

TO THE HONORABLE BOARD OF SUPERVISORS
OF GLENN COUNTY, CALIFORNIA

ANNUAL REPORT - 1937

The following goods were inspected and passed into Glenn County during the calendar year of 1937:

6,481	Oranmentals
194	Roses
5,322	Bulbs, corms, tubers, etc.
157	Bedding plants
149	Flats Bedding plants
1,606	Vegetable plants
134	Flats Vegetable plants
1,676	Berry plants
10	Cuttings
303	Grapevines
52	Citrus and Subtropical trees
10,652	Deciduous fruit trees
26,023	Nut trees
536	Buckets of vegetable and flower seeds
266	Sacks alfalfa seed
150	Sacks Sudan Grass seed
135	Sacks corn and sorghum seed
87	Sacks Ladinó clover seed
1	Sack White clover seed
4	Sacks Alsike clover seed
1	Sack Sour clover seed
6	Sacks Burr clover seed
2	Sacks White Dutch clover seed
1	Sack Strawberry clover seed
1	Sack Mel Alba (clover) seed
1	Sack Red clover seed
5	Sacks Miscellaneous clover seed
151	Sacks Common Vetch seed
56	Sacks Purple vetch seed
2	Sacks Hairy vetch seed
6	Sacks Italian Ryegrass seed
5	Sacks Perennial Ryegrass seed
18	Sacks Ryegrass seed
5	Sacks Cow Peas seed
10	Sacks A ustrian Fidid Peas seed
2	Sacks Italian Field Peas seed
5	Sacks Kentucky Bluegrass seed
8	Sacks Bermuda grass seed
4	Sacks Lawn grass seed
1	Sack Orchard Grass seed
1	Sack evergreen pasture mix seed
14	Sacks Grass seed
1	Sack Canary Grass seed
6	Sacks Dallis Grass seed

Continued from page 1.

1 Sack Millet seed
6 Sacks Rape seed
1 Sack Peanut seed
3 Sacks Pumpkin seed
1 Sack Sunflower seed
6 Sacks Soy Bean seed
2 Sacks Bean seed
1 Sack Turnip seed
3 Sacks onion sets
2 Sacks carrot seed
1 Sack Lespedeza seed
1 Sack Sesbania seed
1 Sack Mangel Wurtzer seed
10 Sacks Fenugreek seed
1 Sack Feterite seed
9 Sacks Miscellaneous seed

10 Scions, Pistachio Graftwood

22 Carloads baled hay

The following rejections were made on the above shipments:

207 Nut trees, infested with Crowngall and
infested with Borers.

Violation of Section 124 of the
Agricultural Code.

119 Deciduous fruit trees, infected with Crowngall and
infested with Borers.

Violation of Section 124 of the
Agricultural Code.

288 Bales alfalfa hay infested with puncture vine.

Violation of Section 125 of the
Agricultural Code.

The following goods from other states were inspected and passed into Glenn County during the year of 1937:

2,817	Ornamentals
275	Roses
6,646	Bulbs, corms, tubers, etc.
1,738	Berry plants
310	Vegetable plants
24	Hoseradish plants
3,557	Bedding plants
1,345	Packets vegetable and flower seeds
66	Sacks Common vetch seed
10	Sacks Purple vetch seed
8	Sacks Alfalfa seed
7	Sacks Soy Bean seed
1	Sack Corn seed
6	Sacks Cow Peas seed
2	Sacks Canary Grass seed
3	Sacks Millet seed
4	Sacks Proso seed
2	Sacks Lespedeza seed
1	Sack Heterita seed
4	Sacks pond seed mixture
1	Sack seed potatoes
2	Sacks miscellaneous seed
1	Package cut English Holly
4	Baskets Utah celery
8	Boxes apples
6	Carloads potatoes

The following rejections were made on the above shipments:

5 Ornamentals

Violation of Section 115 of the
Agricultural Code of the State
of California.

1. Sack alfalfa seed

Violation of Section 115 of the
Agricultural Code of the State
of California.

The following farm products, by-products and livestock were shipped out of Glenn County during the year 1937:

417,192	bags	barley
11	carloads	bulk barley
83,575	bags	wheat
2	carloads	bulk wheat
381,761	bags	rice
15,469	bags	milo
11,654	bags	oats
1,517	pounds	flax seed
25,159,950	pounds	sugar
31	tank cars	molasses for refining purposes
2,237,737	pounds	butterfat
832,708	dozen	eggs
8,564	dozen	turkey eggs (incomplete)
282,362	pounds	live poultry
600,490	pounds	dressed poultry
1,670,930	pounds	dressed turkeys
3,388	barrels	Greek olives
17	cases	olive oil
473,226	pounds	green olives
400,000	pounds	oil olives
45,550	boxes	oranges
32,707	pounds	shelled black walnut meats
155	pounds	black walnuts in the shells
252,489	pounds	English walnuts in the shells
475	pounds	shelled English walnut meats
499,300	pounds	shelled almond meats
1,156,101	pounds	almonds in the shells
3	carloads	almonds in the shells
55	pounds	pecans
525,000	pounds	watermelons (21 carloads)
412	pounds	persimmons

Weights and Measures Report

28	Counter Scales	Tested and sealed without correct
50	Spring scales	" " " " "
62	Computing scales	" " " " "
195	Platform scales	" " " " "
57	Wagon & Stock scales	" " " " "
58	Miscellaneous scales	" " " " "
3	Counter scales	Tested and sealed after correction
6	Spring scales	" " " " "
10	Computing scales	" " " " "
31	Platform scales	" " " " "
6	Wagon & Stock scales	" " " " "
4	Miscellaneous scales	" " " " "
2	Spring scales	Out of Order
7	Computing scales	" " " " "
11	Platform scales	" " " " "
3	Miscellaneous scales	" " " " "
1	Computing scales	Condemned and Confiscated.
880	Weights	Tested and sealed without correct
26	Weights	Tested and sealed after correction
30	Weights	Out of Order
190	Liquid measures	Tested and sealed without correct
1	Liquid measure	Tested and sealed after correction
1	Liquid measure	Out of Order
126	Measuring pumps & meters	Tested and sealed without correct
51	Measuring pumps & meters	Tested and sealed after correction
31	Measuring pumps & meters	Out of Order
386	Certificates issued during 1937.	
379	Establishments visited in scale testing work in 1937.	
	TOTAL	1,646 Tested and sealed without correction
		138 Tested and sealed after correction
		85 Tested and found out of order
		1 Tested and condemned.

Apiary Inspection Report

- 5,529 colonies of bees in 288 apiaries were registered with this office during 1937.
- 120 colonies of bees in one apiary, with proper certification were admitted into Glenn County from another state.
- 2,242 colonies of bees in 33 apiaries, with proper certification were admitted into Glenn County from other counties.
- 2,102 colonies of bees in 27 apiaries were properly certified to move from Glenn County to other counties in California.
- 5,064 colonies of bees in 184 apiaries were inspected during the year 1937.
 - 77 colonies of bees in 35 apiaries were found to be infected with American Foulbrood and were destroyed by burning.
 - 32 colonies of bees in 13 apiaries were found to be infected with European Foulbrood.
 - 46 colonies of bees in 15 apiaries were found to be infected with Sacbrood.
- 16,913 Pounds of package bees were shipped to other states and Canada during the 1937 season.
- 1,000 Extra queens were shipped to other states and Canada during 1937.
- 260 Tons of honey was the estimated production for 1937.

Poison Distributed

A total of 529 packages of poison was distributed throughout the county during 1937. Poison was distributed for squirrel control, rat and mice control, and gopher control. A few experiments were made on sparrow and linnet control where it was determined that they were doing serious damage to orchards.

Inspections and Calls

A total of 2,824 calls and inspections were made between March 1 and December 31, 1937. These calls were made on rodent, weed and pest control, orchard and garden inspection problems, seed inspections, apiary inspections, standardization certification, and nursery inspection calls.

General Summary

In making my first annual report to the Board of Supervisors it is not possible to use this report in comparison with other seasons, and as a consequence we will be unable to check the conditions of 1937 versus the years of the past.

I am impressed to believe that crop conditions in Glenn County for 1937 were without a doubt as favorable to the farmers as it was possible to expect. Crops for the most part produced unusually heavy yields, with a very minimum of insect pests and plant diseases. I feel assured that the citizens cannot help but be impressed with the heavy shipments of crops produced in Glenn County. This report does not include the vast quantities of local grown commodities which were consumed locally.

In reporting the outgoing shipments care has been taken to use actual figures. Without a doubt large quantities have moved to market which were not reported to this office. In an effort to arrive at the value of the crops produced in Glenn County a very conservative valuation has been put on these commodities. In this report only the value of the five major crops is reported.

Grain

A total of 920,250 bags of barley, rice, wheat, oats and milo, was shipped to market in 1937. Grain heads the list as the most valuable crop in the county, with a total value of \$1,189,077.00.

Lambs and Wool

A total of 71,522 head of lambs and feeder sheep, 1,318,816 pounds of wool, and 5,086 sheep pelts, make up the county's No. 2 most valuable crop with a gross value of \$958,961.00. This does not take into consideration the thousands of sheep remaining in the county. These figures only indicate the value of the commodity shipped to market.

Dairying

Dairying, the third most valuable industry in the county, had a total return of \$850,340.00 for milk products only. Calves shipped to market and dairy cows kept on the farms are not figured in this total.

Poultry and Eggs

Poultry, Glenn County's fourth most valuable crop, is made up chiefly of 841,272 dozen chicken and turkey eggs, 882,852 pounds of live and dressed poultry which consists principally of chickens, and 1,670,930 pounds of dressed turkeys. The valuation placed on the poultry and egg shipments for 1937 is \$703,350.00.

Fruit and Nut Crops

The fruit and nut crops make up the fifth most valuable farming industry. Almonds, walnuts, citrus, olives, apricots, peaches, pears, and prunes, make up the principal crops figured in this classification. The combined total returns for 1937 was \$661,351.00.

Other Crops

There are other valuable crops, the principal of which is the sugar beet industry. This report does not include sugar beet returns because a large amount of the beets milled at Hamilton City were grown in Butte, Tehama and Colusa counties.

Pests and Diseases

Crops chiefly effected with insect pests during the 1937 growing season was milo maize which was infested with corn aphid. Every milo field was more or less infested. Predaceous lady bird beetles helped keep the infestations in check, as there was no mechanical control feasible to be applied.

In the Hamilton City section some of the sugar beet fields were severely injured by infestations of sugar beet aphid. This aphid works on the roots of the plant. Very little control could be practiced except regular irrigation and cultivation.

There were some infestations of brown mite on almonds, red spider on walnuts, peach twig borer in peaches, and citrus thrips on oranges. The infestations were for the most part light and did minor damage. Some spraying was done for controlling red spider and peach twig borer.

Brown rot of apricots, shot-hole fungus in almonds, and curly leaf in peaches, were the chief diseases reported during the 1937 season. For the most part nearly every orchard was sprayed one or more times, using standard fungicides for the control of these diseases. Insect pests were controlled at the same time by including arsenate of lead in the spray.

Weed and Rodent Control

Klamath weed, morning glory, white horse nettle, noary cress, Johnson grass and puncture vine were the main weed pests concentrated on during the 1937 growing season. Due to the WPA weed control project in this county a great deal of this work was done by hand labor. Chemicals used were: diesel oil, acid arsenicals, sodium chlorate, and carbon bisulphide. Diesel oil is used to kill the top growth of plants. Acid arsenicals are applied to the top of the plant and taken to the roots through the top growth. Sodium chlorate

Weed and Rodent Control, continued.

is either applied on the plant or on the ground. This chemical is diffused through the soil, comes in contact with the roots and is fed to the plant through the roots and in this way good control can be had. Rainy weather or irrigation helps to accentuate the value of this chemical because it drives it into the ground. Carbon bisulphide is a fumigant type of weed killer. The soil above and around the roots of the plants are impregnated with this chemical. The gas is diffused to the root growth and killing action is rapid. The only deterrent to the use of this chemical is its high cost.

The weed spray machine was purchased in September and made possible the control of puncture vine on nearly all county highways, some infestations being treated the second time. Early rains in the fall forced the discontinuation of the weed work before it was completed.

A total of 2,992 pounds of poison barley was distributed free to farmers. Most of this barley was put out by individual owners, representing a total of 143,612 acres treated. A total of 150 ounces of strychnine and 128 ounces of Barium Carbonate was used during 1937.

Appreciation

At this time I wish to express my appreciation for the friendly co-operation and help received at all times from the Board of Supervisors, from other county officers, and from the many farm distributing agencies who have helped to make this report possible.

Respectfully submitted,

P.V. Harrigan
Agricultural Commissioner
County Department of Agriculture

1937 FARM PRODUCTION

The following farm products, by-products and livestock were shipped out of Glenn County during the year 1937:

417,192	Bags barley
11	Carloads bulk barley
83,575	Bags wheat
2	Carloads bulk wheat
381,761	Bags rice
15,469	Bags milo
11,654	Bags oats
1,517	Pounds flax seed
25,159,950	Pounds sugar
31	Tank cars molasses for refining puposes
2,237,737	Pounds butterfat
832,708	Dozen eggs
8,564	Dozen turkey eggs (incomplete)
282,362	Pounds live poultry
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3,388	Barrels Greek olives
17	Cases olive oil
473,226	Pounds green olives
400,000	Pounds oil olives
45,550	Boxes oranges
32,707	Pounds shelled black walnut meats
155	Pounds black walnuts in the shells
252,489	Pounds English walnuts in the shells
475	Pounds shelled English walnut meats
499,300	Pounds shelled almond meats
1,156,101	Pounds almonds in the shells
3	Carloads almonds in the shells
55	Pounds pecans
412	Pounds persimmons
475,029	Pounds dried peaches
9	Carloads fresh peaches

1937 Farm Production (Continued):

550	tons green apricots
296,194	pounds dried apricots
68,559	pounds apricot pits
16,780	packed boxes fresh pears
1,578	unpacked lugs fresh pears
146,500	pounds juice grapes
57,740	pounds fresh grapes
112	pounds raisins
28,780	pounds dried figs
3,186,871	pounds dried prunes
66,842	head lambs and feeders
4,680	head sheep
1,318,816	pounds wool
5,086	sheep pelts
443	pounds mohair
44,251	head hogs
3,734	head cattle
281	calves
4,378	tons baled hay

1937 FARM PRODUCTION AND EVALUATIONS

GRAIN

920,250 sacks of barley, rice, wheat, oats, and milo
shipped to market in 1937.

Total value, \$1,189,077.00.

LAMBS AND WOOL

71,522 Head of Lambs and Feeder Sheep
1,318,816 Pounds of Wool
5,086 Sheep Pelts

Gross value \$958,961.00 (Shipped to market)

DAIRYING

\$850,340.00 total return for milk products only.

POULTRY AND EGGS

841,272 Dozen Chicken and Turkey Eggs
882,852 Pounds Live and Dressed Poultry
1,670,930 Pounds Dressed Turkeys

Total value of poultry and egg shipment, \$703,350.00

FRUIT AND NUT CROPS

Almonds, walnuts, citrus, olives, apricots, peaches,
pears, and prunes.

Total value, \$661,351.00