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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Glenn County

1942-1947

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,
<http://giannini.ucop.edu/>.

The work was completed by the staff of the Giannini Foundation Library, University of California, Berkeley, <http://are.berkeley.edu/library/>. **Please contact the Library to consult the originals.**

OUTGOING SHIPMENTS

The following farm products, by-products and livestock were shipped out of Glenn County during the calendar year of 1942:

904,850	Bushels (361,940 sacks)	Rice
639,400	Bushels (255,760 sacks)	Barley
230,070	Bushels (92,028 sacks)	Wheat
137,424	Bushels (61,122 sacks)	Milo
10,044	Bushels (4,489 sacks)	Oats
140,834	Pounds	Ladino Clover Seed
20,877,675	Pounds	Sugar
2,677,792	Pounds	Butterfat
411,232	Dozen	Eggs
204,527	Turkey Eggs	for Hatching
1,358,244	Pounds	Dressed Turkeys
294,068	Pounds	Live Poultry
2,342	Head	Veal Calves
117	Head	Milk Cows
5,589	Head	Fat Cattle
4,032	Head	Feeder Cattle
921	Cow	Hides
1,549,622	Pounds	Wool
8,220	Pounds	Sheep Pelts
96,727	Head	Lambs
1,930	Head	Feeder Lambs
17,569	Head	Sheep
28,809	Head	Hogs
33,288	Pounds	Package Bees and Queens
1,900	Additional	Queens
5,000	Pounds	Beeswax
432,000	Pounds	Honey
581	Tons	Alfalfa
1,999,222	Pounds	Almonds
190,820	Pounds	English Walnuts
326,000	Pounds	Black Walnuts

(Continued)

64,515	Boxes	Oranges
812	Boxes	Lemons
68,000	Pounds	Lemon By-products
455,220	Pounds	Fresh Apricots
243,411	Pounds	Dried Apricots
145,455	Pounds	Apricot Pits
275,650	Pounds	Wine Grapes
4,000	Pounds	Raisins
78,828	Boxes	Pears
140,000	Pounds	Cannery Pears
2,669	Boxes	Peaches
123,800	Pounds	Dried Peaches
2,068,508	Pounds	Dried Prunes
588,677	Pounds	Dried Figs
22,462	Gallons	Olive Oil
891,000	Pounds	Olives
686,295	Pounds	Processed Olives
24,000	Pounds	Olive Pomace

EVALUATION OF COMMODITIES SHIPPED

CATTLE

Butterfat	\$1,606,675.00	
Fat Cattle	487,650.00	
Feeder Cattle	342,720.00	
Milk Cows	12,870.00	
Cow Hides	4,485.00	
Veal Calves	538.00	\$2,454,938.00

GRAIN

Rice	1,230,596.00	
Barley	407,937.00	
Wheat	241,296.00	
Milo	133,704.00	
Oats	7,855.00	2,021,388.00

SHEEP

Lambs	1,112,360.00	
Wool	743,818.00	
Sheep	140,552.00	
Feeder Lambs	17,370.00	
Sheep Pelts	3,945.00	2,018,045.00

TREE CROPS

Almonds	479,813.00	
English Walnuts	11,450.00	
Black Walnuts	5,542.00	
Oranges	258,060.00	
Lemons	4,060.00	
Lemon By-products	510.00	
Olive Oil	89,848.00	
Processed Olives	89,218.00	
Olives	49,000.00	
Pears	354,726.00	
Cannery Pears	4,200.00	
Peaches	2,669.00	
Dried Peaches	17,332.00	
Dried Prunes	144,795.00	
Dried Figs	44,150.00	
Fresh Apricots	18,208.00	
Dried Apricots	43,813.00	
Apricot Pits	1,818.00	
Wine Grapes	3,588.00	
Raisins	140.00	1,622,940.00

EVALUATION OF COMMODITIES SHIPPED
(Continued)

SUGAR

Sugar	\$1,137,834.00	\$1,137,834.00
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HOGS

Hogs	749,034.00	749,034.00
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POULTRY

Turkeys	461,803.00	
Chicken Eggs	143,931.00	
Live Poultry	64,695.00	
Turkey Eggs	40,905.00	711,334.00

HAY AND SEED

Ladino Clover Seed	105,625.00	
Alfalfa Hay.	12,782.00	118,407.00

BEEES AND HONEY

Honey	51,840.00	
Package Bees and Queens	31,284.00	
Beeswax	2,000.00	85,124.00

AGRICULTURAL ADJUSTMENT ADMINISTRATION
(1942 payments)

Conservation Payments	50,000.00	
Payments under price adjustment act:		
Rice	10,000.00	
Sugar Beets	26,000.00	86,000.00

UNREPORTED RETURNS TO FARMERS

Estimated returns to farmers for produce - unreported		500,000.00
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MINERALS

Chromium	448,000.00	
Magnesium	3,200.00	451,200.00

	GRAND TOTAL	\$11,973,244.00
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NATURAL ECONOMIC RESOURCES

Population	12,350
Water Resources Sacramento River and Stony Creek	
Total Area (acres)	880,000
 Irrigation Districts in Operation	 6
Approximate acreage of each district:	
Orland, U. S. Reclamation District . .	20,000
Glenn-Colusa Irrigation District (Glenn County)	45,000
Jacinto Irrigation District	20,000
Provident Irrigation District	15,000
Princeton-Codora Irrigation District .	6,000
Loam Ridge Irrigation District	1,200
 Land suitable for irrigation:	
West Willows Project, total area 115 sections (not developed)	 73,600
 Forest acreage:	
National forest	221,000
Acres of standing timber	93,000
 Chromium Mine -- Estimated Development . .	 \$500,000
 Number of farms in Glenn County	 1,376
Average acreage of each farm	393
Number of farms over 1,000 acres	127

NATURAL ECONOMIC RESOURCES
(Continued)

Field crop acreage:

Barley for grain (planted)	83,000	
Ladino Clover	20,000	
Wheat for grain	10,000	
Rice	25,000	
Alfalfa	12,000	
Wilo Maize	18,000	
Oats	600	
Sugar Beets	1,319	
Beans	250	
Tomatoes	125	170,294
Native grass pasture	375,000	
Wild hay	20,000	395,000

Fruit and nut acreage:

Almonds	4,574	
Prunes	1,787	
Citrus	862	
Apricots	759	
Walnuts	688	
Olives	529	
Peaches	228	
Pears	205	
Figs	288	
Grapes	233	10,153

Livestock:

(Not including lambs or calves)

Sheep	180,000	
Dairy cattle	15,210	
Beef cattle	9,022	
Hogs	11,762	
Horses and mules	1,245	217,239
Poultry and turkeys	76,600	76,600

NATURAL RECREATIONAL RESOURCES

Lakes	Stony Gorge Dam and Packer Lake	
Summer Camping Grounds, Improved		16
Partially Improved		38
Elevations in Forest		3,000 to 7,000
Trout holding ponds	Plaskett Meadows Elevation, 6,500	

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, north fork	12
Stony Creek, main fork	68
Briscoe Creek	12
Grindstone Creek	28
Cold Creek	6

Estimated number of wild game:

Columbia Black Tail Deer	18,000
California Brown Bear	500
Mountain Lions	80
Wild Ducks	500,000
Wild Geese	100,000
Ring neck Pheasants	95,000
California Valley Quail	25,000

Other game:

Mountain Quail, Wild Pigeon, Doves

POISON REPORT

Chemicals and poisons used in weed and pest control:

2,548	Pounds	Poison	Barley
229	Pounds	Poison	Milo
139	Pounds	Poison	Wheat
4,561	Pounds	Poison	Bran
5,448	Ounces	Antrol	
32	Pounds	Zinc Phosphide	Oats
25,240	Red Squill	Baits	
60	Ounces	Barium Carbonate	
8	Pounds	Sodium Fluosilicate	
325	Pounds	Arsenic Trioxide	
300	Pounds	Borax	
60	Gallons	Sodium Arsenite	
56	Gallons	Sinox	
13,125	Gallons	Spray Oil	

APIARY REPORT

8,678 colonies of bees in 341 apiaries were registered with this office during 1942.

1,189 colonies in 14 apiaries were certified to move from Glenn County to other counties in California.

2,803 colonies in 26 apiaries were certified to move from other counties in California into Glenn County.

5,278 colonies in 271 apiaries were inspected during the calendar year of 1942.

18 colonies in 15 apiaries were found to be infected with American Foulbrood and were destroyed by burning.

33,288 pounds of package bees, 216 tons of honey, and 5,000 pounds of beeswax was shipped out of Glenn County during 1942.

WEIGHTS AND MEASURES REPORT

Tested and sealed without correction:

- 11 Counter Scales
- 27 Spring Scales
- 36 Computing Scales
- 51 Platform Scales
- 50 Heavy Capacity Scales
- 542 Weights
- 112 Retail Measuring Pumps and Meters
- 122 Liquid Measures

Tested and sealed after correction:

- 5 Counter Scales
- 4 Spring Scales
- 10 Computing Scales
- 57 Platform Scales
- 41 Heavy Capacity Scales
- 32 Retail Measuring Pumps and Meters
- 2 Liquid Measures

Tested and found to be out of order:

- 4 Counter Scales
- 7 Spring Scales
- 3 Computing Scales
- 17 Platform Scales
- 24 Heavy Capacity Scales
- 4 Weights
- 41 Retail Measuring Pumps and Meters

Packages and Containers inspected:

32 Correct; 149 Heavy; 19 Light

Storage Labels inspected:

93 found to be correct; 3 corrected

During the calendar year of 1942, 723 establishments were visited and 375 certificates issued.

CROP SUMMARY

Later maturity of olives and oranges has thrown much of the harvest of those two crops over into the next calendar year. The olive crop is heavier than last year with prices ranging somewhat under last year's averages. On the other hand oranges with a somewhat lighter crop, which was delayed for thirty days due to slow maturity, is bringing prices higher than for some years in the past. The mean average return to the Association will approach \$4.50 a box.

The walnut crop was lighter, but prices received were twenty percent higher than last year and returned \$28,450 to the growers. Almonds produced one of the best crops of record in late years, and brought a gross return of \$480,000.

One of the best deciduous fruit crops was pears. Heavy production and exceptionally good prices made the most outstanding record of any deciduous fruit crop. Prunes, peaches, and apricots returned approximately a thirty percent increase over last year's crop.

Barley, wheat and rice produced heavier crops than for some years past. Prices for rice were outstanding as most of the sales will average \$3.40 cwt. Barley, too, brought very satisfactory returns. Wheat prices maintained more nearly level prices with other seasons.

Provision was made for farm storage for much of the grain crops, and possibly for that reason more grain is stored in the county in public warehouses and farm storage than is the usual custom. Transportation and labor were factors in limiting the movement of these crops until such time as their utilization is necessary, thus limiting extra handling.

POULTRY

In order for Glenn County poultry raisers to do their part in the government's desire for increased egg production, each farmer in the county should keep a mean average of eighty-four laying hens. This quota also applies to the other six million farmers in the United States. Local farmers produced fifty-six thousand dozen eggs in 1942 over the previous year.

LIVESTOCK

The livestock situation was benefited by an exceptionally good feed year, a reasonably high birth rate for lambs, and good prices for wool. These favorable factors influenced the returns on the sheep income to \$600,000 over last year. The increase in fat cattle, milk cows, and dairy products was \$300,000 over last year.

The continual build-up in the value and number of livestock in the county is a healthy situation as long as feed and pasture conditions are maintained in proportion to the needs of the stock on hand. A continuous program of increased feed supplies such as alfalfa hay for winter feed and mixed grasses for summer pasture is essential to continued prosperity in the livestock industry.

LADINO CLOVER

Some information of general interest was found in checking over the ladino clover situation in the county. In some areas where farmers are growing seed the mean average return to seed growers amounted to \$82.50 per acre. This left approximately a five months pasturing period in addition to over one ton of ladino straw to the acre. Most of the ladino land the last few years has been selling for \$100 an acre. On the basis of this information ladino will pay for itself the first year by the combination of both growing seed and pasturing. The straw or hay that is left after threshing makes a very favorable feed. It is relished by livestock, and because of the fine stems there is practically no waste.

During the present year, 140,000 pounds of ladino seed was produced. At least 95% of this seed was shipped through the Ladino Clover Seed Growers Association. From the low of twenty-five and thirty cents a pound a few years ago, ladino seed sales have been regulated and prices established on a more stable foundation. This year the best grades of seed returned eighty-eight cents a pound to the farmer.

DAIRYING

On the butterfat side of the picture, with more cows in the county, ten thousand pounds less butterfat was produced than in the previous year. Overpasturing and insufficient supplemental feed in the form of concentrates were contributing factors toward producing a lesser amount of butterfat. Higher prices paid for butter, cheese, and dried milk will justify the farmer in giving serious study to care and feeding in order that more food in the line of dairy products may be produced. Few farmers realize that alfalfa at thirty-two dollars a ton is a higher priced feed than rolled barley.

HONEY REPORT

Star thistle to most persons is considered a nuisance weed, but to the apiculturist it is one of his best friends because it produces more honey than all other honey producing plants in the county. In 1942 341 persons were registered as owning 8,678 colonies of bees. Honey production was 432,000 pounds, or 102,000 pounds increase over the previous year.

In addition to the honey produced, 33,200 pounds of package bees were shipped to other states and Canada to restock the colonies in those areas, as bees in the cold countries are usually killed off in the fall; otherwise during the winter they would consume practically all the honey they could produce in the summer. Thus the practice of restocking each year must be followed. It usually takes from two to three pounds of bees to restock a single hive. Enough bees were sent out of the county to colonize about twelve thousand hives in those areas.

LUMBER AND MINING

Late in the year the Setzer Box Company of Sacramento was building roads and making provision to start up lumber operations in the western part of the county. It is estimated it will take over sixty years to mill off the ninety billion board feet of standing timber. A large mill capable of sawing 125,000 feet of lumber daily is being considered for erection, sixteen miles west of Willows.

LUMBER AND MINING
(Continued)

The largest commercial operation of any business in the county is the chromium mine on the west side of Stony Creek Valley. During the latter part of the year 11,200 tons of chrome ore was shipped out. This product has an approximate value of forty dollars per ton, and brought a return of \$448,000.

The magnesium mine near Stonyford produced two carloads of ore. Greater development is expected in the mining field the coming year.

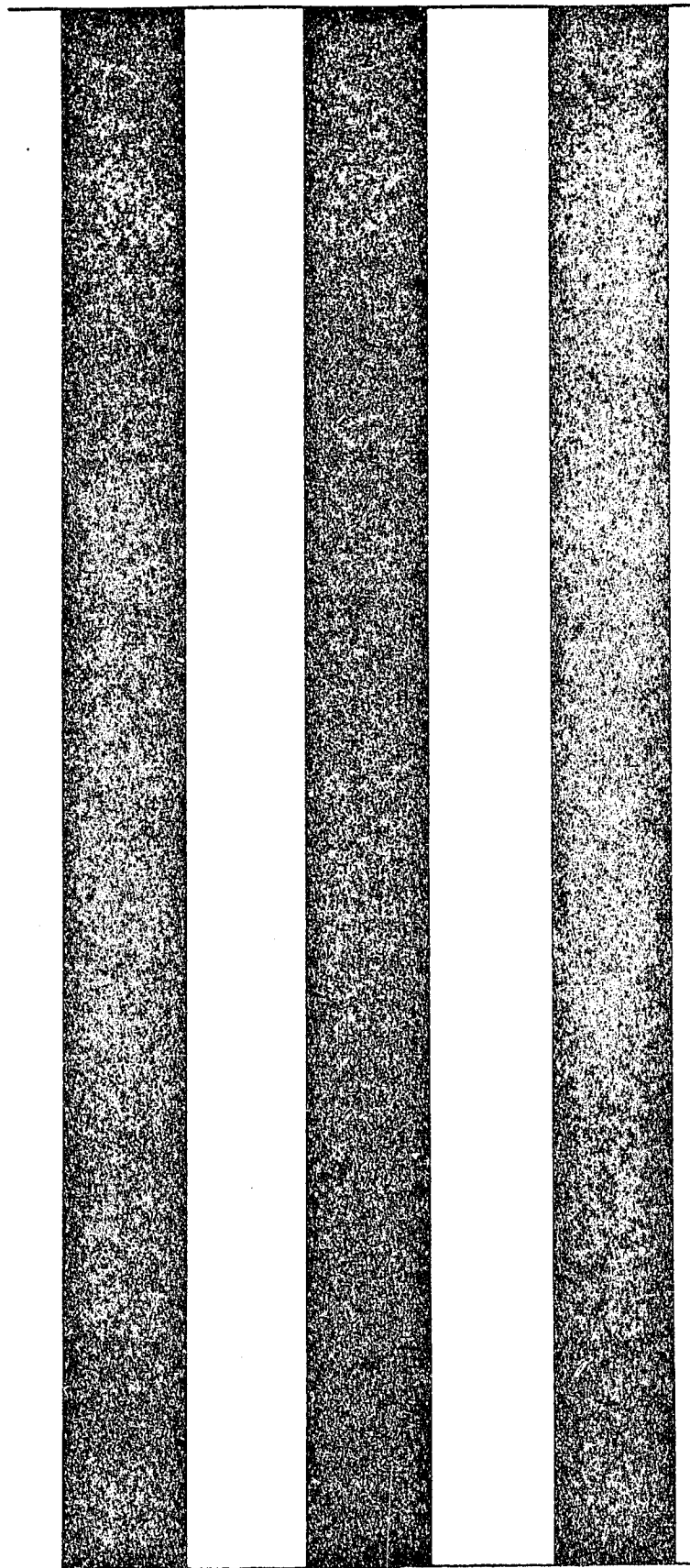
APPRECIATION

We wish to thank the Board of Supervisors for their support of our function in the county government and to express our appreciation to those farm groups and transportation agencies who have contributed factual information which has helped to make this record possible.

Respectfully submitted,

P. V. Harrigan

P. V. Harrigan
Agricultural Commissioner



1943

18
County of Glenn, Cal.

ANNUAL REPORT

Agricultural Commissioner

—
COUNTY OF GLENN

—
1943
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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, 1943

BOARD OF SUPERVISORS

Henry McMahon, Chairman

M. G. Haigh

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 1943:

1,463	Ornamentals
636	Rose Bushes
454	Cactus Plants
13,064	Bulbs, Corms and Tubers
389	Bedding Plants
113	Flats Bedding Plants
10,436	Vegetable Plants
190	Flats Vegetable Plants
303	Berry Plants
3,385	Strawberry Plants
1,309	Packets Flower and Vegetable Seed
2	Packets Tree Seed
425	Pounds Seed Potatoes
10	Pounds Garlic Sets
41	Pounds Onion Sets
47	Sacks Lawn Grass Seed
80	Sacks Alfalfa Seed
439	Sacks Vetch Seed
11	Sacks Birdsfoot Trefoil Seed
2	Sacks Lespedeza Seed
35	Sacks Ladino Clover Seed
3	Sacks White Clover Seed
45	Sacks Sweet Clover Seed
2	Sacks Bur Clover Seed
1	Sack Kentucky Bluegrass Seed
8	Sacks Ryegrass Seed
2	Sacks Dallas Grass Seed
2	Sacks Orchard Grass Seed
168	Sacks Sudan Grass Seed
1	Sack Canary Grass Seed
1	Sack Timothy Seed
88	Sacks Pasture Mixture Seed
30	Sacks Milo Seed
1	Sack Sweet Corn Seed
3	Sacks Bean Seed
1	Sack Soy Bean Seed
1	Sack Sunflower Seed

(Continued)

7,758	Deciduous Nut Trees
420	Deciduous Fruit Trees
84	Citrus and Subtropical Trees
62	Scion Wood for Grafting
262	Grapevines

The following rejections were made on intrastate shipments:

4	Ornamentals
1	Sack Lotus Seed
165	Deciduous Nut Trees

PLANT QUARANTINE (Continued)

The following goods from other states were inspected and passed into Glenn County during the calendar year of 1943:

1,417	Ornamentals
183	Rose Bushes
23	Cactus Plants
3,144	Bulbs, Corms and Tubers
2,187	Bedding Plants
1,955	Vegetable Plants
118	Berry Plants
685	Strawberry Plants
2,260	Packets Flower and Vegetable Seed
20	Pounds Seed Potatoes
3	Pounds Onion Sets
32	Sacks Alfalfa Seed
200	Sacks Vetch Seed
6	Sacks Birdsfoot Trefoil Seed
2	Sacks Red Clover Seed
1	Sack Brome Grass Seed
1	Sack Canary Grass Seed
1	Sack Pasture Mixture Seed
12	Sacks Soy Bean Seed
1	Sack Milo Maize Seed
4	Sacks Millet Seed
1	Sack Kafir Corn Seed
1	Sack Sweet Corn Seed
5	Sacks Sorghum Seed
619	Deciduous Fruit Trees
87	Deciduous Nut Trees
42	Grapevines

OUTGOING SHIPMENTS

The following farm products, by-products and livestock were shipped out of Glenn County during the calendar year of 1943:

1,036,260	Bushels	(414,506 sacks)	Barley
984,572	Bushels	(393,829 sacks)	Rice
83,610	Bushels	(33,448 sacks)	Milo
78,640	Bushels	(33,704 sacks)	Wheat
18,200	Bushels	(7,800 sacks)	Oats
118,300	Pounds	Ladino Clover Seed	
15,000	Pounds	Alfalfa Seed	
75,900	Pounds	Lima Beans	
4,141,900	Pounds	Sugar	
11,000	Tons	Sugar Beets	
2,685,680	Pounds	Butterfat	
474,800	Dozen	Eggs	
485,800	Turkey	Eggs for Hatching	
934,300	Pounds	Dressed Turkeys	
150,000	Pounds	Live Poultry	
11,970	Head	Cattle	
4,610	Head	Calves	
807	Cow	Hides	
603	Calf	Hides	
34,300	Head	Hogs	
85,000	Head	Lambs	
24,000	Head	Sheep	
1,438,700	Pounds	Wool	
1,100	Sheep	Pelts	
486,000	Pounds	Honey	
5,500	Pounds	Beeswax	
36,616	Pounds	Package Bees	
18,303	Additional	Queens	
1,415,500	Pounds	Almonds	
515,500	Pounds	English Walnuts	
380,000	Pounds	Black Walnuts	

(Continued)

85,000	Boxes Oranges
100,000	Pounds Orange By-products
245,000	Pounds Fresh Apricots
10,787	Pounds Dried Apricots
73,856	Boxes Packed Pears
343	Tons Cannery Pears
3,000	Boxes Fresh Peaches
256,200	Pounds Dried Peaches
4,056,000	Pounds Dried Prunes
1,218,000	Pounds Dried Figs
15,000	Pounds Fresh Figs
8,000	Pounds Table Grapes
210	Tons Wine Grapes
19,040	Pounds Raisins
693,310	Pounds Olives
1,330,750	Pounds Processed Olives
130,000	Gallons Olive Oil
433	Tons Olive Pomace

EVALUATION OF COMMODITIES SHIPPED

CATTLE

Butterfat	\$2,084,000.00	
Cattle	900,000.00	
Calves	83,000.00	
Cow Hides	5,000.00	
Calf Hides	1,600.00	\$3,073,600.00

FIELD CROPS

Rice	1,300,000.00	
Barley	1,050,000.00	
Wheat	116,000.00	
Milo	105,000.00	
Oats	20,000.00	
Ladino Seed	150,000.00	
Alfalfa Seed	6,000.00	
Lima Beans	6,100.00	2,753,100.00

TREE CROPS

Olives	65,100.00	
Olives, processed	167,000.00	
Olive Oil	611,000.00	
Olive Pomace	3,000.00	
Almonds	481,000.00	
English Walnuts	130,000.00	
Black Walnuts	10,000.00	
Oranges	340,000.00	
Orange By-products	2,000.00	
Pears, packed	296,000.00	
Pears, cannery	22,300.00	
Prunes, dried	335,000.00	
Figs, dried	100,600.00	
Figs, fresh	750.00	
Peaches, dried	77,000.00	
Peaches, fresh	3,750.00	
Apricots, dried	3,500.00	
Apricots, fresh	12,250.00	
Wine Grapes	16,000.00	
Table Grapes	800.00	
Raisins	1,600.00	2,678,650.00

EVALUATION OF COMMODITIES SHIPPED
(Continued)

SHEEP

Lambs	850,000.00	
Sheep	144,000.00	
Wool	650,000.00	
Pelts	1,500.00	1,645,500.00

HOGS

Hogs	995,000.00	995,000.00
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POULTRY

Turkeys	375,000.00	
Chicken Eggs	205,000.00	
Turkey Eggs	141,000.00	
Live Poultry	40,000.00	761,000.00

SUGAR

Sugar	230,000.00	
Sugar Beets	106,000.00	336,000.00

BEEES AND HONEY

Honey	58,500.00	
Package Bees	18,300.00	
Queens	9,150.00	
Beeswax	2,300.00	88,250.00

AGRICULTURAL ADJUSTMENT ADMINISTRATION
(1943 payments)

Conservation Payments	100,500.00	
Sugar Beets	27,700.00	
Dairy Subsidy	61,700.00	189,900.00

UNREPORTED RETURNS TO FARMERS

Estimated returns to farmers for produce - unreported		500,000.00
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MINERALS

Chromium	800,000.00	
Manganese	3,600.00	<u>803,600.00</u>

GRAND TOTAL		\$13,824,600.00
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NATURAL ECONOMIC RESOURCES

Population	11,865
Water Resources	Sacramento River Stony Creek Grindstone 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)	45,000
Jacinto Irrigation District "	20,000
Provident Irrigation District	15,000
Princeton-Codora Irrigation District	6,000
Loam Ridge Irrigation District	1,200
Land suitable for irrigation:	
West Willows Project, total area 115 sections (not developed for irrigation)	73,600
Forest acreage:	
National forest	221,000
Acres of standing timber	93,000
Chromium Mine -- Estimated Development	\$500,000
Number of farms in Glenn County	1,376
Average acreage of each farm	393
Number of farms over 1,000 acres	127

NATURAL ECONOMIC RESOURCES
(Continued)

Field Crop Acreage:

Barley for grain (planted)	86,000	
Rice	27,500	
Ladino Clover	24,000	
Alfalfa	9,500	
Milo Maize	9,500	
Wheat for grain	8,500	
Oats	1,200	
Oats and Vetch Hay	2,500	
Sudan	1,400	
Austrian Winter Peas	404	
Sugar Beets	749	
Beans	427	
Tomatoes	100	171,780

Fruit and Nut Acreage:

Almonds	4,574	
Prunes	1,787	
Citrus	800	
Apricots	759	
Walnuts	688	
Olives	529	
Peaches	228	
Pears	203	
Figs	288	
Grapes	233	10,089

Livestock:

(Not including lambs or calves)

Sheep	150,000	
Dairy cattle	18,300	
Beef cattle	9,684	
Hogs	13,270	
Horses and mules	1,244	192,498
Poultry hens	83,732	
Breeding turkeys	8,388	92,120

NATURAL RECREATIONAL RESOURCES

Lakes	Stony Gorge Dam and Packer Lake	
Summer Camping Grounds, Improved		16
Partially Improved		38
Elevations in Forest	3,000 to 7,000	
Trout holding Ponds	Plaskett Meadows Elevation, 6,500	

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 Creck	28
Cold Creek	6

Estimated number of wild game:

Columbia Black Tail Deer	15,000
California Brown Bear	120
Mountain Lions	30
Wild Ducks	500,000
Wild Geese	100,000
Ring-neck Pheasants	100,000
California Valley Quail	10,000
Coyotes	600
Bobcats	350
Badgers	25
Raccoons	650
Skunk	2,000

Other game:

Mountain Quail, Wild Pigeon, Doves

PRESENT AND POST WAR PLANNING

	<u>Funds On Hand</u>	<u>Estimated Cost</u>
County Hospital	\$100,000	\$ 130,000
Glenn County High School Willows	150,000	175,000
Cafeteria Building, Orland Grammar School	10,000	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	110,000	312,500
Wheeler-Case Irrigation Project 10,000 acres		250,000

Development by Private Enterprise

Natural gas field

 Producer wells to date

5

Lumbering

Mining

POISON REPORT

Chemicals and poisons used in weed and pest control:

2,710	Pounds Poison Barley
485	Pounds Poison Milo
283	Pounds Poison Wheat
509	Pounds Poison Oats
338	Pounds Poison Rice
1,120	Pounds Poison Bran
6,487	Ounces Antrol
4,500	Red Squill Baits
50	Pounds Sodium Fluosilicate
500	Pounds Arsenic Trioxide
200	Gallons Sodium Arsenite
400	Gallons Sinox
4,000	Pounds Borax
9,000	Gallons Spray Oil

APIARY REPORT

8,866 colonies of bees in 230 apiaries were registered with this office during 1943.

1,783 colonies in 19 apiaries were certified to move from other counties in California into Glenn County.

948 colonies in 9 apiaries were certified to move from Glenn County to other counties in California.

1,467 colonies in 46 apiaries were inspected during the calendar year of 1943.

2 colonies in 2 apiaries were found to be infected with American Foulbrood and were destroyed by burning.

36,616 pounds of package bees, 18,303 queens, 243 tons of honey, and 5,500 pounds of beeswax were shipped out of Glenn County during 1943.

WEIGHTS AND MEASURES REPORT

Tested and sealed without correction:

- 19 Counter Scales
- 23 Spring Scales
- 28 Computing Scales
- 71 Platform Scales
- 44 Heavy Capacity Scales
- 526 Weights
- 101 Retail Measuring Pumps and Meters
- 8 Meters Wholesale
- 75 Liquid Measures

Tested and sealed after correction:

- 6 Counter Scales
- 4 Spring Scales
- 7 Computing Scales
- 53 Platform Scales
- 31 Heavy Capacity Scales
- 12 Retail Measuring Pumps and Meters

Tested and found to be out of order:

- 2 Counter Scales
- 1 Spring Scale
- 2 Computing Scales
- 23 Platform Scales
- 13 Heavy Capacity Scales
- 68 Retail Measuring Pumps and Meters
- 1 Meter Wholesale

Condemned and Confiscated:

- 1 Weight

Packages and Containers inspected:

338 Correct; 4 Heavy; 3 Light

During the calendar year of 1943, 511 establishments were visited and 327 certificates issued.

CROP SUMMARY

Glenn County farmers cooperated fully with the desire of the national government in support of the war effort, producing more food in actual weight rather than dollar value than for any other season on record. Nature cooperated to the fullest extent with ample rainfall. Fortunately, during harvest no spoilage of either hay or grain was caused by rain. The rice harvest was also benefited. Rains held off until the harvest was completed.

LIVESTOCK

At the close of the year the largest number of dairy cows on record were reported--18,300. Sheep, hogs, and cattle breeding stock held up well, thus bringing the livestock population to one of the highest on record. Butterfat was the most outstanding of all farm products in dollar value.

FIELD CROPS

Barley, wheat, milo and oat harvest was somewhat above the previous year's harvest, but the most outstanding crop produced in the county for 1943 was rice; 801,000 bags were reported. Much of this rice is still held in storage in the county and is not figured in the value computation, as most of it will be shipped out during the coming year.

Ladino clover seed continued to hold a high mark in income both in production and in dollar value. A few years ago farmers were offered twenty-five to thirty cents per pound. This past season prices were \$1.25 and higher for each pound of seed produced. The prosperity to the ladino clover seed grower can largely be credited to the leaders of the Sacramento Valley Ladino Clover Seed Growers Cooperative.

TREE CROPS

The most outstanding increase in value of all farm products was in the tree crops. \$1,055,000 was the reported increase over the previous year. Tree spraying and cultural practices were handicapped because of labor conditions, but despite these conditions the increased price and exceptionally high production of some commodities contributed largely to the increased value.

LUMBER, MINING AND NATURAL GAS

The chromium mine at Chrome and the lumber operations which were under way this summer in the forest area of the county brought in considerable income. This commercial income, coupled with several gas wells which were tapped during the year 1943, but on which there has been no value placed, should in the future contribute largely to the gross income of the county from natural resources.

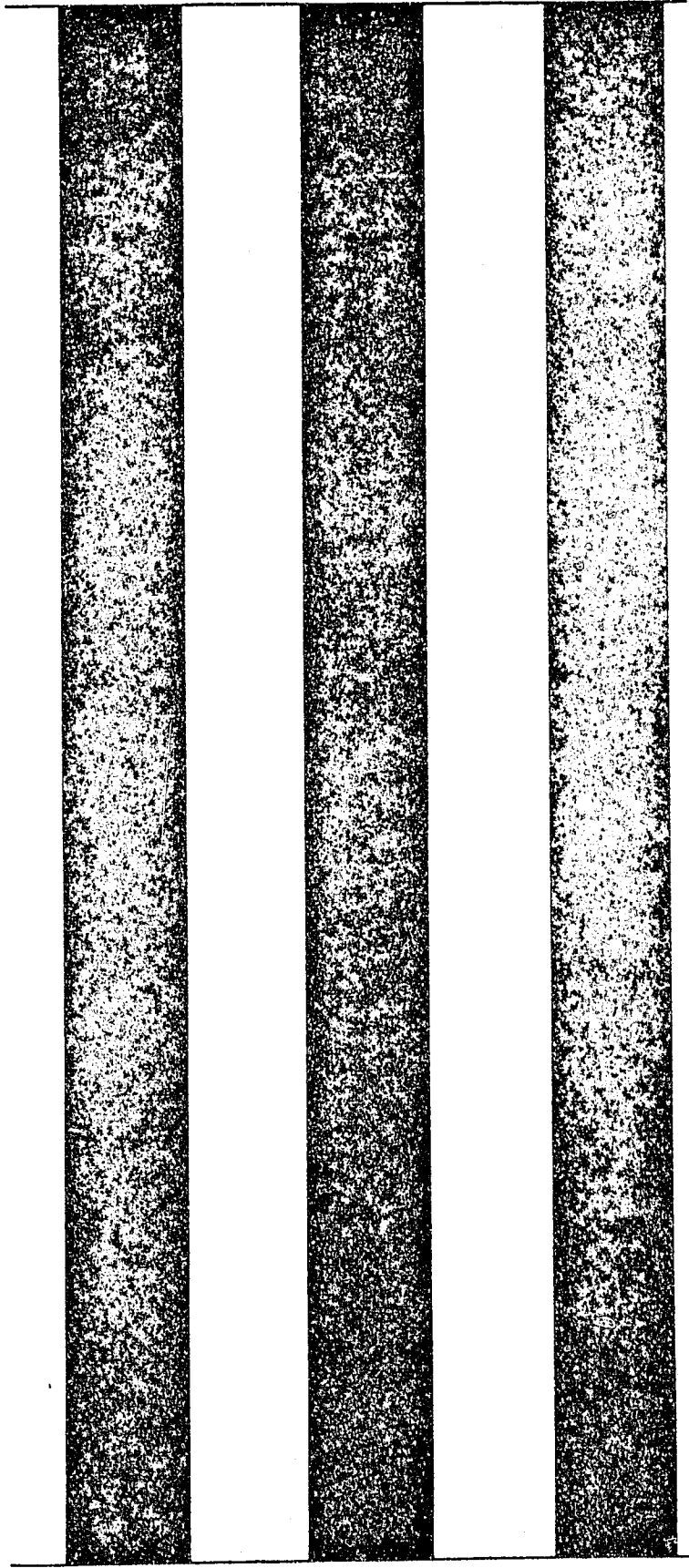
APPRECIATION

I take this opportunity to express my appreciation to the Board of Supervisors for their support and friendly cooperation throughout the year, and to the farmers and farm groups and transportation agencies who have helped to make this report possible.

Respectfully submitted,

P. V. Harrigan

P. V. Harrigan
Agricultural Commissioner



1944

ANNUAL REPORT

Agricultural Commissioner

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COUNTY OF GLENN

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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, 1944

BOARD OF SUPERVISORS

Henry McMahon, Chairman

M. G. Haigh

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 1944:

1,232	Ornamentals
359	Rose Bushes
83	Cactus Plants
7,142	Bulbs, Corms, and Tubers
215	Bedding Plants
25	Flats Bedding Plants
4,768	Vegetable Plants
5	Flats Vegetable Plants
727	Berry Plants
3,947	Strawberry Plants
1,130	Packets Flower and Vegetable Seed
4	Packets Tree Seed
98	Sacks Ladino Clover Seed
3	Sacks Red Clover Seed
2	Sacks White Clover Seed
49	Sacks Alfalfa Seed
9	Sacks Birdsfoot Trefoil (Lotus) Seed
4	Sacks Sweet Clover Seed
1	Sack Kentucky Bluegrass Seed
18	Sacks Ryegrass Seed
1	Sack Dallas Grass Seed
4	Sacks Orchard Grass Seed
2	Sacks Bermuda Grass Seed
1	Sack Bent Grass Seed
3	Sacks Burnet Grass Seed
4	Sacks Millet Grass Seed
1	Sack Kudzu Grass Seed
30	Sacks Pasture Mixture Seed
1	Sack Canadian Field Pea Seed
6	Sacks Field Pea Seed
1	Sack Garden Pea Seed
4	Sacks Cowpea Seed
128	Sacks Vetch Seed
261	Sacks Sudan Grass Seed
46	Sacks Milo Seed
2	Sacks Corn Seed
5	Sacks White Gyp Corn Seed
1	Sack Oat Grass Seed

PLANT QUARANTINE (Continued)

The following goods from other states were inspected and passed into Glenn County during the calendar year of 1944:

850	Ornamentals
169	Rose Bushes
201	Cactus Plants
3,620	Bulbs, Corms, and Tubers
602	Bedding Plants
2,000	Vegetable Plants
424	Berry Plants
1,475	Strawberry Plants
663	Packets Flower and Vegetable Seed
516	Pounds Seed Potatoes
7	Pounds Onion Sets
1	Pound Onion Seed
12	Kudzu Plants
5	Sacks Alfalfa Seed
180	Sacks Vetch Seed
2	Sacks Lespedeza Seed
3	Sacks Millet Seed
1	Sack Lotus Seed
7	Sacks Sorgo Seed
478	Deciduous Fruit Trees
156	Deciduous Nut Trees
8	Citrus and Subtropical Trees
15	Grapevines

Tree shipments from California:

2,225	Deciduous Nut Trees
470	Deciduous Fruit Trees
109	Citrus and Subtropical Trees
160	Grapevines

OUTGOING SHIPMENTS

The following farm products, by-products, and livestock were shipped out of Glenn County during the calendar year of 1944:

2,125,000	Bushels (850,000 sacks)	Rice
1,713,600	Bushels (701,000 sacks)	Barley
65,250	Bushels (29,000 sacks)	Wheat
45,800	Bushels (16,300 sacks)	Milo
17,500	Bushels (7,000 sacks)	Oats
900	Bushels (500 sacks)	Yellow Corn
325,000	Pounds	Ladino Clover Seed
10,000	Pounds	Alfalfa Seed
3,600	Pounds	Lotus Seed
500	Tons	Hay
500	Tons	Tomatoes
12,000	Tons	Sugar Beets
3,034,043	Pounds	Butterfat
538,500	Dozen	Eggs
641,825		Turkey Eggs
1,974,805	Pounds	Dressed Turkeys
132,750	Pounds	Live Poultry
8,800	Head	Fat Cattle
7,000	Head	Feeders
2,080	Head	Cows
5,600	Head	Calves
2,700		Cow Hides
40,880	Head	Hogs
105,000	Head	Lambs
33,590	Head	Sheep
1,500,000	Pounds	Wool
2,370		Sheep Pelts
67,600	Pounds	Package Bees
18,740		Queen Bees
177 $\frac{1}{2}$	Tons	Honey
4,000	Pounds	Beeswax
2,700,000	Pounds	Almonds
258,000	Pounds	English Walnuts
300,000	Pounds	Black Walnuts

(Continued)

115,000	Boxes	Oranges
509,900	Pounds	Fresh Apricots
716,500	Pounds	Dried Apricots
67,600	Boxes	Pears
70	Tons	Cannery Pears
200,000	Pounds	Fresh Peaches
125,000	Pounds	Dried Peaches
4,864,000	Pounds	Prunes
1,258,500	Pounds	Dried Figs
170	Tons	Wine Grapes
5,000	Pounds	Raisins
740,655	Pounds	Olives
848,600	Pounds	Processed Olives
139,300	Gallons	Olive Oil
500	Tons	Olive Pomace

EVALUATION OF COMMODITIES

FIELD CROPS

Rice	\$2,678,000		
Barley	1,658,000		
Wheat	108,000		
Oats	14,000		
Milo	45,000		
Corn	1,500		
Hay	800,000		
Ladino Seed	569,000		
Lotus Seed	7,000		
Alfalfa Seed	4,500		
Sugar Beets	102,000		
Tomatoes	20,000		\$6,007,000

TREE CROPS

Almonds	918,000		
English Walnuts	63,000		
Black Walnuts	6,000	\$	987,000
Olive Oil	613,000		
Processed Olives	150,000		
Fresh Olives	83,000		
Olive Pomace	3,500		849,500
Prunes, dried	486,500		
Oranges	431,300		
Pears	274,500		
Apricots, dried	236,000		
Apricots, fresh	25,500		
Figs, dried	100,700		
Peaches, dried	29,000		
Peaches, fresh	8,000		
Wine Grapes	18,700		
Raisins	300	1,610,500	3,447,000

BEEES AND HONEY

Package Bees	95,800		
Queens	28,000		
Honey	42,600		
Wax	1,600		168,000

EVALUATION OF COMMODITIES
(Continued)

CATTLE

Butterfat	\$2,503,000		
Fat Cattle	814,000		
Feeders	420,000		
Cows	52,000		
Calves	101,000		
Hides	8,000	\$3,898,000	

SHEEP

Lambs	1,100,000		
Sheep	203,000		
Wool	750,000		
Pelts	6,000	2,059,000	

HOGS

Hogs		1,104,000	
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POULTRY

Turkeys	790,000		
Turkey Eggs	212,000		
Live Poultry	32,000		
Chicken Eggs	216,000	1,250,000	\$ 8,311,000

AGRICULTURAL ADJUSTMENT ADMINISTRATION
(1944 payments)

Conservation Payments (Est.)	115,000		
Sugar Beets	19,000		
Dairy Subsidy	480,000		614,000

UNREPORTED FARM INCOME (Est.)

Estimated returns to farmers for produce - unreported			<u>500,000</u>
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GRAND TOTAL

\$19,047,000

NATURAL ECONOMIC RESOURCES

Population	13,300
Water Resources	Sacramento River Stony Creek Grindstone 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-Codorn-Glenn Irrigation District	6,000
Loam Ridge Irrigation District	1,200

Land suitable for irrigation 75,000

Forest acreage:

National forest	221,000
Acres of standing timber	93,000

Number of farms in Glenn County 1,376

Average acreage of each farm 393

Number of farms over 1,000 acres 127

NATURAL ECONOMIC RESOURCES
(Continued)

Field Crop Acreage:

Barley	74,000	
Rice	28,000	
Ladino Clover	26,500	
Alfalfa	10,000	
Milo Maize	6,500	
Wheat	8,000	
Oats	1,200	
Oats and Vetch Hay	3,000	
Lotus	600	
Sugar Beets	700	
Tomatoes	100	
Sudan	1,000	159,600

Fruit and Nut Acreage:

Almonds	4,615	
Prunes	1,787	
Citrus	806	
Apricots	686	
Walnuts	688	
Olives	544	
Peaches	218	
Pears	205	
Figs	288	
Grapes	233	10,070

Livestock:

(Not including lambs or calves)

Sheep	160,000
Dairy cattle	20,500
Beef cattle	11,000
Hogs	13,000
Horses and Mules	1,240
Chickens	83,000
Breeding Turkeys	15,000

NATURAL RECREATIONAL RESOURCES

Lakes	Stony Gorge Dam and Packer Lake	
Summer Camping Grounds, Improved		16
Partially Improved		38
Elevations in Forest	3,000 to 7,000	
Trout holding Ponds	Plaskett Meadows Elevation, 6,500	

Plaskett Meadows Creek Trout Pond
built in August, 1944
10,000 Rainbow Trout grown

Stony Creek re-stocked in October, 1944

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		400,000
Wild Geese		100,000
Ring-neck Pheasants		50,000
California Valley Quail		9,000
Coyotes		600
Bobcats		350
Badgers		25
Raccoons		650
Skunk		2,000

Other game:

Mountain Quail, Wild Pigeon, Doves

PRESENT AND POST WAR PLANNING

	<u>Funds On Hand</u>	<u>Estimated Cost</u>
County Hospital	\$114,554	\$ 130,000
Glenn County High School Willows	115,526	175,000
Cafeteria Building, Orland Grammar School	15,000	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 Billion 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

POISON REPORT

Chemicals and poisons used in weed and pest control:

2,515	Pounds	Poison	Barley
79	Pounds	Poison	Milo
153	Pounds	Poison	Wheat
215	Pounds	Poison	Oats
2,572	Pounds	Poison	Rice
4,947	Pounds	Poison	Bran
4,853	Ounces	Ant	Poison
2,300	Red	Squill	Baits
1,450	Pounds	Borax	
250	Pounds	Sodium	Chlorate
35	Pounds	Ammonium	Sulphamate
4,670	Gallons	Spray	Oil
22	Gallons	Carbon	Bisulphide
31	Gallons	Sodium	Arsenite

APIARY REPORT

9,431 colonies of bees in 250 apiaries were registered with this office during 1944.

1,148 colonies in 11 apiaries were certified to move from other counties in California into Glenn County.

1,066 colonies in 22 apiaries were certified to move from Glenn County to other counties in California.

831 colonies in 48 apiaries were inspected during the calendar year of 1944.

5 colonies in 2 apiaries were found to be infected with American Foulbrood and were destroyed by burning.

67,600 pounds of package bees, 18,740 queens, 177½ tons of honey, and 4,000 pounds of beeswax were shipped out of Glenn County during 1944.

WEIGHTS AND MEASURES REPORT

Tested and sealed without correction:

- 3 Counter Scales
- 9 Spring Scales
- 16 Computing Scales
- 26 Platform Scales
- 28 Heavy Capacity Scales
- 132 Weights
- 39 Retail Measuring Pumps and Meters
- 6 Meters Wholesale
- 45 Liquid Measures

Tested and sealed after correction:

- 2 Counter Scales
- 1 Spring Scale
- 5 Computing Scales
- 14 Platform Scales
- 25 Heavy Capacity
- 6 Retail Measuring Pumps and Meters

Tested and found to be out of order:

- 3 Counter Scales
- 1 Spring Scale
- 1 Computing Scale
- 8 Platform Scales
- 6 Heavy Capacity Scales
- 2 Weights
- 56 Retail Measuring Pumps and Meters

Packages and Containers inspected:

45 Correct; 10 Light

During the calendar year of 1944, 164 establishments were visited and 112 certificates were issued.

CROP SUMMARY

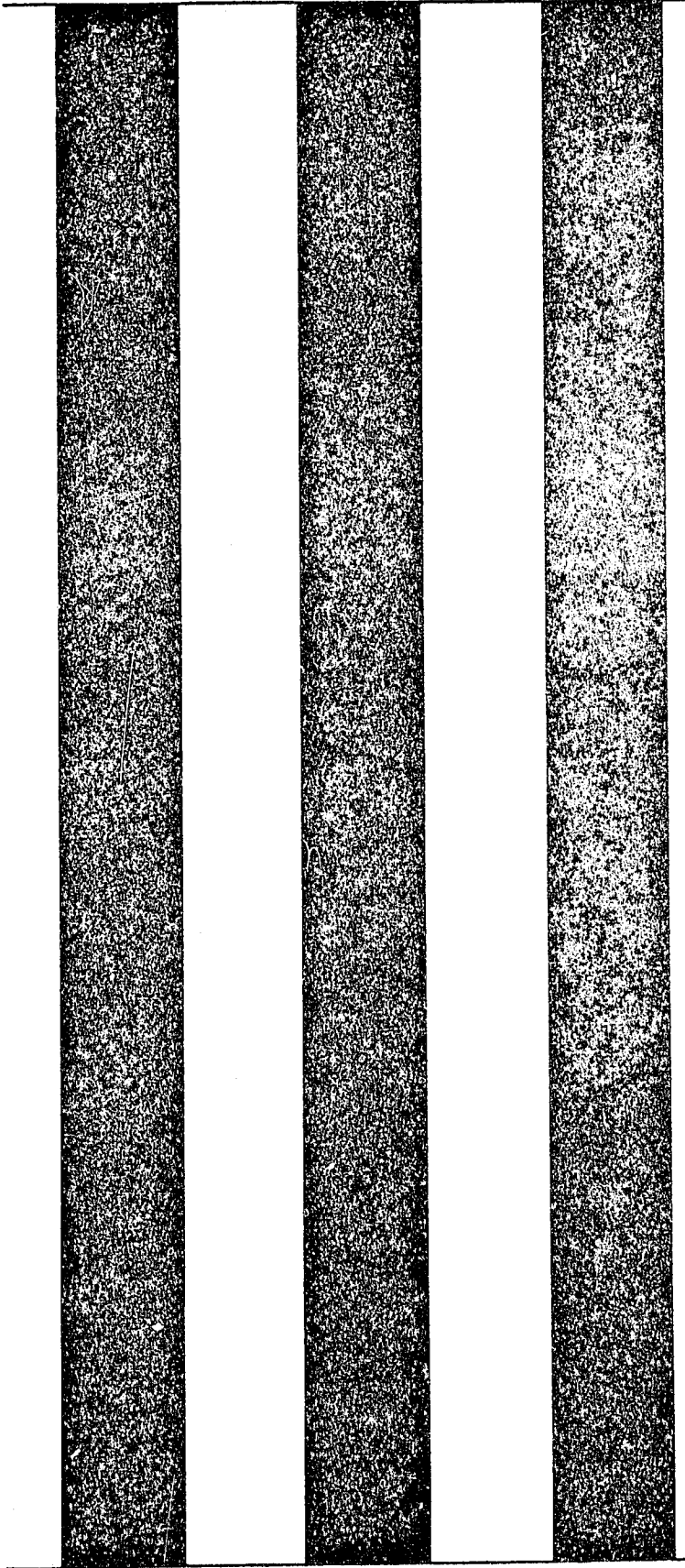
Since the year 1937 Glenn County has kept a fairly accurate record of the farm activities and income. The first year for which a farm record was kept the county income was \$6,428,000. During the succeeding 8 years the farm income climbed steadily until it reached in 1944 \$19,047,000. This brings to light the rapid growth and trend which the farm activities have taken in the past few years. This brief record seems to indicate a continual broadening of the farm program in Glenn County.

The immediate problems confronting farmers in the coming year are chiefly: Favorable weather, a satisfactory labor pool, and more light type of mobile farm machinery which can be operated by teen-age youngsters and women.

Respectfully submitted,



P. V. Harrigan
Agricultural Commissioner.



1945

V.F.
Lalston J. Co.

ANNUAL REPORT

Agricultural Commissioner

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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 Sots
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
--	--	--	-----------

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.

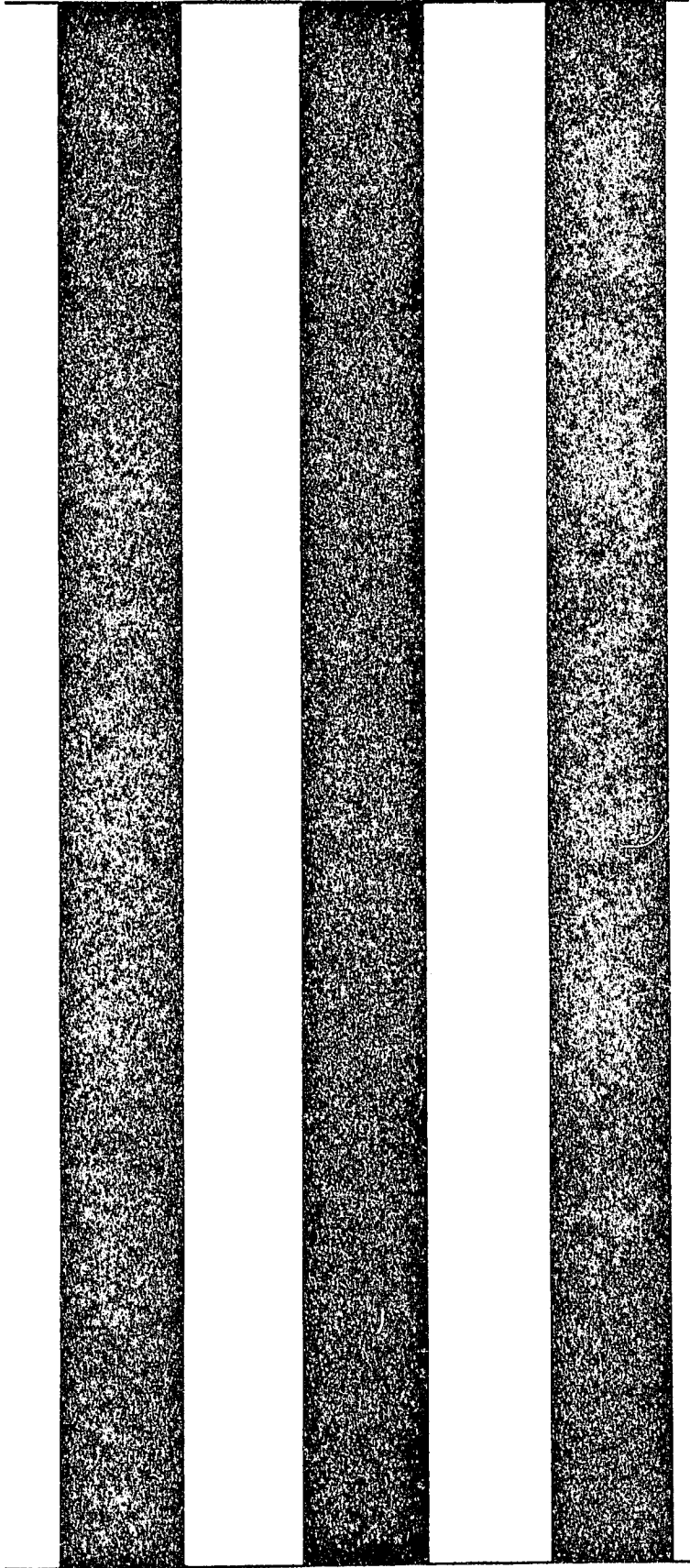
The construction of several modern rice driers, and bulk storage and loading bins for barley, wheat, and rice, are making a definite change in the methods of handling grain and cereal crops.

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.



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ANNUAL REPORT

Agricultural Commissioner

—
COUNTY OF GLENN

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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.

* * * * *

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)

CATTLE		FORWARD.....	\$11,733,000
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	
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
FOREST PRODUCTS			
Posts and poles	2,000		
Lumber	41,500		
Christmas Trees	2,500		46,000
GRAND TOTAL			<hr/> \$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	Flaskett 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.

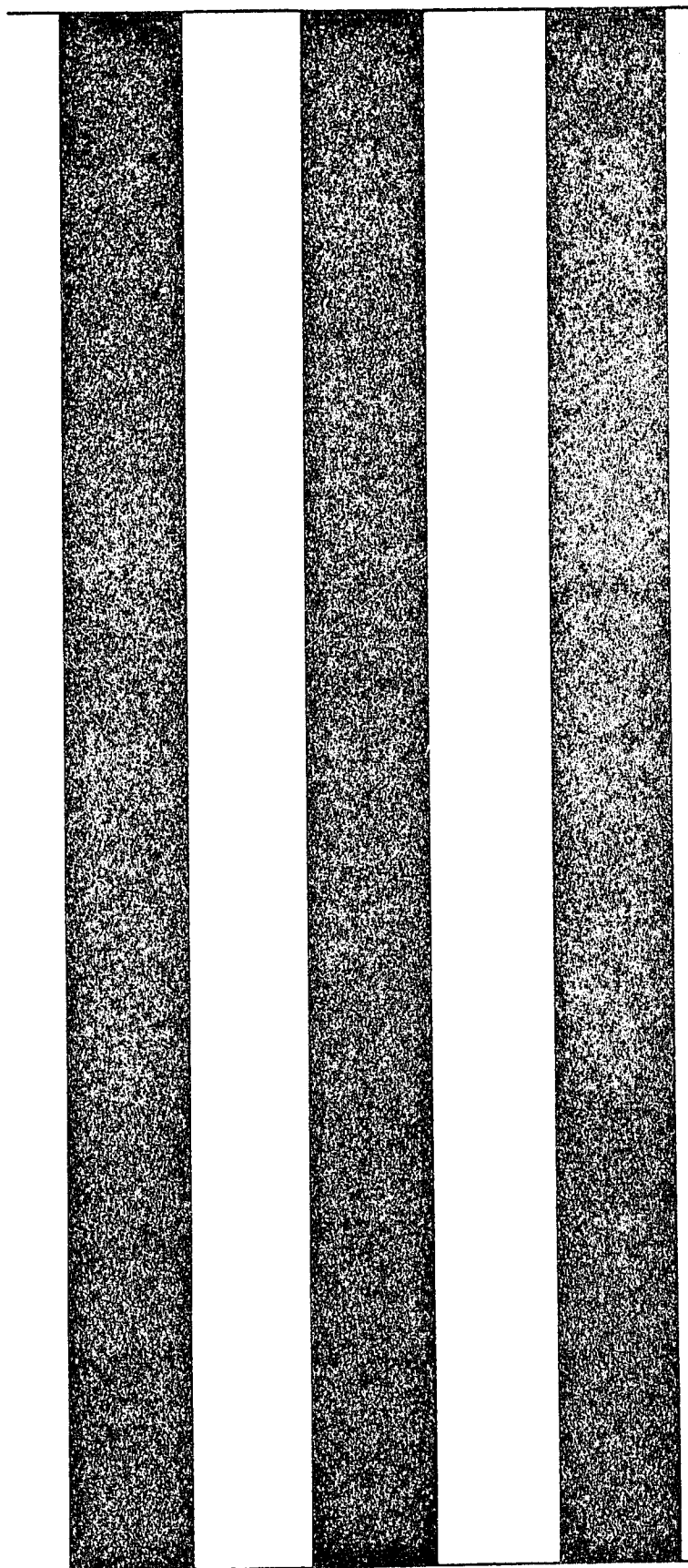
The population in 1937 was 11,000, and the estimated population today is 15,000, or an increase of 4,000 in population and \$15,000,000 in annual income.

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.



1947

ANNUAL REPORT

Agricultural Commissioner

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COUNTY OF GLENN

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P. V. HARRIGAN

GLENN COUNTY DEPARTMENT OF AGRICULTURE

WILLOWS, CALIFORNIA

P. V. Harrigan
Agricultural Commissioner

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A N N U A L R E P O R T

For the
Year ending December 31, 1947

* * *

BOARD OF SUPERVISORS

M. G. Haigh, Chairman

Henry McMahon

Richard Nichols

Darwin Picknell

C. C. Adams

TO THE HONORABLE BOARD OF SUPERVISORS
OF THE COUNTY OF GLENN
and
TO THE HONORABLE A. A. BROCK, DIRECTOR OF THE
CALIFORNIA STATE DEPARTMENT OF AGRICULTURE

Article I - COUNTY AGRICULTURAL COMMISSIONER

Section 50 - COUNTY DEPARTMENT OF AGRICULTURE - There shall be the office of county agricultural commissioner in each county. Such commissioner shall be in charge of the county department of agriculture.

Section 65 - RECORDS - The commissioner shall keep a record of his official acts and make an annual report to the director of agriculture on the condition of the agricultural interests in his county, as to what is being done to eradicate, or to control or to destroy pests and also as to quarantine against pests, and shall furnish from time to time to the director such other information as he may require.

Section 65 - REPORT - The commissioner shall also make a monthly report to the board of supervisors if and when so required by said board.

Section 65.5 - STATISTICS - The commissioner shall compile reports of the condition, acreage, production, and value of the agricultural products in his county. The commissioner may publish such reports, and shall transmit a copy thereof to the director.

In accordance with the California Political Code, this report is

Respectfully submitted,

T. V. Harrigan
F. V. Harrigan
Agricultural Commissioner
of the County of Glenn

December 31, 1947.

PLANT INSPECTION

The following plant material and seeds were inspected and passed into Glenn County during the calendar year 1947:

- 4,494 Ornamentals
- 36,260 Bulbs, Corms and Tubers
- 1,315 Rose Bushes
- 14,464 Bedding Plants
- 1,253 Berry Plants
- 5,766 Strawberry Plants
- 26,294 Vegetable Plants
- 1,782 Packets Flower and Vegetable Seed
- 43 Cactus Plants

- 3 Sacks Irish Seed Potatoes
- 6 Sacks Sweet Seed Potatoes
- 40 Carloads Feed Potatoes

- 11 Sacks Sweet Corn
- 8 Sacks Bean Seed
- 12 Sacks Pea Seed
- 12 Sacks Onion Sets
- 1 Sack Peanut Seeds
- 40 Pounds Pumpkin Seed
- 30 Pounds Rutabaga Seed

- 1,825 Pounds Certified Ladino Seed
- 905 Pounds Ladino Seed
- 8 Sacks White Dutch Clover Seed
- 2 Sacks Yellow Sweet Clover Seed
- 2 Sacks Alsike Clover Seed
- 1 Sack Red Clover Seed
- 1 Sack Strawberry Clover Seed
- 1 Sack Korean Clover Seed
- 1 Sack Timothy & Alsike Clover Mixture Seed
- 2 Sacks Lespedeza Seed
- 206 Sacks Alfalfa Seed
- 11 Sacks Lotus (Birdsfoot Trefoil) Seed
- 70 Pounds Lawn Grass Seed
- 18 Sacks Kentucky Bluegrass Seed
- 46 Sacks Perennial Ryegrass Seed
- 1 Sack Bent Grass Seed
- 2 Sacks Brome Grass Seed
- 1 Sack Tall Meadow Oat Grass Seed
- 2 Sacks Harding Grass Seed

PLANT INSPECTIONS (Cont'd)

1 Sack Dallis Grass Seed
3 Sacks Canary Grass Seed
7 Sacks Orchard Grass Seed
1 Sack Crested Wheatgrass Seed
1 Sack Timothy Grass Seed
14 Sacks Millet Seed
4 Sacks Bermuda Grass Seed
8 Sacks Pasture Grass Mixture Seed
16 Sacks Canadian Pea Seed
17 Sacks Austrian Pea Seed
1 Sack Horse Bean Seed
20 Sacks Pink Bean Seed
1 Sack Mung Bean Seed
40 Sacks Milo Seed
64 Sacks Hybrid Corn Seed
1 Sack Atlas Sorgo Seed
658 Sacks Common Vetch Seed
82 Sacks Purple Vetch Seed
15 Sacks Fescue Seed
122 Sacks Sudan Grass Seed
55 Sacks Sweet Sudan Grass Seed

13 Carloads Milo Maize
200 Tons Alfalfa Hay

4,600 Deciduous Fruit Trees
14,037 Deciduous Nut Trees
2,958 Citrus and Subtropical Trees
803 Grapevines

REJECTIONS:

1,120 Deciduous Fruit and Nut Trees
25 Vines and Bedding Plants
38 Tons Alfalfa Hay
13 Carloads Bulk Milo Maize

FARM PRODUCTION

The following crops and livestock were produced in Glenn County during the calendar year of 1947:

2,912,500 Bushels (1,168,000 Sacks)	Rice
1,062,000 Bushels (680,000 Sacks)	Barley
802,300 Bushels (35,300 Sacks)	Wheat
53,000 Bushels (20,000 Sacks)	Milo
45,000 Bushels (16,300 Sacks)	Oats

586,500 Pounds Field Pea Seed
100,000 Pounds Pink Beans
8,000 Pounds Vetch Seed
375,000 Pounds Ladino Clover Seed
11,000 Pounds Alfalfa Seed
6,690 Pounds Lotus Seed
18,500 Pounds Bur Clover Seed

40,000 Tons Hay

5,278 Tons Sugar Beets

2,500 Tons Tomatoes

3,400,000 Pounds Butterfat

1,055,000 Dozen Eggs
315,000 Turkey Eggs

785,000 Pounds Dressed Turkeys
230,000 Pounds Live Poultry

20,000 Head Cattle
9,000 Head Calves
4,500 Cattle Hides

15,000 Head Hogs

90,000 Head Lambs
37,500 Head Sheep
1,000,000 Pounds Wool
5,000 Pelts

38,792 Pounds Package Bees
5,500 Queen Bees
273,000 Pounds Honey
6,800 Pounds Beeswax

FARM PRODUCTION (Cont'd)

2,000,000 Pounds Almonds
437,000 Pounds English Walnuts
150,000 Pounds Black Walnuts

78,000 Boxes Oranges

400,000 Pounds Fresh Apricots
50,000 Pounds Dried Apricots

85,000 Boxes Pears

4,000 Boxes Fresh Peaches
192,000 Pounds Dried Peaches

7,000,000 Pounds Dried Prunes

630,000 Pounds Dried Figs
70,000 Pounds Sub-standard Dried Figs

140 Tons Wine Grapes

444,000 Pounds Olives
1,425,000 Pounds Processed Olives
58,058 Gallons Olive Oil
400 Tons Olive Pomace

FOREST PRODUCTS

Lumber milled 1,100,000 board feet
Logs 14,200,000 board feet
Christmas trees 2,700

EVALUATION OF COMMODITIES

FIELD CROPS:

Rice	\$ 7,010,000	
Barley	2,470,000	
Wheat	236,000	
Oats	58,500	
Milo	85,000	
Field Peas	35,000	
Vetch Seed	1,000	
Ladino Clover	656,500	
Alfalfa Seed	2,000	
Lotus Seed	9,000	
Hay	800,000	
Sugar Beets	77,000	
Tomatoes	67,500	
Bur Clover Seed	9,500	
Beans	13,000	\$ 11,530,000

TREE CROPS:

Almonds	\$ 680,000	
English Walnuts	85,200	
Black Walnuts	5,000	
Olive Oil	232,000	
Olives	48,000	
Processed Olives	161,000	
Olive Pomace	2,800	
Prunes, dried	\$ 490,000	
Oranges	187,000	
Pears	290,000	
Figs, dried	44,000	
Figs, Sub-standard	1,500	
Apricots, fresh	12,000	
Apricots, dried	10,000	
Peaches, fresh	5,000	
Peaches, dried	23,000	
Grapes	4,500	\$ 2,281,000

BEEES AND HONEY:

Package Bees	\$ 58,200	
Queens	5,500	
Honey	41,200	
Wax	3,100	\$ 108,000

EVALUATION OF COMMODITIES (Cont'd)

CATTLE: Forward \$ 13,919,000

Butterfat	\$ 3,260,000		
Cattle	3,000,000		
Calves	180,000		
Hides	60,000	\$ 6,500,000	

SHEEP:

Lambs	1,530,000		
Sheep	450,000		
Wool	500,000		
Pelts	10,000	2,490,000	

HOGS:

Hogs	900,000	900,000	
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POULTRY:

Turkeys, dressed	346,000		
Turkey eggs	63,000		
Live Poultry	62,000		
Chicken eggs	594,000	1,065,000	10,955,000

AGRICULTURAL ADJUSTMENT ADMINISTRATION:

1947 Conservation Payments		42,500	
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PASTURE VALUE:

Maintaining Breeding Stock		1,500,000	
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UNREPORTED FARM INCOME:

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

Logs	454,500		
Lumber	60,500		
Christmas Trees	3,500		518,500

Total \$ 27,935,000

NATURAL ECONOMIC RESOURCES

Population	20,000
Water Resources	Stony Creek, Sacramento River, Grindstone Creek and Butte Creek
Water Storage	Shasta Dam on Sacramento River Stony Gorge Dam on Stony Creek East Park Dam on Stony Creek
Total area in County (acres)	880,000
Irrigation Districts in Operation:	
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
West of Orland on Stony Creek below proposed Black Butte Dam	15,000
Acres in National Forest	221,408
Acres of Standing Timber	86,000
Species of merchantable trees: Sugar Pine; Ponderosa (yellow) Pine; Douglas Fir; White Fir; Red Fir; and Incense Cedar.	
Sawmills in Operation	3
Natural Gas Wells (producing)	5
Number of Farms in Glenn County	1,600
Average acreage of each farm	360
Number of farms over 1,000 acres	127

AGRICULTURAL ECONOMIC RESOURCES
(1947)

Field Crop Acreage:

Barley	80,000	
Rice	38,000	
Ladino Clover	40,000	
Alfalfa	10,000	
Wheat	7,500	
Milo	4,000	
Oats	1,800	
Oats and Vetch Hay	3,000	
Sudan	500	
Lotus	850	
Sugar Beets	265	
Tomatoes	120	
Field Peas	650	
Beans	150	186,835

Fruit and Nut Acreage:

Almonds	4,695	
Prunes	1,596	
Citrus	726	
Apricots	310	
Walnuts	698	
Olives	774	
Peaches	124	
Pears	203	
Figs	209	
Grapes	115	9,450

Livestock:

(Not including lambs or calves)

Sheep	125,000	
Dairy Cattle	24,000	
Beef Cattle	14,000	
Hogs	8,000	
Horses and Mules	1,000	
Chickens	100,000	
Breeding Turkeys	8,000	

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		221,408
Elevation in Forest.	3,000 to 7,450	
Trout Holding Ponds - Plaskett Meadows - Elevation .		6,500
Kinds of Fish:		
Mountain Streams --	Rainbow Trout	
River --	Striped Bass, Black Bass, Salmon, Shad and Catfish; also Steelhead and Rainbow Trout.	
Lakes --	Black Bass, Catfish, Sunfish, Crappie, Bluegill.	
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
Willow Creek		37
Estimated number of wild game:		
Columbia Black Tail Deer		8,000
California Brown Bear		120
Wild Ducks	3,360,000	
Wild Geese	445,000	
Ring-neck Pheasants	35,000	
California Valley Quail	6,000	
Estimated number of predators:		
Mountain Lions		30
Coyotes		1,000
Bobcats		350
Badgers		50
Raccoons		2,200
Skunks		1,800
Mink.		40
Other game: Mountain Quail, Wild Pigeon and Doves		
Wild Game reported killed:		
Deer		786
Mountain Lions		22
Coyotes		225
Muskrats trapped		3,000

POISON REPORT

Chemicals and poisons used in weed and pest control during 1947:

4,920	Pounds	Poison Barley
112	Pounds	Poison Milo
102	Pounds	Poison Wheat
191	Pounds	Poison Oats
3,382	Pounds	Poison Rice
5,196	Pounds	Poison Bran
1,417	Ounces	Ant Poison
35	Pounds	Red Squill Baits
100	Pounds	Antu Rodent Baits
378	Pounds	Lead Arsenate
27	Gallons	Sodium Arsenite
6	Gallons	Black Leaf 40
420	Ounces	Strychnine
970	Pounds	H.C.N.
24	Ounces	Cynogas
30	Pounds	Botano-R
208	Pounds	Sodium Fluosilicate
154	Pounds	DDT
100	Pounds	Bluestone
14,105	Gallons	Diesel Oil
95	Gallons	Summer Oil
150	Pounds	Sodium Chlorate
67	Gallons	2,4-D
500	Pounds	Borax
123	Gallons	Dow General
14	Gallons	Sinox
120	Pounds	1080 (Sodium Fluoroacetate) Baits

APIARY REPORT

9,141 colonies of bees in 295 apiaries were registered during 1947.

3,330 colonies of bees in 33 apiaries were certified to move from other counties in California into Glenn County.

5,939 colonies in 70 apiaries were certified to move from Glenn County to other counties in California.

2,828 colonies in 62 apiaries were inspected during the calendar year 1947.

16 colonies in 11 apiaries were found to be infected with American Foulbrood. 3 colonies in 2 apiaries were found to be infected with European Foulbrood.

38,792 pounds of package bees, 5,500 queens, 273,000 pounds of honey, and 6,800 pounds of beeswax were shipped out of Glenn County during 1947.

WEIGHTS AND MEASURES REPORT

(For the Year 1947)

Tested and sealed without correction:

19 Counter Scales
6 Spring Scales
22 Computing Scales
69 Platform Scales
23 Heavy Capacity Scales
243 Weights
122 Retail Measuring Pumps and Meters
4 Wholesale Meters

Tested and sealed after correction:

11 Counter Scales
11 Spring Scales
17 Computing Scales
68 Platform Scales
37 Heavy Capacity Scales
3 Weights
7 Vehicle Tanks Gauged
11 Retail Measuring Pumps and Meters
1 Wholesale Meter

Tested and found to be out of order:

1 Counter Scale
1 Spring Scale
31 Computing Scales
10 Platform Scales
3 Heavy Capacity Scales
1 Weight
4 Vehicle Tanks Gauged
11 Retail Measuring Pumps and Meters

During the calendar year 282 establishments were visited,
and 216 certificates were issued.

PEST CONTROL

FRUIT AND NUT TREE SURVEY: During the Fall months a County wide survey was carried on to determine the acreage of each variety of fruit and nut trees and vines growing in the County. This was the most complete survey in the past twelve years.

CITRUS SURVEY: A tree by tree survey of the entire citrus acreage was carried on by the Pathology Division, State Department of Agriculture, and Inspectors from the County Agricultural Department, to determine the presence or absence of quick decline of citrus. Fortunately no quick decline was found.

INSECT PEST SURVEY: Two special inspectors were assigned to a close inspection of all citrus trees and about 30 varieties of shrubs in and near the townsite of Orland collecting specimens of all insects found. Red scale was found on two properties and yellow scale on thirty. Both red and yellow scale infested properties were fumigated with HCN gas. The cost, \$2,700.00, was largely borne directly by the two citrus grower's associations. Other insects of importance were citricola scale, soft brown scale, cottony cushion scale, ivy scale, black scale and fig scale; common white fly, mealy bug and many other insects of minor importance. A continuation of the survey will be carried on.

RODENTS: Poison grain for the control of ground squirrel was made available to farmers for use on their own property. Also several types of poison baits were made up for localized rat control.

GRASSHOPPER CONTROL: Poison bran, DDT, and Chlordane were used in the control of grasshoppers, principally in alfalfa and ladino clover fields and pasture land. Excellent results were obtained.

ELM LEAF BEETLE: In cooperation with the Cities of Orland and Willows, and the County of Glenn, 1,100 elm trees were sprayed for the control of the elm leaf beetle.

RED SPIDER: From year to year, occasional heavy infestations of red spider do considerable damage to ladino clover seed fields. Control measures have given only fair results.

WEED CONTROL: A general plan of control against Johnson Grass, Puncture Vine, White Horse Nettle, Hoary Cress, Russian Knapweed, Mexican Whorled Milk Weed and Klamath Weed, is being followed; with the plan in mind of eradication on Klamath Weed, Hoary Cress, Knapweed and White Horse Nettle. Several other nuisance weeds are being given attention.

FARM SUMMARY

The year 1947 closed with one of the most prosperous farm years in history and with the highest farm income on record, a gross of \$27,935,000 was reported for the year 1947. There were several reasons for this gain in income; largely the result of planting specialized crops, such as rice, and increasing of the grain acreage over and above that of previous years, as well as a continuing development of new land for irrigation, most of which was planted to ladino clover. Nature contributed favorably in supplying rain at critical periods for grain crops and pasture.

The additional acreage planted to ladino clover has made more pasture available for livestock. Ladino Clover plantings have gradually increased until there is now a total of approximately 40,000 acres planted to this valuable forage crop.

Rice: Rice with 38,000 acres, the largest planting on record, brought in one-fourth of the total farm income, or \$7,010,000. Other field crops combined produced a total of \$4,520,000, or a total for all field crops of \$11,530,000.

Almonds: Almonds continued to lead in tree crop income with \$680,000. Prunes were second with \$490,000, and Olives third with \$443,800. The total for all tree crops was \$2,281,000. During the past few years 82,000 trees have been planted in the County. This represents 1,100 acres of new plantings of deciduous fruit and nut trees.

Livestock: In the livestock field, butterfat returns brought in \$3,260,000. The combined total for all cattle income was \$6,500,000. Sheep again held a high uniform level, with spring lambs bringing \$1,530,000, or a total combined income of \$2,490,000 for sheep.

Seed: 350 Glenn County farmers are growing the following seeds: Barley, Wheat, Rice, Beans, Oats, Canadian Field Peas, Vetch, Sudan, Lotus, Alfalfa, Milo and Ladino Clover, with clover being by far the most important seed crop grown.