

GLENN COUNTY DEPARTMENT OF AGRICULTURE
WILLOWS, CALIFORNIA

ANNUAL REPORT

For the
Year Ending December 31, 1955

P. V. HARRIGAN
Agricultural Commissioner
and
Sealer of Weights and Measures

BOARD OF SUPERVISORS

George J. Otterson, Chairman

George S. Lewis

George E. (Nip) Roberts

Marshall Lane

W. L. Linville

COUNTY OF GLENN
DEPARTMENT OF AGRICULTURE

Memorial Building, Willows

P. V. Harrigan
Agricultural Commissioner
Sealer of Weights and Measures

Telephones:
Willows 240
Orland UNderhill 5-2264

TO: W. C. JACOBSEN, Director

STATE DEPARTMENT OF AGRICULTURE,

and

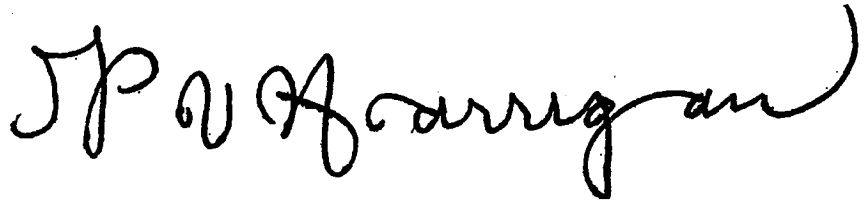
THE HONORABLE BOARD OF SUPERVISORS:

Section 65.5 of the California Agricultural Code requires that the Agricultural Commissioner compile a report covering conditions, acreage, production, and value of the agricultural products of his county; and, Section 65 requires that the Commissioner keep a record of his official acts and make an annual report to the Director on the conditions of the agricultural interests in his county; and, further, Section 30 indicates that the Agricultural Department shall promote and protect the agricultural industry of the state.

This is the nineteenth annual report published by this department. The members of the department have made every effort to make this report as accurate as possible by checking the figures with many sources of reliable information.

I wish to express my sincere appreciation to all those who have cooperated in helping to make this report possible.

Respectfully submitted,



P. V. HARRIGAN

Agricultural Commissioner

CONTENTS

	Page
Production and Value of Agricultural Products	4-5
Annual Rainfall — 77 Year Record	11
Commercial Pest Control Operators' Reports	13
Fifteen Year Production and Value of Principal Commodities	8-9
Agricultural Resources	6
Chemicals Used by this Department	12
Natural Economic Resources	7
Recreational Resources	10
Apiary Inspection	16
Plant Quarantine	16
Weights and Measures Report	15
Comments	14

PERSONNEL

P. V. Harrigan	Agricultural Commissioner
H. I. Tillotson, Jr.	Deputy Sealer and Statistics
Elroy Eberwein	Deputy Sealer and Seed Inspector
F. W. Irland	Pest Control and Pest Control Operators
Charles Cordill	Plant Quarantine and Standardization
Harry McCracken	Rodent Control
Charles Lombard, Jr.	Weed Control
Ellen O. Marzolf	Sr. Stenographer-Clerk
Viola M. Davis	Jr. Stenographer-Clerk

OFFICES

Memorial Building
Willows, California

County Building
Orland, California

TELEPHONE NUMBERS

Willows — 240

Orland — UNderhill 5-2264

PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS

GLENN COUNTY, CALIFORNIA — 1955

FIELD CROPS	Production	Values	Totals
Rice	1,500,000 cwt.	\$ 6,750,000	
Barley	600,000 cwt.	1,500,000	
Wheat	25,000 cwt.	87,000	
Oats	6,000 cwt.	20,000	
Milo	110,000 cwt.	363,000	
Safflower	64,000 cwt.	240,000	
Beans	11,000 cwt.	77,000	
Field Corn	260,000 cwt.	780,000	
Sugar Beets	13,000 tons	190,000	
			\$10,007,000
FORAGE			
Silage Corn	25,000 tons	175,000	
Alfalfa Hay	70,000 tons	1,750,000	
Clover Hay	8,000 tons	90,000	
Mixed Hay	12,500 tons	200,000	
			2,215,000
PASTURE			
Irrigated Pasture	60,000 acres	2,000,000	
Range	250,000 acres	250,000	
Stubble	90,000 acres	100,000	
			2,350,000
SEED CROPS			
Ladino Clover	3,002,000 lbs.	1,622,000	
Other Clover	82,000 lbs.	30,000	
Sudan	2,040,000 lbs.	122,000	
Alfalfa	244,000 lbs.	51,000	
Other Seed	187,000 lbs.	12,000	
			1,837,000
ORCHARD CROPS			
Almonds	1,150,000 lbs.	460,000	
Apricots	950,000 lbs.	47,000	
Olives	1,350,000 lbs.	160,000	
Oranges	200,000 boxes	400,000	
Peaches	800,000 lbs.	32,000	
Prunes	4,600,000 lbs.	759,000	
Pears	6,087,000 lbs.	241,000	
Walnuts, English	700,000 lbs.	210,000	
Walnuts, Black	100,000 lbs.	4,000	
			2,313,000
POULTRY			
Poultry, live	130,000 lbs.	25,000	
Eggs	235,000 doz.	94,000	
Turkeys, live	60,000 head	360,000	
Turkey Eggs	376,000 each	117,000	
			596,000

PRODUCTION AND VALUE OF AGRICULTURAL PRODUCTS

(Continued)

LIVESTOCK	Production	Values	Totals
Market Milk fat	1,160,000 lbs.	\$ 1,241,000	
Mfg. Milk fat	4,325,000 lbs.	3,590,000	
Fat Cattle	18,000 head	2,600,000	
Cattle	14,000 head	1,000,000	
Calves	13,000 head	325,000	
By-products		50,000	
Sheep	25,000 head	125,000	
Lambs	135,000 head	2,295,000	
Wool	1,260,000 lbs.	517,000	
Pelts	4,000 each	12,000	
Hogs	22,000 head	700,000	
			\$12,455,000
APICULTURE			
Package Bees	32,000 lbs.	32,000	
Queens	3,500 each	4,000	
Honey	850,000 lbs.	93,000	
Beeswax	10,000 lbs.	5,000	
Pollination		12,000	
			146,000
GOVERNMENT PAYMENTS			
Agricultural Conservation		45,000	
			45,000
FOREST PRODUCTS			
Logs	12,000,000 bd. feet	350,000	
Milled Lumber	25,000,000 bd. feet	2,250,000	
Christmas Trees	5,000 trees	6,000	
			2,606,000
GRAND TOTAL AGRICULTURAL INCOME - 1955			\$34,570,000

AGRICULTURAL INCOME TOTALS FOR 17 YEARS

Year	Amount
1939	\$ 7,698,200
1940	8,206,700
1941	10,587,500
1942	11,973,200
1943	13,824,600
1944	19,047,000
1945	18,577,000
1946	22,260,000
1947	27,935,000
1948	27,070,000
1949	24,820,000
1950	30,637,000
1951	39,005,000
1952	42,473,700
1953	33,267,000
1954	31,364,000
1955	34,570,000

SEVENTEEN YEAR TOTAL\$403,315,900

AGRICULTURAL RESOURCES

FIELD CROPS	Acreage	Totals
Alfalfa	14,500	
Barley	56,000	
Beans	800	
Corn		
Grain	7,500	
Silage	2,000	
Hay, Mixed	10,000	
Irrigated Pastures	60,000	
Milo	5,500	
Oats	1,000	
Rice	37,765	
Safflower	9,000	
Sudan	1,800	
Sugar Beets	775	
Wheat	3,203	

209,843

ORCHARD CROPS

Almonds	3,900
Apricots	160
Citrus	630
Figs	85
Grapes	16
Miscellaneous Orchard Crops	15
Olives	902
Peaches	90
Pears	169
Prunes	1,475
Walnuts, English	964

8,406

LIVESTOCK AND POULTRY

	Head
Cattle, Beef	18,000
Cattle, Dairy	26,000
Hogs	6,000
Horses and Mules	300
Sheep	140,000
Poultry and Turkey Breeding Stock	24,000

214,300

APIARY

Bees, Registered—(186 Apiaries)	8,394
---------------------------------------	-------

8,394

NATURAL ECONOMIC RESOURCES

Water Resources: Sacramento River, Feather River, Stony Creek, Grindstone Creek and Butte Creek.

Water Storage: Shasta Dam on Sacramento River; Stony Gorge Dam on Stony Creek; East Park Dam on Stony Creek.

Irrigation Districts in Operation:	Acres
Orland, U.S. Reclamation District—Stony Creek	20,000
Glenn-Colusa Irrigation District—Sacramento River	54,435
Jacinto Irrigation District—Sacramento River	12,000
Provident Irrigation District—Sacramento River	12,520
Princeton-Codora-Glenn—Sacramento River	7,000
Willow Creek Mutual Water Company—Sacramento River	1,000
Loam Ridge Irrigation District—Pumps	1,200
Western Canal Company—Feather River	11,000
Stony Creek Valley, Riparian Water Rights	3,800
Pump Irrigation from farm wells	36,000

TOTAL ACREAGE UNDER IRRIGATION	157,955
--------------------------------------	---------

Orland-Artois Irrigation District	18,000
---	--------

Other land suitable for irrigation:

West of present irrigation systems	71,000
Butte City District, East of Sacramento River	25,000
Stony Creek Valley	4,436
West of Orland on Stony Creek, below proposed Black Butte Dam	15,000

ADDITIONAL ACREAGE SUITABLE FOR IRRIGATION	115,436
--	---------

Total Acreage in Glenn County	880,000
Acres in Farm Land	319,000
Acres in Range Land	287,000
Acres in National Forest	221,568
Acres of Standing Timber	86,000
Board Feet of Standing Timber	3,000,000,000

Species of merchantable trees: Sugar Pine, Ponderosa (yellow) Pine, Douglas Fir, White Fir, Red Fir and Incense Cedar.

Sawmills in Operation	1
Natural Gas Wells (Proven)	29
Producing Wells	11
Number of farms in County	1,800

FIFTEEN YEAR PRODUCTION AND

Year	Rice Cwt.	Rice Value	Barley Cwt.	Barley Value	Ladino Seed Pounds	Ladino Seed Value
1941	545,600	\$ 1,271,000	392,400	\$ 575,000	142,000	\$ 83,000
1942	361,940	1,230,600	258,300	407,900	141,000	105,000
1943	394,000	1,300,000	415,000	1,050,000	118,000	150,000
1944	850,000	2,678,000	701,000	1,658,000	325,000	569,000
1945	690,000	2,242,500	675,000	1,671,000	350,000	525,000
1946	1,050,000	4,500,000	700,000	2,233,000	440,000	560,000
1947	1,168,000	7,010,000	680,000	2,470,000	375,000	650,000
1948	840,000	4,200,000	1,112,000	3,172,000	670,000	1,100,000
1949	1,219,000	4,023,000	792,000	2,112,000	800,000	1,140,000
1950	900,000	4,050,000	651,000	1,510,000	2,280,000	2,730,000
1951	1,060,000	5,088,000	500,000	1,550,000	3,200,000	3,765,000
1952	1,500,000	9,000,000	500,000	1,700,000	4,650,000	4,500,000
1953	1,428,000	7,500,000	650,000	1,850,000	2,865,000	1,060,000
1954	1,400,000	6,300,000	750,000	1,800,000	1,915,000	1,050,000
1955	1,500,000	6,750,000	600,000	1,500,000	3,002,000	1,620,000
TOTALS	14,906,540	\$67,143,100	9,376,700	\$25,258,900	21,273,000	\$19,630,000

Year	Prunes Pounds	Prunes Value	Olives Pounds	Olives Value	Oranges Boxes	Oranges Value
1941	2,709,000	\$ 95,000	4,018,000	\$ 285,000	58,400	\$ 133,000
1942	2,069,000	145,000	1,601,000	228,000	64,500	258,000
1943	4,056,000	335,000	3,874,000	846,000	85,000	340,000
1944	4,864,000	487,000	3,858,000	849,000	115,000	431,000
1945	6,000,000	600,000	2,690,000	464,000	85,000	340,000
1946	4,500,000	540,000	1,573,000	201,500	120,000	390,000
1947	7,000,000	500,000	4,479,000	444,000	78,000	187,000
1948	6,000,000	420,000	4,181,000	324,000	45,000	225,000
1949	5,500,000	385,000	1,763,000	190,000	86,000	301,000
1950	3,300,000	418,000	3,123,000	558,000	78,000	234,000
1951	5,544,000	612,000	4,000,000	812,000	105,000	367,000
1952	5,750,000	630,000	3,650,000	580,000	86,000	350,000
1953	4,550,000	550,000	1,250,000	112,000	125,000	625,000
1954	7,800,000	877,000	5,000,000	375,000	120,000	490,000
1955	4,600,000	759,000	1,350,000	160,000	100,000	400,000
TOTALS	74,242,000	\$7,353,000	45,411,000	\$6,428,500	1,350,900	\$5,072,000

Year	Hogs Head	Hogs Value	Lambs & Sheep Marketed Head	Wool Marketed Pounds	Sheep & Wool Value	Turkeys Pounds
1941	34,900	\$ 636,000	111,250	1,477,500	\$ 1,402,000	1,871,000
1942	28,900	749,000	116,200	1,550,000	2,018,000	1,358,000
1943	34,000	995,000	109,000	1,439,000	1,645,500	934,000
1944	41,000	1,104,000	139,000	1,500,000	2,059,000	1,975,000
1945	17,500	612,500	141,000	1,160,000	2,262,000	2,382,000
1946	16,500	725,000	121,000	1,372,000	2,248,000	1,482,000
1947	15,000	900,000	127,500	1,000,000	2,490,000	785,000
1948	20,000	950,000	112,000	1,000,000	2,415,000	500,000
1949	25,000	1,125,000	102,000	840,000	2,388,000	550,000
1950	28,000	1,175,000	110,000	1,000,000	3,526,500	1,265,000
1951	47,500	2,000,000	130,000	1,375,000	4,263,000	1,250,000
1952	52,000	1,672,000	169,000	1,630,000	4,753,000	1,325,000
1953	30,000	994,000	163,000	1,200,000	3,397,500	850,000
1954	20,000	720,000	150,000	1,200,000	3,140,000	1,400,000
1955	22,000	700,000	160,000	1,260,000	2,937,000	1,200,000
TOTALS	432,300	\$15,037,500	1,960,950	19,703,500	\$40,944,500	19,127,000

VALUE OF PRINCIPAL COMMODITIES

no d ae	Other Field & Seed Crops Cwt.	Other Field & Seed Crops Value	Almonds Pounds	Almonds Value	Walnuts Pounds	Walnuts Value
000	165,100	\$ 282,600	471,400	\$ 170,000	508,500	\$ 37,100
600	226,300	282,900	1,999,000	480,000	516,800	39,000
000	102,300	253,000	1,415,500	481,000	895,500	140,000
000	72,900	179,500	2,700,000	918,000	558,000	69,000
000	96,800	309,000	1,900,000	741,000	542,000	89,600
000	117,900	300,000	2,000,000	744,000	492,000	96,500
500	126,600	426,500	2,000,000	680,000	587,000	90,500
000	129,100	554,300	1,250,000	286,000	550,000	85,200
000	192,400	500,800	3,000,000	650,000	1,237,000	159,000
000	91,200	406,600	3,500,000	1,085,000	928,500	140,500
000	65,600	360,500	3,500,000	1,050,000	1,165,500	211,500
000	111,700	578,300	3,750,000	1,025,000	1,085,000	199,000
000	222,900	895,000	3,300,000	780,000	920,000	155,000
000	267,500	1,204,500	2,225,000	587,000	875,000	123,000
000	502,000	2,842,000	1,150,000	460,000	800,000	214,000
100	2,490,300	\$9,375,500	34,160,900	\$10,137,000	11,660,800	\$1,848,900

es e	Other Fruit Fresh & Dried Pounds	Other Fruit Fresh & Dried Value	Butterfat Pounds	Butterfat Value	Cattle & Calves Marketed Head	Cattle & Calves Value
00	4,660,500	\$ 109,000	2,777,000	\$ 1,388,000	13,400	\$ 766,400
00	6,160,000	491,000	2,668,000	1,607,000	12,100	848,300
00	6,723,000	535,000	2,685,000	2,084,000	16,500	990,000
00	6,645,000	692,500	3,034,000	2,503,000	23,500	1,395,000
00	4,649,000	328,000	3,343,500	2,841,000	24,500	1,636,500
00	9,763,000	839,000	2,973,000	2,902,000	23,500	1,695,000
00	6,072,000	390,000	3,400,000	3,260,000	29,000	3,240,000
00	2,382,000	119,000	3,690,000	4,000,500	31,500	4,770,000
00	6,330,000	270,000	3,621,000	3,032,500	43,500	4,134,500
00	4,177,000	295,000	3,711,000	3,711,000	41,300	7,000,500
00	7,562,000	440,000	3,807,000	3,970,000	44,200	8,294,500
00	9,112,000	510,000	3,875,000	4,601,000	41,500	5,540,000
00	5,700,000	376,000	4,802,000	5,010,000	43,500	3,755,000
00	7,450,000	310,000	5,136,000	4,402,000	45,000	3,550,000
00	7,837,000	320,000	5,485,000	4,831,000	45,000	3,925,000
00	95,222,500	\$6,024,500	55,007,500	\$50,143,000	478,000	\$51,540,700

Turkey Eggs Each	Turkeys & Eggs Value	Pounds Packaged Bees	Honey Tons	Bees & Honey Value	Lumber & Logs Bd. Feet	Lumber & Logs Value
219,000	\$ 509,000	19,200	165	\$ 30,000		
204,000	503,000	33,300	216	83,000		
486,000	415,000	37,000	246	86,000		
642,000	1,002,000	48,000	178	166,500		
841,000	1,205,000	30,000	114	76,500	500,000	\$ 20,000
635,000	784,000	37,500	220	164,000	1,400,000	100,000
315,000	409,000	39,000	137	105,000	500,000	50,000
75,000	300,000	38,500	238	131,000	5,000,000	500,000
320,000	332,000	32,000	244	97,000	1,800,000	122,000
400,000	547,000	25,000	144	63,500	7,000,000	240,000
351,000	686,000	24,500	462	123,000	29,000,000	1,067,500
440,000	697,000	26,475	450	131,500	23,000,000	1,647,500
290,000	433,000	25,000	325	121,500	27,000,000	1,956,000
317,000	599,000	25,000	325	95,000	32,000,000	2,000,000
376,000	477,000	32,000	425	125,000	37,000,000	2,600,000
5,911,000	\$8,898,000	472,475	3,889	\$1,598,500	164,200,000	\$10,303,000

RECREATIONAL RESOURCES

Lakes	Stony Gorge Dam and Packer Lake	
Forest Camp Grounds Improved		54
Visitors annually to National Forest areas		28,000
Forest Acreage		221,568
Elevation in Forest—Highest point		7,450
Trout Holding Ponds—Plaskett Meadows—Elevation		6,500
Kinds of Fish:		
Mountain streams—Rainbow Trout, Steelhead		
Rivers—Striped Bass, Black Bass, Salmon, Shad, Catfish, Steelhead, Rainbow Trout, Sturgeon.		
Lakes—Black Bass, Catfish, Sunfish, Crappie, Bluegill.		
Rivers and Creeks: (Length in miles through Glenn County)		
Sacramento River		40
Black Butte River, a tributary of Eel River		7
Stony Creek, main stream		68
Stony Creek, north fork		12
Briscoe Creek		12
Grindstone Creek		28
Cold Creek		6
Willow Creek		37
Butte Creek		12
Walker Creek		20
Estimated number of wild game:		
Columbia Black Tail Deer		12,000
California Black Bear		350
Wild Ducks		800,000
Wild Geese		600,000
Ring-neck Pheasants		100,000
California Valley and Mountain Quail		25,000
Mourning Doves		35,000
Band-tail Pigeons		5,000
Beaver		250
Otter		200
Estimated number of predators:		
Mountain Lions		50
Coyotes		4,500
Bobcats		1,750
Badgers		150
Raccoons		15,000
Skunks		10,000
Mink		500
Grey Fox		6,000
Red Fox		200
Wild Game reported killed by Licensed Hunters and Trappers:		
Deer		758
Mountain Lions		6
Coyotes		144
Muskrats, trapped		15,000
Beaver		17
Mink		30
Raccoon		90
Otter		5
Skunks		30

ANNUAL RAINFALL AT WILLOWS, CALIFORNIA

77 YEARS — 1878-1955

Year	Inches	Year	Inches	Year	Inches
1878-1879.....	7.01	1904-1905.....	24.55	1930-1931.....	9.85
1879-1880.....	13.96	1905-1906.....	19.85	1931-1932.....	15.01
1880-1881.....	13.85	1906-1907.....	17.88	1932-1933.....	7.79
1881-1882.....	8.28	1907-1908.....	13.44	1933-1934.....	15.65
1882-1883.....	8.45	1908-1909.....	22.09	1934-1935.....	19.62
1883-1884.....	18.84	1909-1910.....	14.36	1935-1936.....	17.48
1884-1885.....	7.80	1910-1911.....	17.75	1936-1937.....	16.40
1885-1886.....	19.15	1911-1912.....	11.26	1937-1938.....	26.28
1886-1887.....	8.07	1912-1913.....	13.18	1938-1939.....	6.82
1887-1888.....	8.97	1913-1914.....	29.18	1939-1940.....	23.21
1888-1889.....	10.30	1914-1915.....	27.19	1940-1941.....	40.50
1889-1890.....	29.94	1915-1916.....	18.11	1941-1942.....	24.07
1890-1891.....	19.01	1916-1917.....	11.43	1942-1943.....	15.68
1891-1892.....	18.82	1917-1918.....	11.90	1943-1944.....	13.52
1892-1893.....	27.30	1918-1919.....	12.90	1944-1945.....	16.94
1893-1894.....	11.15	1919-1920.....	7.70	1945-1946.....	14.72
1894-1895.....	26.04	1920-1921.....	21.28	1946-1947.....	12.28
1895-1896.....	22.18	1921-1922.....	13.44	1947-1948.....	19.56
1896-1897.....	18.82	1922-1923.....	16.81	1948-1949.....	15.59
1897-1898.....	6.58	1923-1924.....	8.86	1949-1950.....	10.32
1898-1899.....	13.05	1924-1925.....	25.99	1950-1951.....	17.48
1899-1900.....	15.23	1925-1926.....	18.44	1951-1952.....	23.50
1900-1901.....	17.49	1926-1927.....	25.99	1952-1953.....	19.70
1901-1902.....	21.67	1927-1928.....	17.54	1953-1954.....	16.64
1902-1903.....	17.10	1928-1929.....	11.46	1954-1955.....	14.57
1903-1904.....	20.28	1929-1930.....	16.37		

CHEMICALS USED BY THIS DEPARTMENT

INSECT CONTROL

Aramite	3 Pints
Benzene Hexachloride (BHC)	30 Pounds
Bordeaux	47 Pounds
Chlordane, 72%	5 Gallons
Chlordane dust, 5%	600 Pounds
Cyanogas	30 Pounds
DDT	16 Gallons
DDT (powder)	171 Pounds
Dieldrin	74 Quarts
Dieldrin dust	207 Pounds
Dieldrin-Chlordane treated bran	2,200 Pounds
Kerosene	273 Gallons
Lindane	108 Pounds
Malathion	46 Quarts
Malathion (wetable powder)	404 Pounds
Naphthalene flakes	24 Pounds
Methyl bromide	2,150 c. c.
Methyl bromide gas	65 Pounds
Wetable sulphur	200 Pounds
Zinc Sulphate	110 Pounds
Medium spray oil	250 Gallons
Spreader	336 Pounds

WEED CONTROL

Borax	2,200 Pounds
CMU	332 Pounds
Dalapon	310 Pounds
Diesel oil	1,626 Gallons
Pentachlorophenol	12 Gallons
Polybor Chlorate	4,050 Pounds
Sinox	242 Gallons
Sodium Chlorate	3,160 Pounds
Spreader	300 Pounds
Summer spray oil	323 Gallons
2,4,5-T	5 Gallons
2,4-D	8 Barrels

RODENT CONTROL

Strychnine-treated rice	300 Pounds
Strychnine-treated barley	5,591 Pounds
Strychnine-treated milo	81 Pounds
Zinc-Phosphide-treated barley	1,055 Pounds
"1080" liquid bait	10 Gallons
"1080" treated bait	264 Pounds
Warfarin bait	5,139 Pounds
Carbon Bisulphide	18 Gallons
Strychnine alkaloid	37 Ounces
Cyanogas	24 Pounds
Pivalyn	35 Packets

The Following Table Was Compiled From Commercial Pest Control Operators' Reports And From Permits Issued To Private Farm And Orchard Operators.

284 Permits were issued to use hazardous herbicides and insecticides in 1955.

Crop	Acreage Treated By Aircraft		Acreage Treated By Ground Rig		Total Acreage Treated
	Herbicides	Insecticides	Herbicides	Insecticides	
FIELD CROPS:					
Rice	26,927	2,841	52		29,820
Corn	381	1,247	391		2,019
Barley	4,363		2,955		7,318
Milo	55	200	30	175	460
Alfalfa		665			665
Ladino	875	4,894	1,794	1,320	8,883
Other Clovers		215	29	110	354
Sudan		188	382		570
Melons		60			60
Beans		511		50	561
Other Grains	135	50	95		280
FRUITS & NUTS:					
Almonds				331	331
Walnuts				694	694
Peaches, Prunes, & Apricots		146		226	372
Oranges		10		40	50
Olives				40	40
MISCELLANEOUS:					
Weeds & Summer Fallow	400		1,485		1,885
TOTALS	33,136	11,027	7,213	2,986	54,362

New legislation requires that a permit must be obtained from the Agricultural Commissioner's office before certain pesticides can be purchased. (Section 1080 and 1080.1 Agricultural Code.) The following is a list of materials for which a permit is necessary.

1. Pest control materials containing calcium arsenate, standard lead arsenate or copper acetoarsenite (Paris Green), in dust form.
2. Pest control materials containing tetraethyl pyrophosphate (TEPP).
3. Pest control materials containing parathion.
4. Pest control materials containing ethyl-para-nitrophenyl thionebenzene phosphate (EPN).
5. Pest control materials containing octamethyl pyrophosphoramidate (OMPA).
6. Pest control materials containing 0-0-diethyl-0-2 (ethylmercapto)-ethyl thio-phosphate (systox) (demeton).
7. 2,4-dichlorophenoxyacetic acid (2,4-D).
8. 2,4-5-trichlorophenoxyacetic acid (2,4-5-T).
9. 2-methyl-4-chlorophenoxyacetic acid (MCP).
10. 2,4-dichlorophenoxypropionic acid (2,4-DP).
11. 2,4,5-trichlorophenoxypropionic acid (Silvex).

COMMENTS

The \$34,570,000 income to Glenn County farmers for the year 1955 was \$3,200,000 more than in 1954.

Crops for the most part were about average in yield. Orchard crops have continued in a very enviable position, with prunes, almonds, and oranges setting the pace for the most tree crop returns. The income from produce sold was satisfactory, and in a few instances, prices were better, particularly where frost thinned the tree crops out over a large section of the State; and too, more money was returned than if a full crop had been harvested.

Under restricted planting, there was a reduction of 17,000 acres in the planted rice acreage in 1955. This restraint prevented a tremendous surplus of rice from being grown and put on an already over-burdened market.

Ladino clover led the seed crops with over 3 million pounds harvested this year. This valuable crop is also the mainstay in supplying most of the dairy, sheep, and other stock with green pasture feed.

This past year, dairying has taken an upward trend and made some very remarkable advances. A few of the forward features are that Glenn County with its large acreage of clover pasture, cheap irrigation water, and a herd selection and improvement program tends to focus the attention of market milk suppliers to this area. A great many dairymen have installed pipe-line milkers and large refrigerated milk-holding tanks to hold Grade-A milk until it is picked up by refrigerated tank trucks and taken to metropolitan distributing plants for bottling. Greatly improved roads have helped to reduce the time from farm to distant markets.

The harvesting of forest products in recent years from the 86,000 acres of standing timber has taken on a great deal of action. Most of the timber is fully matured, but earlier cutting of the large timber reserve was delayed for years due principally to the lack of suitable roads into the almost inaccessible timbered area.

Yellow field corn and Safflower are two new crops that seem destined to continue as a profitable addition to the farmer's choice of what to grow.

A new source of income is spreading rapidly. It is easy to harvest and can probably be classed as the farmer's only armchair crop. If you haven't guessed it already—well, it is the 29 proven natural gas wells in the county—and it is rumored that this activity is just in the beginning. From the Beehive Bend along the Sacramento River, drilling has rapidly spread out over a large part of the eastern farming section of the county.

WEIGHTS AND MEASURES REPORT — 1955

TESTED AND SEALED WITHOUT CORRECTION: TOTAL - 472

- 27 Counter Scales
- 10 Spring Scales
- 49 Platform and Dormant Scales
- 4 Hopper Scales
- 24 Livestock Scales
- 26 Vehicle Scales
- 200 Weights
- 13 Vehicle Tank Meters
- 2 Bulk Plant Meters
- 55 Retail Pumps and Meters
- 13 Grease Meters
- 19 Liquid Capacity Measures
- 27 Lubricating Oil Bottles Tested for Capacity
- 1 Farm Holding Tank

TESTED AND SEALED AFTER CORRECTION: TOTAL — 107

- 4 Counter Scales
- 1 Computing Scale
- 27 Platform and Dormant Scales
- 1 Hopper Scale
- 24 Vehicle Scales
- 8 Weights
- 10 Vehicle Tank Meters
- 1 Bulk Plant Meter
- 11 Retail Pumps and Meters
- 1 Lubricating Oil Bottle Tested for Capacity
- 1 Farm Holding Tank

TESTED AND FOUND TO BE OUT OF ORDER: TOTAL — 46

- 3 Counter Scales
- 11 Platform and Dormant Scales
- 5 Livestock Scales
- 3 Vehicle Scales
- 1 Meat Beam and Steelyard
- 13 Weights
- 3 Vehicle Tank Meters
- 7 Retail Pumps and Meters

Signs Inspected: 134 correct, 16 corrected.

Establishments visited during 1955: 240.

Certificates of inspection issued: 185.

APIARY INSPECTION

	Apiaries	Colonies
Registered during 1955	186	8,394
Entering California	1	22
Entering County	44	3,449
Leaving County	45	2,736
Moving within the County	54	2,089
Inspected during 1955	39	1,232
Infected with American Foulbrood	8	24
Burned for American Foulbrood	8	24

PLANT QUARANTINE

INTERSTATE SHIPMENTS:

Number of Shipments Passed	507
Number of Plants Passed	16,610
Number of Shipments Rejected	3
Number of Plants Rejected	34

INTRASTATE SHIPMENTS:

Number of Shipments Passed	325
Number of Plants Passed	34,578
Number of Shipments Rejected	4
Number of Plants Rejected	39