.37	12,059	Ton	604.00	7,284,000
	2003	1,278	9.37	11,975		292.00	3,497,000
OLIVES	2004	4,180	5.1	21,318	Ton	515.00	10,979,000
	2003	4,920	2.26	11,158		450.00	5,021,000
PISTACHIOS	2004	998	1.44	1,437	Inshell	2,520.00	3,618,000
	2003	998	0.36	355	Ton	2,900.00	1,042,000
PRUNES	2004	6,870	0.98	6,732	Dry	1,398.00	9,412,000
	2003	7,841	1.90	14,860	Ton	694.00	10,313,000
WALNUTS	2004	10,366	1.54	15,963	Inshell	1,149.00	18,341,000
	2003	9,296	1.55	14,432	Ton	1,052.00	15,182,000
MISCELLANEOUS	2004	253					530,000
	2003	235					570,000
TOTALS	2004	52,812					\$131,122,000
	2003	53,818					\$91,611,000

FOREST PRODUCTS

Production and Value of Forest Products

COMMODITY	YEAR	PRODUCTION		UNIT	VALUE	
					PER UNIT	TOTAL
CHRISTMAS TREES	2004		1,900	Each	\$20.00	\$38,000
	2003		1,700		\$20.00	\$34,000
FIREWOOD	2004		810	Cord	90.00	73,000
	2003		800		85.00	68,000
TIMBER	2004		814,000	Board Ft	0.16	131,000
	2003		47,000		0.21	10,000
TOTALS	2004					\$242,000
	2003					\$112,000

VALUE of AGRICULTURAL and FOREST PRODUCTION

VALUE of AGRICULTURAL PRODUCTS	2003	2004
Field Crops	\$141,360,000	\$119,701,000
Fruit and Nut Crops	91,611,000	131,122,000
Livestock and Poultry Products	48,919,000	56,940,000
Livestock and Poultry	18,436,000	21,510,000
Seed Crops	8,623,000	8,872,000
Apiary Products	4,505,000	4,369,000
Nursery Products	4,179,000	5,006,000
Vegetable Crops	297,000	376,000
TOTAL AGRICULTURAL PRODUCTION	\$317,930,000	\$347,896,000

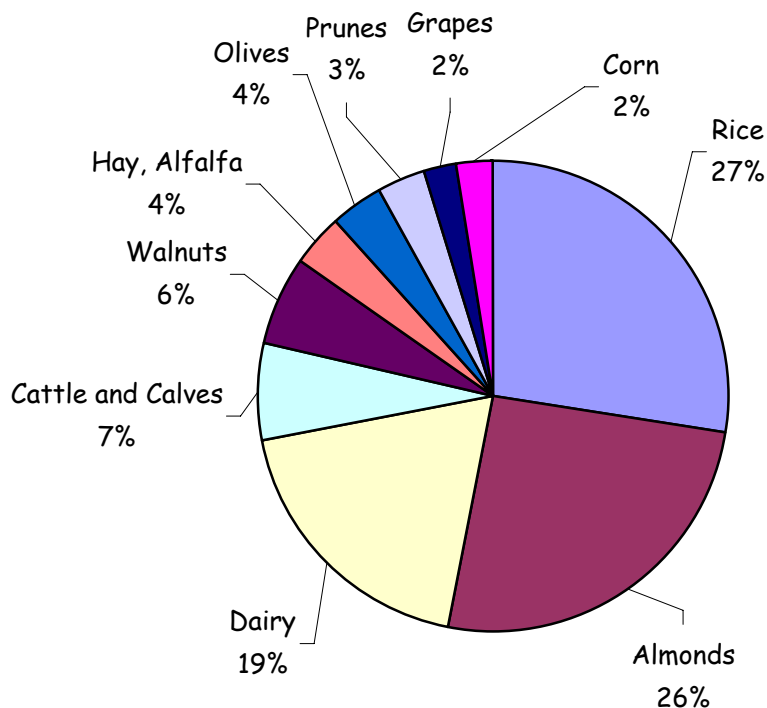
VALUE of FOREST PRODUCTS	2003	2004
Timber	\$10,000	\$131,000
Firewood	68,000	73,000
Christmas Trees	34,000	38,000
TOTAL FOREST PRODUCTION	\$112,000	\$242,000

GRAND TOTAL ALL PRODUCTION \$318,042,000 **\$348,138,000**

GLENN COUNTY'S TEN LEADING AGRICULTURAL COMMODITIES

Commodity	2004 Value
1) Rice	\$83,092,000
2) Almonds	77,847,000
3) Dairy	56,517,000
4) Cattle and Calves	20,661,000
5) Walnuts	18,341,000
6) Hay, Alfalfa	11,356,000
7) Olives	10,979,000
8) Prunes	9,412,000
9) Grapes	7,284,000
10) Corn	7,275,000

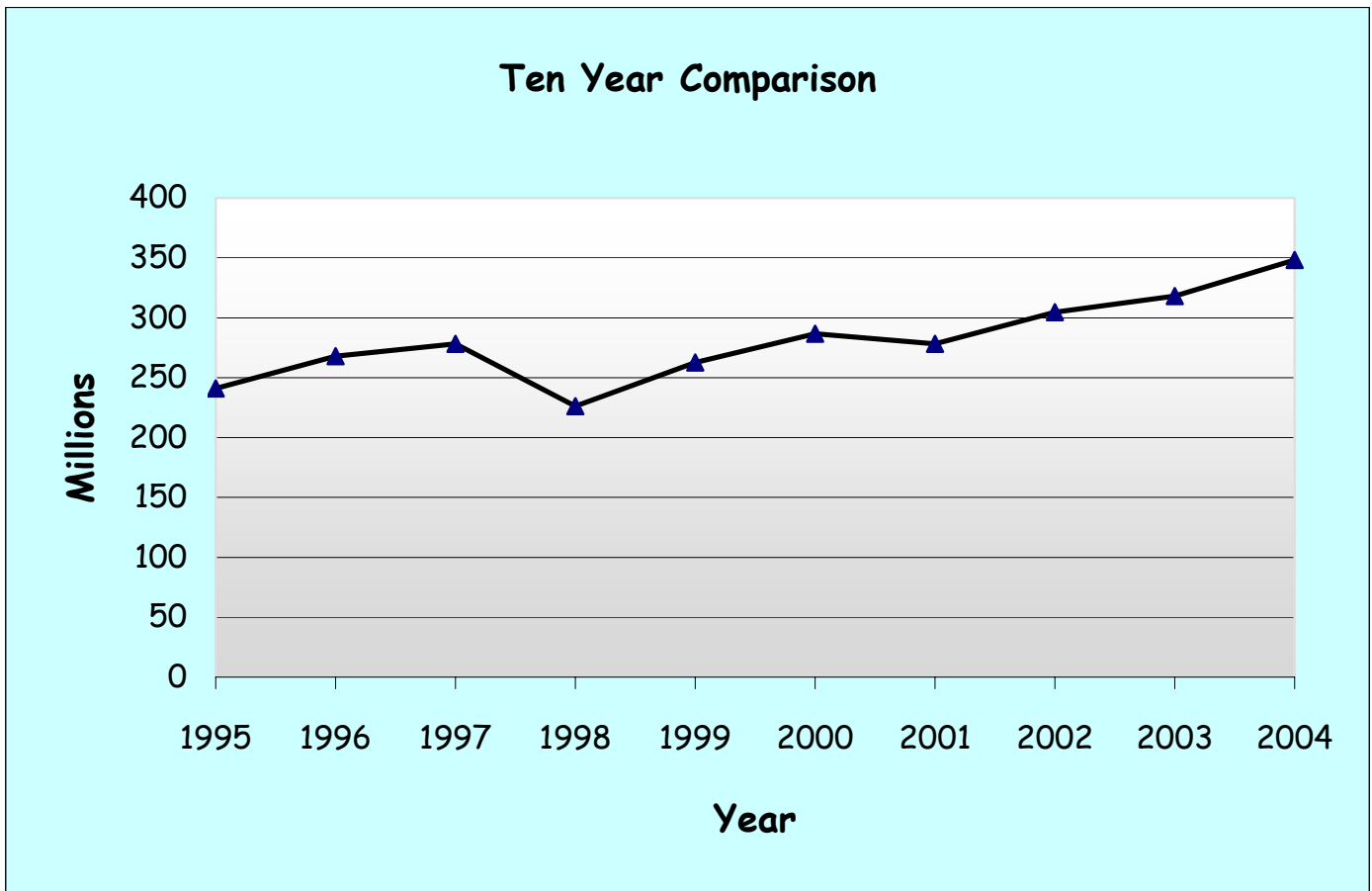
Ten Leading Commodities 2004



TEN YEAR PRODUCTION COMPARISON

1995 - 2004

<u>Year</u>	<u>Grand Total</u>
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
1995	\$240,986,000



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>	Established
	<i>Microlarinus lareyniei</i>	Established
Yellow Starthistle <i>Centaurea solstitialis</i>	Weevil <i>Bangasternus orientalis</i>	Established
	<i>Eustenopus villosus</i>	Established
	<i>Larinus curtus</i>	5 Release Sites
	Fly <i>Urophora sirunaseva</i>	Established
	<i>Chaetorellia australis</i>	Established
Rust <i>Puccinia jaceae</i>	1 Release Site	
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	1
Dyer's Woad <i>Isatis tinctoria</i>	Chemical/Mechanical	11
Perennial Pepperweed (Tall Whitetop) <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

2004 GLENN COUNTY SUSTAINABLE AGRICULTURE

PEST EXCLUSION

Terminal Inspections	Number of Inspections	Rejections	Pest
Postal	11	0	
Truck	5,540	0	
Other	0	0	

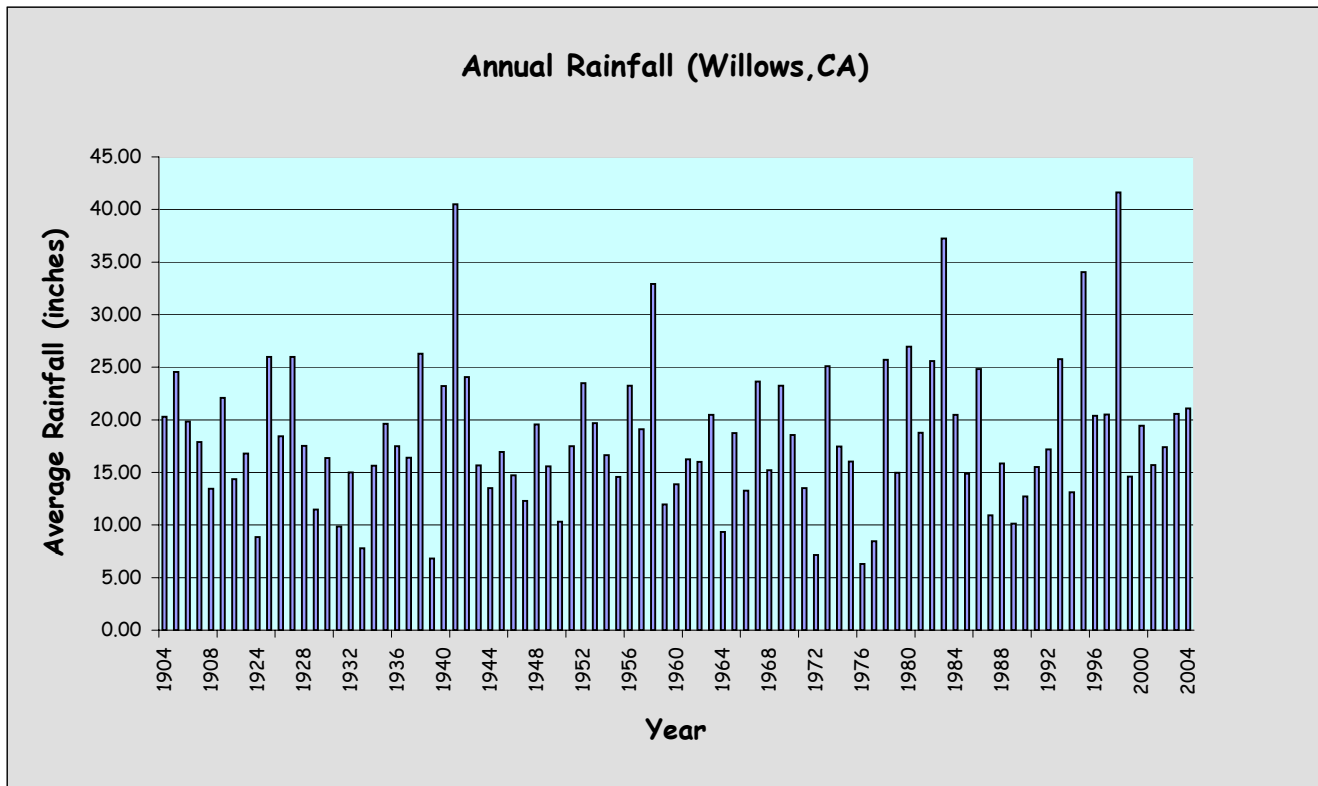
Origin Certification	Number of Inspections
Field Inspections	380
Phyto Certificates Issued	772

ORGANIC FARMING

Crop	Number of Farms	Acres
Almonds	7	316
Citrus	4	118
Fallow	2	18
Prunes	2	48
Olives	1	3
Rice	6	1,905
Safflower	2	50
Vegetables/Herbs	1	2.5

ANNUAL RAINFALL at WILLOWS, CALIFORNIA

Year	Inches	Year	Inches	Year	Inches	Year	Inches
1880 - 1881	13.85	1911 - 1912	11.26	1942 - 1943	15.68	1973 - 1974	17.45
1881 - 1882	8.28	1912 - 1913	13.18	1942 - 1944	13.52	1974 - 1975	16.03
1882 - 1883	8.45	1913 - 1914	29.18	1944 - 1945	16.94	1975 - 1976	6.30
1883 - 1884	18.84	1914 - 1915	27.19	1945 - 1946	14.72	1976 - 1977	8.46
1884 - 1885	7.80	1915 - 1916	18.11	1946 - 1947	12.28	1977 - 1978	25.72
1885 - 1886	19.15	1916 - 1917	11.43	1947 - 1948	19.56	1978 - 1979	14.97
1886 - 1887	8.07	1917 - 1918	11.90	1948 - 1949	15.59	1979 - 1980	26.95
1887 - 1888	8.97	1918 - 1919	12.90	1949 - 1950	10.32	1980 - 1981	18.76
1888 - 1889	10.30	1919 - 1920	7.70	1950 - 1951	17.48	1981 - 1982	25.58
1889 - 1890	29.94	1920 - 1921	21.28	1951 - 1952	23.50	1982 - 1983	37.25
1890 - 1891	19.01	1921 - 1922	13.44	1952 - 1953	19.70	1983 - 1984	20.47
1891 - 1892	18.82	1922 - 1923	16.81	1953 - 1954	16.64	1984 - 1985	14.89
1892 - 1893	27.30	1923 - 1924	8.86	1954 - 1955	14.57	1985 - 1986	24.82
1893 - 1894	11.15	1924 - 1925	25.99	1955 - 1956	23.24	1986 - 1987	10.92
1894 - 1895	26.04	1925 - 1926	18.44	1956 - 1957	19.11	1987 - 1988	15.86
1895 - 1896	22.18	1926 - 1927	25.99	1957 - 1958	32.93	1988 - 1989	10.12
1896 - 1897	18.82	1927 - 1928	17.54	1958 - 1959	11.96	1989 - 1990	12.71
1897 - 1898	6.58	1928 - 1929	11.46	1959 - 1960	13.88	1990 - 1991	15.51
1898 - 1899	13.05	1929 - 1930	16.37	1960 1961	16.24	1991 - 1992	17.19
1899 - 1900	15.23	1930 - 1931	9.85	1961 1962	16.01	1992 - 1993	25.76
1900 - 1901	17.49	1931 - 1932	15.01	1962 1963	20.48	1993 - 1994	13.10
1901 - 1902	21.67	1932 - 1933	7.79	1963 1964	9.34	1994 - 1995	34.04
1902 - 1903	17.10	1933 - 1934	15.65	1964 1965	18.75	1995 - 1996	20.39
1903 - 1904	20.28	1934 - 1935	19.62	1965 1966	13.26	1996 - 1997	20.52
1904 - 1905	24.55	1935 - 1936	17.48	1966 1967	23.65	1997 - 1998	41.62
1905 - 1906	19.85	1936 - 1937	16.40	1967 1968	15.21	1998 - 1999	14.59
1906 - 1907	17.88	1937 - 1938	26.28	1968 - 1969	23.25	1999 - 2000	19.43
1907 - 1908	13.44	1938 - 1939	6.82	1969 - 1970	18.56	2000 - 2001	15.70
1908 - 1909	22.09	1939 - 1940	23.21	1970 - 1971	13.50	2001 - 2002	17.40
1909 - 1910	14.36	1940 - 1941	40.50	1971 - 1972	7.15	2002 - 2003	20.56
1910 - 1911	17.75	1941 - 1942	24.07	1972 - 1973	25.11	2003 - 2004	21.07



STAFF MEMBERS

**Agricultural Commissioner
Sealer of Weights and Measures**

W. R. Duckworth

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

Mark D. Black

Deputy Agricultural Commissioner

Ernie Simpson/Rey M. Lopez

Environmental Biologists:

John F. B. Tolley

Rey Lopez

Jean Miller

Bob Birdseye

Lester Messina

Greg Hinton

Justin Nunes

Support Staff:

Debra Hubbard

Maureen Bailey

Tina Brothers

Jennifer Kline

Air Pollution Staff:

Kevin Tokunaga

Rick Steward

Ben Myhre

Candy Woods

Delia Azure

Dana Owens