

ANNUAL REPORT

Agricultural Commissioner

—
COUNTY OF GLENN

—
1945
—

P. V. HARRIGAN

GLENN COUNTY DEPARTMENT OF AGRICULTURE
WILLOWS, CALIFORNIA

P. V. Harrigan,
Agricultural Commissioner

A N N U A L R E P O R T
FOR THE
YEAR ENDING DECEMBER 31, 1945

BOARD OF SUPERVISORS

M. G. Haigh, Chairman

Henry McMahon

Richard Nichols

Darwin Picknell

C. C. Adams

PLANT QUARANTINE

The following goods from other counties in California were inspected and passed into Glenn County during the calendar year of 1945:

1,283	Ornamentals
6,114	Bulbs, Corms, and Tubers
182	Rose Bushes
1,481	Bedding Plants
356	Berry Plants
2,055	Strawberry Plants
3,029	Vegetable Plants
405	Packets Flower and Vegetable Seed
100	Cactus Plants
450	Sacks U. S. No. 1 Potatoes
60	Sacks Seed Potatoes
4	Sacks Sweet Corn Seed
10	Sacks Bean Seed
1	Sack Beet Seed
1	Sack Pumpkin Seed
3	Sacks Ladino Clover Seed
1	Sack Hubam Clover Seed
1	Sack Subterranean Clover Seed
203	Sacks Alfalfa Seed
15	Sacks Lotus (Birdsfoot Trefoil) Seed
7	Sacks Grass Seed
100	Napier Grass Cuttings
18	Sacks Ryegrass Seed
5	Sacks Dallas Grass Seed
2	Sacks Orchard Grass Seed
2	Sacks Burnet Seed
15	Sacks Millet Seed
1	Sack Pasture Mixture Seed
5	Sacks Cowpeas Seed
150	Sacks Vetch Seed
1	Sack Alta Fescue Seed
101	Sacks Sudan Grass Seed
34	Sacks Milo Seed
8,338	Deciduous Fruit Trees
4,322	Deciduous Nut Trees
85	Walnut Scions
3,111	Citrus and Subtropical Trees
359	Grapevines

REJECTIONS:

49 shipments

PLANT QUARANTINE (Continued)

The following goods from other states were inspected and passed into Glenn County during the calendar year of 1945:

304	Ornamentals
3,831	Bulbs, Corms, and Tubers
641	Rose Bushes
660	Bedding Plants
271	Berry Plants
955	Strawberry Plants
5,072	Vegetable Plants
1,000	Packets Flower and Vegetable Seed
13	Cactus Plants
74	Sacks Seed Potatoes
5,000	Sacks U. S. No. 1 Irish Potatoes
10	Sacks Onion Sets
1	Sack Crested Wheat Grass Seed
2	Sacks Trifolium Ambignum Seed
1	Sack Milo Seed
5	Sacks Hybrid Corn Seed
5,211	Deciduous Fruit Trees
5	Deciduous Nut Trees
1	Subtropical Tree
63	Grapevines

REJECTIONS:

6 shipments

FARM PRODUCTION

The following crops and livestock were produced in Glenn County during the calendar year of 1945:

1,725,000	Bushels (690,000 sacks)	Rice
1,650,000	Bushels (675,000 sacks)	Barley
84,000	Bushels (36,000 sacks)	Wheat
37,500	Bushels (15,000 sacks)	Milo
76,800	Bushels (27,300 sacks)	Oats
493,000	Pounds	Field Pea Seed
67,000	Pounds	Vetch Seed
350,000	Pounds	Ladino Clover Seed
30,000	Pounds	Alfalfa Seed
8,500	Pounds	Lotus Seed
40,000	Tons	Hay
3,450	Tons	Sugar Beets
520	Tons	Tomatoes
2,000	Sacks	Potatoes
3,342,500	Pounds	Butterfat
402,000	Dozen	Eggs
841,000	Turkey	Eggs
2,381,600	Pounds	Dressed Turkeys
121,670	Pounds	Live Poultry
20,000	Head	Cattle
4,500	Head	Calves
3,500	Cattle	Hides
17,500	Head	Hogs
117,000	Head	Lambs
24,000	Head	Sheep
1,160,000	Pounds	Wool
3,854	Pelts	
30,300	Pounds	Package Bees
600	Queen	Bees
114	Tons	Honey
6,100	Pounds	Beeswax

FARM PRODUCTION (Continued)

1,900,000	Pounds Almonds
342,600	Pounds English Walnuts
200,000	Pounds Black Walnuts
85,000	Boxes Oranges
880,000	Pounds Fresh Apricots
59,000	Pounds Dried Apricots
45,500	Boxes Pears
175,000	Pounds Fresh Peaches
6,000,000	Pounds Dried Prunes
960,000	Pounds Dried Figs
150	Tons Wine Grapes
830,000	Pounds Olives
160,000	Pounds Processed Olives
60,000	Gallons Olive Oil
444	Tons Olive Pomace

EVALUATION OF COMMODITIES

FIELD CROPS

Rice	\$2,242,500	
Barley	1,671,000	
Wheat	136,000	
Oats	61,500	
Milo	49,500	
Field Peas	29,580	
Vetch Seed	4,690	
Ladino Seed	525,000	
Alfalfa Seed	12,000	
Lotus Seed	15,730	
Hay	870,000	
Sugar Beets	40,000	
Tomatoes	13,500	
Irish Potatoes	6,000	\$5,677,000

TREE CROPS

Almonds	741,000	
English Walnuts	83,600	
Black Walnuts	6,000	\$ 830,600
Olive Oil	288,000	
Olives	137,000	
Processed Olives	36,000	
Olive Pomace	3,000	464,000
Prunes, dried	600,000	
Oranges	340,000	
Pears	170,000	
Figs, dried	80,000	
Apricots, fresh	44,000	
Apricots, dried	15,000	
Peaches, fresh	9,000	
Grapes	10,000	1,268,000
		2,562,600

BEEES AND HONEY

Package Bees	48,500	
Queens	600	
Honey	27,500	
Wax	2,600	79,200

EVALUATION OF COMMODITIES
(Continued)

CATTLE

Butterfat	\$2,841,100	
Cattle	1,600,000	
Calves	22,500	
Hides	14,000	\$4,477,600

SHEEP

Lambs	1,580,000	
Sheep	120,000	
Wool	556,800	
Pelts	5,000	2,261,800

HOGS

Hogs		612,500
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POULTRY

Turkeys, dressed	953,000	
Turkey eggs	252,300	
Live Poultry	31,700	
Chicken Eggs	152,800	1,389,800
		\$ 8,741,700

AGRICULTURAL ADJUSTMENT ADMINISTRATION
(1945 payments)

Conservation Payments (Est.)	\$24,000	
Dairy Subsidy	436,000	
Beef Subsidy	2,500	
Lamb Subsidy	36,000	498,500

UNREPORTED FARM INCOME (Est.)

Estimated returns to farmers for produce - unreported		1,000,000
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FOREST PRODUCTS

Lumber		15,750
Christmas Trees		2,250

GRAND TOTAL

\$18,577,000

NATURAL ECONOMIC RESOURCES

Population	15,000
Water Resources.	Sacramento River Stony Creek Grindstone Creek
Water Storage.	Shasta Dam on Sacramento River Stony Gorge Dam on Stony Creek East Park Dam on Stony Creek
Total area (acres)	880,000
Irrigation Districts in Operation.	6
Approximate acreage in each district:	
Orland, U. S. Reclamation District.	20,000
Glenn-Colusa Irrigation District (Glenn County).	51,821
Jacinto Irrigation District	12,000
Provident Irrigation District	13,012
Princeton-Codora-Glenn Irrigation District	6,000
Loam Ridge Irrigation District.	1,200
Other land suitable for irrigation	75,000
Forest acreage:	
National forest	221,000
Acres of standing timber.	105,000
Number of farms in Glenn County.	1,400
Average acreage of each farm	393
Number of farms over 1,000 acres	127

AGRICULTURAL ECONOMIC RESOURCES

Field Crop Acreage

Barley	74,000	
Rice	30,000	
Ladino Clover	30,000	
Alfalfa	10,000	
Wheat	8,000	
Milo	6,000	
Oats	1,800	
Oats and Vetch Hay	2,500	
Sudan	900	
Lotus	850	
Sugar Beets	300	
Tomatoes	35	
Potatoes	30	164,415

Fruit and Nut Acreage

Almonds	4,649	
Prunes	1,792	
Citrus	806	
Apricots	680	
Walnuts	688	
Olives	562	
Peaches	218	
Pears	205	
Figs	288	
Grapes	233	10,121

Livestock

(not including lambs or calves)

Sheep	135,000
Dairy cattle	18,500
Beef cattle	12,000
Hogs	8,000
Horses and Mules	1,121
Chickens	75,000
Breeding Turkeys	16,000

NATURAL RECREATIONAL RESOURCES

Lakes	Stony Gorge Dam and Packer Lake	
Summer Camping Grounds, Improved,		16
	Partially Improved	38
Estimated Number of Recreationists to National Forest Areas		5,800
Forest Acreage.		220,000
Elevations in Forest.	3,000 to 7,450	
Trout holding Ponds	Plaskett Meadows Elevation -6,500	

Plaskett Meadows Trout Pond
stocked with 20,000 Rainbow Trout in 1945

Kinds of Fish:

Mountain Streams -- Rainbow Trout
Rivers -- Striped Bass, Black Bass, Salmon, Shad,
and Catfish

Rivers and Creeks:

(Length in miles through Glenn County)

Sacramento River	26
Black Butte River, a tributary of Eel River.	20
Stony Creek, main stream	68
Stony Creek, north fork.	12
Briscoe Creek.	12
Grindstone Creek	28
Cold Creek	6

Estimated number of wild game:

Columbia Black Tail Deer	15,000
California Brown Bear.	120
Mountain Lions	30
Wild Ducks	700,000
Wild Geese	175,000
Ring-neck Pheasants.	75,000
California Valley Quail.	12,000
Coyotes.	1,000
Bobcats.	350
Badgers.	25
Raccoons	1,000
Skunks	2,000

Other game:

Mountain Quail, Wild Pigeon, Doves

Number of deer killed by hunters	1,040
Estimated number of deer hunters	4,750

PRESENT AND POST WAR PLANNING

	<u>Funds On Hand</u>	<u>Estimated Cost</u>
County Hospital	\$137,200	\$ 250,000
Glenn County High School Willows	162,293	175,000
Cafeteria Building, Orland Grammar School	20,500	50,000
Sacramento River Bridge at Butte City, Highway #20 (State)		750,000
Mendocino Pass, Highway 99W to Coast Highway 101 (State and Federal)		3,500,000
Federal Building, Orland		110,000
County roads and bridges		312,500
Increased Irrigation Development		500,000

Development by Private Enterprise

Producing Natural Gas Wells 5

Timber

1,350,000,000 board feet of standing
timber on 105,000 acres in the National
Forest of the following species of
merchantable trees:

Sugar pine
Ponderosa (yellow) pine
Douglas fir
White fir
Red fir
Incense Cedar

Sawmills operating in 1945 2

Lumber cut 450,000 board feet

Planned lumber cut per year
under sustained yield 20,250,000 board feet

Christmas trees cut 1,225

POISON REPORT

Chemicals and poisons used in weed and pest control during 1945:

5,103	Pounds	Poison	Barley
104	Pounds	Poison	Milo
105	Pounds	Poison	Wheat
284	Pounds	Poison	Oats
1,086	Pounds	Poison	Rice
7,439	Pounds	Poison	Bran
2,600	Ounces	Ant	Poison
63	Pounds	Red Squill	Baits
22	Pounds	Sodium Fluosilicate	
10	Pounds	Sodium Fluoride	
35	Pounds	Napthalene	Flakes
30	Pounds	Chlorpicrin	
422	Pounds	Lead Arsenate	
26	Pounds	Calcium Arsenate	
15	Gallons	DDT	
2	Pounds	Para-dichlorobenzene	
600	Pounds	Sodium Chlorate	
21	Gallons	Sinox	
6,555	Gallons	Diesel Oil	
45	Pounds	2, 4-D	

APIARY REPORT

8,200 colonies of bees in 200 apiaries were registered during 1945.

3,312 colonies in 51 apiaries were certified to move from other counties in California into Glenn County.

2,984 colonies in 43 apiaries were certified to move from Glenn County to other counties in California.

5,147 colonies in 147 apiaries were inspected during the calendar year of 1945.

36 colonies in 16 apiaries were found to be infected with American Foulbrood. 78 colonies in 9 apiaries were found to be infected with European Foulbrood.

30,300 pounds of package bees, 600 queens, 114 tons of honey, and 6,100 pounds of beeswax were shipped out of Glenn County during 1945.

WEIGHTS AND MEASURES REPORT

Tested and sealed without correction:

- 50 Counter Scales
- 27 Spring Scales
- 33 Computing Scales
- 69 Platform Scales
- 33 Heavy Capacity Scales
- 148 Weights
- 2 Vehicle Tanks Gauged
- 112 Retail Measuring Pumps and Meters
- 5 Meters Wholesale

Tested and sealed after correction:

- 8 Counter Scales
- 2 Spring Scales
- 10 Computing Scales
- 24 Platform Scales
- 24 Heavy Capacity Scales
- 78 Weights
- 2 Vehicle Tanks Gauged
- 46 Retail Measuring Pumps and Meters

Tested and found to be out of order:

- 4 Counter Scales
- 6 Spring Scales
- 1 Computing Scale
- 4 Platform Scales
- 3 Heavy Capacity Scales
- 18 Retail Measuring Pumps and Meters
- 5 Meters Wholesale

Condemned and Confiscated:

- 2 Retail Measuring Pumps and Meters

During the calendar year 243 establishments were visited and 207 certificates were issued.

FARM COMMENTS:

The report for the year 1945 is largely in figures, and for that reason will need little or no additional comment. However, there are a few thoughts having to do with the immediate present and future that should be of interest.

There are several projects in the course of development which may affect the general agricultural program of Glenn County. One is the beginning of lumbering in the timber area in the mountains on the West side of the county. Another project in prospect is a high-line canal from Shasta Dam, crossing the county a few miles West of the present irrigated area.

The construction of several modern rice driers, and bulk storage and loading bins for barley, wheat, and rice, are making a definite change in the methods of handling grain and cereal crops.

Ladino clover can be properly given first place among forage crops. It is largely responsible for the prosperity of those farmers who make use of irrigated pastures. In 1945 350,000 pounds of ladino clover seed were harvested. This income, added to the value of the pasture, presents an enviable record.

Respectfully submitted,

P V Harrigan

P. V. Harrigan,
Agricultural Commissioner.