

ANNUAL REPORT

Agricultural Commissioner

—
COUNTY OF GLENN

—
1946

—
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, 1946

BOARD OF SUPERVISORS

M. G. Haigh, Chairman

Henry McMahon

Richard Nichols

Darwin Picknell

C. C. Adams

PLANT QUARANTINE

The following plant material from other counties in California was inspected and passed into Glenn County during the calendar year of 1946:

3,647	Ornamentals
14,916	Bulbs, Corms, and Tubers
454	Rose Bushes
11,406	Bedding Plants
411	Berry Plants
1,747	Strawberry Plants
13,490	Vegetable Plants
1,468	Packets Flower and Vegetable Seed
255	Cactus Plants
2,000	Sacks Potatoes
3	Sacks Sweet Corn Seed
4	Sacks Bean Seed
2	Sacks Garden Pea Seed
3	Pounds Onion Seed
3	Sacks Melon Seed
2	Sacks Peanut Seed
47	Sacks Ladino Seed
1	Sack White Dutch Clover Seed
6	Sacks Mixed Lotus and Ladino Seed
1	Sack Subterranean Clover Seed
1	Sack Hubam Clover Seed
5	Sacks Alsike Clover Seed
7	Sacks Sweet Clover Seed
1	Sack Red Clover Seed
1	Sack Bur Clover Seed
6	Sacks Lotus (Birdsfoot Trefoil) Seed
301	Sacks Alfalfa Seed
245	Pounds Lawn Grass Seed
2	Sacks Kentucky Bluegrass Seed
25	Pounds Rye Seed
23	Sacks Ryegrass Seed
5	Pounds Astoria Bent Grass Seed
1	Sack Brome Grass Seed
1	Sack Burnet Grass Seed
14	Pounds Harding Grass Seed
4	Sacks Dallis Grass Seed
2	Sacks Canary Grass Seed
3	Sacks Orchard Grass Seed
2	Sacks Crested Wheat Grass Seed
1	Sack Timothy Grass Seed
2	Sacks Red Top Grass Seed
1	Sack Michael's Grass Seed
37	Sacks Proso Seed
7	Sacks Austrian Pea Seed
30	Sacks Pasture Mixture Seed
188	Sacks Vetch Seed
2	Sacks Tall Fescue Seed
70	Sacks Sudan Grass Seed
65	Sacks Milo Seed

(PLANT QUARANTINE contd.)

7,709 Deciduous Fruit Trees
17,308 Deciduous Nut Trees
4,266 Citrus and Subtropical Trees
287 Grapevines

REJECTIONS:

262 Deciduous fruit and nut trees were rejected.

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The following plant material from other states was inspected and passed into Glenn County during the calendar year of 1946:

832 Ornamentals
9,522 Bulbs, Corms, and Tubers
226 Rose Bushes
1,634 Bedding Plants
468 Berry Plants
852 Strawberry Plants
16,041 Vegetable Plants
443 Packets Flower and Vegetable Seed
2,050 Sacks Potatoes
3 Cars Alfalfa Hay
100 Pounds White Kentucky Wonder Beans
3 Sacks Alfalfa Seed
1 Sack Giant Korean Clover Seed
100 Clover Plants
1 Sack Lespedeza Seed
1 Sack Barley Seed
1 Sack Buckwheat Seed
2 Sacks Proso Seed
2 Sacks German Millet Seed
1 Sack Rape Seed
5 Sacks Milo Seed
101 Sacks Common Vetch Seed
2 Sacks Crotonaria Grass Seed
2 Sacks Soy Bean Seed
100 Grass Cuttings
218 Deciduous Fruit Trees
81 Deciduous Nut Trees
5 Citrus and Subtropical Trees
112 Grapevines

REJECTIONS:

106 plants were rejected

A careful inspection of all in-coming shipments of plant products and seeds has largely prevented the introduction into Glenn County of any serious insect pests or plant diseases, with the exception of a small infestation of red scale. Measures have been adopted by the county for the control of this serious pest.

FARM PRODUCTION

The following crops and livestock were produced in Glenn County during the calendar year of 1946:

2,100,000	Bushels (1,050,000 sacks)	Rice
1,750,000	Bushels (700,000 sacks)	Barley
177,000	Bushels (71,000 sacks)	Wheat
12,500	Bushels (5,000 sacks)	Milo
19,000	Bushels (7,500 sacks)	Oats
315,500	Pounds Field Pea Seed	
50,000	Pounds Vetch Seed	
440,000	Pounds Ladino Clover Seed	
25,000	Pounds Alfalfa Seed	
13,000	Pounds Lotus Seed	
32,000	Tons Hay	
10,000	Tons Sugar Beets	
1,700	Tons Tomatoes	
2,973,000	Pounds Butterfat	
907,000	Dozen Eggs	
635,000	Turkey Eggs	
1,482,000	Pounds Dressed Turkeys	
220,000	Pounds Live Poultry	
6,000	Head Beef Cattle	
12,000	Head Cattle	
5,500	Head Calves	
3,450	Cattle Hides	
16,000	Head Hogs	
95,000	Head Lambs	
26,000	Head Sheep	
1,372,000	Pounds Wool	
4,800	Pelts	
37,500	Pounds Package Bees	
500	Queen Bees	
220	Tons Honey	
6,000	Pounds Beeswax	
2,000,000	Pounds Almonds	
302,000	Pounds English Walnuts	
190,000	Pounds Black Walnuts	
120,000	Boxes Oranges	

FARM PRODUCTION (Continued)

1,200,000	Pounds Fresh Apricots
450,000	Pounds Dried Apricots
110,000	Boxes Pears
87,500	Pounds Fresh Peaches
240,000	Pounds Dried Peaches
4,500,000	Pounds Dried Prunes
1,166,000	Pounds Dried Figs
600,000	Pounds Sub-Standard Dried Figs
260	Tons Wine Grapes
865,000	Pounds Olives
200,000	Pounds Processed Olives
11,500	Gallons Olive Oil
200	Tons Olive Pomace

FOREST PRODUCTS:

Lumber milled.....	920,000 board feet
Poles and posts.....	24,000 board feet
Christmas trees.....	2,700

EVALUATION OF COMMODITIES

FIELD CROPS

Rice	\$4,500,000	
Barley	2,233,000	
Wheat	235,000	
Oats	24,500	
Milo	16,000	
Field Peas	20,500	
Vetch Seed	4,000	
Ladino Seed	560,000	
Alfalfa Seed	10,000	
Lotus Seed	23,000	
Hay	950,000	
Sugar Beets	135,000	
Tomatoes	45,000	\$8,756,000

TREE CROPS

Almonds	\$ 743,600	
English Walnuts	90,600	
Black Walnuts	5,700	
Olive Oil	92,000	
Olives	78,000	
Processed Olives	30,000	
Olive Pomace	1,400	
Prunes, dried	540,000	
Oranges	390,000	
Pears	412,500	
Figs, dried	161,300	
Apricots, fresh	57,000	
Apricots, dried	140,000	
Peaches	43,400	
Grapes	24,500	2,810,000

BEEES AND HONEY

Package Bees	\$ 75,000	
Queens	500	
Honey	88,800	
Wax	2,700	167,000

EVALUATION OF COMMODITIES
(Continued)

FORWARD.....\$11,733,000

CATTLE

Butterfat	\$2,902,000		
Beef Cattle	900,000		
Cattle	720,000		
Calves	55,000		
Hides	20,000	\$4,597,000	

SHEEP

Lambs	1,425,000		
Sheep	195,000		
Wool	618,000		
Pelts	10,000	2,248,000	

HOGS

Hogs		725,000	
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POULTRY

Turkeys, dressed	625,000		
Turkey eggs	159,000		
Live Poultry	77,000		
Chicken Eggs	440,000	1,301,000	\$ 8,871,000

AGRICULTURAL ADJUSTMENT ADMINISTRATION
(1946 payments)

Conservation Payments (Est.)	\$ 80,000		
Dairy Subsidy	295,000		
Beef Subsidy	5,500		
Lamb Subsidy	229,500		610,000

UNREPORTED FARM INCOME (Est.)

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

Posts and poles	2,000		
Lumber	41,500		
Christmas Trees	2,500		46,000

GRAND TOTAL

\$22,260,000

NATURAL ECONOMIC RESOURCES

Population	15,000
Water Resources.	Sacramento River Stony Creek Grindstone Creek Butte 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

Approximate acreage in each district:

Orland, U. S. Reclamation District.	20,000
Glenn-Colusa Irrigation District (Glenn County).	54,435
Jacinto Irrigation District	12,000
Provident Irrigation District	13,012
Princeton-Codora-Glenn Irrigation District	6,000
Western Canal Company	11,000
Loam Ridge Irrigation District.	1,200
Stony Creek Valley, Riparian Water Rights	1,000
Pump Irrigation from Farm Wells	12,000

Other land suitable for irrigation:

West of Present Irrigation Systems.	75,000
Butte City District, East of Sacramento River	25,000
Stony Creek Valley	1,200

Acres of Timber Land	221,408
Number of farms in Glenn County.	1,450
Average acreage of each farm	380
Number of farms over 1,000 acres	127

AGRICULTURAL ECONOMIC RESOURCES
(1946)

Field Crop Acreage

Barley	75,000	
Rice	30,000	
Ladino Clover	35,000	
Alfalfa	9,000	
Wheat	10,000	
Milo	1,000	
Oats	800	
Oats and Vetch Hay	3,000	
Sudan	500	
Lotus	850	
Sugar Beets	900	
Tomatoes	60	
Field Peas	350	166,460

Fruit and Nut Acreage

Almonds	4,808	
Prunes	1,892	
Citrus	806	
Apricots	686	
Walnuts	688	
Olives	593	
Peaches	241	
Pears	205	
Figs	288	
Grapes	233	10,440

Livestock

(not including lambs or calves)

Sheep	125,000	
Dairy cattle	19,000	
Beef cattle	13,000	
Hogs	8,000	
Horses and Mules	1,114	
Chickens	100,000	
Breeding Turkeys	20,000	

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.		20,000
Forest Acreage.		220,000
Elevations in Forest.	3,000 to 7,450	
Trout holding Ponds	Plaskett Meadows Elevation -6,500	

Kinds of Fish:

Mountain Streams -- Rainbow Trout
 Rivers -- Striped Bass, Black Bass, Salmon, Shad,
 and Catfish; also Steelhead and
 Rainbow Trout.

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	8,000
California Brown Bear.	120
Mountain Lions	18
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	2,000
Skunks	2,000

Other game:

Mountain Quail, Wild Pigeon, Doves

Number of deer killed by hunters.	760
Estimated number of deer hunters	11,400

DEVELOPMENT PROGRAM

	<u>Funds On Hand</u>	<u>Estimated Cost</u>
County Hospital	\$177,600	\$250,000
Glenn County High School Willows	163,500	175,000
Cafeteria Building, Orland Grammar School	50,000	50,000
Orland Joint Union Elementary School	85,000	
Hamilton Elementary School	45,000	
Sacramento River Bridge at Butte City, Highway #20 (State)	700,000	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		242,000
Federal Aid, Secondary Roads and Bridges		238,000
Increased Irrigation Development		1,000,000
Development by Private Enterprises		
Producing Natural Gas Wells	5	
Timber		
1,516,000,000 board feet of standing timber on 221,408 acres of timber land 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 1946	2	
Lumber cut	920,000 board feet	
Logs shipped out	500,000 board feet	
Planned lumber cut per year under sustained yield	23,000,000 board feet	
Christmas trees cut		2,700

POISON REPORT

Chemicals and poisons used in weed and pest control during 1946:

3,239	Pounds	Poison Barley
67	Pounds	Poison Milo
62	Pounds	Poison Wheat
252	Pounds	Poison Oats
1,096	Pounds	Poison Rice
3,522	Pounds	Poison Bran
1,117	Ounces	Ant Poison
98	Pounds	Red Squill Baits
387	Pounds	Lead Arsenate
41	Ounces	Antu
26	Gallons	Sodium Arsenite
5	Gallons	Black Leaf 40
234	Ounces	Strychnine
24	Ounces	Cynogas
10	Pounds	Botano-R
40	Pounds	Sodium Fluosilicate
144	Pounds	DDT
139	Pounds	Bluestone
9,276	Gallons	Diesel Oil
39	Gallons	Summer Oil
1,300	Pounds	Sodium Chlorate
181	Pounds	2, 4-D
200	Pounds	Borax

APIARY REPORT

470 colonies of bees in 16 apiaries were registered during 1946.

3,438 colonies of bees in 12 apiaries were certified to move from other counties in California into Glenn County.

3,655 colonies in 14 apiaries were certified to move from Glenn County to other counties in California.

2,315 colonies in 86 apiaries were inspected during the calendar year of 1946.

19 colonies in 10 apiaries were found to be infected with American Foulbrood. 1 colony in 1 apiary was found to be infected with European Foulbrood.

37,500 pounds of package bees, 500 queens, 220 tons of honey, and 6,000 pounds of beeswax were shipped out of Glenn County during 1946.

WEIGHTS AND MEASURES REPORT

(FOR THE YEAR 1946)

Tested and sealed without correction:

4 Counter Scales
3 Spring Scales
1 Computing Scale
29 Platform Scales
32 Heavy Capacity Scales
65 Weights
5 Vehicle Tanks Gauged
39 Retail Measuring Pumps and Meters

Tested and sealed after correction:

4 Counter Scales
3 Computing Scales
9 Platform Scales
18 Heavy Capacity Scales
1 Weight
1 Vehicle Tank Gauged
3 Retail Measuring Pumps and Meters
1 Wholesale Meter

Tested and found to be out of order:

1 Counter Scale
5 Platform Scales
6 Heavy Capacity Scales
4 Retail Measuring Pumps and Meters

During the calendar year 116 establishments were visited, and 34 certificates were issued.

FARM COMMENTS

These closing remarks are added in an effort to give in a brief outline the farm progress in Glenn County during the past 10 years.

For 1937 the farm income was \$6,700,000. In each succeeding year there has been a general increase both in farm income and general crop production. The farm income for 1946 was \$22,260,000, or an increase of over 200% in a ten year period.

The population in 1937 was 11,000, and the estimated population today is 15,000, or an increase of 4,000 in population and \$15,000,000 in annual income.

Using the 1937 figures for the county tax assessment of \$384,000 as a comparison, the tax for 1946 amounted to \$811,000. The increase was due to a tax to raise funds for a County Hall of Records and a building fund for the Willows, Orland, and Hamilton City High Schools.

Irrigated crops have contributed largely to the increase of the county's wealth. For the past few years there has been an increased activity in levelling land for irrigation. In the entire county there are 125,000 acres under irrigation, with another 100,000 acres adaptable for irrigation. The two outstanding irrigated field crops are rice, which made up 18% of the county's farm income, and ladino clover, which provides feed for most of the dairy cows, a part of the beef cattle, and sheep pasture.

Respectfully submitted,

P. V. Harrigan
P. V. Harrigan,
Agricultural Commissioner.