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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Sonoma County

1930-1949

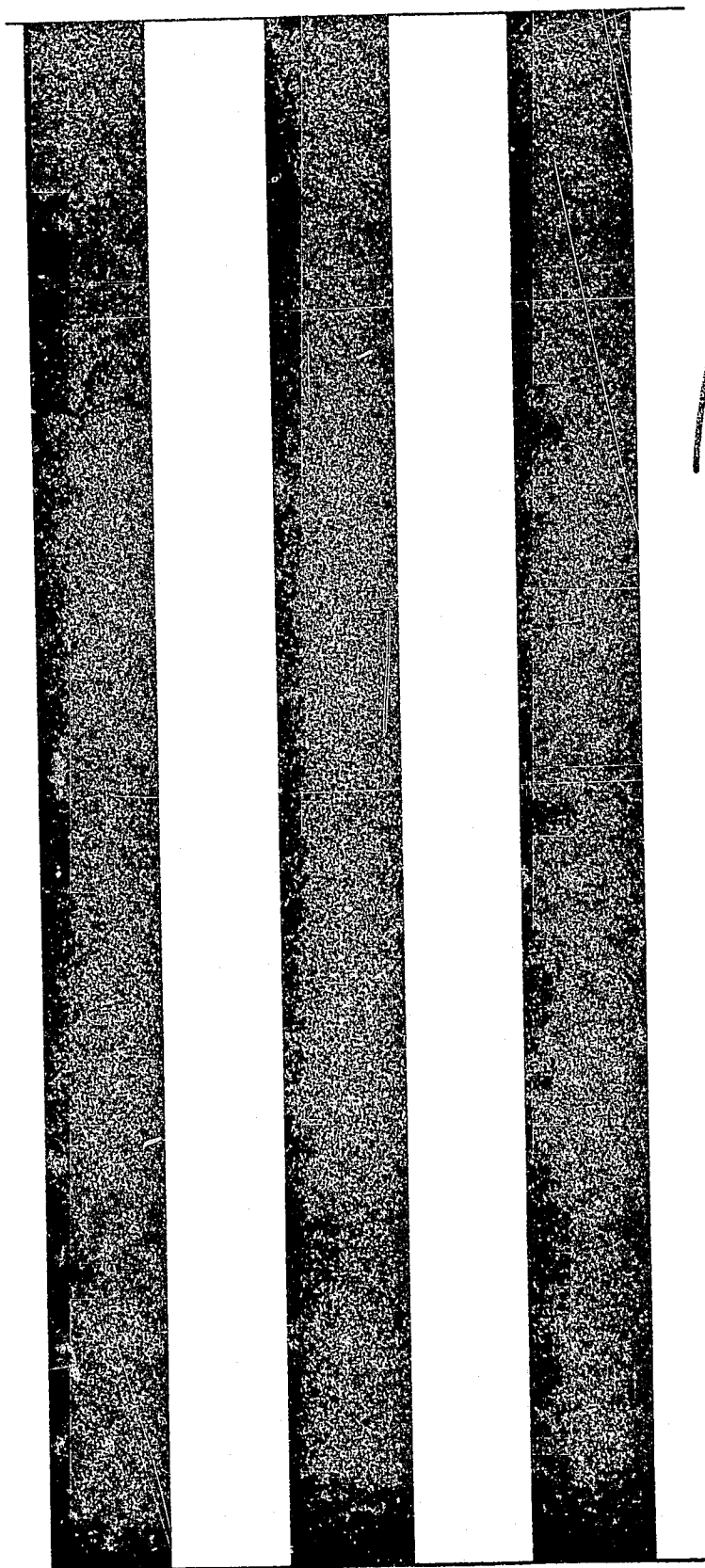
California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics,
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SONOMA COUNTY

1930 - 1981



1930

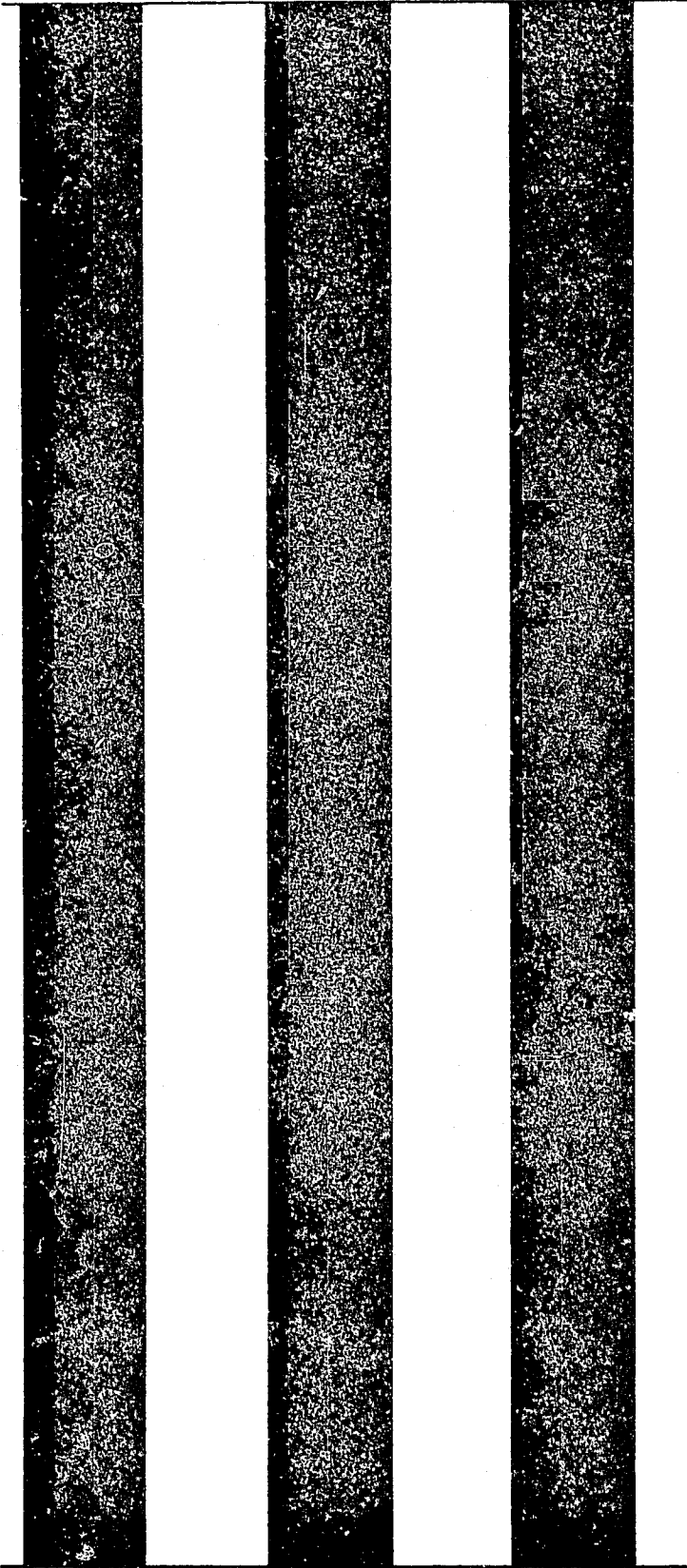
California
Agriculture
Statistics

GIANNINI FOUNDATION OF
AGRICULTURAL ECONOMICS
LIBRARY

CROP PRODUCTION AND VALUATION
Sonoma County
1930

| Crop | Bearing Acreage | Non Bearing Acreage | Tons | Valuation |
|----------|--------------------|------------------------|--|------------------------------|
| Apples | 10,600 | 725 | 5,037 Tons Dry 1,355,000 Boxes Shipped | \$1,133,315.00 745,200.00 |
| Berries | 175 | | 280 | 22,400.00 |
| Cherries | 1,175 | 20 | 2,085 | |
| Grapes | 21,050 | 250 | 32,088 | |
| Pears | 2,650 | 655 | 1,890 Boxes Shipped 5,025 Tons Dry 4,545 Tons Canned | \$206,140 Total Value |
| Prunes | 19,850 | 2,250 | 27,500 Tons Dry | \$1,650,000.00 |
| Plums | 500 | | 2,182 | 76,370.00 |
| Peaches | 350 | 25 | 320 Clings 565 Frees | 35,400.00 |
| Walnuts | 730 | 415 | 170 | 59,500.00 |

11/10/30

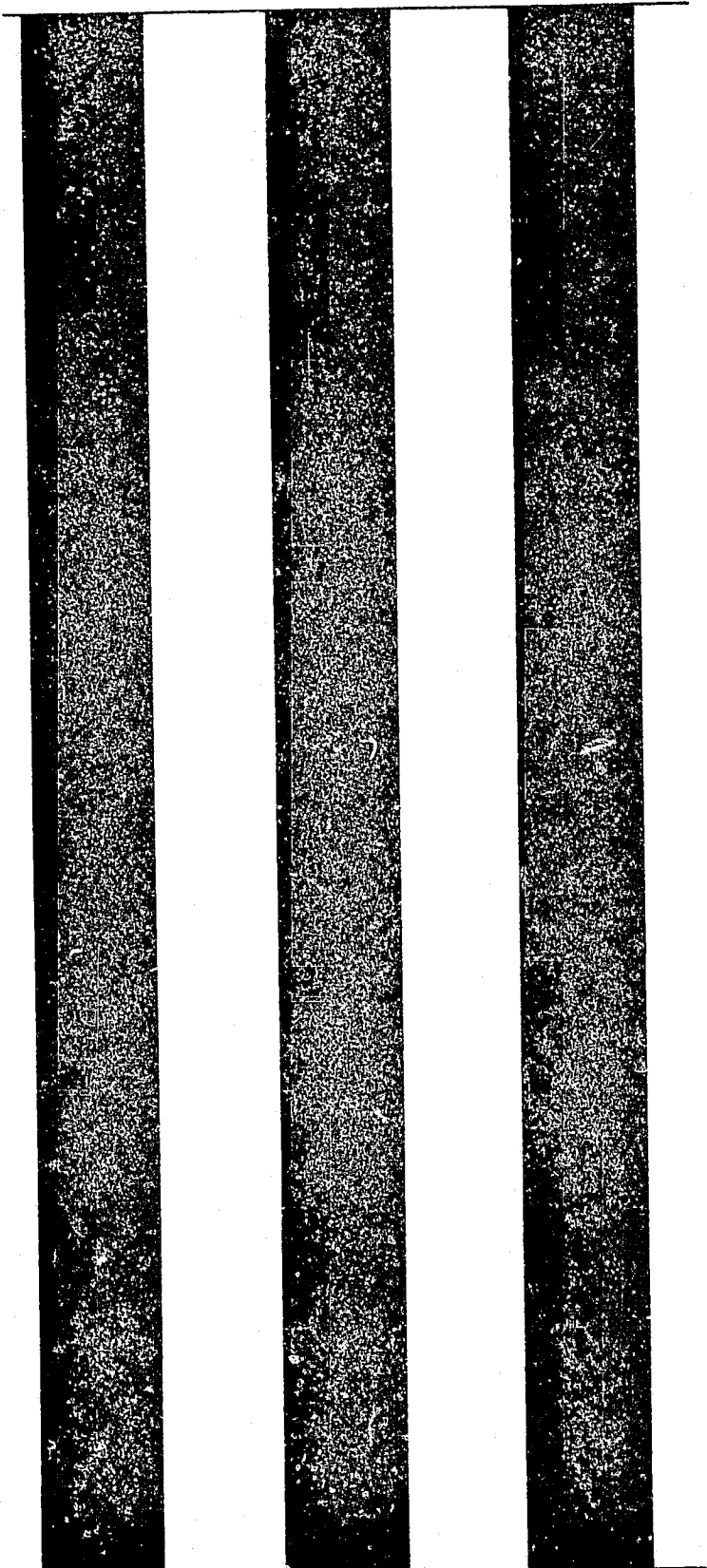


1931

Crop Production
Sonoma County 1931.

| Crop | Bearing Acreage | Non Bearing Acreage | Plantings | Boxes | Tons | Tons Dry |
|----------|--------------------|------------------------|--------------------------------------|--|--------------|----------|
| Apples | 11,400 | 1,000 | Boxes Gravs. Shipt. Late Apples " | 1,234,500 187,500 | | 5,500 |
| Berries | 180 | | | Blacks & Logans Strawberries | 210 80 | |
| Cherries | 1,476 | 133 | | Royal Anne Other Varieties | 1,676 295 | |
| | | | | Estimated that 250 tons went to waste. | | |
| Citrus | 17 | 2 | | | | |
| Is | 30 | | | | | |
| Grapes | 20,233 | 250 | | | 30,250 | |
| Pears | 2,875 | 957 | 25 | | 8,800 | |
| Prunes | 21,875 | 3,937 | 400 | | | 24,100 |
| Plums | 475 | 32 | | | 723 | |
| Peaches | 215 | 50 | | Clings Frees | 520 10 | |
| Walnuts | 815 | 395 | 2 | | 180 | |
| Hops | 13,000 Bales | | | | | |

Handwritten notes:
13,000 Bales
1/10/31

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1932

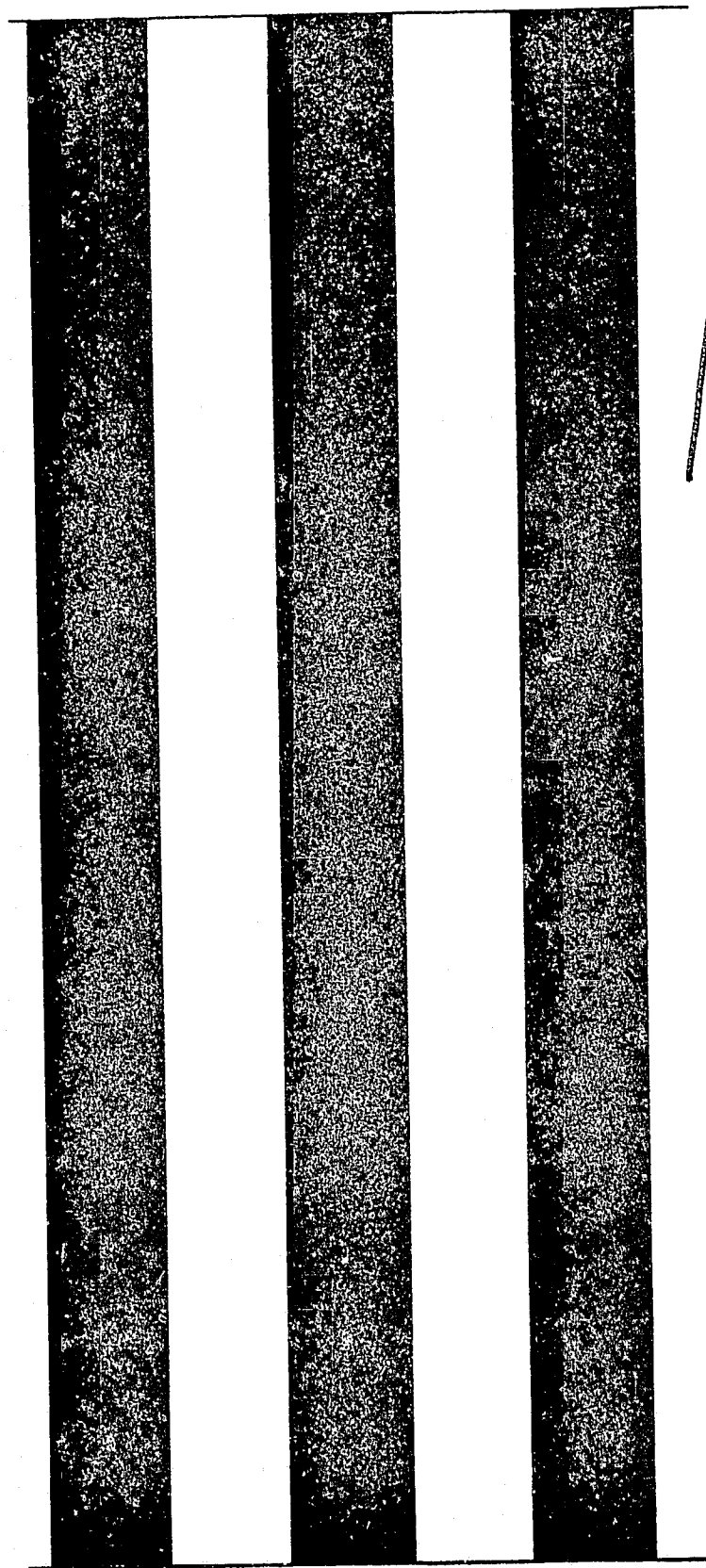
California - Agriculture - Statistics

STANNARD E. BROWN
AGRICULTURAL ECONOMICS
LIBRARY

Crop Production
Sonoma County 1932.

| Crop | Bearing Acreage | Non Bearing Acreage | Plantings | Boxes | Tons | Tons Dry |
|----------|--------------------|------------------------|-----------|------------------|--------|----------|
| Apples | 12,400 | 1,825 | | Shipt. 1,459,500 | | 5,500 |
| Apricots | 25 | 5 | | | | |
| Almonds | 22 | | | | | |
| Berries | 180 | 25 | | | 270 | |
| Cherries | 1,509 | 100 | | | 1,670 | |
| Grapes | 20,133 | 250 | | | 28,250 | |
| Pears | 3,125 | 707 | | | 9,925 | |
| Prunes | 21,975 | 3,837 | | | | 16,450 |
| Plums | 477 | 30 | | | 727 | |
| Peaches | 235 | 45 | | | 427 | |
| Walnuts | 815 | 397 | | | 120 | |
| Hops | 13,136 Bales | | | | | |

*6/9/35
Wm. H. H.*



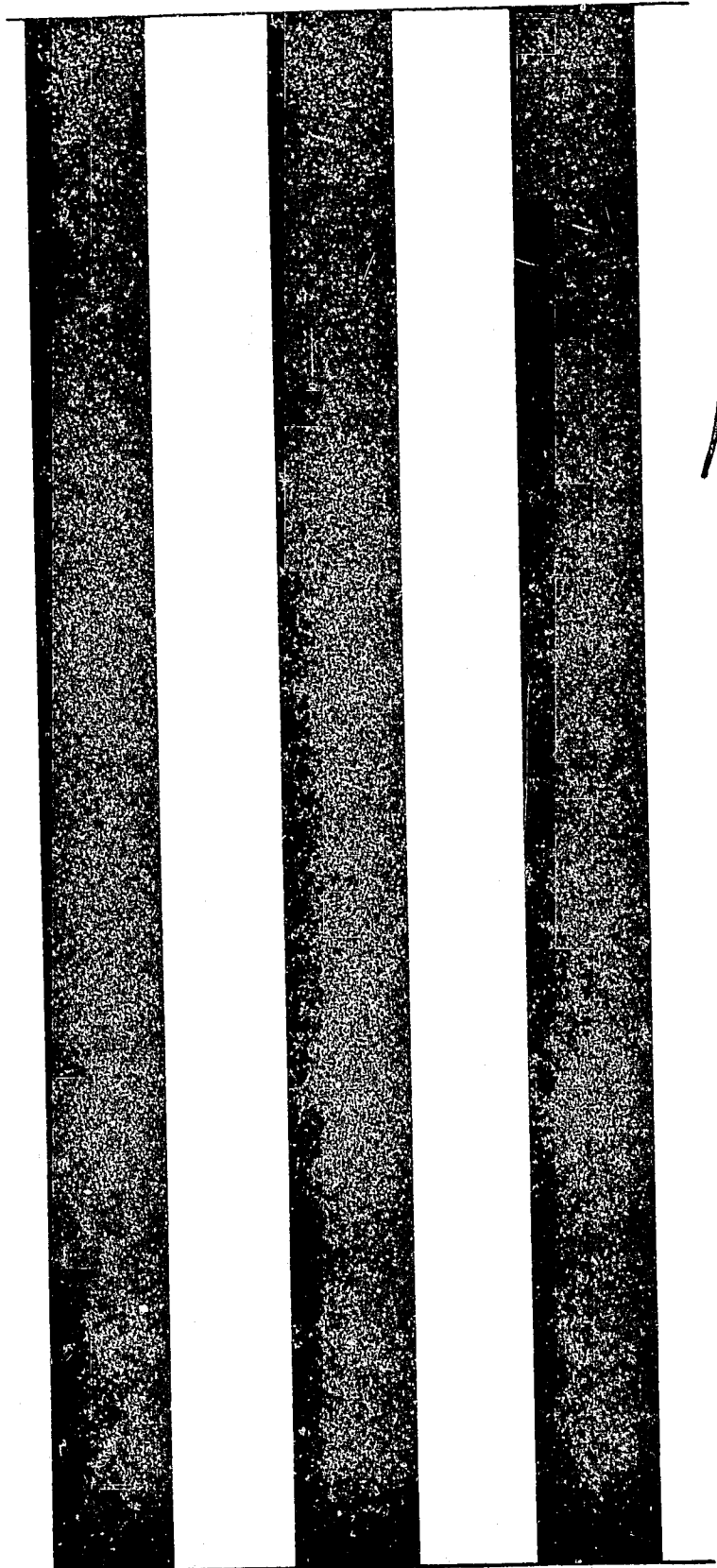
1933

Alameda - Agriculture - Tomatoes

Crop and Valuation
Sonoma County 1933

GIANNINI FOUNDATION OF
AGRICULTURE AND ECONOMICS
1933

| | | |
|--------------------|----------------------|----------------|
| Apples | 7,450 Dry Tons | \$1,080,250.00 |
| " | 1,082,267 Green Tons | 324,680.00 |
| Apricots | 50 Tons | 2,500.00 |
| Cherries | 2,900 Tons | 203,000.00 |
| Peaches | 590 Tons | 17,000.00 |
| Plums | 745 Tons | 22,860.00 |
| Pears | 10,425 Tons | 214,500.00 |
| Quince | 20 Tons | 800.00 |
| Berries (Bush) | 95 Tons | 5,700.00 |
| Prunes | 25,175 Tons | 2,265,750.00 |
| Hops | 21,815 Bales | 1,527,050.00 |
| Seed | 900 Tons | 150,000.00 |
| Tomatoes (Shipped) | 4,500 Crates | 1,500.00 |
| Grapes | 16,500 Tons | 574,500.00 |
| Walnuts | 185 Tons | 45,500.00 |
| Seed Potatoes | 10,200 Sacks Shipped | 25,500.00 |
| Nursery Stock | | 72,000.00 |

Three vertical black bars of equal width and height, positioned side-by-side. They have a grainy, textured appearance.

1934

Crop and Valuation

Sonoma County Year 1934

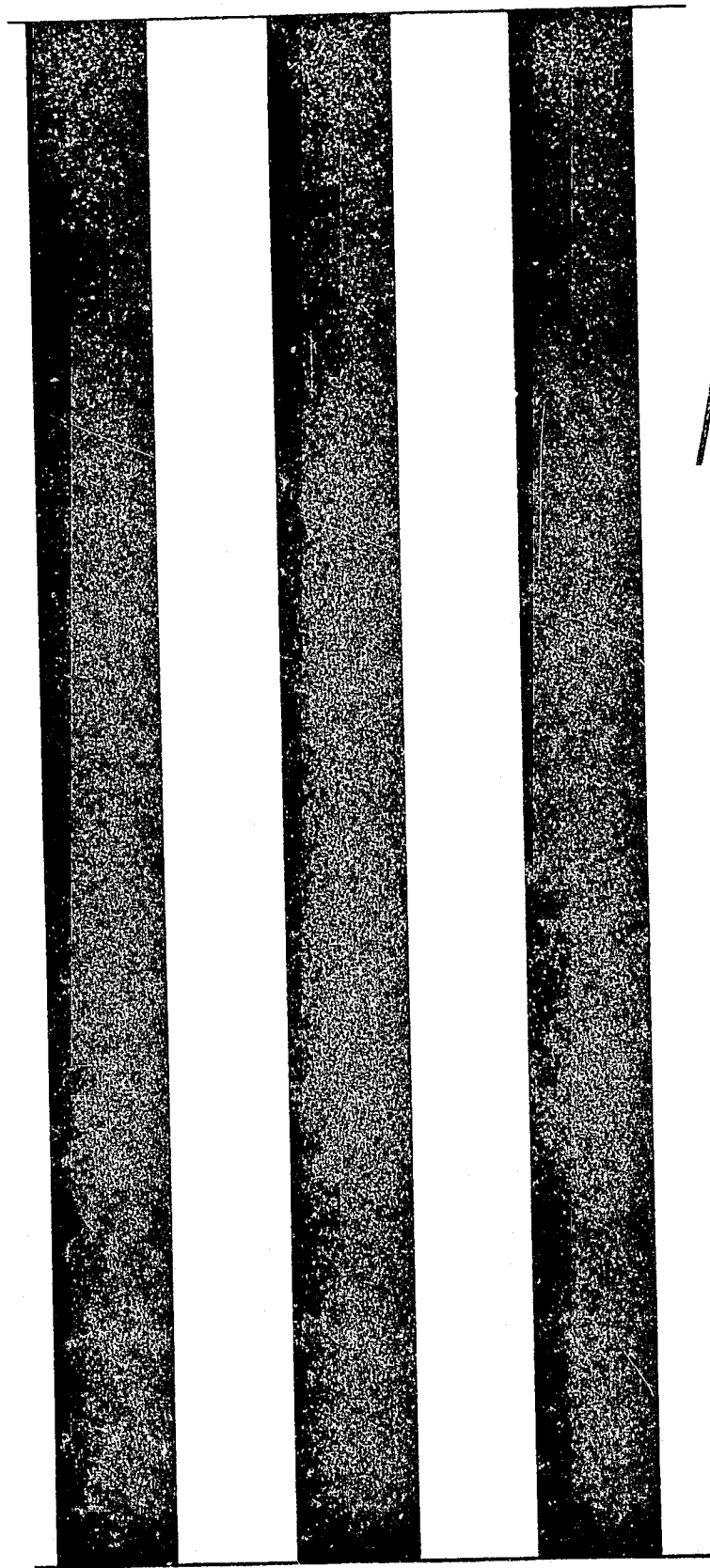
| Crop | Bearing Acreage | Non Bearing Acreage | Tons | Valuation |
|---|--|--|--|----------------|
| Apples (Gravensteins) (Late Apples) | 13,460 | 1,915 (\$672,000) (\$375,000) (\$66,500) | 4,200 Dry 576,161 Boxes 94,500 " | \$1,373,500.00 |
| | (Cost of | packing \$260,000) | | |
| Apricots | 30 | | 75 Tons | 12,000.00 |
| Cherries (Royal Anne) | 1,335 | 40 | 400 | 48,000.00 |
| (Blacks) | 145 | 5 | 145 | 14,500.00 |
| | | | | 7,200.00 |
| Berries | 100 | | 90 | |
| Peaches | 162 | | 372 | 14,800.00 |
| Pears | 3,435 | 46 | 8,065 | 252,575.00 |
| Plums | 309 | 1,850 | | 13,350.00 |
| Prunes | 23,021 | | 17,000 | 1,425,000.00 |
| Hops | 3,500 | | 14,415 Bales | 612,000.00 |
| | 21,500 | | | |
| Grapes | | | (1,350 Cars Shipped | |
| | | | 42,500 Tons | 637,500.00 |
| Tomatoes | 250 | | 1,025 Tons Canned | |
| | | | 300 " Shipped | 25,375.00 |
| Potatoes | 375 | | | 27,500.00 |
| Walnuts | 930 | 295 | 195 Tons | 48,750.00 |
| Nusery Stock | (Includes bulbs, trees, plants, etc.,) | | | 65,000.00 |
| Seed | 3,506 (Vegetable & flower) | | 1,000 Tons | 250,000.00 |
| Hay and Grain | | | | 765,000.00 |
| Mustard Greens | | | 5 Cars shipped | 1,000.00 |

Livestock Valuation

Sonoma County Year 1934

| | Number | Valuation |
|-------------|---|---------------------------------|
| Sheep | 80,000 | \$395,000.00 (Wool lambs, etc.) |
| Dairy Cows | 42,000 | 2,950,000.00 |
| Beef cattle | 3,500 | 40,000.00 |
| Poultry | 6,000,000 hens 35,000,000 doz. eggs Valuation includes young stock, old hens and fertilizer Baby chicks shipped | 8,415,000.00 |
| Rabbits | | 7,500.00 |
| Hogs | 12,000 | 105,000.00 |
| Bees | Package bees, queens and honey | 9,800.00 |

Total Valuation
Crops & livestock \$17,515,130.00



1935

Production and Valuation

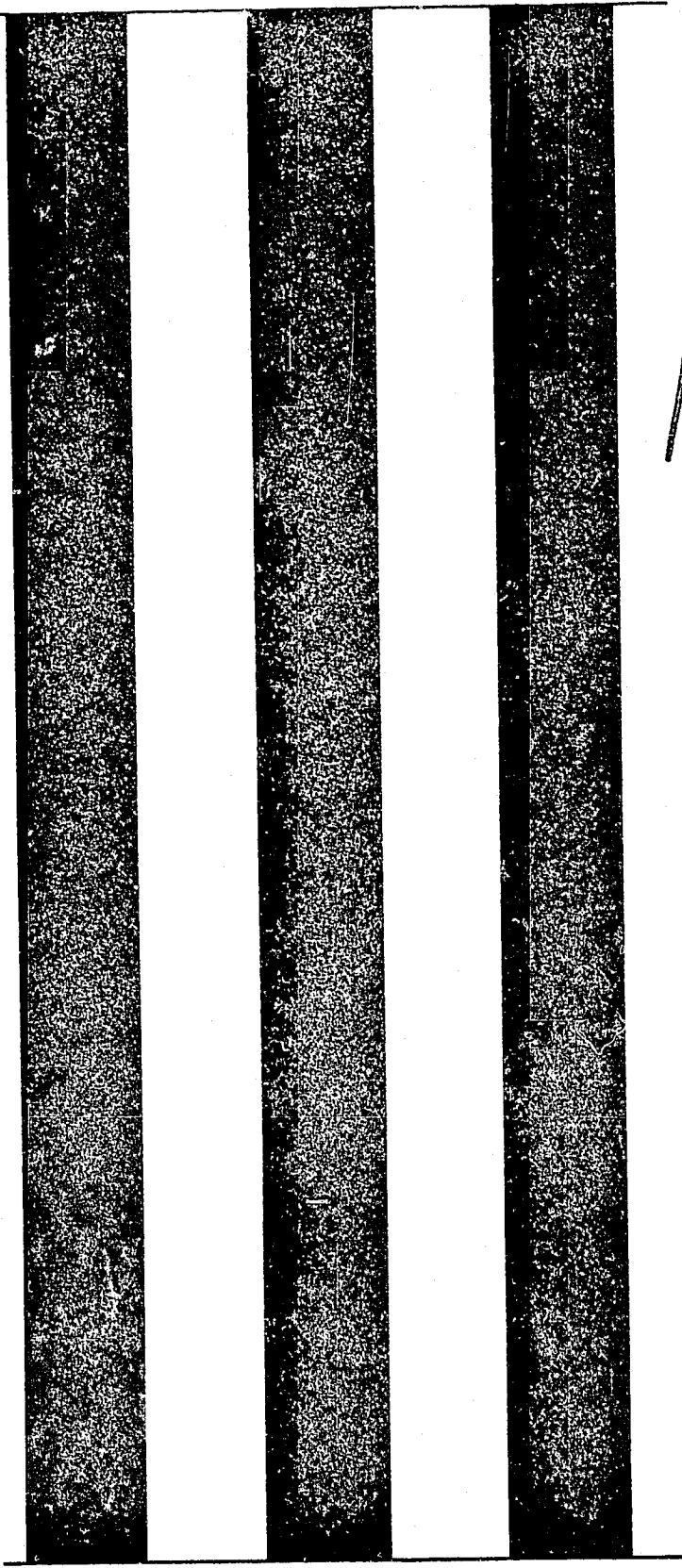
Sonoma County

1935

| Crop | Production | Valuation |
|-----------------------------------|----------------|---------------|
| Apples (Early) | 1,515 Cars ✓ | \$572,670.00 |
| " (Late) | 200 " ✓ | 90,720.00 |
| Dried Apples | 8,000 Tons ✓ | 1,880,000.00 |
| Apricots | 25 " ✓ | 1,500.00 |
| Cherry | 1,387 " ✓ | 157,900.00 |
| Peach | 180 " ✓ | 6,300.00 |
| Plums | 329 " | 9,870.00 |
| Pears | 6,845 " ✓ | 205,350.00 |
| Quince | 25 " | 500.00 |
| Blackberry | 75 " | 5,250.00 |
| Other Berries | | 5,500.00 |
| Prune | 23,000 " ✓ | 1,840,000.00 |
| Grapes | 35,000 " ✓ | 365,000.00 |
| Hops | 15,010 Bales ✓ | 510,350.00 |
| Vegetable Seed | 875 Tons | 525,000.00 |
| Hay and Grain | | 750,000.00 |
| Mustard Greens | 6 Cars | 1,250.00 |
| Nusery Stock | | 58,500.00 |
| Walnuts | 205 Tons ✓ | 59,200.00 |
| Potatoes | 55,6000 Sacks | 57,500.00 |
| Poultry Products (6,5000,000) | | 11,200,000.00 |
| Sheep | 82,000 | 385,000.00 |
| Dairy (Cows 42,000) | | 2,975,000.00 |
| Beef Cattle (3,6000) | | 60,000.00 |
| Hogs (12,000) | | 205,500.00 |

Production and Valuation (Cont.)
1935

| Crop | Production | Valuation |
|--|------------|------------------------|
| Rabbits | | 8,000.00 |
| Bees and Honey | | 10,000.00 |
| Vegetables (Squash, corn, tomatoes etc.) | | <u>41,000.00</u> |
| | Total | <u>\$22,000,360.00</u> |

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1936

CROP AND ACREAGE REPORT
SONOMA COUNTY
1936

| Crop | Bearing Acreage | Non-Bearing Acreage. | Production | Valuation |
|---------------------------------------|--------------------|-------------------------|---|---|
| Apples | 15,161.3 | 1,172.2 | 659,254 Boxes (Early) 95,000 " (Late) 4,990 Tons Dry Apples | \$415,552.00 69,500.00 738,500.00 |
| Apricots | 83.1 | 1.2 | 15 Tons | 750.00 |
| Cherries | 1,705.5 | 41.2 | 2,042 " Royal Ann 195 " Black 40 " Soft White | 218,300.00 |
| Pears | 3,507.8 | 255.5 | 9,525 " | 215,000.00 |
| Plums | 305.8 | 16.6 | 365 " | 10,950.00 |
| Prunes | 24,404.4 | 1,250.4 | 20,500 " | 1,845,000.00 |
| Quince | 18.4 | | 20 " | 400.00 |
| Peaches (Clingstone) | 130.6 | 10.5 | 52 " | |
| Peaches (Freestone) | 245.9 | 15.4 | 104 " Total | 4,680.00 |
| Berries (All) | | | | 13,770.00 |
| Grapes | 19,191.5 | 1,530.3 | 22,000 " | 440,000.00 |
| Figs | 14.5 | 4.8 | | |
| Almonds | 14.5 | .4 | | |
| Chestnuts | 16 | | 237 | 67,545.00 |
| Walnuts | 931.3 | 222.1 | 155 Tons | 44,175.00 |
| Tomatoes | | | 1,225 Boxes shipped 600 Tons canned | |
| | | | Total | 13,375.00 |
| Vegetables | | | | 33,000.00 |
| Vegetable Seed | 3,000 | | 588 Tons | 470,000.00 |
| Potatoes | | | 28,500 Sacks | 51,300.00 |
| Hops | 2,695.5 | | 9,523 Bales | 416,155.00 |
| Hay and Grain | | | | 785,000.00 |
| Nursery Stock | | | | 62,500.00 |
| Flowers and Bulbs | | | | 17,500.00 |
| Poultry, chickens, eggs, manure, etc. | | | | 11,368,000.00 |

| | | | | |
|---------------------------------------|----------|---------|---------------------|---|
| Pears | 3,507.8 | 255.5 | 9,523 | |
| Plums | 305.8 | 16.6 | 365 | " 10,950.00 |
| Prunes | 24,404.4 | 1,250.4 | 20,500 | " 1,845,000.00 |
| Quince | 18.4 | | 20 | " 400.00 |
| Peaches (Clingstone) | 130.6 | 10.5 | 52 | " |
| Peaches (Freestone) | 245.9 | 15.4 | 104 | " Total 4,680.00 |
| Berries (All) | | | | 13,770.00 |
| Grapes | 19,191.5 | 1,530.3 | 22,000 | " 440,000.00 |
| Figs | 14.5 | 4.8 | | |
| Almonds | 14.5 | .4 | | |
| Chestnuts | 16 | | 237 | 67,545.00 |
| Walnuts | 931.3 | 222.1 | 155 Tons | 44,175.00 |
| Tomatoes | | | 1,225 Boxes shipped | |
| | | | 600 Tons canned | |
| | | | Total | 13,375.00 |
| Vegetables | | | | 35,000.00 |
| Vegetable Seed | 3,000 | | 588 Tons | 470,000.00 |
| Potatoes | | | 28,500 Sacks | 51,300.00 |
| Hops | 2,695.5 | | 9,523 Bales | 416,155.00 |
| Hay and Grain | | | | 785,000.00 |
| Nursery Stock | | | | 62,500.00 |
| Flowers and Bulbs | | | | 17,500.00 |
| Poultry, chickens, eggs, manure, etc. | | | | 11,368,000.00 |
| Turkeys, Ducks and Geese | | | | 221,950.00 |
| Dairy Cows (52,000) | | | | 2,985,000.00 |
| Beef Cattle (10,000) | | | | 155,000.00 |
| Sheep and Wool (106,000 Sheep) | | | | 546,000.00 |
| Hogs (14,080) | | | | 267,150.00 |
| Rabbits | | | | 6,500.00 |
| Bees and Honey | | | | 12,500.00 |
| | | | Total | \$21,429,507.00 21,452,877.00 |

1937

CROP REPORT SONOMA COUNTY

1937

| Crop | Production | Valuation |
|---|---|-------------------------|
| Apples: | | |
| Gravenstein | 1,651 Cars 1,247,156 Boxes @ 34¢ | \$424,033.00 |
| Late Apples | 400 " 302,400 " @ .30¢ | 90,720.00 |
| Dried Apples: | | |
| Gravensteins | 4,700 tons @ .05 3/4¢ | 540,500.00 |
| Late Apples | 3,300 " @ .05 1/2¢ | 363,000.00 |
| Vinegar Apples | 2,481 " @ \$5.00 | 12,405.00 |
| Peelings and Cores | 12,000 " @ \$1.25 | 15,000.00 |
| Cherries: | | |
| Royal Anne | 1,850 tons (1,500 tons barreled @ .08 3/4¢ (350 tons canned @ .08 3/4¢ 357 tons Black Cherries @ .06¢ | 323,750.00 42,840.00 |
| Peaches | 271 tons @ \$40.00 | 10,840.00 |
| Plums | 619 " @ \$35.00 | 21,665.00 |
| Pears Dried | 450 " @ .05¢ 7,240 " Canned and shipped @ \$25.00 | 45,000.00 181,000.00 |
| Berries | 90 " C \$90.00 | 8,100.00 |
| " | 10 " Logans @ \$120.00 | 1,200.00 |
| Prunes: S.R. District | 11,500 tons | |
| Healdsburg District | 18,350 " | |
| | 29,850 tons @ \$62.50 | 1,865,625.00 |
| Grapes | 35,000 tons @ \$22.00 | 770,000.00 |
| Hops | 20,745 bales (2,000 bales unpicked) | 705,330.00 |
| Seed (2,550) | 890 tons @ .18¢ | 301,400.00 |
| Corn, Sweet | 600 acres @ \$45.00 | 27,000.00 |
| Potatoes, Seed & Table | 41,000 sacks | 41,000.00 |
| Vegetables, Squash, Cucumbers & Rhubarb etc. (45 acres rhubarb) | | 36,500.00 |
| Tomatoes | 600 Boxes shipped | 12,250.00 |
| Hay and Grain | | 815,000.00 |
| Nursery stock, flowers and bulbs | | 92,000.00 |

Cherries:

| | | |
|------------|--|------------|
| Royal Anne | 1,850 tons (1,500 tons barreled @ .08 3/4¢ | 323,750.00 |
| | (350 tons canned @ .08 3/4¢ | 42,840.00 |
| | 357 tons Black Cherries @ .06¢ | |

| | | |
|---------|--------------------|-----------|
| Peaches | 271 tons @ \$40.00 | 10,840.00 |
|---------|--------------------|-----------|

| | | |
|-------|-----------------|-----------|
| Plums | 619 " @ \$35.00 | 21,665.00 |
|-------|-----------------|-----------|

| | | |
|-------------|--------------------------------------|------------|
| Pears Dried | 450 " @ .05¢ | 45,000.00 |
| | 7,240 " Canned and shipped @ \$25.00 | 181,000.00 |

| | | |
|---------|------------------------|----------|
| Berries | 90 " @ \$90.00 | 8,100.00 |
| " | 10 " Logans @ \$120.00 | 1,200.00 |

| | | |
|-----------------------|------------------------------|--------------|
| Prunes: S.R. District | 11,500 tons | |
| Healdsburg District | 18,350 " | |
| | <u>29,850 tons @ \$62.50</u> | 1,865,625.00 |

| | | |
|--------|-----------------------|------------|
| Grapes | 35,000 tons @ \$22.00 | 770,000.00 |
|--------|-----------------------|------------|

| | | |
|------|---------------------------------------|------------|
| Hops | 20,745 bales (2,000 bales unpicked) | 705,330.00 |
|------|---------------------------------------|------------|

| | | |
|----------------|-----------------|------------|
| Seed (2,550) | 890 tons @ .18¢ | 301,400.00 |
|----------------|-----------------|------------|

| | | |
|-------------|---------------------|-----------|
| Corn, Sweet | 600 acres @ \$45.00 | 27,000.00 |
|-------------|---------------------|-----------|

| | | |
|------------------------|--------------|-----------|
| Potatoes, Seed & Table | 41,000 sacks | 41,000.00 |
|------------------------|--------------|-----------|

| | | |
|---|--|-----------|
| Vegetables, Squash, Cucumbers & Rhubarb etc. (45 acres rhubarb) | | 36,500.00 |
|---|--|-----------|

| | | |
|----------|-------------------|-----------|
| Tomatoes | 600 Boxes shipped | 12,250.00 |
|----------|-------------------|-----------|

| | | |
|---------------|--|------------|
| Hay and Grain | | 815,000.00 |
|---------------|--|------------|

| | | |
|----------------------------------|--|-----------|
| Nursery stock, flowers and bulbs | | 92,000.00 |
|----------------------------------|--|-----------|

| | | |
|---------|--------------------|-----------|
| Walnuts | 95 tons @ \$190.00 | 18,050.00 |
|---------|--------------------|-----------|

| | | |
|---------|---------------------------------------|--------------|
| Poultry | 1,350,000 cases eggs @ .21¢ per doz. | 8,505,000.00 |
| | 4,250,000 lbs. dressed poultry @ .17¢ | 722,500.00 |
| | (Includes 105,000 turkeys) | |
| | Chicks, fertilizer etc. | 2,412,500.00 |

| | | |
|----------------|--|------------|
| Sheep and Wool | | 410,400.00 |
|----------------|--|------------|

| | | |
|--------|--------------------|------------|
| Cattle | 9,500 (Estimate) | 165,000.00 |
|--------|--------------------|------------|

| | | |
|-------|--------------|--------------|
| Dairy | (Estimate) | 2,750,000.00 |
|-------|--------------|--------------|

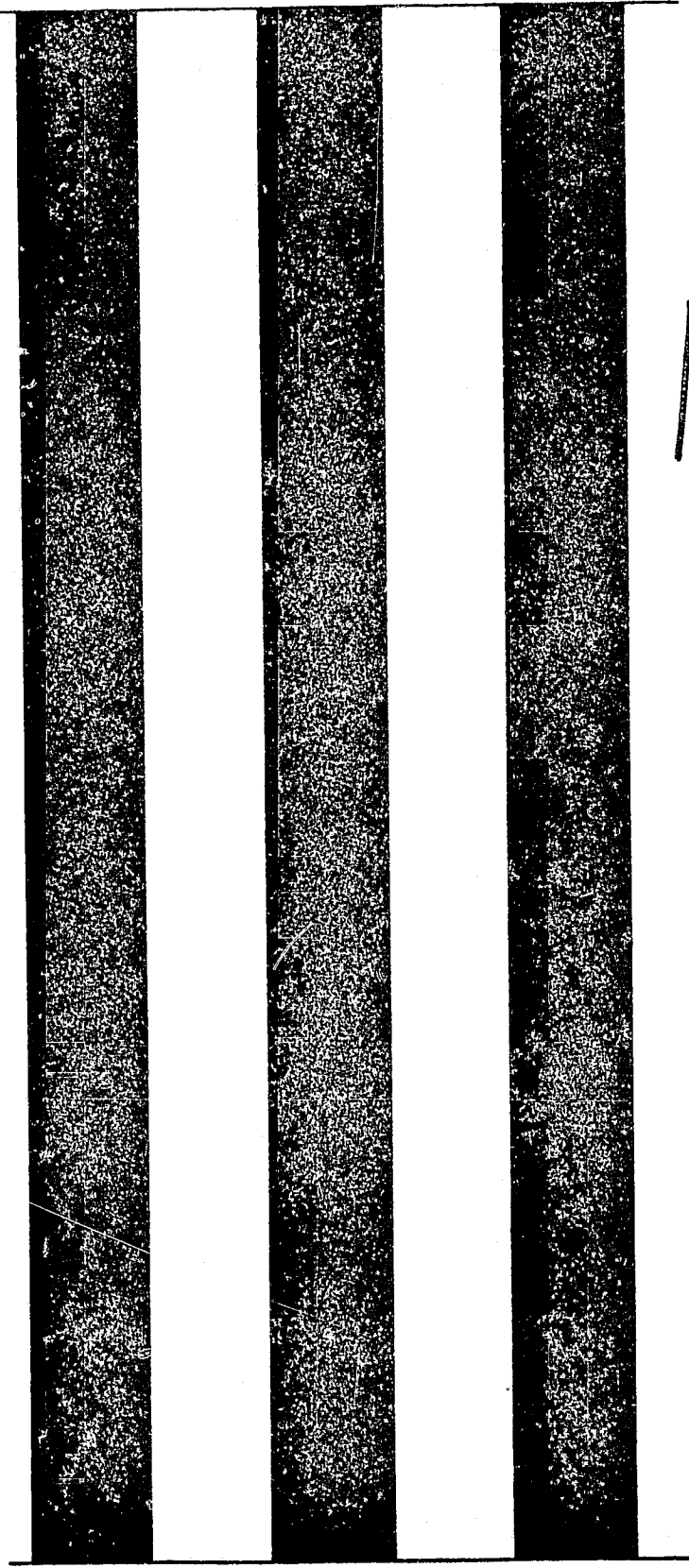
| | | |
|------|-------------|------------|
| Hogs | 14,175 head | 233,880.00 |
|------|-------------|------------|

| | | |
|---------|--|----------|
| Rabbits | | 5,750.00 |
|---------|--|----------|

| | | |
|----------------|--|-----------|
| Bees and Honey | | 10,950.00 |
|----------------|--|-----------|

| | | |
|-------|--|----------------------------|
| Total | | \$21,569,788.00 |
|-------|--|----------------------------|

| | | |
|--|--|-----------------|
| | | \$21,980,188.00 |
|--|--|-----------------|



1938

SONOMA COUNTY
1938 Crop Report

GRANNIN FOUNDATION
INTERCULTURAL ECONOMICS

Apples

| | | |
|--|------------------------------------|--------------|
| Gravs. 723 cars or 546,588 boxes | @ 44¢ | 240,500 |
| Dry 1,740 tons Late 1,500 tons Total 3,240 | @ 61 ¹ / ₂ ¢ | 421,200 |
| Late 155,500 boxes | @ 50¢ | 77,750 |
| Cores and Peelings 11,500 tons | @ \$1 | 11,500 |
| Small Apples 1,200 tons | @ \$5 | <u>6,000</u> |

756,950

Cherries

| | | |
|-------------------------------|-----------------------------------|---------------|
| Royal Anne 882 tons Barrelled | @ 4¢ | 70,560 |
| 532 tons Canned | @ 3 ¹ / ₂ ¢ | 37,240 |
| Blacks 322 tons | @ 3¢ | <u>19,120</u> |

126,920

Peaches

| | | |
|----------------|--------|--------------|
| Clings 90 tons | @ \$20 | 1,800 |
| 60 tons | @ \$25 | <u>1,500</u> |

3,300

Plums

| | | |
|-------------------------|--------|--------------|
| Canned & Dried 542 tons | @ \$25 | 14,650 |
| Shipped 75 tons | @ \$35 | <u>2,725</u> |

17,375

Pears

| | |
|------------------|--|
| Canned 3,813 | |
| Dry <u>4,125</u> | |
| 7,938 | |

| | |
|----------|--------|
| @ \$8.50 | 67,473 |
|----------|--------|

Prunes

29,715 tons Standard Prunes
(Does not include off grade)

| | |
|--------|-----------|
| @ \$50 | 1,485,750 |
|--------|-----------|

Grapes

38,000 tons (Estimate)

| | |
|-------------------|---------|
| @ \$12 (Estimate) | 456,000 |
|-------------------|---------|

Hops

13,080 Bales

| | |
|---------------|---------|
| @ 21¢ per lb. | 523,200 |
|---------------|---------|

Seed

755 tons

@ 15¢ per lb.

226,500

Berries

230 tons

@ \$85

19,550

22,500

Corn

26,000

Potatoes

25,500

VegetablesTomatoes

Shipped in lugs 750 tons

@ \$55

41,250

750,000

Hay and Grain

85,500

Nursery Stock, Flowers and BulbsWalnuts

416 tons (Returns from all sources, culls, blows, surplus percentages, and diversion payments.)

107,900

Poultry

37,997,350 dozen eggs

@ 21¢

7,979,443.50

1,000,000 dozen to Hatchery

@ 55¢

350,000

5,312,500 lbs. dressed poultry

@ 16¢

850,000

106,500 turkeys

@ 18¢

306,720

600,000 turkey eggs to Hatchery

@ 14¢

84,000

Ducks and geese

(Estimated)

15,500

9,585,683.50

Dairy Cows and Cattle

(Estimated)

3,250,000

Sheep

(Estimated)

325,000

Hogs

14,950

(Estimated)

202,500

Bees & Honey

(Estimated)

10,000

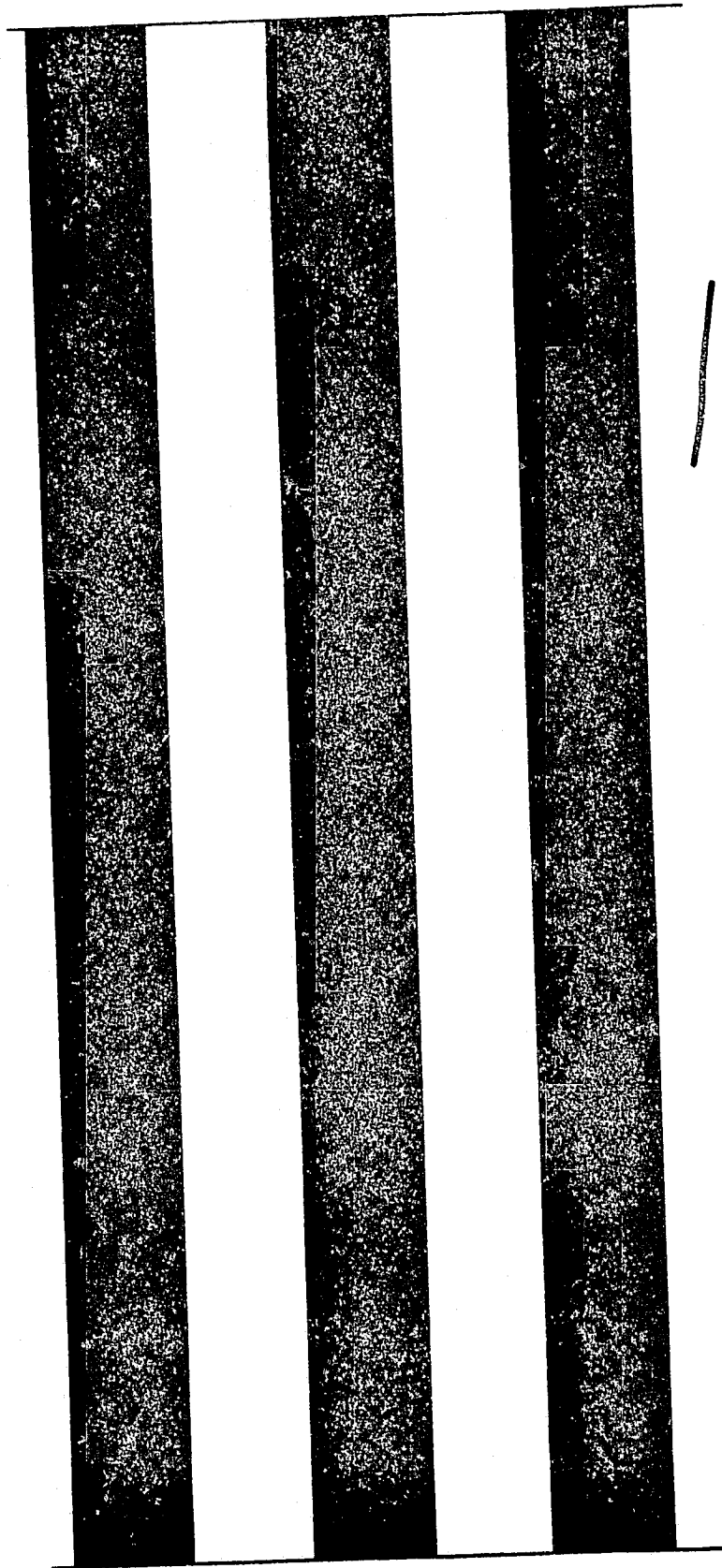
Rabbits

(Estimated)

4,500

\$18,129,331.50

The average farm price or base price is the net returns received by the grower for fruit or other commodity delivered at the packing house, cannery or home market. This is not the selling price of the commodity but is the net price to the grower after costs of packing, processing, loading, selling, etc. have been deducted. With such products as wool and hops it is the delivered price at warehouse or car.



1939

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ANNUAL REPORT
of the
AGRICULTURAL COMMISSIONER
of
SONOMA COUNTY
YEAR 1939

O. E. BREMNER
AGRICULTURAL COMMISSIONER

O. E. BREMNER
AGRICULTURAL COMMISSIONER
AND
STATE QUARANTINE GUARDIAN

County of Sonoma
Agricultural Commissioner
COURT HOUSE
SANTA ROSA, CALIFORNIA

TO THE HONORABLE BOARD OF SUPERVISORS OF SONOMA COUNTY.

Gentlemen:

The following report is a compilation of the work done by the County Agricultural Commissioner's office for the year 1939 as given in the monthly reports on file in the office of the County Clerk. To this is added the Acreage, Crop and Valuation Report of all agricultural products as required by the State Director of Agriculture.

The average farm price or base price is the net returns received by the grower for fruit or other commodity delivered at the packing house, cannery or home market. This is not the selling price of the commodity but is the net price to the grower after costs of packing, processing, loading, selling, etc. have been deducted. With such products as wool and hops it is the delivered price at warehouse or car.

We wish to express our appreciation to the various industries and agencies who have cooperated with us in obtaining the information for the Crop and Valuation Report.

Respectfully submitted,

O E Bremner

O. E. Bremner
Agricultural Commissioner
of
Sonoma County

QUARANTINE:

The purpose of plant quarantine is to prevent the introduction and spread within the State of pests injurious to agriculture. This included not only the inspection of plants, seed, plant products and nursery stock at freight, express and post-office terminals, including truck shipments, but also baggage, appliances and livestock from certain weed infested districts within the State and other states.

We have had close cooperation with postmasters, freight agents, express agents and all public carriers in making this work effective. This is reflected in the fact that during the past year less condemnations have been made as shippers realize there is no chance of getting by with infested material.

The number of shipments arriving from other states by parcel post, freight and express, requiring inspection and which were passed, totaled 2,164 or 114,427 plants. Shipments rejected totaled 15 or 569 plants. Four shipments were intercepted in violation of Quarantine Order No. 13 for Ozonium Root Rot; one in violation of Quarantine Order No. 12 for nut tree insects; one in violation of Quarantine Proclamation No. 10 for Citrus White Flies; and one in violation of Quarantine Proclamation No. 3 for Oriental Fruit Moth. Pests of prime importance intercepted were Citrus White Fly, *Dialeurodes citri*, a species of pulvinaria scale unknown in California and Les Moines disease.

Inspection of intrastate shipments were as follows: shipments inspected 2,673, shipments condemned 17, plants inspected 154,518, plants condemned 1,788. Lots of seed inspected 13,384. Packages of seed rejected on account of weed seed 4,570. Shipments of plants were rejected principally for the presence of nematode, crown gall and root knot, scale insects, mealy-bug and fungus diseases.

FRESH FRUIT, NUT, VEGETABLE, EGG AND HONEY STANDARDIZATION:

Our policy in the enforcement of the provisions of this Code has not been to see how many prosecutions and convictions can be obtained but to work with and aid in the production of products that will meet all the requirements of standards as set up in the law. However where any one has been found to show any inclination to become a consistent violator they have been dealt with in no uncertain terms.

Inspections made at point of origin or at time of packing, etc. resulted in the condemnation of 2,705 packages for excessive defects, 125 for immaturity, 25 for lack of correct markings or mismarked and 384 for excessive defects. A total of 283 packages were rejected in the retail markets as mismarked, 73 packages were ordered dumped and destroyed, and 3,449 packages were ordered reconditioned, remarked, or sold as by-products. Eight lots of honey comprising 488 packages of honey were rejected as below standardization requirements.

Inspection service was maintained at all packing houses during the packing season. Clearance certificates were issued on 720 trucks covering 241,861 boxes of apples and pears. Certificates were issued on all export shipments of fresh fruit and hops. Shipments of 10,679 boxes of pears were fumigated under our supervision and certificates issued. All lots of fruit and vegetables going to S.R.A. Camps were required under contract to meet a specified grade and we were called upon to issue certificates of grade on all this produce.

EGG INSPECTION:

Our work on egg standardization inspection as provided by the Agricultural Code has been done under extreme difficulties due to the fact that the industry has never taken the interest necessary to provide funds for proper

enforcement. As a result we have had to curtail other of our activities both in funds and men in order to a certain extent meet the mandatory provisions of this law. We have however in this way been able to take care of all complaints pertaining to violations.

During the year we made 170 retail store inspections, inspecting 5,791 dozens of eggs. A total of 822 dozen eggs were rejected for the following violations: 3 dozens unfit for human food; 238 dozens below quality grade as marked; 19 dozens not conforming to weight; 622 dozens on account of lack of required markings, such as quality and weight, dirty or checks, etc.

SEED INSPECTION AND ANALYSIS:

A new provision of the Agricultural Code, which became effective September 19th, now requires that all shipments of seed into the County must be held for inspection. In addition to this we have been required to pass on all lots of seed to be used by the Soil Conservation Service and the Agricultural Conservation Service.

There is an exceptionally large volume of seed handled in this County due to the fact that we have several large, wholesale houses, located principally in Petaluma. This has necessitated the establishment of a laboratory in our office for making analysis to determine the presence of weed seed in any lot of seed. Samples taken representing 13,384 packages of seed were analyzed. A total of 4,570 packages of seed were rejected on account of containing weed seed which would be a menace to agriculture.

ORCHARD, NURSERY AND FIELD INSPECTION:

The past year showed an increase in requests for specific and general inspection of orchards and fields and information on various agricultural problems. Orchards were carefully inspected and spray programs worked out to meet each individual condition. A total of 5,629 acres were inspected.

At the request of home owners fifty-six home gardens were inspected for various insect pests and plant disease problems. Telephone calls totaled 2,429 and office calls 5,255.

Considerable time was spent in the apple producing sections discussing spray problems, particularly Codling Moth control, which resulted in the production of a cleaner and better quality apple crop. With the organization of an Apple Maturity Committee composed of nineteen representative apple growers, orchards in all sections of the County were visited prior to harvest. As a result the Gravenstein pack arrived on the markets in an excellent stage of maturity.

Pear blight on both apple and pear trees was rather severe. Growers were contacted and given instructions on cutting out infections and provided with blight disinfectant free of charge. A total of sixty-four gallons of disinfectant was put up in quantities ranging from a quart to a gallon.

The outbreak of Tent Caterpillars demanded much of our time, particularly in the prune orchards.

Grasshoppers appearing in destructive numbers in some locations necessitated making a survey of the County to formulate control measures. We were somewhat handicapped due to the fact that we were obliged to condemn a carload of bran consigned by the government, as it was found on arrival to be heavily infested with Australian Wheat Weevil (*Rhyzopertha dominica*) a serious pest foreign to this state.

Thirty-eight inspections of nurseries were made, and they were found generally clean. However, a few light infestations of Bakers mealybug, Citrophilis mealybug, Black scale, Greedy scale, Cottony cushion scale, Soft brown scale and Parlatoria scale were found.

Inspection was maintained during the digging and grading of nursery stock prior to distribution or shipment. All lots of nursery stock requiring

treatment was done under direct supervision of our inspectors. This consisted principally of dipping and sealing of grape vines consigned to counties requiring dipping in hot water. Several lots of apple and pear trees were required to be treated for the presence of woolly aphids.

ROLENT AND PEST ANIMAL CONTROL:

Intensive work was carried on in ground squirrel infested districts and the population was reduced to a minimum in the County with the cooperation of property owners. Inspectors poisoned 3,250 acres and County road infestations. With a special strychnine-coated wheat developed by this office we are able to get a high percentage of kill with a very small amount of grain to the burrough, and game birds are not poisoned by this material. A total of 1,073 pounds was used. This was put up in one-, three-, and five-pound packages and sold at cost. We had a few calls for jack rabbit control, principally in young vineyards, and a rolled barley poison was prepared.

Bird damage, principally from linnets and crows, was taken care of by the use of specially prepared poison whole corn for the crows and cracked grain and small seed for the linnets.

Due to the lack of heavy rains gophers were quite troublesome. Strychnine alkaloid with ten per cent saccharin was prepared to be used on baits. A total of 152 one-half ounce cans and 67 one-ounce cans were used for gophers.

Rat infestations, mainly in the fall, took 99 one-pound packages of barium carbonate in the preparation of poison bait.

Slugs and snails during the spring months required 150 three-pound packages of prepared bait. All the poisons were prepared and sold at cost by this office.

A total of 5,650 lbs. of poison bran was mixed and distributed under our supervision for the control of grasshoppers. We had this bait prepared

by a commercial mechanical mixer as we found this method greatly increased the killing efficiency. A slight charge was made for mixing, but all materials we furnished free.

In cooperation with the Soil Conservation Service and Farm Advisor several field demonstrations on the control of gophers and other rodents were held.

APIARY:

Apiary inspection is maintained to prevent the introduction and spread within the County of diseases injurious to bees. Colonies found infected with American Foulbrood, a very infectious disease of bees, are cyanided and the contents of the hive burned. Colonies infected with European Foulbrood and sackbrood are requeened. This work is extremely important due to the fact that Sonoma County has developed within the last few years a valuable export business in package bees and queens which brings in a greater revenue than from honey produced. The presence of American Foulbrood in these apiaries would ruin this industry as all shipments must be certified to by our apiary inspector. We are also called upon in addition to the regular inspection work to destroy and remove swarms of bees that have gone into schools, churches and other buildings where they are not only disagreeable to the occupants but a menace to the bee industry.

During the year 2,527 colonies of bees in seventy-two apiaries were inspected. One hundred colonies were found infected with American Foulbrood and thirty-nine with European Foulbrood. All of the American Foulbrood colonies were burned. The percentage of American Foulbrood infected colonies this year was .039%, a slight decrease over that of last year which was .046%.

WEED CONTROL:

Weed control work, particularly Klamath Weed and Wild Rose, progressed with gratifying results. Methods of control and formulas for weed

killing materials which had to be worked out has made us one of the leading counties in the State on weed eradication.

Operating as a part of the state-wide noxious weed control project W.P.A. labor was used under our direct supervision. One inspector is required to spend the major portion of his time supervising this work.

An area of 1,830 acres of Klamath¹ d was treated with a combination of Borax and sodium chlorate. Some Atlacide was also used. Dusting with these materials was done before the spring rains were over and later wet sprays were resorted to. A total of fourteen tons of sodium chlorate and forty-two tons of Borax were used. All materials had to be hauled into the infested areas and stored in storehouses built for this purpose. In addition to the application of materials, extensive preliminary work was necessary such as surveying 8,000 acres, rebuilding two miles of old sled trails, eight miles of new trails, one new storehouse and two bridges. An area of 300 acres was burned over to kill year-old seedlings, and seed heads were cut from five acres to prevent reseeding.

An area of 1,255 acres of Wild Rose was pulled and grubbed. Seven hundred acres of this brush was piled and burned. Under this set up the property owner has to furnish the tractor and driver. A survey of 650 acres was made for this work, releases signed, etc.

A new infestation of approximately two acres of Ragweed was treated with Borax and sodium chlorate.

Puncture Vine infested areas would only amount to ten and a half acres net and one-half mile of roadside. This however is comprised of thirty-five small infestations scattered over the County. All infestations have been sprayed with oil, but we make at least two inspections each year of all infestations to make certain that we have killed the last seed.

STATE FAIR EXHIBIT:

The Sonoma County exhibit, designed and maintained by the Agricultural Commissioner, at the State Fair at Sacramento was pronounced by all who saw it the most spectacular exhibit presented in years.

In addition to winning first place as the most outstanding County exhibit, we were awarded a special trophy, the Grand Gold Cup, now on display in our office.

Eleven first places, sixteen second places and eight third places were won on entries. We won second for wine exhibits, third sweepstakes on dry wines, third sweepstakes on dried fruits, second sweepstakes on apples, second sweepstakes on seeds, four gold medals, four silver medals, two bronze medals and prize money amounting to \$733.00, which was turned in to the Fair Fund.

COUNTY FAIRS:

We were called upon to assist in making entries, arranging exhibits and judging of the Agricultural exhibits at the Sonoma County Fair.

At the request of the Fair directors we assisted in the judging of the agricultural exhibits at the Boonville Fair, Napa County Fair, and the Calistoga Fair.

EDUCATIONAL EXHIBIT:

Our bird and animal educational exhibit again proved to be of consistent value to the community. Instructors from schools throughout the County availed themselves of the opportunity to use the exhibit room in conducting classes in the study of bird and animal wildlife. Organizations such as the Boy Scouts and Camp Fire Girls made good use of the exhibit during the year; many Boy Scouts winning merit badges through assistance given them by our department. On several occasions we were called upon to give short talks to study groups. Several new specimens of birds were added to the exhibit

during the year, now making a total of two hundred and fifty-eight birds and thirty-nine animals.

MISCELLANEOUS:

Our activities during the past year were various and we were called upon for assistance in matters that did not come entirely under the jurisdiction of our department.

We have endeavored to cooperate to the best of our ability with all agencies for the betterment of our people.

During the absence of the County Sealer of Weights and Measures on his annual two-weeks vacation one of our inspectors took care of all calls requiring immediate attention, such as the checking of gasoline pumps and scales. Through a phone extension in our office we also take care of phone calls when he is absent from the office.

Our office was headquarters for the Division of Market Enforcement. We issued applications for licenses as dealers and processors, received complaints regarding violators, investigated and obtained evidence, served subpoenas, and made arrangements for the holding of hearings, many of which were held in our office.

The Division of Chemistry worked in close cooperation with our department and all possible aid was given in such matters as spray residue removal, and checking on spray materials and fertilizers.

Considerable time was donated to signing up owners of abandoned and unproductive orchards for removal as a W.P.A. Project. Although this project did not materialize it did however show need for this work. Heavy equipment was brought into service and as a result approximately five hundred acres of orchard, principally apples and prunes, were removed.

SONOMA COUNTY CROP REPORT

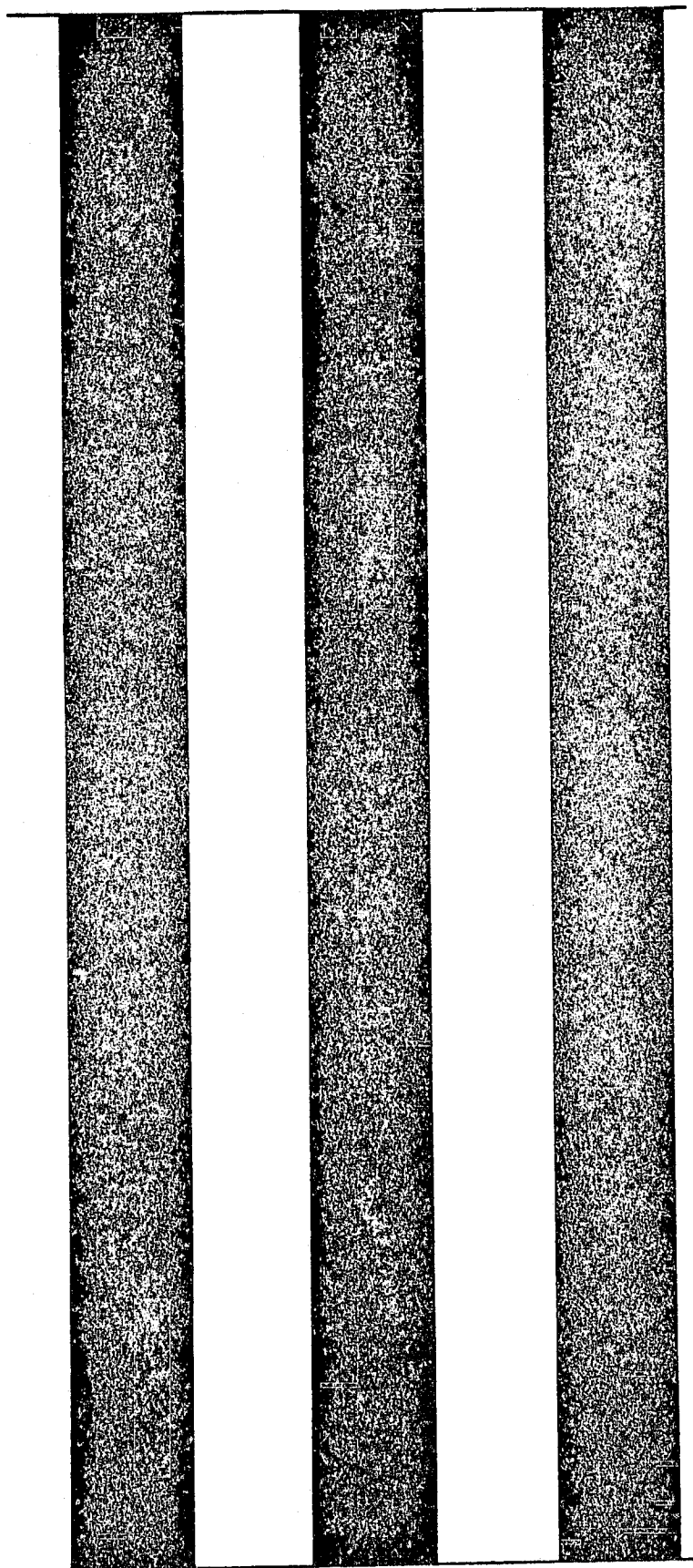
1939

| CROP | BEARING ACREAGE | PRODUCTION | VALUATION |
|----------------------|--------------------|--|------------------------|
| Apples: | | | |
| Gravenstein | 10,250 | 860,695 boxes (1,138 cars) @ 30¢ per box | \$258,208.50 |
| Late Apples | 4,525 | 150,000 boxes @ 50¢ per box | 75,000.00 |
| Dried Apples: | | | |
| Gravenstein | | 4,750 tons @ 5 3/4¢ per lb. | 547,400.00 |
| Late Apples | | 3,100 tons @ 5 1/2¢ per lb. | 341,000.00 |
| Vinegar Apples | | 12,500 tons @ \$2 | 25,000.00 |
| Peelings and Cores | | 19,500 tons @ \$1 | 19,500.00 |
| Apricots | 25 | 45 tons @ \$35 | 1,575.00 |
| Cherries: | | | |
| Royal Anne | 1,505 | 3,050 tons (1/2 barrelled & 1/2 canned) @ 3 1/2¢ per lb. | 213,500.00 |
| Black Cherries | 240 | 350 tons @ 2 1/2¢ per lb. | 17,500.00 |
| Peaches: | | | |
| Clings | 75 | 166 tons @ \$40 | 6,640.00 |
| Freestone | 250 | 730 tons @ \$50 | 36,500.00 |
| Plums | 286 | 588 tons @ \$12.50 | 7,350.00 |
| Pears: | | | |
| Bartletts | 3,350 | 10,220 tons @ \$25 100 tons shipped @ \$28.50 | 255,500.00 2,850.00 |
| Berries: | | | |
| Blackberries | 150 | 160 tons @ \$65 | 10,400.00 |
| Raspberries | 10 | 12 tons @ \$100 | 1,200.00 |
| Logans (Inc. Boysen) | 15 | 29 tons @ \$100 | 2,900.00 |
| Strawberries | 10 | 12 tons @ \$85 | 1,020.00 |
| Quince | 5 | 15 tons @ \$22.50 | 337.50 |
| Prunes | 22,911 | 28,750 tons @ \$80 | 2,300,000.00 |
| Hops | 2,348 | 14,750 bales (2,933,271 lbs. actual salable crop) @ 22¢ per lb. | 645,319.62 |
| Seed | 3,000 | 790 tons @ 16¢ per lb. | 252,800.00 |
| Corn (Field & Sweet) | 675 | \$42.50 per acre | 28,678.50 |
| Grapes | 20,950 | 31,400 tons @ \$16 | 502,400.00 |

| CROP | PEARING ACREAGE | | VALUATION |
|--|--------------------|--|---|
| Oranges and Lemons | 27 | | 8,100.00 |
| Potatoes | 450 | 22,500 sacks @ \$1.25 | 28,125.00 |
| Vegetables | | Rhubarb, banana squash, lettuce, cabbage, cauliflower, etc. | 35,000.00 |
| Tomatoes | 200 | 8,000 boxes shipped @ 50¢ Canned and local consumption | 4,000.00 12,000.00 |
| Hay and Grain | 65,500 | | 982,500.00 |
| Nursery Stock, Flowers and Bulbs: | | | 72,500.00 |
| Fruit and nut trees, berries, and grapes | | | 22,500.00 |
| Ornamentals, bulbs and flowers | | | |
| Walnuts | 975 | 425 tons @ \$200 | 85,000.00 |
| Bees and Honey | 3,100 colonies | Package Bees 1,469 (3 lbs.) @ \$3 Honey - 30 tons @ \$100 Queens - 750 @ 50¢ each Wax - 1,000 lbs. @ 21¢ | 4,407.00 3,000.00 375.00 210.00 |
| Poultry | | 904,000 cases of eggs 32,544,000 dozen @ 19¢ per doz. 1,200,000 dozen to hatchery @ 36¢ 6,409,500 lbs. dressed poultry @ 22¢ 5,451,000 lbs. live poultry @ 16½¢ 122,475 turkeys @ 16¢ per lb. 720,000 turkey eggs to hatchery @ 14¢ Ducks and Geese | 6,183,360.00 432,000.00 1,410,090.00 899,415.00 336,806.00 100,800.00 13,500.00 |
| Sheep | 107,600 head | Sheep, wool and lambs | 467,750.00 |
| Beef Cattle | 9,250 head | | 165,000.00 |
| Dairy Cattle | 35,500 head | | 3,725,000.00 |
| Hogs | 10,500 head | | 147,000.00 |
| Rabbits, foxes and other animals | | | 8,500.00 |

TOTAL VALUATION

\$20,699,517.12



1940

Calif. Agric. - Stat

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O. E. BRENNER
AGRICULTURAL COMMISSIONER

County of Sonoma
Department of Agriculture

COURT HOUSE
SANTA ROSA, CALIFORNIA

EX-104 4

January 1, 1941

TO THE HONORABLE BOARD OF SUPERVISORS OF SONOMA COUNTY AND
W. B. PARKER, DIRECTOR, STATE DEPARTMENT OF AGRICULTURE

Gentlemen:

In accordance with Section 65.5 of the Agricultural Code of the State of California, I hereby submit a report for the calendar year 1940 covering the acreage, production, and value of agricultural products of Sonoma County.

The average farm price or base price on which the valuation is computed in this report is the net returns received by the grower for fruit or other commodity delivered at the packing house, cannery or home market. This is not the selling price of the commodity but is the net price to the grower after costs of packing, processing, loading, selling, etc. have been deducted. With such products as hops it is the delivered price at warehouse or car.

We wish to express our appreciation to the various industries and agencies who have cooperated with us in obtaining the information for the Crop and Valuation Report.

Respectfully submitted,

O. E. Bremner

O. E. Bremner
Agricultural Commissioner
of
Sonoma County

OEB/BS

SONOMA COUNTY CROP REPORT

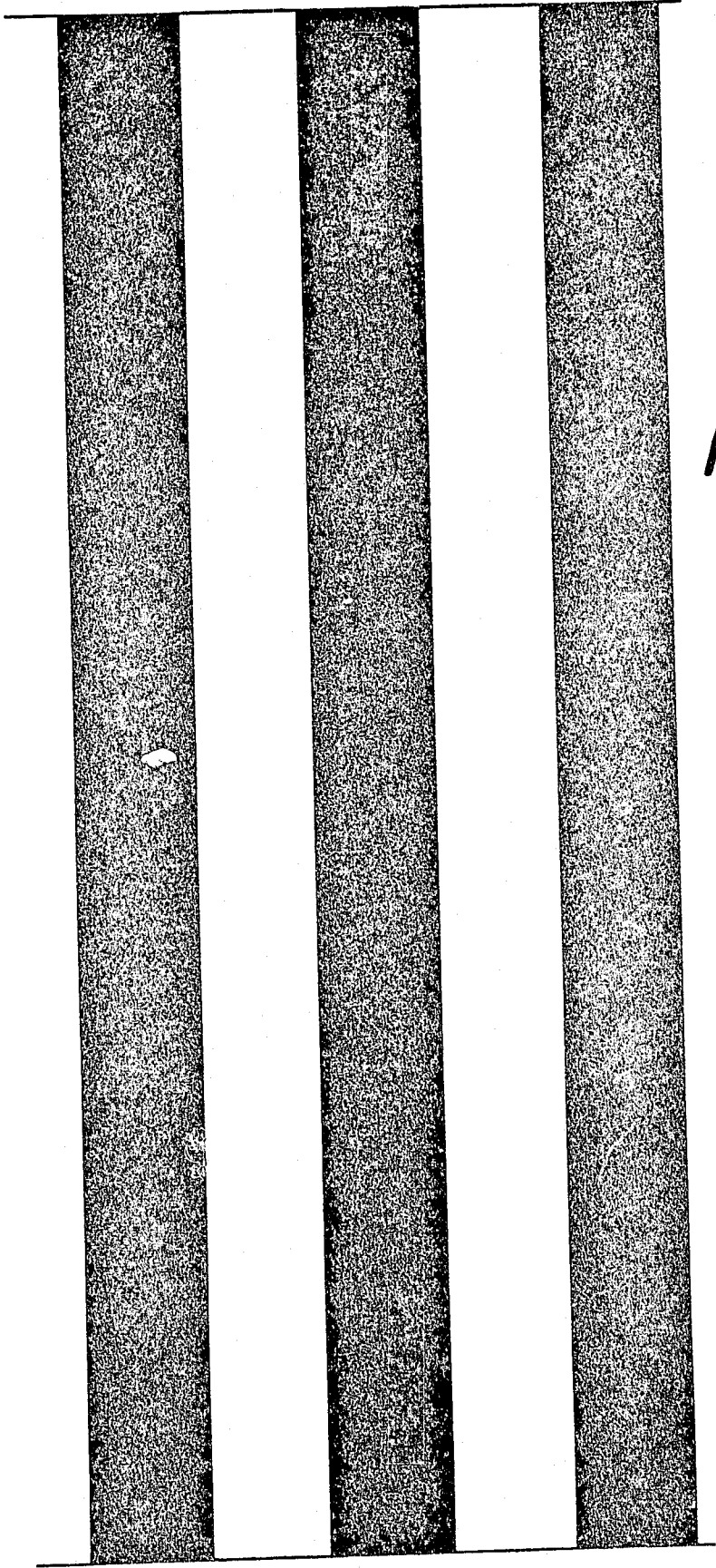
- 1940 -

| CROP | ACREAGE | PRODUCTION | VALUATION |
|-------------------------|---------|---|---------------------------------------|
| Apples: | | | |
| Gravenstein | 9,750 | 541,572 boxes @ 60¢ per box | \$324,943.20 |
| Late Apples | 4,125 | 85,500 boxes @ 70¢ per box | 59,850.00 |
| Dried Apples: | | | |
| Gravensteins | | 1,200 tons @ 3 3/4¢ per lb. | 90,000.00 |
| Late Apples | | 700 tons @ 3 3/4¢ per lb. | 52,500.00 |
| Apple Sauce | | 900 tons @ \$10 per ton | 9,000.00 |
| Vinegar Apples | | 6,000 tons @ \$3 per ton | 18,000.00 |
| Peelings and Cores | | 8,350 tons @ \$1 per ton | 8,350.00 |
| Brandy | | 3,000 tons @ \$4 per ton | 12,000.00 |
| Apricots | 25 | 23 tons @ \$50 per ton | 1,150.00 |
| Cherries: | | | |
| Royal Anne | 1,253 | 265 tons @ 6¢ per lb. | 31,800.00 |
| Blacks | 235 | 236 tons @ 5¢ per lb. | 23,600.00 |
| Peaches: | | | |
| Clings | 58 | 82 tons @ \$25 per ton | 2,050.00 |
| Freestone | 250 | 550 tons @ \$50 per ton | 27,500.00 |
| Plums | 286 | Canning - 334 tons @ \$25 per ton Shipping - 25 tons @ \$30 per ton | 8,350.00 750.00 |
| Pears | 3,260 | (5,411 tons canned @ \$27 7,506 tons (1,840 tons dried @ \$4 (255 tons shipped @ \$25 | 146,097.00 7,360.00 6,375.00 |
| Prunes | 21,750 | 13,500 tons Standard French @ \$60 2,450 tons Imperials @ \$125 1,495 tons Off Grade @ \$7 <u>17,445</u> | 810,000.00 306,250.00 10,465.00 |
| Berries: | | | |
| Blackberries | 190 | 210 tons @ \$100 per ton | 21,000.00 |
| Raspberries | 10 | 10 tons @ \$100 per ton | 1,000.00 |
| Strawberries | 15 | 16 tons @ \$90 per ton | 1,440.00 |
| Quince | 5 | 20 tons @ \$40 per ton | 800.00 |
| Hops | 2,350 | Total 17,496 bales 15,025 bales salable @ 27¢ per lb. | 811,350.00 |
| Seed (Garden and Field) | 2,000 | 685 tons @ 17¢ per lb. | 232,900.00 |
| Vetch | 1,250 | 8,750 sacks @ 5¢ per lb. | 43,750.00 |
| Corn (Field and Sweet) | 685 | \$43 per acre | 29,455.00 |
| Grapes | 21,125 | 45,650 tons @ \$20 per ton | 913,000.00 |

| CROP | ACREAGE | PRODUCTION | VALUATION |
|--|--------------------------------------|--|---|
| Potatoes | 410 | 21,550 sacks @ \$1 per sack | 21,550.00 |
| Artichokes | 45 | 896 crates @ \$1 per crate | 896.00 |
| Vegetables | | Rhubarb, Banana Squash, Lettuce, Cabbage, Etc. | 37,500.00 |
| Tomatoes | 135 | 375 tons canned @ \$12 per ton 7,500 boxes shipped @ 50¢ per box 150 tons local @ \$40 per ton | 4,500.00 3,750.00 6,000.00 |
| Hay and Grain | 64,250 | | 784,500.00 |
| Nursery Stock | | Fruit, Nut, Berries, and Grapevines | 65,450.00 |
| Ornamentals | | Bulbs and Flowers | 12,500.00 |
| Walnuts | 975 | 415 tons @ 12¢ per lb. | 99,600.00 |
| Bees and Honey | (4,879) (Colonies) | 15,117 lbs. honey @ 4 $\frac{1}{2}$ ¢ per lb. 600 lbs. Comb honey @ 10¢ per lb. 1,200 lbs. Wax 900 Queens @ 50¢ each 1,800 package bees @ \$2 | 6,802.65 60.00 252.00 450.00 3,600.00 |
| Poultry | (4,525,000) (Laying-age hens) | 1,500,000 cases eggs 45,000,000 dozen eggs @ 18 $\frac{1}{2}$ ¢ 2,500,000 dozen eggs to hatchery @ 30¢ 5,750,000 lbs. live poultry @ 16¢ 5,650,000 lbs. dressed poultry @ 21¢ 525,660 turkey eggs to hatchery @ 14¢ 125,000 turkeys @ 20¢ per lb. Ducks and Geese | 8,325,000.00 750,000.00 920,000.00 1,186,500.00 73,592.40 425,000.00 6,350.00 |
| Sheep | 117,500 head | | 535,250.00 |
| Cattle: | | | |
| Dairy | 37,500 head | | 3,911,150.00 |
| Beef | 9,330 head | | 156,250.00 |
| Hogs | 5,250 head | | 72,000.00 |
| Rabbits, Foxes and Other Animals | | | 8,450.00 |
| U. S. Agricultural Conservation, Range and Parity Payments | | | 80,000.00 |
| TOTAL VALUATION | | | \$21,508,038.25 |

Compiled by

O. E. Bremner
Agricultural Commissioner

Three vertical black bars of equal width and height, positioned side-by-side. They are solid black with no internal texture or detail.

1941

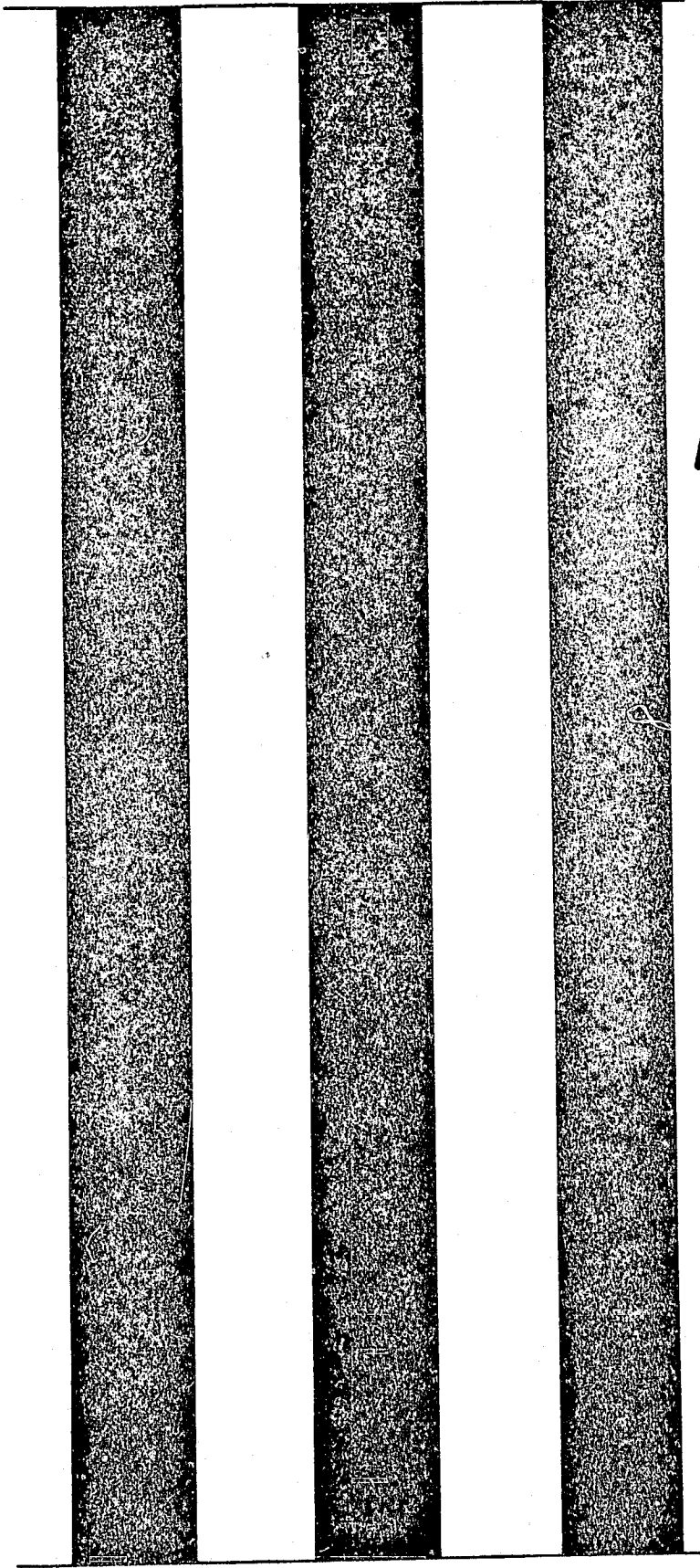
V. F.
Calif.
Sonoma Co.

SONOMA COUNTY CROP REPORT

-1941-

| CROP | ACREAGE | PRODUCTION | VALUATION |
|-----------------------------|------------------|--|-----------|
| Apples: | | | |
| Gravenstein | 9,300 (722 cars) | 546,000 boxes @ 60¢ per box | \$327,600 |
| Late Apples | 4,400 (145 cars) | 110,000 boxes @ 90¢ per box | 99,000 |
| Dried | | 4,300 tons @ \$200 per ton | 860,000 |
| Sauce apples | | 3,350 tons @ \$20 per ton | 67,000 |
| Vinegar apples | | 5,596 tons @ \$2.00 per ton | 11,192 |
| Peelings and cores | | 9,500 tons @ \$1.50 per ton | 14,250 |
| Jelly | | 60 tons @ \$5.00 per ton | 300 |
| Apricots | 50 | 33 tons @ \$60 per ton | 1,980 |
| Cherries: | | | |
| Royal Anne | 1,200 | 922 tons @ \$140 per ton | 129,080 |
| Blacks | 300 | 150 tons @ \$90 per ton | 13,500 |
| Peaches: | | | |
| Clings | 58 | 78 tons @ \$50 per ton | 3,900 |
| Freestone | 250 | 445 tons @ \$50 per ton | 22,250 |
| Pears: | | | |
| Bartlett | 3,218 | 7,051 tons (5,101 tons canned @ \$37.50) | 19,630 |
| | | (1,840 tons dried @ \$10.00) | 7,600 |
| | | (110 tons shipped @ \$35.00) | 3,850 |
| Plums | 300 | 634 tons (canning, 604 tons @ \$32.50) | 19,630 |
| | | (shipping, 30 tons @ \$40.00) | 1,200 |
| Prunes | 22,500 | 18,075 tons French, @ \$100 | 1,807,500 |
| | | 1,350 tons Imperials @ \$175 | 236,350 |
| | | 3,150 tons Off Grade @ \$10 | 31,500 |
| | | 575 | 275,350 |
| Berries: | | | |
| Blackberries | 190 | 400 tons @ \$100 | 40,000 |
| Raspberries | 10 | 8 tons @ \$110 | 880 |
| Strawberries | 15 | 15 tons @ \$90 | 1,350 |
| Quince | 5 | 70 tons @ \$40.00 | 280 |
| Hops | 2,360 | 14,337 bales @ 33¢ per lb. | 898,930 |
| Seed (Garden and vegetable) | 3,000 | 665 tons @ 21¢ per lb. | 279,300 |
| Vetch | | 4,775 sacks @ 7¢ per lb. | 33,325 |
| Corn (Field & sweet) | 725 | @ \$35.00 per acre | 25,375 |
| Grapes | 21,370 | 35,500 tons @ \$27.50 per ton | 976,250 |

| CROP | ACREAGE | PRODUCTION | VALUATION |
|---|---------------------|--|--|
| Walnuts | 1,000 | 265 tons @ 14¢ per lb. | 74,200 |
| Olives | 50 | 12½ tons @ \$140 per ton | 1,750 |
| Artichokes | 76 | 15,200 boxes @ \$1.50 per box | 22,800 |
| Vegetables: | | | |
| Rhubarb | 25 | 12,450 boxes @ 50¢ per box | 6,225 |
| Potatos, lettuce, squash, cabbage, etc. | | | 38,250 |
| Hay & Grain | 48,450 | | 726,750 |
| Bees and Honey | | 7,500 lbs. honey @ 5¢ \$ 375 2,000 lbs. wax @ 40¢ 800 1,400 package bees @ \$1.50 2,100 1,900 queens @ 50¢ 950 Total apiary products | 4,225 |
| Poultry | 4,275,000 (hens) | 36,240,000 doz. eggs @ 26¢ Hatchery eggs, 2,750,000 doz. @ 34¢ Live poultry, 5,555,000 lbs. @ 18½¢ Dressed poultry, 6,875,000 lbs. @ 22¢ Turkey eggs hatched 575,000 @ 15¢ Turkeys to market 115,250 @ \$4.85 Ducks and Geese | 9,822,400 935,000 1,027,675 1,512,500 86,250 558,962 5,250 |
| Sheep | 115,550 head | Lambs, wool, and sheep | 623,540 |
| Cattle: | | | |
| Dairy | 36,350 | | 4,292,265 |
| Beef | 8,750 | | 242,510 |
| Hogs | 6,750 | @ \$16.20 a head | 109,350 |
| Rabbits, foxes, & other animals | | | 6,750 |
| Horses and mules sold | 300 head | | 22,500 |
| U.S. Agricultural Conservation, Range and Parity Payments | | | 81,250 |
| | | | <u>26,133,404</u> |
| Mineral production for 1941: | | | |
| Quicksilver | | 1,716 flasks @ \$185 | \$317,460 |
| Stucco Rocks | | 85 cars @ \$150 | 12,750 |
| Gravel and Sand | | 14,680 cars @ \$50 | 734,000 |
| | | | <u>\$1,064,210</u> |

Three vertical black bars of equal width and height, positioned side-by-side. They have a grainy, textured appearance.

1942

SONOMA COUNTY

ANNUAL ACREAGE, CROP, AND VALUATION REPORT FOR THE CALENDAR YEAR 1942

In compliance with Section 65.5 of the Agricultural Code of the State of California, I herewith submit the annual report to the Board of Supervisors of Sonoma County and the State Director of Agriculture.

The acreage submitted in this report does not include the non-bearing trees. The crop production is given in the commonly accepted units as box, ton, bale, or pound, when ready for shipment. In some cases as hops, all labor costs are included; however, in green and dried fruits, it is the price on delivery at the door of the packing house or processing plant.

Poultry meat is computed by the pound, while in the case of turkeys, it is the average weight bird at the average price per pound. All dried fruits are computed on the price per dried pound, with the exception of pears, which is on a green ton basis.

The total valuation of all crops has an increased valuation of \$7,000,000 over 1941, which was \$26,133,404. This increase is due to both a larger production in some of the principal products such as poultry, sheep, vegetables, and also the increase in price per unit. Poultry, of course, leads with a total value of \$17,737, 692, which is \$4,000,000 above the 1941 income, due to the higher average yearly price of eggs and also poultry meat.

Green and dried fruit shows a decrease in crop, but the prices were much higher. In the case of boxed apples, almost 300 percent. Some hops sold as high as \$1.50 per pound, but the sum total of these high priced lots was comparatively small as compared to those under contract, so that the average price was only 7¢ over that of last year.

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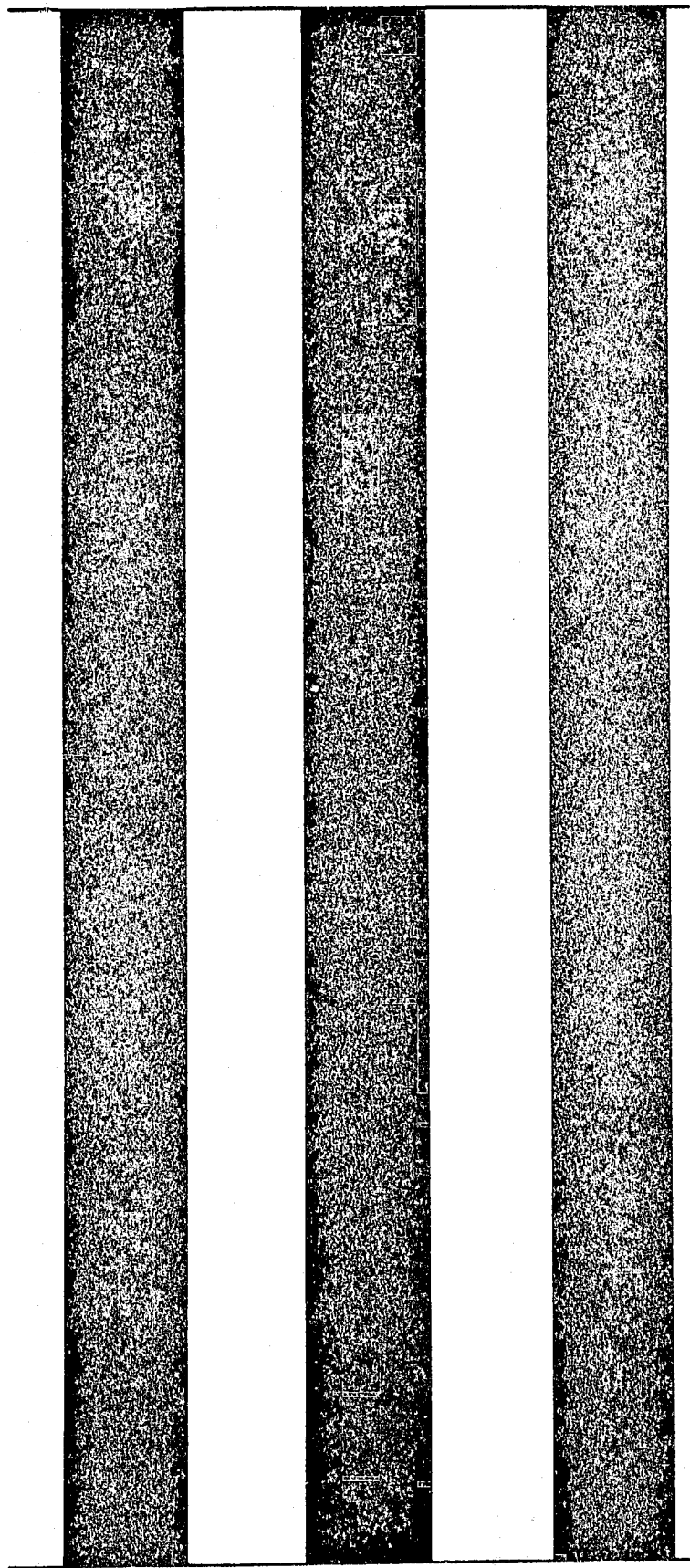
Respectfully submitted,

O. S. Bremner
Agricultural Commissioner

SONOMA COUNTY CROP REPORT
-1942-

| CROP | ACREAGE | PRODUCTION | VALUATION |
|--------------------|---------|---|--------------------------|
| APPLES: | | | |
| Gravenstein | 9,250 | (541 cars) 439,000 boxes @ \$1.75 | \$768,250 |
| Late Apples | 3,460 | (161 cars) 122,000 boxes @ \$1.45 | 176,900 |
| Dried: | | | |
| Gravensteins | | 1,300 tons) | |
| Late | | 950 tons) 2,250 tons @ \$300 | 675,000 |
| Sauce and pie | | 1,600 tons @ \$27.50 | 44,000 |
| Vinegar & Juice | | 4,200 tons @ \$4.50 | 18,900 |
| Cores and peelings | | 5,054 tons @ \$2.50 | 12,635 |
| Cider | | 4,500 gals. @ 50¢ | 2,250 |
| APRICOTS | 50 | 90 tons @ \$70 (20 " canned) (15 " dried) (35 " shipped) (20 " local) | 6,300 |
| CHERRIES: | | | |
| Royal Anne | 1,000 | 1,134 tons @ \$145 (875 " barrelled) (244 " canned) (15 " local) | 164,430 |
| Blacks | 200 | 185 tons @ \$90 (10 tons barrelled) (175 tons shipped & local) | 16,650 |
| PEACHES: | | | |
| Clings | 55 | 80 tons @ \$50 | 4,000 |
| Freestone | 250 | 258 tons @ \$100 | 25,800 |
| PEARS: | | | |
| Bartlett | 2,335 | 4,855 canned @ \$60 775 dried @ \$20 | 291,300 15,500 |
| PLUMS | | | |
| | 300 | 420 canned @ \$40 Shipping: 80 tons @ \$35 60 tons @ \$125 | 16,800 2,800 7,500 |
| PRUNES | | | |
| | 22,500 | 17,000 tons French @ \$146 2,800 tons Imperials @ \$175 | 2,482,000 490,000 |
| BERRIES: | | | |
| Blacks | 190 | 425 tons @ \$165 | 70,125 |
| Strawberries | 12 | 10 tons @ \$225 | 2,250 |
| ORANGE | 10 | 20 tons @ \$40 | 800 |
| HOPS | 2,375 | 17,655 bales @ 40¢ per lb. | 1,351,780 |
| SEED | 3,585 | | 575,000 |
| WALNUTS | 1,075 | 733,191 lbs. @ 15¢ | 111,111 |
| OLIVES | 50 | 15 tons @ \$200 | 3,000 |

| CROP | ACREAGE | PRODUCTION | VALUATION |
|---|-----------------------|---|--|
| ARTICHOKES | 82 | 22,000 crates @ \$1.50 | \$ 33,000 |
| GRAPES | 21,670 | 43,760 tons - Blacks @ \$32.50) Whites @ \$40.00) | 1,509,720 |
| SWEET CORN | | 20,000 crates @ \$1.10 | 22,000 |
| RHUBARB | 12 | 4,800 boxes @ \$1.00 | 4,800 |
| OTHER VEGETABLES Lettuce, squash, cabbage, onions, etc. | | | 25,550 |
| TOMATOES | 650 | 4,550 tons @ \$18 | 81,900 |
| POTATOES | 295 | 29,500 sks. @ \$3.00 | 88,500 |
| NURSERY STOCK, GRAPEVINES, ORNAMENTALS | | | 47,175 |
| HAY AND GRAIN | | | 850,500 |
| BEES AND HONEY | | 62½ tons honey @ \$200 12 tons honey @ \$100 2,500 lbs. bees wax @ 40¢ 1,625 package bees @ \$2.00 1,000 queens @ 50¢ | 12,500 1,200 1,000 3,250 500 |
| * * * * * | | | |
| POULTRY: | | | |
| Hens | 4,250,000 | | |
| Eggs | 40,476,000 doz. @ 33¢ | | 13,357,080 |
| Hatching Eggs | 2,825,000 doz. @ 39¢ | | 1,101,750 |
| Live Poultry | 6,650,500 @ 25¢ | | 1,662,625 |
| Dressed Poultry | 2,350,000 @ 34¢ | | 799,000 |
| Turkey Eggs | 556,500 @ 20¢ | | 111,300 |
| Turkeys to Market | 112,150 @ \$6.25 | | 700,937 |
| Ducks and Geese | | | 5,000 |
| SHEEP | 130,750 | Lambs, wool, pelts, etc. | 865,000 |
| DAIRY CATTLE | 32,250 | Milk products | 4,325,187 |
| BEEF CATTLE | 12,850 | Hides, veal, beef | 408,400 |
| HOGS | 4,550 @ \$28 | | 127,400 |
| RABBITS, FOXES, AND OTHER ANIMALS | | | 6,800 |
| HORSES AND MULES | 165 | | 13,200 |
| U. S. AGRICULTURAL CONSERVATION RANGE AND PARITY PAYMENTS | | | 68,000 |
| | | | <u>\$33,568,351</u> |



1943

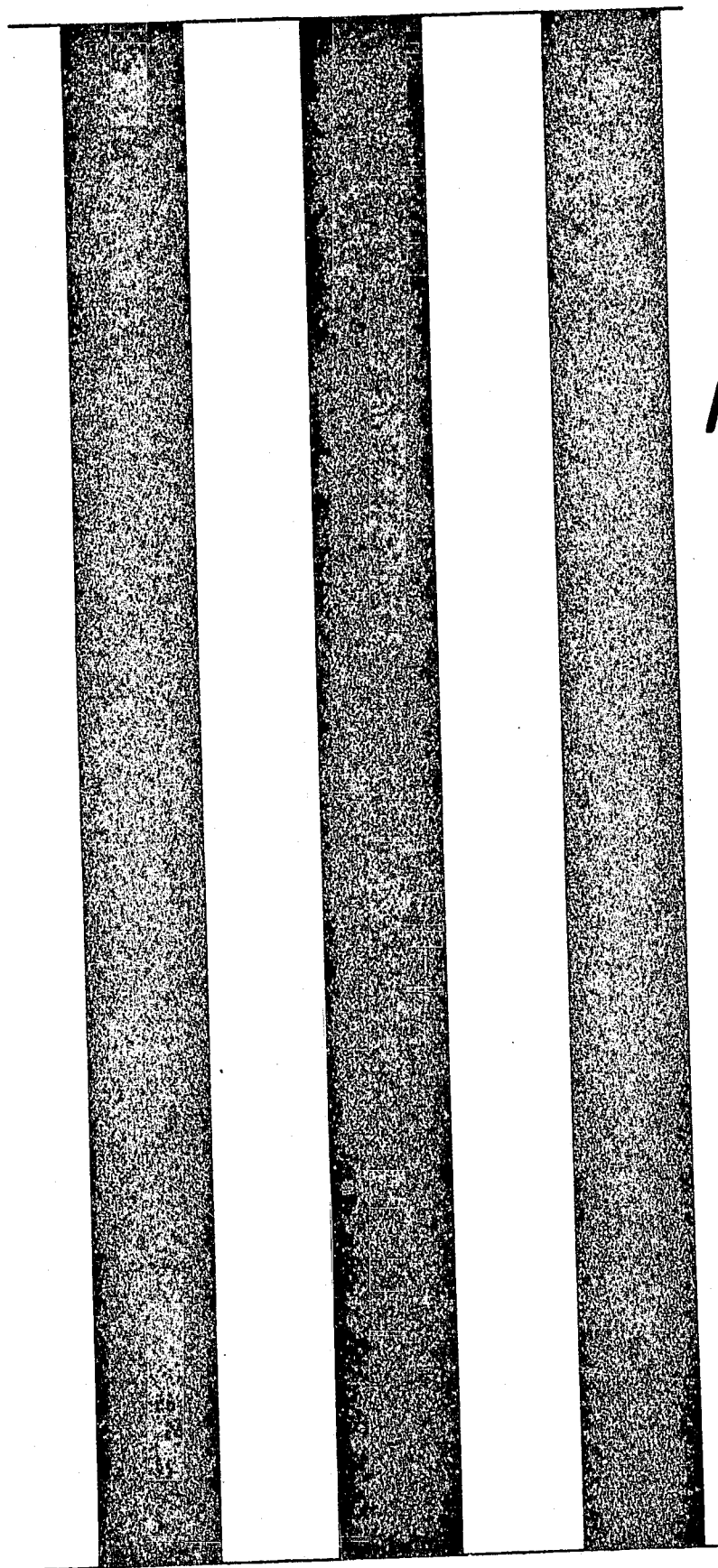
SONOMA COUNTY CROP REPORT
-1943-

SONOMA CO., CALIF. AGRIC.
COMMISSIONER

| CROP | ACRES | PRODUCTION | VALUATION |
|------------------|-------|------------------------------------|--------------|
| APPLES: | | | |
| Gravenstein | 9231 | (1200 cars) 907,000 boxes @ \$2.50 | \$ 2,267,500 |
| Late Apples | 4989 | (287 cars) 208,400 boxes @ \$3.00 | 625,200 |
| Dried: | | | |
| Gravenstein | | 23,375 Green Tons @ \$50.00 | 1,168,750 |
| Late | | 16,120 " " @ \$55.00 | 886,600 |
| Sauce & Pie | | 1,100 " " @ \$35.00 | 38,500 |
| Vinegar & Juice | | 6,000 " " @ \$ 6.00 | 36,000 |
| Cores & Peelings | | 12,000 " " @ \$ 4.00 | 48,000 |
| APRICOTS: | 50 | | |
| Dried | | 10 tons @ \$65.00 | 650 |
| Shipped | | 35 tons @ \$240.00 | 8,400 |
| CHERRIES: | | | |
| Tons barrelled | 1170 | 560 tons @ \$230.00 | 128,800 |
| GRAPES: | 23453 | 44,650 tons @ \$85.00 | 3,895,250 |
| PEACHES: | 265 | 197 tons @ \$65.00 | 2,895 |
| PLUMS: | | | |
| Shipped | 300 | 120 tons @ \$150.00 | 18,000 |
| PEARS: | 3154 | | |
| Canned | | 5067 tons @ \$65.00 | 329,355 |
| Dried | | 2135 tons @ \$18.00 | 38,430 |
| Chopped | | 275 tons @ \$37.50 | 10,312 |
| Distilled | | 950 tons @ \$16.00 | 15,200 |
| Wasted | | 1500 tons | |
| PRUNES: | 22805 | | |
| French | | 23,300 tons @ \$190.00 | 4,427,000 |
| Imperials | | 1,800 tons @ \$220.00 | 396,000 |
| BERRIES: | 210 | | |
| Iced | | 315 tons @ \$350.00 | 107,250 |
| QUINCE: | 10 | 18 tons @ \$45.00 | 810 |
| HOPS: | 2449 | 10,715 bales @ \$95.00 | 1,872,925 |
| SEED: | 3500 | 737,500 lbs. | 1,475,000 |
| WALNUTS: | 1338 | 714,075 lbs. @ 23¢ | 164,238 |
| POTATOES: | 275 | 10,750 sacks | 58,695 |
| ARTICHOKES: | 85 | 21,250 crates @ \$2.00 | 42,500 |
| RHUBARB: | 12 | 3,922 boxes @ \$1.75 | 5,864 |
| SWEET CORN: | 230 | 18,400 crates @ \$2.50 | 45,000 |

GIANNINI FOUNDATION
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| <u>CROP</u> | <u>ACRES</u> | <u>PRODUCTION</u> | <u>VALUATION</u> |
|--|--------------|---------------------------------|------------------|
| OTHER VEGETABLES: | | | |
| Squash, Carrots, Cabbage, Onions, Etc. | | | 35,500 |
| NURSERY STOCK, GRAPEVINES, ORNAMENTALS: | | | |
| | | | 45,500 |
| BEES AND HONEY: | | | |
| Honey | | 50 tons @ \$300.00 | 15,000 |
| Wax | | 1000 lbs. @ 41¢ | 415 |
| Package Bees | | 2700 Pkgs. @ \$3.25 | 8,775 |
| Queens | | 1000 @ 60¢ | 600 |
| POULTRY: | | | |
| Eggs | | 46,250,000 doz. @ 41¢ | 17,962,500 |
| Hatching Eggs | | 2,625,000 doz. @ 60¢ | 1,575,000 |
| Live Poultry | | 19,750,000 lbs. @ 28¢ | 5,530,000 |
| Dressed Poultry | | 2,550,000 lbs. @ 40¢ | 1,020,000 |
| Turkey Eggs | | 560,000 doz. @ 27¢ | 151,335 |
| Turkeys to Market | | 128,500 @ \$8.40 | 1,079,400 |
| Ducks | | 78,000 @ \$1.25 | 97,500 |
| Fertilizer | | 60,000 tons @ \$3.00 | 180,000 |
| SHEEP: | | 135,650 Lambs, Wll, Pelts, Etc. | 1,095,560 |
| DAIRY CATTLE: | | 41,090 | 7,585,000 |
| BEEF CATTLE: | | 14,550 | 727,500 |
| HOGS: | | 12,250 | 26,750 |
| MILK SUBSIDIES: | | | 145,585 |
| RANGE & PARITY PAYMENTS: | | | <u>54,500</u> |
| TOTAL: | | | \$55,449,544 |



1944

SONOMA COUNTY
ACREAGE, CROP AND VALUATION
- 1944 -

MAY 22 1945

| CROP | ACREAGE | PRODUCTION | VALUATION |
|------------------|---------|--|------------------|
| APPLES: | | | |
| Gravenstein | 9211 | (1082 cars) 828268 boxes @ \$2.90 | \$2,401,978 |
| Late Apples | 4587 | (281 cars) 212285 boxes @ \$2.30 | 488,255 |
| Dried: | | | |
| Gravenstein | | 15,000 Green Tons @ \$45.00 | 675,000 |
| Late | | 6,750 " " @ 55.00 | 371,250 |
| Sauce & Pie | | 5,845 " " @ 80.00 | 467,600 |
| Vinegar & Juice | | 8,525 " " @ 15.00 | 127,875 |
| Cores & Peelings | | 6,525 " " @ 12.50 | 82,062 |
| | | | <u>4,614,020</u> |
| APRICOTS: | | | |
| | 50 | 74 tons @ \$85.00 | 6,290 |
| | | 50 tons @ \$200.00 | 10,000 |
| | | | <u>16,290</u> |
| CHERRIES: | | | |
| | 1170 | Barrelled, 1,305 tons @ \$270.00 | 352,350 |
| | | Canned, 240 tons @ \$270.00 | 67,500 |
| | | | <u>419,850</u> |
| GRAPES: | | | |
| | 21,750 | 36,250 tons @ \$125.00 | 4,531,250 |
| PEACHES: | | | |
| Clings | 55 | 255 tons @ \$65.00 | 16,575 |
| Freestone | 250 | | |
| PEARS: | | | |
| | 3154 | Canned, 5,935 tons @ \$75.00 | 445,125 |
| | | Dried, 1,500 tons @ 20.00 | 30,000 |
| | | Shipped, 1,310 tons @ \$60.00 | 78,600 |
| | | | <u>553,725</u> |
| PLUMS: | | | |
| | 300 | Canned, 377 tons @ \$55.00 | 20,735 |
| PRUNES: | | | |
| | 18189 | 18,650 French, Dry tons @ \$215.00 | 4,009,750 |
| | 3774 | 1,250 Imperial, Robes, etc. @ \$245.00 | 306,250 |
| | | | <u>4,316,000</u> |
| BERRIES: | | | |
| Blacks | | 600 tons @ \$250.00 | 150,000 |
| Logan | | 50 tons @ \$250.00 | 12,500 |
| Strawberry | | 10 tons @ \$350.00 | 3,500 |
| | | | <u>166,000</u> |

| CROP | ACREAGE | PRODUCTION | VALUATION |
|------------------------------------|--------------------|-----------------------------|-------------------|
| QUINCE: | 10 | 35 tons @ \$26.00 | 1.675 |
| HOPS: | 2,500 | 21,696 Bales @ 108.00 | 2,343,168 |
| SPED: (Vegetable) | 3,500 | 795,500 pounds | 1,827,250 |
| WALNUTS | 1,145 | 536,550 pounds @ 26¢ | 139,503 |
| * * | | | |
| POTATOES: | 315 | 18,900 sacks @ \$2.75 | 51,975 |
| ARTICHOKES | 65 | 6,500 crates @ \$2.00 | 13,000 |
| RHUBARB: | 12 | 2,400 crates @ \$1.50 | 3,600 |
| SWEET CORN: | 405 | 36,000 crates @ \$1.25 | 45,000 |
| TOMATOES: | 390 | 1,698 tons canned @ \$26.00 | 44,148 |
| | | 90 tons @ 65.00 | 1,675 |
| OTHER VEGETABLES: | | | |
| Squash, Carrots, | | | |
| Cabbage, Onions, Etc. | | | |
| | | | 36,250 |
| | | | <u>195,648</u> |
| NURSERY STOCK, FRUIT TREES & VINES | | | 25,320 |
| ORNAMENTAL & VEGETABLE PLANTS | | | 35,000 |
| HAY AND GRAIN | | | 745,500 |
| BEES AND HONEY | | | |
| | Honey | 30 tons @ \$240.00 | 7,200 |
| | Wax | 2000 lbs @ 41½¢ | 830 |
| | Package Bees | 1900 @ 4.50 | 8,550 |
| | Queens | 1300 @ 1.00 | 1,300 |
| | | | <u>17,880</u> |
| ***** | | | |
| POULTRY: | | | |
| | Hens | 4,500,000 | |
| | Eggs | 48,760,500 doz. @ 38¢ | 18,528,990 |
| | Hatching Eggs | 2,629,236 doz. @ 50¢ | 1,314,618 |
| | Turkeys | 143,013 | |
| | Live | 1,294,620 lbs. @ 35¢ | 453,117 |
| | Dressed | 1,565,640 lbs. @ 45¢ | 704,538 |
| | Turkey Eggs | 896,220 @ 30¢ | 268,866 |
| | Dressed Poultry | 6,810,469 lbs @ 38¢ | 2,587,977 |
| | Live Poultry | 20,750,000 lbs @ 30¢ | 6,225,000 |
| | Ducks | 57,650 @ 1.25 | 62,062 |
| | Geese & Pigeons | | 285 |
| | Rabbits | 28,500 128,250 lbs @ 20¢ | 25,650 |
| | Chicken fertilizer | 72,00 tons @ 2.50 | 187,500 |
| | | | <u>30,358,603</u> |

| <u>CROP</u> | <u>PRODUCTION</u> | <u>VALUATION</u> |
|---|----------------------------------|-------------------|
| HOGS | 12,150 @ \$28.00 | 130,200 |
| SHEEP | 126,530 Lambs, Wool, Pelts, Etc. | 1,029,827 |
| BEEF CATTLE | 15,775 | 742,550 |
| DAIRY CATTLE | Whole Milk 170,069,400 lbs. | 5,714,332 |
| | Butter, Fat, Cream 709,488 lbs. | 390,218 |
| | Skim Milk | 1,809 |
| | Slaughtered Cows & Vealers | 505,000 |
| | Milk Subsidies | 967,777 |
| | | <u>7,579,136</u> |
| RANGE PAYMENTS | | 6,181 |
| TO SAN FRANCISCO FARMERS MARKET AND FARM TO CONSUMER AND PEDDLERS ESTIMATED SALES | | 250,000 |
| | Grand Total | <u>60,081,686</u> |

In compliance with Section 65,5 of the Agricultural Code of the State of California, I herewith submit the annual 1944 acreage, crop and valuation report of Sonoma County to the State Director of Agriculture and the Board of Supervisors of Sonoma County.

The crop production is given in the commonly accepted unit as box, bale, ton or pound when ready for sale or shipment, and is the price to the grower on delivery at the door of the packing house, processing plant, etc.

Respectfully submitted,

O. E. Bremner

Agricultural Commissioner
of
Sonoma County

Three vertical black bars of equal width and height, positioned side-by-side. The bars have a grainy, textured appearance. The first bar on the left has a small white mark near its top. The third bar on the right has a small white mark near its bottom.

1945

SONOMA COUNTY
ACREAGE, CROP AND VALUATION
- 1945 -

| CROP | ACREAGE | PRODUCTION | VALUATION | TOTALS |
|-----------------------------|---------|----------------------------------|-------------|-------------|
| APPLES: | | | | |
| Gravenstein | 9186 | 1,445,000 boxes @ \$2.95 | \$4,262,750 | |
| Late Apples | 4775 | 340,000 " @ 2.70 | 918,000 | |
| Dried: | | | | |
| Gravenstein | | 30,600 tons @ 60.00 | 1,836,000 | |
| Late | | 6,523 " @ 67.50 | 440,302 | |
| Canned, Pies, Frozen | | 15,838 " @ 85.00 | 1,346,230 | |
| Juice & Cider | | 5,005 " @ 15.00 | 75,075 | |
| Vinegar & Other By-Products | | 21,635 " @ 12.50 | 270,537 | |
| Cores & Peelings | | 11,136 " @ 12.50 | 139,200 | |
| | | | | \$9,288,094 |
| APRICOTS: | | | | |
| | 35 | 47 tons @ \$105.00 | 44,935 | |
| | | 10 " @ 200.00 | 2,000 | |
| | | | | 6,935 |
| CHERRIES: | | | | |
| Whites | 1170 | Barrelled, 1,108 tons @ \$270.00 | 299,160 | |
| | | Canned, 338 tons @ \$280.00 | 94,640 | |
| | | Shipped, 45 tons @ \$300.00 | 13,500 | |
| Blacks | | 270 tons @ \$300.00 | 81,000 | |
| | | | | 488,300 |
| GRAPES: | | | | |
| Black | 19521 | 35,400 tons @ \$70.00 | 2,478,000 | |
| White | 2437 | 4,450 " @ 85.00 | 378,250 | |
| | | | | 2,856,250 |
| PEACHES: | | | | |
| Clings | 55 | 90 tons @ \$60.00 | 5,400 | |
| Freestone | 250 | | | 5,400 |
| PEARS: | | | | |
| | 3095 | Canned, 6,320 tons @ \$70.00 | 442,400 | |
| | | Dried 1,370 " @ 20.00 | 27,400 | |
| | | Shipped, 590 " @ 100.00 | 59,000 | |
| | | | | 528,800 |
| PLUMS: | | | | |
| | 180 | Canned, 380 tons @ \$60.00 | 22,800 | |
| | | | | 22,800 |
| PRUNES: | | | | |
| French | 18189 | 26,250 tons @ \$215.00 | 5,643,750 | |
| Imperial | 3774 | 2,750 " @ 245.00 | 673,750 | |
| | 21963 | | | 6,317,500 |
| BERRIES: | | | | |
| Boysen & Young | 113 | 650 tons @ \$320.00 | 195,200 | |
| Blacks | 30 | 35 " @ 250.00 | 8,750 | |
| Logan | 35 | 40 " @ 250.00 | 10,000 | |
| Stawberry | 5 | 10 " @ 350.00 | 3,500 | |
| | | | | 217,450 |

| CROP | ACREAGE | PRODUCTION | VALUATION | TOTALS |
|------------------------------------|---------|---|-----------------|------------|
| QUINCE: | 10 | 40 tons @ \$42.50 | 1,700 | |
| HOPS: | 2600 | 24,940 bales @ \$105.00 | 2,618,700 | |
| VEGETABLE SEED: | 3000 | 653,450 pounds | 1,615,300 | |
| WALNUTS: | 1185 | 590,205 lbs. @ 26¢ | 153,453 | |
| POTATOES: | 350 | 22,750 sacks @ \$2.75 | 62,562 | |
| ARTICHOKES: | 65½ | 15,500 boxes @ \$2.00 | 31,000 | |
| RHUBARB: | 15 | 6,250 boxes @ \$1.00 | 6,250 | |
| SWEET CORN: | 355 | 29,175 crates @ \$1.25 | 36,468 | |
| TOMATOES: | 350 | 1,750 tons canned @ \$25.00 75 " @ \$75.00 | 43,750 5,625 | |
| OTHER VEGETABLES: | | | | |
| Cabbage, onion, etc. | | | 32,250 | |
| NURSERY STOCK, FRUIT TREES & VINES | | | 54,050 | |
| ORNAMENTAL & VEGETABLE PLANTS | | | 65,500 | |
| HAY AND GRAIN | | | 735,530 | |
| | | | | 5,462,138 |
| BEES AND HONEY | | | | |
| Honey | | 20 tons @ \$240.00 | 4,800 | |
| Wax | | 1500 lbs. @ .41 | 615 | |
| Package Bees | | 1500 @ 4.50 | 6,750 | |
| Queens | | 500 @ 1.00 | 500 | |
| | | | | 12,633 |
| ***** | | | | |
| POULTRY: | | | | |
| Hens | | 4,500,000 | | |
| Eggs | | 52,415,000 doz. @ 41¢ | 21,490,150 | |
| Hatching Eggs | | 3,500,000 doz. @ 55¢ | 1,925,000 | |
| Turkeys | | 195,550 | | |
| Live | | 2,500,000 lbs. @ 32½¢ | 812,500 | |
| Dressed | | 600,000 lbs. @ 40¢ | 240,000 | |
| Turkey Eggs | | 1,225,000 @ 30¢ | 367,500 | |
| Dressed Poultry | | 5,650,550 lbs. @ 41¢ | 2,316,725 | |
| Live Poultry | | 26,645,924 lbs. @ 31¢ | 8,260,236 | |
| Ducks | | 48,750 @ \$1.40 | 68,250 | |
| Geese & Pigeons | | | 550 | |
| Rabbits | 195,000 | 975,000 lbs. @ 20¢ | 195,000 | |
| Chicken fertilizer | | 68,500 tons @ 2.00 | 137,000 | |
| | | | | 35,812,911 |

| CROP | PRODUCTION | VALUATION | TOTALS |
|--|----------------------------------|-------------|--------------|
| LIVESTOCK | | | |
| DAIRY CATTLE: | Whole Milk 195,642,800 lbs. | \$7,317,690 | |
| | Butter, Fat, Cream 545,029 | 250,139 | |
| | Skim Milk 129,457 | 11,655 | |
| | Slaughtered Cows & Vealers | 525,000 | |
| | Milk Subsidies | 1,218,217 | |
| | | | 9,322,701 |
| HOGS: | 13,250 @ \$28.00 | 371,000 | |
| | | | 371,000 |
| SHEEP: | 135,000 Lambs, Wool, Pelts, etc. | 1,155,250 | |
| Subsidies | | 4,798 | |
| | | | 1,160,048 |
| BEEF CATTLE: | 16,550 | 775,400 | |
| Subsidies | | 1,570 | |
| | | | 776,970 |
| RANGE PAYMENTS: (A.A.A.) | | 9,711 | |
| | | | 9,711 |
| ESTIMATED SALES TO SAN FRANCISCO FARMERS MARKET, ROADSIDE MARKETS, FARM TO CONSUMER, Etc. | | 250,000 | |
| | | | 250,000 |
| | | | |
| | GRAND TOTAL | | \$72,909,641 |

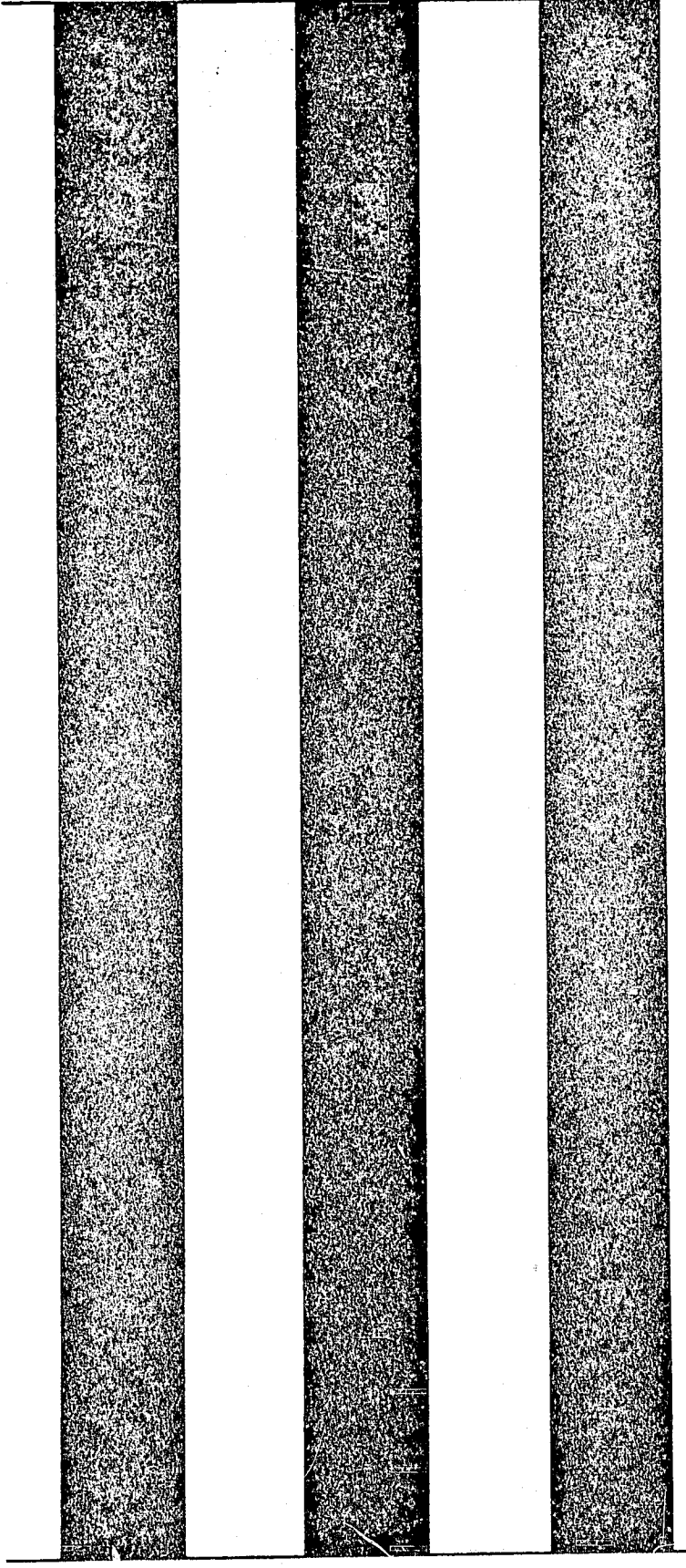
In compliance with Section 65.5 of the Agricultural Code of the State of California, I herewith submit the annual 1945 acreage, crop, and valuation report of Sonoma County to the State Director of Agriculture and the Board of Supervisors of Sonoma County.

The crop production is given in the commonly accepted unit as box, bale, ton or pound when ready for sale or shipment, and the valuation is the price to the grower on delivery at the door of the packing house, processing plant, etc.

Respectfully submitted,

O. E. Bremner

O. E. Bremner
Agricultural Commissioner
of
Sonoma County

Three vertical black bars of equal width and height, positioned side-by-side. They are solid black with no internal texture or detail.

1946

SONOMA COUNTY
ACREAGE, CROP AND VALUATION REPORT


- 1946 -

| CROP | ACREAGE | PRODUCTION | VALUATION | TOTALS |
|-----------------------------|---------|-----------------------------------|-------------|-------------|
| APPLES: | | | | |
| Gravenstein | 9186 | 1,125,000 boxes @ \$2.70 | \$3,037,500 | |
| Late Apples | 4775 | 187,048 " @ 2.35 | 439,562 | |
| Dried: | | | | |
| Gravenstein | | 22,525 tons @ \$46.50 | 1,047,412 | |
| Late | | 7,875 " @ 46.50 | 366,187 | |
| Canned, Pies, Frozen | | 12,246 " @ 70.00 | 857,220 | |
| Juice & Cider | | 7,267 " @ 25.00 | 109,605 | |
| Vinegar & Other By-Products | | 17,658 " @ 10.00 | 176,580 | |
| Cores & Peelings | | 11,750 " @ 10.00 | 117,500 | |
| | | | | \$6,150,966 |
| APRICOTS: | | | | |
| | 35 | 33 tons @ \$100.00 | 3,300 | |
| | | 15 " @ 200.00 | 3,000 | |
| | | | | 6,300 |
| CHERRIES: | | | | |
| Whites | 1170 | Barrelled, 1,065 tons @ \$300.00 | 325,500 | |
| | | Canned, 337 tons @ \$310.00 | 104,470 | |
| | | Shipped, 45 tons @ 325.00 | 14,625 | |
| Blacks | | 120 tons @ \$300.00 | 36,000 | |
| | | | | 480,595 |
| GRAPES: | | | | |
| Black | 22879 | 40,710 tons @ \$122.50 | 4,986,975 | |
| White | | 5,117 " @ 137.50 | 703,587 | |
| | | | | 5,690,562 |
| PEACHES: | | | | |
| Clings | 55 | 140 tons @ \$55.00 | 7,700 | |
| Freestone | 265 | 450 " @ 60.00 | 2,700 | |
| | | | | 10,400 |
| PEARS: | | | | |
| | 3154 | Canned, 8,359 tons @ \$85.00 | 713,515 | |
| | | Dried, 1,710 " @ 17.50 | 29,925 | |
| | | Shipped, 565 @ 100.00 | 56,500 | |
| | | | | 799,940 |
| PLUMS: | | | | |
| | 300 | Canned, 410 tons @ \$60.00 | 24,600 | |
| | | Frozen & Puree, 70 tons @ \$70.00 | 4,900 | |
| | | | | 29,500 |
| PRUNES: | | | | |
| French | 18378 | 24,374 tons @ \$260.00 | 6,337,240 | |
| Imperial | 3784 | 3,044 " @ 310.00 | 943,640 | |
| | | | | 7,280,880 |
| BERRIES: | | | | |
| Rossen & Young | 113 | 600 tons @ \$440.00 | 264,000 | |
| Flacks | 30 | 30 " @ 300.00 | 9,000 | |
| Logan | 35 | 30 " @ 300.00 | 9,000 | |

| CROP | ACREAGE | PRODUCTION | VALUATION | TOTALS |
|------------------------------------|---------|---|------------------|-------------|
| ORANGES | 19 | 2,850 boxes @ \$2.00 | \$ 5,700 | |
| QUINCE: | 10 | 45 tons @ \$40.00 | 1,800 | |
| HOPS: | 2600 | 22,014 bales @ \$105.00 | 2,311,470 | |
| VEGETABLE SEED: | 3000 | 985,000 pounds | 1,965,900 | |
| WALNUTS: | 1218 | 650 tons @ 28¢ per lb. | 364,000 | |
| POTATOES: | 335 | 16,750 sacks @ \$3.00 | 50,250 | |
| ARTICHOKES: | 65½ | 14,500 boxes @ \$1.50 | 21,750 | |
| RHUBARB: | 15 | 3,250 boxes @ \$1.00 | 3,250 | |
| SWEET CORN: | 355 | 15,000 crates @ \$2.00 | 30,000 | |
| TOMATOES: | 350 | 2,119 tons canned @ \$ 30.00 70 " @ 150.00 | 63,570 10,500 | |
| BANANA SQUASH: | | 490 tons @ \$20.00 | 9,800 | |
| OTHER VEGETABLES: | | | 45,500 | |
| Cabbage, onion, etc. | | | 60,250 | |
| NURSERY STOCK, FRUIT TREES & VINES | | | 85,000 | |
| ORNAMENTAL & VEGETABLE PLANTS | | | 750,000 | |
| HAY AND GRAIN | | | | \$5,678,740 |
| BEES AND HONEY | | | | |
| Honey | | 100,300 lbs @ 20¢ | 20,060 | |
| Wax | | 1750 lbs @ 48¢ | 840 | |
| Package Bees | | 150 @ \$4.50 | 675 | |
| Queens | | 500 @ 1.00 | 500 | |
| | | | | 22,075 |

* * * * *

| | | | | |
|--------------------|--|-----------------------|--------------|------------|
| POULTRY: | | | | |
| Hens | | 3,925,500 | | |
| Eggs | | 46,125,200 doz. @ 44¢ | \$20,295,088 | |
| Hatching Eggs | | 2,321,300 doz. @ 59¢ | 1,369,567 | |
| Turkeys | | 135,000 | | |
| Live | | 2,328,750 lbs. @ 34¢ | 791,775 | |
| Dressed | | 776,250 lbs. @ 42¢ | 326,025 | |
| Turkey Eggs | | 816,700 @ 28¢ | 228,676 | |
| Dressed Poultry | | 5,650,550 lbs. @ 45¢ | 2,542,747 | |
| Live Poultry | | 20,250,500 lbs. @ 35¢ | 7,087,675 | |
| Ducks | | 32,000 | 59,000 | |
| Geese & Pigeons | | | 1,550 | |
| Rabbits | | 1,200,000 lbs. @ 25¢ | 300,000 | |
| Rabbit fertilizer | | 250 tons @ \$4.00 | 1,000 | |
| Rabbit hides | | | 2,400 | |
| Chicken fertilizer | | 75,000 tons @ \$4.00 | 300,000 | |
| | | | | 33,305,503 |

Three vertical black bars of equal width and height, positioned side-by-side. They have a grainy, textured appearance.

1947

AGRICULTURAL CROP REPORT
SONOMA COUNTY
YEAR 1947

TO: The State Director of Agriculture
The Honorable Board of Supervisors of Sonoma County

In compliance with Section 65.5 of the Agricultural Code of California, I herewith submit the annual 1947 acreage, crop and valuation report.

Valuation figures are gross receipts and not net returns to the producer, so that they in no way reflect the prosperity of the farmer.

High production costs and low prices, in many instances, greatly reduced the farmers' net income as compared to the past several years. The poultry producers paid higher prices for feed with slight increases in the price of their products. Grape growers with a short crop and greatly reduced price received about twenty per cent as much as the previous year. Gravenstein apple growers with a bumper crop did not harvest all of their apples on account of low prices. Prune growers received around one hundred dollars less per ton for their commodity with a sizeable tonnage yet in growers hands at the first of the year. Milk prices increased in line with higher feed costs but many dairymen went to considerable expense to meet the requirements for the production of Grade A milk.

Consumers who complain of the high price of farm products wonder why prices are high in the face of complaints by farmers of reduced income. Many of the commodities which farmers purchase are higher than previously, for example, trucks and gasoline. Labor, marketing and distribution costs are as high or higher. A reasonable profit to a farmer may be a fraction of the amount required in the production, marketing and distribution of a commodity. Therefore, consumers cannot expect any decided reduction in the retail price of farm commodities until all costs have been reduced even though many farmers are operating at a loss or greatly reduced net income.

Respectfully submitted,

Percy F. Wright

Percy F. Wright,
Agricultural Commissioner.

SONOMA COUNTY
AGRICULTURAL CROP REPORT
YEAR 1947

| FRUIT & NUT CROPS | BEARING ACREAGE | PRODUCTION | GROSS FARM VALUE | TOTALS |
|--|--------------------|---------------------------|---------------------|-------------|
| APPLES | | | | |
| Fresh | | | | |
| Gravenstein | 9160 | 1,213,341 boxes @ \$.98 | \$1,189,074 | |
| Late Apples | 4745 | 478,102 " @ 1.65 | 788,868 | |
| Dried | | | | |
| Gravenstein | | 28,475 tons @ \$7.50 | 213,562 | |
| Late Apples | | 15,045 " @ 12.00 | 180,540 | |
| Chops | | 3,500 " @ 7.50 | 26,250 | |
| By-Products (Canned, Pies, Frozen, Juice, Cider, Vinegar, etc.) | | 22,445 tons | 391,658 | |
| | | | | \$2,789,952 |
| APRICOTS | 35 | 50 tons @ \$150.00 | | 7,500 |
| CHERRIES | 1143 | | | |
| Processed | | 1,093 tons @ \$240.00 | 262,320 | |
| Fresh | | 45 " @ 300.00 | 13,500 | |
| | | | | 275,820 |
| GRAPES | 22,704 | 34,056 tons @ \$35.00 | | 1,191,960 |
| ORANGES | 19 | 2,850 boxes @ \$2.00 | | 5,700 |
| PEACHES | 320 | 600 tons @ \$75.00 | | 45,000 |
| PEARS | 3154 | | | |
| Canned | | 11,038 tons @ \$62.50 | 689,875 | |
| Dried | | 1,160 Grn. tons @ \$17.50 | 20,300 | |
| Fresh | | 275 tons @ \$100.00 | 27,500 | |
| | | | | 737,675 |
| PLUMS | 300 | 640 tons @ \$63.00 | | 40,320 |
| PRUNES | | | | |
| French | 18,092 | 25,093 tons @ \$153.00 | 3,839,229 | |
| Imperial | 3,764 | 3,764 " @ 200.00 | 752,800 | |
| | 21,856 | 28,857 | | 4,592,029 |
| QUINCE | 10 | 10 tons @ \$40.00 | | 1,800 |
| WALNUTS | 1,223 | 184 tons @ \$480.00 | | 88,320 |
| | | | | |
| | | | TOTAL | \$9,776,076 |

| <u>TRUCK CROPS</u> | <u>ACREAGE</u> | <u>PRODUCTION</u> | <u>GROSS FARM VALUE</u> |
|--------------------------|----------------|------------------------|-------------------------|
| Artichokes | 85 | 9350 boxes @ \$2.25 | \$21,037 |
| Berries, Bush | 155 | 576 tons @ \$270.00 | 155,520 |
| Corn, Sweet | 275 | 30,642 crates @ \$2.10 | 64,348 |
| Potatoes | 565 | 56,500 sacks @ \$3.25 | 183,625 |
| Rhubarb | 15 | 2,175 boxes @ \$1.10 | 2,392 |
| Squash | | 395 tons @ \$15.50 | 6,150 |
| Tomatoes | 400 | | |
| Canning | | 1,718 tons @ \$29.00 | 49,822 |
| Fresh | | 70 " @ 100.00 | 7,000 |
| Vegetable, Miscellaneous | | | 45,000 |
| | | Total | \$534,894 |

FIELD CROPS

| | | | |
|---------------------|------|-------------------------|-------------|
| Hay | | | 750,000 |
| Hops | 2729 | 23,471 bales @ \$102.60 | 2,408,125 |
| Miscellaneous Field | | | 25,000 |
| | | Total | \$3,183,125 |

| | | | |
|-------------------|------|-------|-----------|
| <u>SEED CROPS</u> | 7440 | Total | \$945,333 |
|-------------------|------|-------|-----------|

NURSERY

| | | | |
|-----------------------|--|-------|-----------|
| Fruit Trees and Vines | | | 60,000 |
| Ornamentals, Etc. | | | 85,000 |
| | | Total | \$145,000 |

APIARY PRODUCTS

| | | |
|--------------|----------------------|----------|
| Honey | 98,000 lbs. @ \$0.18 | 17,640 |
| Wax | 1,200 lbs. @ .42 | 504 |
| Package Bees | 1,200 lbs. @ 5.50 | 6,600 |
| Queens | 400 @ 1.50 | 600 |
| | Total | \$25,344 |

POULTRY AND RABBITSPRODUCTIONGROSS FIRM VALUE

| | | |
|--------------------|------------------------|--------------|
| Eggs | 40,758,393 dozen @ 53¢ | \$21,601,948 |
| Hatching Eggs | | |
| Light Breeds | 2,376,804 dozen @ 63¢ | 1,497,386 |
| Dark Breeds | 675,900 dozen @ 75¢ | 506,925 |
| Turkeys | 125,000 birds @ \$8.00 | 1,000,000 |
| Turkey Eggs | 206,400 eggs @ 20¢ | 41,280 |
| Dressed Poultry | | |
| Broilers | 4,500,000 lbs. @ 40¢ | 1,800,000 |
| Hens | 13,500,000 lbs. @ 27¢ | 3,645,000 |
| Ducks | 24,000 lbs. @ 40¢ | 9,600 |
| Geese and Pigeons | | 1,550 |
| Rabbits | | |
| Fryers | 370,400 lbs. @ 27¢ | 100,008 |
| Stews | 9,810 lbs. @ 10¢ | 981 |
| Rabbit Fertilizer | 250 tons @ \$4.00 | 1,000 |
| Chicken Fertilizer | 89,970 tons @ \$2.00 | 179,940 |
| | TOTAL | \$30,385,618 |

LIVESTOCK PRODUCTS

| | | |
|------------------------|---------------------|--------------|
| Milk and Milk Products | 10,717,800 lbs. Fat | \$12,032,900 |
| Swine | 12,000 head | 480,000 |
| Lambs | 78,400 " | 1,067,808 |
| Wool | 840,000 lbs. | 361,200 |
| Cattle and Calves | 42,559 head | 3,764,450 |
| Saddle Horses | 450 head | 90,000 |
| | TOTAL | \$17,796,358 |

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

| | |
|---------------------|------------|
| APIARY | \$ 25,344 |
| FIELD CROPS | 3,183,125 |
| FRUIT AND NUT CROPS | 9,776,076 |
| LIVESTOCK PRODUCTS | 17,796,358 |
| NURSERY STOCK | 145,000 |
| POULTRY PRODUCTS | 30,385,618 |
| SEED CROPS | 945,333 |
| TRUCK CROPS | 534,894 |

GRAND TOTAL. . . . \$62,791,748

1948

SONOMA COUNTY
DEPARTMENT OF AGRICULTURE



Report of Activities
and
Agricultural Crop Report
Year 1948



UNIVERSITY OF CALIFORNIA
LIBRARY
COLLEGE OF AGRICULTURE
DAVE

PERCY F. WRIGHT, *Agricultural Commissioner*
SANTA ROSA, CALIFORNIA

PERCY F. WRIGHT
AGRICULTURAL COMMISSIONER

County of Sonoma
Department of Agriculture
COURT HOUSE
SANTA ROSA, CALIFORNIA

TO THE HONORABLE BOARD OF SUPERVISORS AND
THE DIRECTOR OF THE STATE DEPARTMENT OF AGRICULTURE

Gentlemen:

In accordance with the provisions of Section 65 and 65.5 of the Agricultural Code of the State of California, I am submitting herewith the 1948 annual report of the Sonoma County Department of Agriculture.

The first part of this report covers the work which has been done to protect and promote the agricultural interests of the county as provided by the Agricultural Code.

The second part of this report is a compilation of statistics covering the condition, acreage, production and value of the agricultural products of this county as required by the Agricultural Code.

I wish to express my sincere appreciation to my staff and the people of Sonoma County who have cooperated so splendidly with me in my first year as Agricultural Commissioner of Sonoma County.

Respectfully submitted,

Percy F. Wright
Agricultural Commissioner
of
Sonoma County

PERSONNEL

| | |
|----------------------------------|------------------------|
| Agricultural Commissioner | Percy F. Wright |
| Deputy Agricultural Commissioner | E. A. "Hal" Choisser |
| Supervising Inspector | W. R. Michie |
| Agricultural Inspector | W. A. Tillinghast, Jr. |
| Agricultural Inspector | F. L. McGregor |
| Agricultural Inspector | F. F. Swim |
| Weed & Pest Control Foreman | Perry L. Howard |
| Clerk-Stenographer | Jeanne L. White |

INTRODUCTION

* * * * *

There was a decided increase in the activities of the County Department of Agriculture during the year 1948. The department, in addition to the normal functions, performed the following work. A survey of the orchard and vineyard areas was made in cooperation with the California Cooperative Crop Reporting Service. The Agricultural Commissioner entered into an agreement with the Early Apple Advisory Board to perform the inspection work required under this order, which necessitated an additional six inspectors. Vintners bought grapes for the first time in this county on the basis of their sugar content and it was necessary to have an additional seventeen inspectors on this work!

There was also an increase in the normal work performed by the department. Three times as much rodent poison was mixed and sold. There was an increase in the amount of nursery stock inspected through the Post Office, Express Office and other common carriers. The control of Klamath weed was stepped up due to the addition of 2,4-D in the control program. All of this work was performed without any addition to the normal working staff which has not increased in size in several years.

The work of the department is briefly covered under the following headings:

APIARY INSPECTION Although bees account for a small portion of the agricultural income in the county, the protection given to apiculturist is well worth the expense to the county. American Foulbrood, a very serious and contagious disease of bees, is held in check by the inspection of colonies. Colonies found infected are destroyed by burning of the entire colony. This year 149 apiaries consisting of 3287 colonies were inspected and 24 apiaries found infected and 82 colonies burned.

FRUIT, NUT, VEGETABLE AND EGG STANDARDIZATION This work is carried on under authority of Division V of the Agricultural Code. In Sonoma County the major part of the work consists of apple and egg inspection, the purpose of which is to enforce the standards as to the quality and grade requirements specified under the Code.

The inspection of gravenstein apples was carried on in a different manner this year. With the formation of an Early Apple marketing Agreement, the responsibility of inspection rested with the Board, in charge of the operation of the Agreement. The Agricultural Commissioner entered into an agreement with the Board to perform the inspection work. Under the agreement there was a tighter control of the movement of apples which necessitated six more inspectors than normally used, the expense of which was paid to the County by the Board.

This year, the shipping of immature gravenstein apples was not permitted by the Agricultural Commissioner. The minimum sugar requirement at which apples may be shipped is 10-1/2 percent. In past years, the season was thrown open to growers when it was determined that the average sugar percentage for the district had been reached. This year every grower was held to the minimum sugar requirement. As a result, the market opened at \$2.75 per box and strengthened to \$3.25 in a short time, and held until Eastern apples came into competition.

In addition to the apple inspection work, inspection of agricultural produce in the stores was made when time permitted. On several occasions it was

necessary to make rejections of produce which was of an inferior quality, and in violation of the Agricultural Code.

The consumption of eggs is closely related to quality. Consumer reaction soon results when low quality eggs are sold. Under the grade and size requirements of the Code consumption is being maintained by rigid inspection. This is a very important function of the department and means a great deal to the Sonoma County egg producers. Any slackening of this work would materially effect the consumption of eggs. During the year 105,679 dozens of eggs were inspected and 2,439 dozens rejected as not meeting the requirements of the Code.

Apples and other agricultural commodities inspected during the year amounted to 453,018 packages and 2,870 packages were rejected as not meeting the requirements of the Code.

INSECT AND PLANT DISEASE CONTROL It is the responsibility of the Agricultural Commissioner to prevent the spread of pests within the county. In order to properly carry out this function, it is necessary that the department keep informed as to the most recent and up to date methods of controlling pests and conveying this information to the farmers. During the year, the commissioner attended the Spring Convention of the State Association of Agricultural Commissioners, the Fall Convention called by the Director of Agriculture, the Western Weed Conference and other meetings. The commissioner is also a member of the California Entomological Club and the American Association of Economic Entomologists.

Briefly, the following insect and disease pests were of considerable economic loss to the farmers of Sonoma County:

APHIS - Apples and hops were severely attacked. Those who sprayed their apple trees with dinitro or tar oil emulsion during the dormant season received good protection. Those who did not resorted to various sprays including Benzene Hexachloride, Hexaethyltetraphosphate and Hexaethylparaphosphate, relatively new insecticides, during the growing season. Hop aphids were controlled with nicodust after the season warmed up enough to make its action effective, although considerable material was wasted in earlier attempts. Some work was done with Hexaethyltetraphosphate, but it did not prove very successful.

FIELD CRICKETS - An outbreak of field crickets occurred on the seed farm at Cotati which was successfully controlled by airplane dusting with Benzene Hexachloride.

APPLE SKINWORM - Thousands of dollars worth of apples was removed from the graders as a result of injury to mature apples. This pest did not show up until apple harvest started and it was too late to practice any control. Grade out in some cases was as high as 35 to 40 percent. DDT does not control these pests. DDD an analogue of DDT has proved to be effective and will be recommended for their control this following season.

RED SPIDER - Experiments with parathion have proved this to be effective against red spider and will be recommended for their control next season on apples, pears, prunes and other deciduous crops except grapes. The Bureau of Chemistry has not accepted registration of this material on grapes due to its poisonous nature.

BROWN ROT This disease was very severe on prunes, peaches, apricots and cherries. The damp weather this spring favored the development of brown rot. Sulfur or Bordeaux Mixture under normal conditions successfully controls this disease.

HOP MILDEW This disease caused a severe loss to growers. Production this year was 62 percent of the previous year on approximately the same acreage. Satisfactory control has not been worked out. Damp weather also favors development of this disease.

INSECT AND PLANT DISEASE SURVEYS In order to properly protect the county, it is necessary to keep a vigilant eye for new insect and disease pests. Any reports of unusual pest conditions are investigated and specimens sent to experts in the Department of Agriculture at Sacramento for correct identification.

Also, in this connection, field men of the State Department occasionally visit the county for the purpose of surveying certain crops or areas in search of new pests. The importance of finding new pests early in their introduction facilitates any eradication program. It is necessary that the county men accompany them on surveys. This year, one insect was found in Julliard Park new to this county. It was a pit forming scale insect very serious on certain ornamentals. The plants on which these were found were destroyed.

Japanese Beetle, probably the most serious insect pest ever introduced into the United States and not occurring in California is constantly being guarded against. Each summer traps containing a special attractant to the adults are placed around the airport and checked each week.

Elm leaf beetle, an introduced pest on elms, occurs on trees on the county roads. This year, the elms at Kenwood were treated twice with D.D.T. The first application was made by airplane at no cost to the county except for the material. The second application was made by the department and all of the trunks of the trees and saplings were sprayed at the time when beetles were emerging from the pupae which are mostly around the base of the trees. Later, inspections were made and no beetles could be found.

INSPECTION OF GRAPES FOR BY-PRODUCTS Under Chapter 1b of the Agricultural Code when grapes for by-products are purchased on a soluble solids basis it is necessary that the testing be done by inspectors of the County Department of Agriculture.

Due to the low sugar content of grapes, vintners purchased grapes on this basis for the first time in Sonoma County. Seventeen inspectors were required at fifteen wineries. Certificates were issued on each load of grapes certifying as to the sugar content. In all 22, 327 tons of grapes were certified. Cost of the inspection was paid by the wineries through a special fund set up by the Board of Supervisors to handle charges and disbursements for this service.

MARKET ENFORCEMENT -

COOPERATION WITH THE STATE BUREAU The department gives full support to this important bureau. The office of the Agricultural Commissioner is headquarters in Sonoma County for those officials. Applications for processors licenses, complaints and other important information are received by the department.

There was recovered this year in Sonoma County for growers through investigations and hearings the sum of \$17,950.50.

PEST CONTROL OPERATORS Section 150 of the Agricultural Code requires the commissioner to qualify persons who engage in the business of agricultural pest control for hire. During the year 15 persons were qualified and issued certificates.

The purpose of this law is to protect the property owner from unscrupulous operators or those who do not have the necessary knowledge to perform this work.

PLANT QUARANTINE AND NURSERY STOCK INSPECTION This is by far the most important work of the department, results of which are not visible. In California, the United States and the rest of the world are many serious insect and disease pests of plants which would gain entrance to our county once the bars were let down.

Every plant which comes into the county is under the control of the Agricultural Commissioner. It is first determined whether or not the plant is allowed to enter the county because of serious pests existing at its origin, secondly whether it is free of pests and third if infested whether it can be treated. Not only are plants inspected but commodities originating in certain pest infested areas are inspected and in some cases are not allowed to enter. Inspectors must have a good knowledge of the plant quarantines in order to properly enforce the law.

It might be well to mention some of the pests involved - Gypsy Moth, Japanese Beetle, White Fringed Beetle, Mexican Fruit Fly, White Snails, Olive Scale, Peach Mosaic, Colorado Potato Beetle, European Corn Borer and Ozonium Root Rot are just a few of the extremely serious plant pests not occurring in Sonoma County. Introduction of any one of these pests could result in the loss of many thousands of dollars to agriculture of the county.

The following report is a compilation of the number of shipments and plants inspected entering Sonoma County in 1948:

| | |
|--|-----------|
| <u>Interstate</u> - Shipments passed | 4,033 |
| Number of plants passed | 206,226 |
| Shipments rejected | 393 |
| <u>Intrastate</u> - Shipments passed | 3,367 |
| Number plants passed | 143,246 |
| Shipments rejected | 3 |

NURSERY INSPECTION In addition to the inspection of thousands of plants coming into the county, those grown in the county are also inspected to see that they are free of pests. Insects such as San Jose scale, Italian pear scale, crown gall, nematode, mealybug and other pests can do serious damage if plants are allowed to be sold from infested property. All of the ornamental nurseries are inspected each year and required to spray or destroy infested plants. Deciduous stock is inspected at the time it is dug and the roots and tops carefully inspected. Often times, serious pests are found in the nurseries, so that this inspection work is of tremendous importance to the protection of agriculture.

This December, two serious infestations of pests were found in the nurseries. One nursery of deciduous stock had an infestation of root knot nematode on the roots of the trees, an organism almost impossible to eradicate once established in a soil. It causes large swellings on the roots of susceptible plants and causes the premature death of fleshy rooted plants. Another nursery used 29 cuttings as the stock for prune trees and these were infested with Italian pear scale. These trees were fumigated with Methyl Bromide before they were allowed to be sold. This scale is very difficult to eradicate once it is established on a tree and had these young trees been sold without treatment they would have been a constant expense to the grower for the life of the trees.

RODENT CONTROL Under this category is the control of rats, ground squirrels, field mice, rabbits, badgers and gophers. The principal work of the department is supplying farmers with poisons and information on the control of rodents. The Agricultural Code gives the agricultural commissioner legal authority to abate pests on infested property when it becomes necessary, but rarely does this occasion arise. The fact that this authority is granted, the carrying on of rat campaigns and other rodent work is facilitated.

During the year, 4,136 pounds of prepared red squill rat bait using horse meat, fish and cracked wheat as the base were sold by the department. Most of this bait was sold over the counter. However, during the year two drives were put on in heavily infested areas, and on one of the drives 650 pounds of bait were used on 26 poultry farms. It is estimated that on an average of twelve rats are killed with each pound of bait, although we had reports where 32 rats were killed with one pound of bait and 62 rats killed with two pounds of bait. On the basis of twelve rats per pound of bait it is safe to say that over 50,000 rats were killed this year with this bait. Conservative estimates place the damage done by a rat at \$2.50 per year. Thus, this work resulted in the saving of many thousands of dollars to the farmers of Sonoma County.

The area west of Petaluma and referred to as the Two Rock-Bloomfield District is generally infested with badgers. They are serious predators to chickens. They also dig up fields and seriously hamper harvest operations in hay fields. 25,166 acres were covered and treated for badgers.

Strychnine treated eggs and Methyl Bromide gas were used to treat badgers. It was found that the gas is more satisfactory than the poisoned egg treatment and will be used entirely in the future. Seventy-eight poisoned eggs and forty-eight pounds of Methyl Bromide were used.

The sale of strychnine for use on poisoned baits and the sale of strychnine coated wheat for the control of rodents increased this year. The dry winter of 1947-48 resulted in a build up of gophers and field mice. Six hundred 3/16 oz. packages of strychnine and 1704 pounds of strychnine coated wheat were sold.

During January, one inspector spent his full time demonstrating the control of gophers throughout the Gold Ridge District. This was done at the request of the directors of the Soil Conservation District.

All of the baits and poisons are prepared by the department and sold at the actual cost of the ingredients. Each poison is registered with the Bureau of Chemistry of the California State Department of Agriculture and meets all the necessary requirements.

SEED LAW ENFORCEMENT The Agricultural Code requires that the agricultural seeds for planting purposes be labeled so that the purchaser may have a correct statement of the contents. Most important, in this connection is the percentage of germination as this indicates the true value of the seed. Many times, seed is held in stores until it becomes worthless as the viability decreases with age. Seed stores are visited each year or as often as is possible and the date of germination and other statements as indicated on the label of seed containers are checked. Lots of seed not meeting the requirements are red tagged, that is removed from sale, until the proper disposition is made.

The Agricultural Commissioner is also responsible to assist in the certification of seed produced under the supervision of the California Crop Improvement Association. The purpose of this association is to maintain and make available to the public, high quality seeds and propagating materials of superior crop plant varieties so grown and distributed as to insure, genetic identity and purity. Beginning with the harvesting and continuing through final tagging, seed intended for certification shall be subject to the supervision of the County Agricultural Commissioner (Seed Law Section 916.1). This year, the office handled several lots of seeds on this basis which is produced on the Waldo Rohmert Seed Farms at Cotati.

STATE FAIR EXHIBIT - COOPERATION WITH THE ASSOCIATED CHAMBER OF COMMERCE

The department cooperated with the Associated Chamber of Commerce in assuming much of the responsibility in the gathering and collection of the agricultural products exhibited. The man hired to collect the apples was loaned from the crew of inspectors working for the department under the Early Apple Marketing Order. He was one of our best inspectors and was taken from the crew in the middle of the season to make these collections. The field seeds, garden seeds and pears were collected and prepared by the department.

First sweepstakes and a gold cup were won on the apples. Other awards won were second sweepstakes on field seeds, second sweepstakes on dessert wines and brandies, third sweepstakes on garden seeds and third sweepstakes on pears. The department also assisted in the preparation and dismantling of the exhibit at Sacramento.

WEED CONTROL Two noxious weeds not of general occurrence throughout the county require consistent work by the department. They are Klamath weed and puncture vine. Only by diligent work are these noxious weeds being held down and prevented from becoming widespread.

Control of Klamath weed now appears to show a great deal of promise. The introduction and establishment of the Klamath weed beetles and the use of 2,4-D in addition to the use of Borax were two outstanding developments this year.

Ten thousand beetles were released in November of 1947 and these have been recovered in 1948. They were released in the heavily infested area in the mountainous district west of Healdsburg where control practices are no longer feasible. It will take several years before they will breed up in sufficient numbers to know exactly what they will accomplish. The results of work observed last spring in Humboldt County looked very promising.

All of the chemical work done on Klamath weed in Sonoma County was on scattered infestations outside of the generally heavily infested area west of Healdsburg. Twenty-Six and one half gallons of concentrate 2,4-D diluted to a 5 percent solution were applied with a fog applicator. This applicator known as a Hi Fog sprayer holds three quarts of material and develops 1000 pounds pressure. It weighs 28 pounds and is carried on the back of the operator. Three quarts of this material will cover about a quarter of an acre. Practically all of the Klamath weed is on range land outside of the reach of a power spray machine, so that this applicator is very practical for this work. Also, it is very handy for spot work. Klamath weed is easily killed with 2,4-D in the spring months.

Borax was used for the fall control of Klamath Weed. This year, the Agricultural Conservation Association again cooperated with the Agricultural Commissioner and furnished 80,000 pounds of Borax. This material was applied at approximately 10 pounds per square rod.

Puncture vine control is an established operation and will have to continue as such if puncture vine is to be prevented from becoming widespread in Sonoma County. It is of general occurrence throughout the Central Valley and seeds are continuously being brought into this county on automobile and truck tires and by other means. It is necessary to patrol the county roads each year to spray incipient infestations. It takes about five years to eradicate an infestation once it has gone to seed.

Up until this year, the work of puncture vine control was done by the county on roads and private property. The work was more than could be done with the limited manpower of the department and it was necessary to have the private property owner do his own work. A good deal of pressure was put on property owners in order to get this work done properly. Shell Weed Killer 20 was used at 50 percent strength. Blood Albumen was used as an emulsifier. A total of 3200 gallons of spray was used on the roads and about an equivalent amount on private property.

Wild artichoke which originally infested a wide area around Petaluma is now, after ten years of intensive work, practically eradicated. Only a few isolated plants were found this year which were treated with 2,4-D.

It is important that noxious weeds be prevented from becoming established in the county. Many serious weeds are not yet established here and constant vigilance is maintained to prevent their introduction. Tabulated but not discussed under Plant Quarantine is the inspection of grain coming into the county. This past year 949 freight cars of grain from other states were inspected and 193 found infested with either Canadian Thistle, White Horse Nettle or quack grass. All infested grain was cleaned and the screenings properly disposed of.

SURVEY OF FRUIT, VINE AND NUT ACREAGE OF SONOMA COUNTY Authority for this survey is obtained from Section 65.5 of the Agricultural Code. It was made in cooperation with the California Cooperating Crop Reporting Service. Five solicitors and one clerk-stenographer were paid by the Crop Reporting Service. The survey was started May 1st and the field work completed on June 30th. Compilation of these records was completed two months later.

The last survey was made in 1936 when the survey was made in cooperation with the W.P.A., and since that time there has been a distinct downward trend in the acreage of permanent crop plantings. All principal crops, except walnuts and white wine grapes, show large decreases in acreages.

The department has on file a record of the permanent crop plantings for each farm. The variety, age, and acreage of each crop is listed. These have all been totalled, so that there is a complete picture of the permanent crop situation in Sonoma County.

In making the survey, the county was divided into districts listed as follows: Sonoma, Kenwood, Santa Rosa, Sebastopol, Healdsburg, and Cloverdale-Geyserville. Natural boundaries were used in separating the districts.

The California Cooperative Crop Reporting Service keeps on file with the department, a listing book which is maintained each year either by survey or estimates. The Reporting Service copies these figures which is used by them in compiling State and National figures for acreage and production records and published for public information.

PERMANENT CROP ACREAGE BY DISTRICT
OF SONOMA COUNTY
1948

| | <u>Cloverdale- Geyserville</u> | <u>Healdsburg</u> | <u>Kenwood</u> | <u>Santa Rosa</u> | <u>Sebastopol</u> | <u>Sonoma</u> |
|-------------------|------------------------------------|-------------------|----------------|-------------------|-------------------|---------------|
| Almonds | - | - | - | - | - | 7 |
| Apples | 177 | 944 | 57 | 510 | 9,778 | 261 |
| Apricots | - | 8 | 1 | 17 | - | 13 |
| Cherries | 6 | 15 | 2 | 11 | 583 | 46 |
| Chestnuts | - | - | - | - | - | 4 |
| Figs | - | - | - | - | - | 29 |
| Filberts | - | - | - | 2 | 15 | 2 |
| Grapes-Raisin | - | - | 5 | - | - | 1 |
| Grapes-Table | 14 | 4 | - | 5 | 5 | 4 |
| Grapes-Black Wine | 3,472 | 5,377 | 775 | 2,820 | 644 | 1,039 |
| Grapes-White Wine | 799 | 805 | 104 | 509 | 87 | 388 |
| Lemons | - | - | - | - | - | 3 |
| Olives | 1 | - | 14 | 5 | - | 15 |
| Peaches-Clings | 5 | 9 | 2 | 5 | 20 | 5 |
| Peaches-Free | 6 | 3 | - | 18 | 8 | 27 |
| Pears | 415 | 207 | 16 | 357 | 358 | 846 |
| Plums | 48 | 80 | - | 6 | 45 | - |
| Prunes | 4,775 | 8,395 | 349 | 5,263 | 138 | 660 |
| Quince | - | - | - | - | - | 2 |
| Walnuts | 22 | 55 | 291 | 789 | 125 | 125 |
| Total Acreage | 9,740 | 15,902 | 1,616 | 10,317 | 11,806 | 3,477 |

PERMANENT CROP ACREAGE OF SONOMA COUNTY
YEAR 1948

| | <u>Bearing</u> | <u>Non-Bearing</u> | <u>Total</u> |
|------------------------|----------------|--------------------|--------------|
| <u>Almonds</u> | | | |
| Others | 7. | — | 7. |
| <u>Apples</u> | | | |
| Astrachan | 3. | — | 3. |
| Bellflower | 33. | — | 33. |
| Delicious | 478. | 296. | 774. |
| Gravenstein | 7,683. | 82. | 7,765. |
| Jonathan | 607. | 93. | 700. |
| Newtown | 142. | — | 142. |
| Rome Beauty | 619. | 156. | 775. |
| Winesap | 5. | — | 5. |
| Other Apples | 1,487. | 41. | 1,528. |
| ALL APPLES | 11,057. | 668. | 11,725. |
| <u>Apricots</u> | | | |
| Blenheim-Royal | 15. | — | 15. |
| Moorpark | 1. | — | 1. |
| Tilton | 7. | — | 7. |
| Other Apricots | 15. | — | 15. |
| ALL APRICOTS | 38. | — | 38. |
| <u>Cherries</u> | | | |
| Bing | 26. | — | 26. |
| Black Republican | 2. | — | 2. |
| Lambert | 4. | — | 4. |
| Royal Ann | 563. | 11. | 574. |
| Tartarian | 34. | — | 34. |
| Other Cherries | 23. | — | 23. |
| ALL CHERRIES | 652. | 11. | 663. |
| Chestnuts - All | 4. | — | 4. |
| Figs-All | 29. | — | 29. |
| Filberts - All | 7. | 12. | 19. |
| <u>Grapes - Raisin</u> | | | |
| Muscat | 1. | — | 1. |
| Thompson Seedless | 5. | 1. | 6. |
| ALL RAISIN GRAPES | 6. | 1. | 7. |

PERMANENT CROP ACREAGE OF SONOMA COUNTY (Continued)

| | <u>Bearing</u> | <u>Non-Bearing</u> | <u>Total</u> |
|--------------------------|----------------|--------------------|---------------|
| <u>Grapes-Table</u> | | | |
| Riebor | 5. | - | 5. |
| Tokay | 2. | - | 2. |
| Other Table Grapes | <u>16.</u> | <u>10.</u> | <u>26.</u> |
| ALL TABLE GRAPES | 23. | 10. | 33. |
| <u>Grapes - Wine</u> | | | |
| Alicante Bouschet | 954. | 3. | 957. |
| Burger | 222. | 1. | 223. |
| Carignane | 2,318. | 64. | 2,382. |
| Colombar | 41. | 100. | 141. |
| Palomino | 19. | - | 19. |
| Franken Riesling | 115. | 22. | 137. |
| Golden Chasselas | 841. | 194. | 1,035. |
| Gronache | 16. | - | 16. |
| Mataro | 15. | - | 15. |
| Mission | 66. | - | 66. |
| Petite Sirah | 1,837. | 49. | 1,886. |
| Zinfandel | 7,220. | 128. | 7,348. |
| Other White | 974. | 178. | 1,152. |
| Other Dark | <u>1,394.</u> | <u>44.</u> | <u>1,438.</u> |
| ALL WINE GRAPES | 16,035. | 783. | 16,818. |
| <u>Lenons - All</u> | 3. | - | 3. |
| <u>Olives</u> | | | |
| Mission | 34. | - | 34. |
| Other Olives | <u>-</u> | <u>1.</u> | <u>1.</u> |
| ALL OLIVES | 34. | 1. | 35. |
| <u>Peachos-Clings</u> | | | |
| Phillips | 2. | 1. | 3. |
| Tuscan | 3. | 1. | 4. |
| Other Clings | <u>35.</u> | <u>3.</u> | <u>38.</u> |
| ALL CLINGS | 40. | 5. | 45. |
| <u>Peaches-Freestone</u> | | | |
| Crawford | 8. | - | 8. |
| Elberta | 2. | 3. | 5. |
| Hale | - | 1. | 1. |
| Lovell | 3. | - | 3. |
| Muir | 8. | 1. | 9. |
| Salway | 1. | - | 1. |
| Other Freestones | <u>30.</u> | <u>5.</u> | <u>35.</u> |
| ALL FREESTONES | 52. | 10. | 62. |
| ALL PEACHES | <u>92.</u> | <u>15.</u> | <u>107.</u> |

PERMANENT CROP ACREAGE OF SONOMA COUNTY (Continued)

| | <u>Bearing</u> | <u>Non-Bearing</u> | <u>Total</u> |
|----------------------------|----------------|--------------------|----------------|
| <u>Pears</u> | | | |
| Bartlett | 2,121. | 67. | 2,188. |
| Beurre Hardy | 2. | - | 2. |
| Pear Others | 7. | 2. | 9. |
| ALL PEARS | 2,130. | 69. | 2,199. |
| <u>Plums</u> | | | |
| Santa Rosa | 21. | 1. | 22. |
| Other Plums | 149. | 9. | 158. |
| ALL PLUMS | 170. | 10. | 180. |
| <u>Prunes</u> | | | |
| Burton | 14. | - | 14. |
| French | 15,599. | 784. | 16,383. |
| Imperial | 2,933. | 87. | 3,020. |
| Robe de Sergeant | 36. | - | 36. |
| Sugar | 84. | 5. | 89. |
| Other Prunes | 36. | 3. | 39. |
| ALL PRUNES | 18,702. | 879. | 19,581. |
| <u>Quince - All</u> | 2. | - | 2. |
| <u>Walnuts</u> | | | |
| Concords | 4. | - | 4. |
| Eureka | 11. | - | 11. |
| Franquette | 837. | 290. | 1,127. |
| Mayotte | 119. | - | 119. |
| Payne | 3. | - | 3. |
| Walnut-Others | 62. | 56. | 118. |
| ALL ENGLISH WALNUTS | 1,036. | 346. | 1,382. |
| <u>Black Walnuts - All</u> | - | 24. | 24. |
| ALL ACREAGE | <u>50,027.</u> | <u>2,829.</u> | <u>52,856.</u> |

CROP SUMMARY

SONOMA COUNTY - YEAR 1948

The year 1948 will go down in history as one of the driest for the winter months and wettest and coldest for the spring months. Throughout December, January, February and into the middle of March very little precipitation occurred. Curbs were placed on the use of electricity, daylight savings time was instigated and great alarm was being expressed over the water supply for the ensuing season. Fortunately, for California, rain started to fall and by the time it stopped rainfall was almost up to normal for Sonoma County as calculated on a seasonal basis.

However, many crops in Sonoma County are geared for rainfall during the winter, and unusual weather conditions, even though sometimes of great benefit, interfere with proper farm management and practice for crop production. As a result crop production was seriously effected particularly those crops requiring relatively light precipitation and warm weather in the spring months.

Pollination was hampered by cold damp weather, plant diseases were greatly favored, cultivation was unseasonal and crops were late in maturing.

Adversely, hay crops were excellent and summer range feed was good. Sheep men particularly had an excellent year.

The following report is a summary of the important crops of Sonoma County:

APPLES - Lack of pollination resulted in a very light crop. Gravenstein apples had approximately a 55 percent crop and late varieties 40 per cent crop. Aphids were very severe in many orchards in the spring months and skin worm was very severe in the harvest period.

CHERRIES - Lack of pollination and brown rot resulted in a very light crop - about 20 percent of normal. Rain during harvest also cracked many cherries.

GRAPES - The tonnage of grapes produced was slightly below normal, and also due to the cool season the sugar content was low. The average sugar content was approximately 20 percent. Normal sugar is about 22 percent. A sizeable tonnage was below 18 percent sugar and was purchased on the basis of distilling material.

PEARS - Tonnage for the county was off 45 percent. The light crop was caused by inclement weather during the pollination period. The demand for pears was brisk and since the state crop was light growers received high prices.

PEACHES - The crop was about 35 percent of normal. Lack of pollination and brown rot were prevalent during the blooming period. The Imperial variety had practically no crop.

PEACHES AND APRICOTS - These two crops are locally marketed and this year there was not enough of a crop for harvest. Brown rot was severe on apricots and curly leaf and brown rot was severe on peaches.

WALNUTS - Walnuts fared better than most of the other deciduous crops and produced near a normal crop.

HOPS - The crop was 62 percent of the previous year on approximately the same acreage. Hop Mildew was the primary cause although aphids were also severe. Even though the crop was short, market conditions were weak. Growers having their hops containing a high percentage of leaf and stem content have had difficulty marketing their crop.

BERRIES - BUSH - There is quite an increase in the berry acreage of Sonoma County. Young plantings have not come into maximum production so that the production of this crop should show an increase in the ensuing years.

HAY - The hay crop was excellent. Yields were above normal.

POULTRY - Producers as a whole had a good year. There was a far better egg-food ratio than in the 1947 year and prices held strong throughout the year. Turkey producers particularly had an excellent year, and prices on hatching eggs and on meat birds were high.

DAIRY - There is a steady increase in the numbers of dairy cattle in Sonoma County. The increase of population in California and the proximity of Sonoma County to large centers has given this county an advantage in the production of Grade A milk which has been commanding a relatively higher price than Grade B milk.

SHEEP - The sheep men had an excellent year. Dry weather during the winter months resulted in a high percentage of a lamb crop and the spring rains gave plenty of feed to finish them. Prices were unusually high. Wool production was about normal and prices were good.

CATTLE - In line with the increase in dairy cattle, the yield of meat has also increased. Calves from dairy stock and cows culled from herds go for slaughter. The strong demand for meat throughout the nation has benefited the dairyman in that he is able to dispose of this stock at high prices.

FRUIT AND NUT CROPS
SONOMA COUNTY - 1948

| <u>CROP</u> | <u>BEARING ACREAGE</u> | <u>PRODUCTION</u> | <u>*GROSS FARM VALUE</u> | <u>TOTAL</u> |
|--|----------------------------|---------------------------|------------------------------|--------------|
| <u>APPLES</u> | | | | |
| Fresh | | | | |
| Gravenstein | 7,683 | 663,063 boxes @ \$ 1.49 | \$ 971,246 | |
| Late Apples | 3,374 | 124,799 boxes @ 1.39 | 173,470 | |
| Dried | | | | |
| Gravenstein | | 15,750 green tons @ 16.00 | 252,000 | |
| Late Apples | | 2,625 green tons @ 21.50 | 56,437 | |
| Processed (Canned, Pies, Juice, Cider, Vinegar, etc.) | | | | |
| Gravenstein | | 11,536 tons @ 20.33 | 234,748 | |
| Late Apples | | 7,946 tons @ 30.14 | 249,319 | |
| | | | | \$1,937,220 |
| <u>APRICOTS</u> | 38 | 5 ton @ 150.00 | | 750 |
| <u>CHERRIES</u> | | | | |
| | 652 | | | |
| Processed | | 379 tons @ 340.00 | 128,860 | |
| Fresh | | 10 tons @ 500.00 | 5,000 | |
| | | | | 133,860 |
| <u>GRAPES, WINE</u> | 16,064 | | | |
| Black | | 31,046 tons @ 41.00 | 1,272,886 | |
| White | | 5,054 tons @ 35.00 | 176,890 | |
| Distilling | | 1,900 tons @ 18.00 | 34,200 | |
| | | | | 1,483,976 |
| <u>PEACHES</u> | 92 | 60 tons @ 100.00 | | 6,000 |
| <u>PEARS</u> | 2,130 | | | |
| Canned | | 7,121 tons @ 105.00 | 747,705 | |
| Dried | | 486 Grn. tons @ 20.00 | 9,700 | |
| Fresh | | 100 tons @ 120.00 | 12,000 | |
| | | | | 769,405 |
| <u>PLUMS</u> | | | | |
| Canned | 170 | 70 tons @ 80.00 | | 5,600 |
| <u>PRUNES</u> | | | | |
| French | 15,755 | 10,755 dry tons @ 200.00 | 2,151,000 | |
| Imperial | 2,947 | 287 dry tons @ 320.00 | 91,840 | |
| | 18,702 | 11,042 | | 2,242,840 |
| <u>WALNUTS</u> | 1,036 | 395 tons @ 460.00 | | 181,700 |
| Miscellaneous Orchard | 86 | | | 8,600 |
| | | | | \$6,769,961 |

*Waxed fruit delivered to packing house or processor.

VEGETABLE CROPS

| <u>CROP</u> | <u>ACREAGE</u> | <u>PRODUCTION</u> | <u>CROSS FARM VALUE</u> | <u>TOTAL</u> |
|--------------------------|----------------|-----------------------|-----------------------------|--------------|
| Artichokes | 85 | 6,350 boxes @ \$ 2.00 | \$ 12,700 | |
| Berries-Bush | 750 | | | |
| Canning | | 199 ton @ 230.00 | 45,770 | |
| Frozen | | 512 ton @ 310.00 | 158,720 | |
| Fresh | | 50 ton @ 400.00 | 20,000 | |
| Corn-Sweet | 100 | 10,000 crates @ 1.50 | 15,000 | |
| Potatoes | 300 | 20,000 cwt. @ 3.00 | 60,000 | |
| Rhubarb | 10 | 1,200 boxes @ 1.00 | 1,200 | |
| Squash | 136 | 550 ton @ 20.00 | 11,000 | |
| Tomatoes-Fresh | 40 | 8,000 lugs @ 1.50 | 12,000 | |
| Vegetables-Miscellaneous | | | <u>45,000</u> | |
| | | | | \$ 381,390 |

FIELD CROPS

| | | | | |
|---------------------|--------|----------------------|---------------|-----------|
| Barley | 1,500 | 30,000 cwt @ 3.00 | 90,000 | |
| Hay | | | | |
| Alfalfa | 300 | 1,200 ton @ 30.00 | 36,000 | |
| Tame | 40,000 | 80,000 ton @ 25.00 | 2,000,000 | |
| Hops | 2,743 | 14,502 bales @ 91.20 | 1,322,582 | |
| Pasture | | | | |
| Permanent Irrigated | 3,000 | | 120,000 | |
| Oats | 10,000 | 180,000 cwt.) | | |
| Oats and Vetch | 10,000 | 150,000 cwt.) | @ 3.00 | 1,020,000 |
| | | 18,000 cwt @ 10.00 | 180,000 | |
| Wheat | 500 | 8,000 cwt @ 3.50 | <u>28,000</u> | |
| | | | | 4,796,582 |

SEED CROPS

| <u>CROP OR PRODUCT</u> | <u>ACREAGE</u> | <u>PRODUCTION</u> | <u>GROSS FARM VALUE</u> | <u>TOTAL</u> |
|---------------------------------|----------------|--------------------|-----------------------------|--------------|
| Nursery (Trees and Grape Vines) | | | \$ 60,000 | |
| Nursery (Ornamental) | | | 85,000 | |
| Potatoes Certified | 90 | 10,900 cwt. @ 3.25 | 35,425 | |
| Seeds | | | | |
| Vegetable) | | | | |
| Flower) | 1,765 | | <u>706,000</u> | |
| Pasture Grass) | | | | \$ 886,425 |

APIARY PRODUCTS

| | | | |
|--------------|--------------------|--------------|--------|
| Honey | 45,000 lbs. @ .12 | 5,400 | |
| Wax | 1,000 lbs. @ .43 | 430 | |
| Package Bees | 1,200 pkgs. @ 5.50 | 6,600 | |
| Queens | 500 @ 1.25 | 625 | |
| Pollination | | <u>4,500</u> | 17,555 |

POULTRY AND RABBITS

| | | | |
|----------------------|------------------------|---------------|--------------|
| Eggs | 46,172,881 doz. @ .545 | 25,164,220 | |
| <u>Hatching Eggs</u> | | | |
| Light Breeds | 2,142,411 doz. @ .64 | 1,371,143 | |
| Dark Breeds | 887,246 doz. @ .76 | 667,707 | |
| Turkeys | 156,800 birds @ 9.00 | 1,411,200 | |
| Turkey Eggs | 475,000 @ .20 | 95,000 | |
| Dressed Poultry | | | |
| Broilers & Fryers | 16,444,773 lbs. @ .38 | 6,249,014 | |
| Hens | 12,221,420 lbs. @ .28 | 3,421,998 | |
| Ducks | 20,000 lbs. @ .40 | 8,000 | |
| Geese and pigeons | | 2,000 | |
| Rabbits | | | |
| Fryers | 420,000 lbs. @ .32 | 134,400 | |
| Stews | 45,000 lbs. @ .16 | 7,200 | |
| Rabbit Fertilizer | 250 ton @ 1.00 | 250 | |
| Chicken Fertilizer | 74,250 ton @ .75 | <u>55,688</u> | |
| | | | \$38,587,820 |

LIVESTOCK PRODUCTS

| <u>PRODUCT</u> | <u>PRODUCTION</u> | | <u>GROSS FARM VALUE</u> | <u>TOTAL</u> |
|--------------------------|-------------------|--------|-----------------------------|--------------|
| Market Milk ⁶ | 1,698,300 cwt. | @ 5.60 | \$9,510,480 | |
| Manufactured Milk | 3,600,000 lbs.fat | @ .99 | 3,564,000 | |
| Swine | 13,000 head | | 520,000 | |
| Lambs | 84,000 head | | 1,596,000 | |
| Wool | 840,000 lbs. | | 504,000 | |
| Cattle and Calves | 43,298 head | | 5,148,735 | |
| Saddle Horses | 450 head | | <u>90,000</u> | |
| | | | | \$20,933,215 |

* * * * *

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

| | |
|---------------------|----------------------------|
| APIARY | \$ 17,555 |
| FIELD CROPS | 4,796,582 |
| FRUIT AND NUT CROPS | 6,769,961 |
| LIVESTOCK PRODUCTS | 20,933,215 |
| POULTRY AND RABBITS | 38,587,820 |
| SEED CROPS | 886,425 |
| VEGETABLE CROPS | <u>381,390</u> |
| GRAND TOTAL | <u><u>\$72,372,948</u></u> |

Three vertical black bars of equal width and height, positioned side-by-side. They have a grainy, textured appearance.

1949

Sonoma Co.

Sonoma County
Department of Agriculture

Agricultural Crop Report



Year 1949

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SANTA ROSA, CALIFORNIA

PERCY F. WRIGHT
AGRICULTURE COMMISSIONER

County of Sonoma
Department of Agriculture
COURT HOUSE
SANTA ROSA, CALIFORNIA

TO THE HONORABLE BOARD OF SUPERVISORS AND
THE DIRECTOR OF THE STATE DEPARTMENT OF AGRICULTURE

Gentlemen:

In accordance with the provisions of Section 65.5 of the Agricultural Code of the State of California, I am submitting herewith the 1949 annual crop report for Sonoma County.

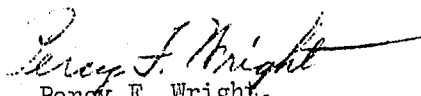
The figures presented are the value of production calculated on the basis of the commodity delivered to the packing house, processing plant or hatchery. They represent the gross returns which the farmers of Sonoma County received for their products. Actually, it is the amount of money which goes into and through the farmers' pockets to pay for stock feed, labor, repairs, the family grocery bill, life insurance and any other farm or family expense along with any savings or profits he may have been able to make above these expenses.

The cost of preparing certain agricultural commodities for distribution are semi-industrial operations, the extra value of which is not included in the farm income. It is the expense of preparing and packing apples and pears in the fresh or dried state for shipment and the hatchery business.

Requests have been made for the value of the hatchery business. This can be calculated by multiplying the percentage of hatch, which is 70 percent for chickens and 50 percent for turkeys, by the number of hatching eggs produced by the farmers as shown in this report and these figures by 16¢ for baby chicks and 70¢ for turkey poults.

The compilation of this information was made possible through the assistance of those engaged in the growing, harvesting, handling and marketing the county agricultural commodities, and to them we express our appreciation.

Respectfully submitted,


Percy F. Wright,
Agricultural Commissioner
of
Sonoma County

FRUIT AND NUT CROPS
SONOMA COUNTY - 1949

| <u>CROP</u> | <u>BEARING ACREAGE</u> | <u>PRODUCTION</u> | | <u>*GROSS FARM VALUE</u> | <u>TOTAL</u> |
|------------------------------|----------------------------|-------------------|----------|------------------------------|--------------|
| <u>APPLES, FRESH</u> | | | | | |
| Gravenstein | 7,654 | 718,780 boxes | @ \$.85 | \$ 610,963 | |
| Late Varieties | 3,413 | 283,813 boxes | @ 1.01 | 286,651 | |
| <u>APPLES, DRIED</u> | | | | | |
| Gravenstein | | 29,274 green tons | @ 12.00 | 351,288 | |
| Late Varieties | | 11,375 green tons | @ 14.00 | 159,250 | |
| <u>APPLES, PROCESSED</u> | | | | | |
| <u>GRAVENSTEIN</u> | | | | | |
| Canned | | 9,545 tons | @ 26.77 | 255,475 | |
| Vinegar | | 7,107 tons | @ 6.91 | 49,117 | |
| Juice-Cider | | 4,787 tons | @ 16.24 | 77,757 | |
| Unclassified | | 2,494 tons | @ 17.27 | 43,070 | |
| <u>LATE VARIETIES</u> | | | | | |
| Canned | | 10,671 tons | @ 30.26 | 322,899 | |
| Vinegar | | 3,525 tons | @ 6.26 | 22,075 | |
| Juice-Cider | | 1,191 tons | @ 14.58 | 17,484 | |
| Unclassified | | 2,735 tons | @ 14.62 | 40,010 | |
| | | | | | \$2,236,039 |
| <u>CHERRIES</u> | 652 | | | | |
| Fresh | | 87 tons | @ 240.00 | 20,880 | |
| Processed | | 1,963 tons | @ 155.00 | 304,265 | |
| | | | | | 325,145 |
| <u>GRAPES, WINE</u> | 16,277 | | | | |
| Black | | 25,164 tons | @ 45.00 | 1,132,380 | |
| White | | 4,096 tons | @ 30.00 | 122,880 | |
| | | | | | 1,255,260 |
| <u>PEARS</u> | 2,124 | | | | |
| Canned | | 8,984 tons | @ 30.00 | 269,520 | |
| Dried | | 670 Green ton | @ 8.00 | 5,360 | |
| Fresh | | 290 tons | @ 50.00 | 14,500 | |
| | | | | | 289,380 |
| <u>PLUMS</u> | 170 | | | | |
| Canned | | 742 tons | @ 40.00 | 29,680 | |
| Fresh | | 6,000 lugs | @ 1.00 | 6,000 | |
| | | | | | 35,680 |
| <u>PRUNES</u> | | | | | |
| <u>Salable-Standard</u> | | | | | |
| French | 15,496 | 14,150 dry tons | @ 180.00 | 2,547,000 | |
| Imperial | 2,871 | 3,348 dry tons | @ 195.00 | 652,860 | |
| <u>Surplus-Standard</u> | 13,347 | | | | |
| French | | 3,207 dry tons | @ 160.00 | 513,120 | |
| Imperial | | 759 dry tons | @ 175.00 | 132,825 | |
| <u>Surplus-Offgrade</u> | | 1,866 dry tons | @ 5.00 | 9,330 | |
| | | 23,330 | | | 3,855,135 |
| <u>WALNUTS</u> | 1,059 | 492 tons | @ 320.00 | | 157,440 |
| <u>MISCELLANEOUS ORCHARD</u> | 225 | | | | 22,500 |
| | | | | | \$8,176,579 |

*Naked fruit delivered to packing house or processor.

| CROP | ACREAGE | VEGETABLE CROPS | | | GROSS FARM VALUE | TOTAL |
|--------------------------|---------|-----------------|------|---------|---------------------|------------|
| | | PRODUCTION | | | | |
| Artichokes | 85 | 3,400 boxes | @ \$ | 1.25 \$ | 4,250. | |
| Berries-Bush | 750 | | | | | |
| Fresh | | 50 ton | @ | 300.00 | 15,000 | |
| Processed | | 920 ton | @ | 170.00 | 156,400 | |
| Corn-Sweet | 175 | 14,000 crates | @ | 1.00 | 14,000 | |
| Potatoes | 325 | 25,000 cwt | @ | 2.00 | 52,000 | |
| Peas | 50 | 1,250 tubs | @ | 1.80 | 2,250 | |
| Rhubarb | 10 | 3,500 boxes | @ | .55 | 1,925 | |
| Squash | 30 | 120 ton | @ | 20.00 | 2,400 | |
| Tomatoes-Fresh | 25 | 5,000 lugs | @ | 1.50 | 7,500 | |
| Vegetables-Miscellaneous | | | | | <u>30,000</u> | |
| | | | | | | \$ 285,725 |

\$ 285,725

| FIELD CROPS | | | | | | |
|---------------------|--------|-----------------|------|-------|---------------|-------------|
| Barley | 1,500 | 30,000 cwt. | @ \$ | 2.75 | 82,500 | |
| Hay | | | | | | |
| Alfalfa | 300 | 1,200 ton | @ | 30.00 | 36,000 | |
| Tame | 36,000 | 54,000 ton | @ | 24.00 | 1,296,000 | |
| Hops | 2,743 | | | | | |
| Total Crop | | 4,820,949 lbs.) | | | | |
| Salable Allotment | | 3,719,994 lbs.) | | | 1,882,635 | |
| Harvested | | 3,385,710 lbs.) | | | | |
| Certificates sold | | 573,341 lbs.) | | | | |
| Pasture | | | | | | |
| Permanent Irrigated | 3,300 | | | | 132,000 | |
| Oats | 10,000 | 180,000 cwt) | @ | 3.00 | 1,020,000 | |
| Oats and) | | 160,000 cwt) | @ | 8.50 | 170,000 | |
| Vetch) | 10,000 | 20,000 cwt | @ | 3.50 | <u>28,000</u> | |
| Wheat | 500 | 8,000 cwt | @ | | | \$4,647,135 |

| SEED CROPS | | | | | | |
|-------------------------------|-------|--|--|--|-----------------|------------|
| Nursery (Trees & Grape Vines) | | | | | 35,000 | |
| Nursery (Ornamental) | | | | | 70,000 | |
| Seeds | | | | | | |
| Vegetable) | | | | | | |
| Field) | | | | | 637,000 | |
| Flower) | | | | | | |
| Pasture Grass) | 1,820 | | | | | |
| | | | | | <u> </u> | \$ 742,000 |

APIARY PRODUCTS

| <u>PRODUCT</u> | <u>PRODUCTION</u> | | | <u>GROSS FARM</u> <u>VALUE</u> | <u>TOTAL</u> |
|----------------|-------------------|---|------|-----------------------------------|--------------|
| Honey | 143,000 lbs. | @ | .10 | \$ 14,300 | |
| Wax | 2,000 lbs. | @ | .35 | 700 | |
| Package Bees | 500 Pkgs. | @ | 4.00 | 2,000 | |
| Queens | 300 | @ | 1.00 | 300 | |
| Pollination | | | | <u>4,500</u> | |
| | | | | \$ | 21,800 |

POULTRY PRODUCTS

| | | | | | |
|-------------------------------|-----------------|---|------|------------------|---------------|
| Eggs | 47,782,530 doz. | @ | .46 | | \$ 21,979,964 |
| <u>Hatching Eggs</u> | | | | | |
| Light Breeds | 1,864,140 doz | @ | .62 | 1,155,767 | |
| Dark Breeds | 1,026,671 doz | @ | .71 | <u>728,936</u> | |
| | | | | | 1,884,703 |
| <u>Chickens sold for meat</u> | | | | | |
| Broilers and Fryers | 21,322,225 lbs. | @ | .30 | 6,396,667 | |
| Hens | 17,475,800 lbs. | @ | .18 | <u>3,145,644</u> | |
| | | | | | 9,542,311 |
| <u>Turkeys</u> | | | | | |
| Meat Birds | 177,000 birds | @ | 8.00 | 1,416,000 | |
| Turkey Eggs | 560,000 eggs | @ | .25 | <u>140,000</u> | |
| | | | | | 1,556,000 |
| Ducks | 20,000 lbs. | @ | .40 | | 8,000 |
| Geese & Pigeons | | | | | 2,000 |
| Poultry Fertilizer | 72,500 ton | @ | 1.00 | | <u>72,500</u> |
| | | | | | \$ 35,045,478 |

LIVESTOCK PRODUCTS

| | | | | | |
|-----------------|-------------------|---|------|------------------|----------------|
| <u>Milk</u> | | | | | |
| Market | 1,881,700 cwt | @ | 5.34 | \$ 10,048,278 | |
| Manufactured | 3,204,000 lbs.fat | @ | .78 | <u>2,499,120</u> | |
| | | | | | \$ 12,547,398 |
| Swine | 10,000 head | | | | 370,000 |
| <u>Sheep</u> | | | | | |
| Lambs | 28,500 head | | | 458,850 | |
| Wool | 625,000 lbs. | | | <u>375,000</u> | |
| | | | | | 833,850 |
| Cattle & Calves | 43,629 head | | | | 4,175,050 |
| Saddle Horses | 300 head | | | | 60,000 |
| <u>Rabbits</u> | | | | | |
| Fryers | 638,000 lbs. | @ | .24 | 153,120 | |
| Stews | 67,750 lbs. | @ | .10 | 6,775 | |
| Fertilizer | 250 ton | @ | 1.00 | <u>250</u> | |
| | | | | | <u>160,145</u> |
| | | | | | \$ 18,146,443 |

AGRICULTURAL CROP REPORT 1949

RECAPITULATION *****

| | |
|---------------------|----------------|
| APIARY | \$ 21,800 |
| FIELD CROPS | 4,647,135 |
| FRUIT AND NUT CROPS | 8,176,579 |
| LIVESTOCK PRODUCTS | 18,146,443 |
| POULTRY PRODUCTS | 35,045,478 |
| SEED CROPS | 742,000 |
| VEGETABLE CROPS | <u>285,725</u> |
| TOTAL FARM VALUE | \$67,065,160 |
| ***** | |
| 1946 FARM VALUE | \$ 75,865,479 |
| 1947 FARM VALUE | \$ 62,791,748 |
| 1948 FARM VALUE | \$ 72,372,948 |
| 1949 FARM VALUE | \$ 67,065,160 |
