

SANTA CLARA COUNTY
DEPARTMENT OF AGRICULTURE

1944
1944
AGRICULTURAL

CROP REPORT

1944

SANTA CLARA
COUNTY

COUNTY OF SANTA CLARA

DEPARTMENT OF AGRICULTURE

L. R. CODY
Agricultural Commissioner and
State Plant Quarantine Officer

HALL OF JUSTICE
SAN JOSE, CALIFORNIA

PHONE COLUMBIA 4262 - BEFORE 9 A. M.
COLUMBIA 4260, LOCAL 27 - AFTER 9 A. M.

June 22, 1945

To the Honorable Board of Supervisors
Santa Clara County

and

A. A. Brocky, Director
State Department of Agriculture
Sacramento, California

Gentlemen:

Section 65.5 of the Agricultural Code states:

"The Commissioner shall compile reports of the condition, acreage, production, and value of the agricultural products in his county. The Commissioner may publish such reports, and shall transmit a copy thereof to the director."

The figures given are gross receipts, which includes costs of harvesting, hauling, and other costs incurred up to the point of packing.

I wish to take this opportunity to thank the many individuals, co-operatives, and companies who have submitted valuable information that has made this report possible.

Respectfully submitted,



L. R. CODY
AGRICULTURAL COMMISSIONER

1944
 A N N U A L R E P O R T
 SANTA CLARA COUNTY DEPARTMENT OF AGRICULTURE

T A B L E O F C O N T E N T S

Compiled by
 ALBERT M. FOSTER
 DEPUTY AGRICULTURAL COMMISSIONER

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SUMMARY OF CONTENTS

	Acres	Total Value
Bearing Acreage of Fruits and Nuts -----	101,039	\$ 37,092,685.00
Vegetables Acreage -----	24,477	8,009,264.00
Animal Industry -----		14,537,629.00
Seed Acreage -----		176,000.00
Nursery Stock -----		825,000.00
Agricultural Conservation Payments -----		285,290.00
Sugar Beet Payments -----		136,304.00
TOTAL	125,516	\$61,061,172.00

The 1944 gross returns show an increase of \$14,726,664.00 or about 32%. The bumper crop of apricots was the outstanding single commodity increase.

VEGETABLES

CROP	ACRES	AV. YIELD PER ACRE	TOTAL PRODUCTION	UNIT VALUE	GROSS VALUE TO PRODUCERS
Anise	100	325 Crates	32,500 Crates	2.75	\$ 89,375.00
Beans, snap	765	7.2 Tons	5,508 Tons	105.00	578,340.00
Beans, green shipped	200	4 Tons	800 Tons	120.00	96,000.00
Beans, Limas	1,280	3/4 Tons	960 Tons	145.00	139,200.00
Beets, Sugar	3,908	15.41 Tons	60,209 Tons	13.00	782,717.00
Broccoli	2,000	140 Crates	280,000 Crates	3.50	980,000.00
Carrots	350	20 Tons	7,000 Tons	25.00	175,000.00
Cauliflower	1,250	300 Crates	375,000 Crates	1.65	618,750.00
Celery	468	725 Crates	346,200 Crates	2.40	830,880.00
Corn, Sweet	200	110 Crates	22,000 Crates	1.75	38,500.00
Cucumbers	700	7 Tons	4,900 Tons	45.00	220,500.00
Garlic	395	70 Sacks	2,765,000 #	17¢ per #	470,050.00
Lettuce	80	200 Crates	16,000 Crates	2.75	42,000.00
Onions	57	295 Sacks	1,247,500 #	3¢ per #	37,425.00
Peas, Fall and Spring	1,500	200 Crates	300,000 Crates	2.80	860,000.00
Peppers, Bell	500	350 Crates	175,000 Crates	3.25	568,750.00
Potatoes	75	150 Sacks	11,250 Sacks	2.25	25,312.00
Spinach	1,145	3 Tons	3,435 Tons	24.00	82,440.00
Tomatoes	9,354	6 1/2 Tons	60,801 Tons	25.00	1,520,025.00
Other Misc. Vegetables (Squash & etc.)	150	6 Tons	900 Tons	60.00	54,000.00
	<u>24,477</u>			TOTAL	<u>\$8,009,864.00</u>

CROP	BEARING ACREAGE	PRODUCTION	NOTES	UNIT VALUE	TOTAL VALUE
Almonds	225	50 Tons		\$650.00 per ton	\$ 32,500.00
Apples	294	184,000 Boxes		2.25 " box	414,000.00
Apricots	18,672	85,500 Tons	(47,000 tons green)	97.50 " ton	4,582,500.00
			(7,000 " dried)	640.00 " "	4,480,000.00
Cherries	2,593	9,826 "	(2,498 tons canned)	280.00 " "	9,067,500 699,440.00
			(7,328 " shipped)	300.00 " "	2,198,400.00
Citrus	40	25 "	(Juice 25 tons)	100.00 " "	2,500.00
Chestnuts	109	1 3/4 "		200.00 " "	350.00
Figs	280	48 "		165.00 " "	7,920.00
Grapes	7,488	18,700 "		115.00 " "	2,150,500.00
Olives	46	63 "		200.00 " "	12,600.00
Peaches	640	2,880 "		95.00 " "	273,600.00
Pears	6,432	30,000 "	Bartletts	80.00 " "	2,400,000.00
		10,000 "	Hardy	85.00 " "	850,000.00
		15,000 "	Shippers	117.50 " "	1,762,500.00
		90 "	Dried	330.00 " "	29,700.00
Persimmons	20	3,200 Boxes		2.00 " box	6,400.00
Plums	130	350 Tons		160.00 " ton	56,000.00
Prunes	56,115	158,000 "	71,400 tons dried	215.00 " "	15,351,000.00
Prickly Pears	18	185 "		215.00 " "	39,775.00
Walnuts	7,687	3,000 "		500.00 " "	1,500,000.00
<u>SMALL FRUITS:</u>					
Strawberries	50	35,000 Crates		1.80 Crate	63,000.00
Bush Fruits	200	100,000 "		1.80 "	180,000.00
	<u>101,039</u>			Total	<u>\$37,092,685.00</u>

ANIMAL INDUSTRIES ⁹

Milk	26,000 Head	Butter-fat	5,060,944 lbs. @ \$1.06-	\$5,327,856.00
Beef Cattle	22,000 "	\$120.00 Each		2,640,000.00
Cows	8,400 "	110.00 "		924,000.00
Calves	4,500 "	35.00 "		157,500.00
Heifers	1,500 "	80.00 "		120,000.00
Hogs	500 "	31.50 "		15,750.00
Horses	450 "	150.00 "		67,500.00
Sheep	600 "	11.50 "		6,900.00
Animal Manure	80,000 Yards	0.75¢ yard		<u>60,000.00</u>
				\$9,319,506.00

HAY AND GRAIN ⁶

Alfalfa	8,500 Acres	51,000 Tons	\$23.00 Per Ton	\$1,173,000.00
Barley	1,200 "	21,600 Sacks	2.35 Per Hundred	55,836.00
Grain Hay	3,700 "	6,600 "	28.00 Per Ton	184,800.00
Volunteer Hay	5,500 "	8,000 "	23.00 " "	184,000.00
Wheat	375 "	5,400 "	2.60 Per Hundred	14,040.00
Flax	400 "		40.00 Per Acre	<u>16,000.00</u>
				\$1,627,676.00

1967

POULTRY ³

Laying Hens	425,000	142,000 Cases Eggs @ \$13.20	Per Case	1,874,400.00
Heavy Meat Birds	550,250# Av. Wt. 3#	1,650,750 Lbs.	@ .29 lb.	478,717.50
Leghorn Broilers	265,000# " " 1 1/2#	397,500 "	@ .30 "	119,250.00
Turkeys	80,500# " " 18#	1,449,000 "	@ .42 "	608,580.00
Turkey Eggs	200,000		@ .35 Each	70,000.00
Turkey Poults	86,000		@ .75 "	64,500.00
Baby Chicks	2,500,000		@ .15 "	<u>375,447.00</u>
				\$3,590,447.00

TOTAL \$14,537,629.00

SEED AND NURSERY STOCKS ¹²³

Seed Crops	1,100 Acres	190,000 Lbs.	\$ 175,000.00
Nursery Stocks, Ornamentals, and Fruit Trees			<u>825,000.00</u>
		TOTAL	\$1,000,000.00

UNITED STATES GOVERNMENT PAYMENTS
TO GROWERS ^{4f}

Agricultural Conservation Payments		\$ 285,290.00
Sugar Beet Payments		<u>136,304.64</u>
	TOTAL	\$ 421,594.64

A SURVEY OF DAMAGING TEMPERATURES TO APRICOTS IN THE
SANTA CLARA VALLEY DURING SPRING SEASONS, 1922 TO 1945.

In the annual report for 1944, an outline was given of temperatures which had been endured for 30 minutes by apricots in various stages of development, without apparent damage, together with brief notes on injury that had occurred when the temperature dropped below a critical point. Much interest has been shown in this survey and it is repeated below:

FRUIT STAGES	Temperatures endured for 30 minutes without apparent damage.	NOTES ON FROST DAMAGE
1. Buds closed but showing color	-----	No experience.
2. Full bloom	28	Thinned by 27° or lower.
3. Petals just dropped	30	Thinned by 29° for $\frac{1}{2}$ hour or more.
4. Ready to drop "jacket"	30	In some cases damaged by 30° for $1\frac{1}{2}$ hours; in some cases uninjured at 29° for $\frac{1}{2}$ hour.
5. "Jacket" dropped but pit not hard.	31	Several cases of slight injury at 31° for 1 hour or more. In some cases part of fruit damaged and caused to drop by 30 $\frac{1}{2}$ ° for $\frac{1}{2}$ hour. Some cases of 29° for $\frac{1}{2}$ hour caused no apparent injury.
6. Over $\frac{1}{2}$ inch in diameter and pit hard.	30 $\frac{1}{2}$	In 1928 not injured by 31° for $1\frac{1}{2}$ hours. No apparent injury caused by 29° for $\frac{1}{2}$ hour on one occasion, below 30° for two hours on another.

In stages 4 and 6 part of the crop has survived 28° continued for $\frac{1}{2}$ hour or more. Stage 5 is most easily damaged and some growers prefer to fire at 32°. There are so many factors which influence the degree of frost damage that it is often impossible to state the exact temperature at which damage will occur. Using this table as a guide, some oil will no doubt be used unnecessarily. However, if temperatures are maintained in accordance with the table, frost damage to apricots should never occur.

Other conditions being equal, greater damage has been noted on weak, undernourished trees than on vigorous, healthy trees. Frost damage in young trees is also frequently noted to be greater than in mature orchards because the fruit grows nearer to the ground where lower temperatures occur, and the fruit is not so well shielded by overhanging foliage.

The above temperature data were obtained by regulation thermometers in standard fruit-region shelters.

SANTA CLARA COUNTY TONNAGE

YEAR	FRESH APRICOTS	\$	DRIED PRUNES
1953	81,000 Tons	9,715,800.-	82,000 Tons -16,810,000.-
1952	55,600 "	6,534,400	53,000 " * 12,190,000.-
1951	63,500 "	7,367,000	82,900 " 12,849,500.
1950	77,430 "	7,308,160	68,000 " 16,456,000
1949	55,000 "	4,194,000	70,000 " 11,200,000.-
1948	70,000 "	5,664,010.-	85,450 " 11,535,710.-
1947	55,000 "	4,767,800.-	89,000 " 12,460,000
1946	86,000 "	9,497,000.-	85,000 " 21,675,000
1945	59,100 52,128 "	6,599,120	95,000 " 15,525,000.-
1944	85,500 "	9,662,500	71,400 " 15,357,000
1943	16,250 "	1,995,000	76,600 " 14,038,331.
1942	63,420 "	3,162,500	73,212 " 10,615,740.
1941	57,500 "	3,162,500	77,240 " 6,199,700.
1940	22,500 "	1,295,000	75,000 " 4,500,000