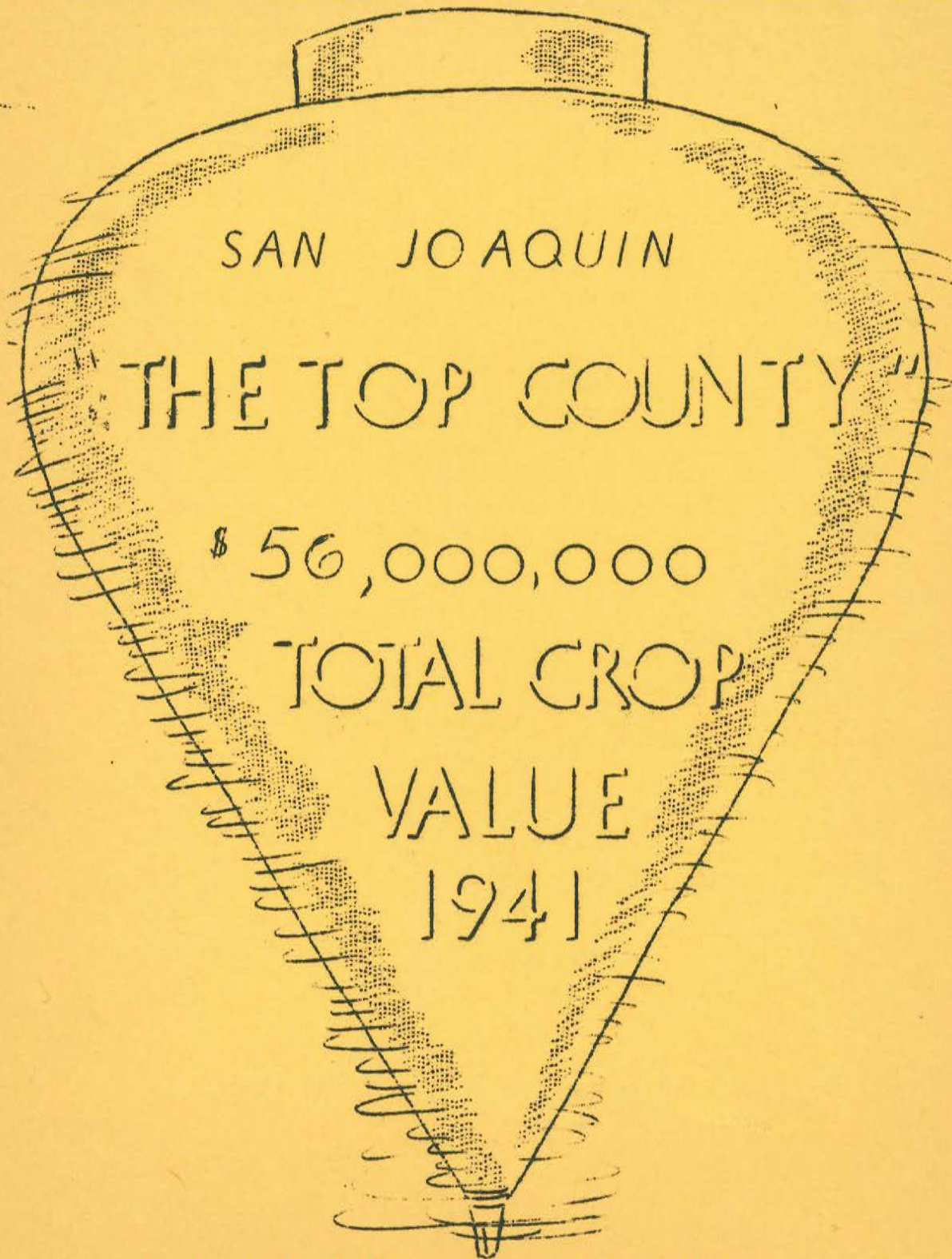


# AGRICULTURAL CROP REPORT



SAN JOAQUIN

THE TOP COUNTY

\$ 56,000,000

TOTAL CROP

VALUE

1941

SAN JOAQUIN COUNTY  
DEPARTMENT OF AGRICULTURE

AGRICULTURAL CROP REPORT

SAN JOAQUIN COUNTY

YEAR 1941

This report is a compilation of the condition, acreage, production and value of the crops in San Joaquin County for the year 1941.

The complete published report of the Departmental activities has been discontinued as a conservative measure in line with the "National Defense Policy."

The Department maintains on file a record of its activities and will gladly furnish information on them to any interested person.

A. E. Mahoney

AGRICULTURAL COMMISSIONER



## CROP SUMMARY FOR SAN JOAQUIN COUNTY

YEAR 1941

This past season is characterized as one of abundant rainfall in the winter and spring months, a cool summer and dry early fall followed by intermittent rains and a killing frost in the late fall.

Continuous rainy weather during the winter and spring months seriously effected the planting program of farmers. Although no serious floods occurred, the soil remained in a saturated condition for a large part of the time, preventing farmers from getting onto the land to plant their crops. Crops which were planted previous to the rain or between storms suffered from this excess moisture condition. Grain crops were seriously injured and some orchard crops suffered from moist weather diseases and lack of pollination.

Many farmers were not able to plant their crops. Grain acreage was very much reduced and other crops planted in the winter or early spring were reduced in acreage.

During the late spring and early summer cool moist weather increased the amount of plant disease in crops and reduced the quality and yield.

Cool weather immediately followed by high temperatures caused a great deal of sunburn and dropping of blossoms on certain crops.

The early fall weather was favorable for crops and harvest during this period was ideal. However, during the late fall intermittent rains severely interfered with crop harvest and considerable damage to mature crops was caused.

The following is a report covering a general summary of the important crops in San Joaquin County.

### FRUIT AND NUT CROPS

ALMONDS The crop was 35 percent of normal. Blight, brown rot and lack of pollination caused by rains during the blossoming period accounted largely for this short crop. A wider spread than normal in the blooming period of Nonpareil and Texas varieties also effected the interpollination.

APRICOTS Brown rot and twig blight caused a reduction in the crop. Sour sap was not much in evidence as our orchards are on well drained land.

CHERRIES Growers had an excellent season. The quality on the early varieties was reduced by brown rot, but the later varieties were of the finest quality ever harvested from this section. The cool weather without rains resulted in exceptionally large sizes. Production for the county was the largest of record on both shipping and processing cherries.



CHESTNUTS San Joaquin County grown chestnuts were very much in demand this year due to a shut off of imported chestnuts. Increased tonnage was harvested this year possibly due largely to the harvesting and marketing of all the crop. Many crops on single trees or small plantings which generally are not harvested were gathered this year, farmers being attracted by the good prices offered for chestnuts.

GRAPES, TABLE Orderly marketing through the operation of the Tokay Marketing Agreement resulted in a heavier movement of Tokay grapes for fresh consumption than had earlier been anticipated. Grape mildew and sunburn were very severe in some vineyards and it was expected that this would considerably reduce the amount shipped. This was true on individual vineyards, but for the district it had a limited effect.

GRAPES, WINE There was a normal crop of wine grapes with a considerable amount of mildew present in susceptible varieties. Movement to the wineries progressed normally. Movement for fresh shipment was more or less unsteady because of the uncertainty of market conditions.

OLIVES This crop is very much in demand because of the cutting off of importations. The crop in San Joaquin County was below normal and a high percentage of the crop went for by-products purposes due to the lowered quality caused by difficulty in securing labor for harvest at the proper time.

PEACHES, CLINGSTONE The crop was normal and growers had a very successful season.

PEACHES, FREESTONE Early varieties had a very short crop caused by a dropping of the buds during the dormant season. Later varieties had a good crop. Many of the freestone peaches which normally go for fresh consumption were purchased by the canners.

PLUMS Total shipments were slightly less than the previous year. Yields were normal except on some of the early varieties.

WALNUTS Although blight and worms caused a large reduction over earlier prospects, the total production for the county was normal.

#### FIELD CROPS

ALFALFA Total production was below normal and caused a sharp increase in the price of hay at the close of the year. Less acreage was planted this year due to the wet weather and many stands suffered from too much rainfall. Quality of the first and last cuttings was poor caused by rain damage.

BEANS Yields were below normal and quality was reduced by rain. Baby Lima beans were severely hit by adverse conditions. High temperatures in July caused a drop of the first setting of blossom which delayed maturing of the crop and cut down on the yields.



High winds following cutting shattered many beans in the field. Late fields were hit by rains and the heavy foliage on vines would not dry and many beans were lost. Other varieties of beans were also injured by rain, winds and other adverse conditions, but not as severely as Baby Limas.

CORN, FIELD Corn yields were about normal although there was considerable rat damage to germinating corn and to mature ears. Harvest was very much delayed due to a scarcity of labor and considerable acreage was unharvested by the first of the year.

GRAIN SORGHUM Yields were normal. Some acreage remained unharvested on the first of the year.

GRAIN Acreage and yields were very much reduced. As stated previously, many farmers were unable to get their crops planted and those crops which were planted suffered from too much rainfall.

PASTURE Feed conditions were the finest in years. Ranges did not start to dry until after the first of May. However, the feed did not have the nourishment for fattening lambs and there was a higher percentage of feeder lambs than earlier expected.

POTATOES Acreage is less than it has been for many years. In fact for a period following the first World War the potato acreage was around 25,000 acres each year. It has gradually been decreasing until this year we have less than 8,000 acres.

RICE Growers have had more than their share of troubles. Growing and seeding conditions were poor this spring and the crop was late. Some growers attempted to advance their harvest date by windrowing, but rains delayed harvest and stained rice in the windrow. Incessant rains have interfered with harvest operations and considerable rice remains unharvested as of the first of the year.

SUGAR BEETS The acreage is much reduced over last year. Considerable difficulty was experienced getting the crop planted due to rain, and some fields were replanted due to wind and rain damage. The harvest season was late and sugar content low.

SUNFLOWERS The quality was better this year than last when worms caused a great deal of damage.

SWEET POTATOES The yields were normal. The quality was not as good as it generally is due to rough potatoes.

#### VEGETABLE CROPS

ASPARAGUS Growers had a favorable year. Harvest operations started early but progressed slowly during the wet weather. Movement to the canneries except for one interruption caused by a strike, progressed steadily under a marketing agreement.



CELERY This was the first good season growers and shippers have had for many years. The quality was good except for some frost damage, and prices were exceptionally good.

MELONS Watermelon growers had another poor year as far as prices were concerned. Some attempt was made to form an association of growers, but growers were unable to hang together. Poor prices were due to the cool weather which delayed our harvest date and prolonged the season for Kingsburg melons which compete with ours. Also, cool weather this summer lowered the market demand.

ONIONS Yields were low due to mildew and pink root. The acreage also was low. Prices were exceptionally good.

PEAS Yields were poor although prices were good. Plants on soil not having good drainage were runty and small and some fields were attacked by downy mildew which lowered the quality.

SPINACH Under normal weather conditions there would have been around 2000 acres of spinach. However, there was only a small percentage of this acreage. Some planted fields were so weedy and the stands so poor they were disced under.

TOMATOES The acreage and yields were above normal. Cannery held back in contracting acreage until spring when the government asked for an increase in production for lease-lend purposes. Growing and harvesting weather was good. Some fields were very late in maturing, but managed to get harvested before the rains and frosts hit.

#### THE TREND OF PERMANENT CROPS

#### SAN JOAQUIN COUNTY - YEAR 1941

It has been the practice of this office to record new plantings and removals each year by observations made in the field and from records of the movement of nursery stock. The last farm to farm survey was made in the year 1936, and in order to keep our records as nearly correct as possible, a recheck of permanent plantings was made in the year 1941 and the necessary changes were made to bring our figures up to date. The 1936 figures of crop acreages are shown so that a comparison can be made to show exactly the trend of permanent crops.

Outstanding in the past five years has been the increase of producing almond and walnut acreages and the decrease of producing wine grape, pear, plum and prune acreages. Distinct increases are shown in the nonbearing acreage of almonds, apricots, Tokay grapes and cling peaches and decreases in cherries, chestnuts, miscellaneous table grapes and freestone peaches.



## TREND OF PERMANENT CROPS (Continued)

	REMOVALS 1941	NEW PLANTINGS 1941	NONBEARING ACREAGE 1941	NONBEARING ACREAGE 1936	BEARING ACREAGE 1941	BEARING ACREAGE 1936
Almonds	67	540	2,750	994	4,354	3,667
Apricots	93	89	389	73	1,572	1,794
Cherries	73	41	139	226	4,113	4,434
Chestnuts	30		10	76	164	224
Figs				2	520	538
Filberts				6	6	
Grapes, Thompson Seedless	25		10	88	752	700
Grapes, Tokay	36	573	795	404	17,198	17,338
Grapes, Other Table and Raisin	102		5	47	1,600	1,926
Grapes, Wine	491	456	908	1,182	31,707	33,932
Nectarines	8	15	80	35	129	114
Olives			1		350	365
Peaches, Cling	235	655	1,931	577	3,205	3,483
Peaches, Free	102	79	587	1,397	2,922	2,853
Pears	103		21	12	127	603
Persimmons			2	2	13	7
Pomegranates					5	5
Plums	18	14	52	44	1,287	1,729
Prunes	112		10	32	880	1,403
Quinces			3	3	5	5
Walnuts, English	123	203	615	682	9,197	8,494
Walnuts, Black	66	25	265	226	474	569

FRUIT AND NUT CROPS  
SAN JOAQUIN COUNTY - 1941

CROP	BEARING		PRODUCTION		F.O.B VALUE	
	ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds	4,354	.15	653	Ton	\$650.00	\$ 424,450
Apples	33	150.00	4,950	Box	.75	3,713
Apricots (Dried)	1,572	.13	204	Ton	260.00	53,040
(Canning)		2.00	3,144	Ton	47.00	147,768
(Fresh)	4,113	186.00	765,018	15lb. lug	1.35	1,032,774
Cherries (Canned)		.23	946	Ton	165.00	156,090
(Barrelled)		1.17	4,812	Ton	120.00	577,440
Chestnuts	164	1.00	164	Ton	230.00	37,720
(Dried)	520	.25	130	Ton	100.00	13,000
Figs (Fresh)		250.00	130,000	Crate	.50	65,000
(Cannery)		.50	260	Ton	60.00	15,600
Juice (Shipping)	31,707	1.84	58,341	Ton	19.00	1,108,479
Grapes (Wine)		2.58	81,804	Ton	20.00	1,636,080
Tokay (Fresh)	17,198	243.00	4,179,114	28 lb. pkg.	.91	3,802,994
Grapes (Wine)		3.96	68,104	Ton	17.50	1,191,820
All Other (Fresh)	2,385	40.00	95,400	28 lb. pkg.	.91	86,814
Grapes (Wine)		4.00	9,540	Ton	20.00	190,800
Misc'l. Orchards	400			Acre	80.00	32,000
Nectarines	129	125.00	16,125	30 lb. box	.65	10,481
Olives	350	2.5	875	Ton	165.00	144,375
Peaches (Fresh)	2,922	200.00	584,400	20lb. crate	.75	438,300
Free (Cannery)		2.00	5,844	Ton	25.00	146,100
(Dried)		.20	584	Ton	170.00	99,280
Peaches (Cannery)	3,205	8.78	28,140	Ton	50.00	1,407,000
Cling (Dried)		.09	288	Ton	125.00	36,000
Pears	127	5.00	635	Ton	40.00	25,400
Plums	1,287	163.00	209,781	28lb. crate	.94	197,194
Prunes (Fresh)	880	62.00	54,560	28 lb. crate	1.03	56,197
(Dried)		.50	440	Ton	69.00	30,360
Walnuts (English)	9,197	.59	5,426	Ton	240.00	1,302,240
Zante Currants	26	1.42	37	Ton	140.00	5,180
					TOTAL	\$14,473,689



FIELD CROPS  
SAN JOAQUIN COUNTY - 1941

CROP	PRODUCTION			F.O.B.	VALUE	
	ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa Hay	44,756	6.00	268,536	Ton	\$ 14.00	\$3,759,504.
Barley	54,683	15.00	820,245	Cwt.	1.60	1,312,392.
Beans	29,165	12.00	349,980	Cwt.	5.35	1,872,393.
Bean Straw	1,000	.75	750	Ton	6.00	4,500.
Corn	26,418	1.25	33,023	Ton	35.00	1,155,805.
Corn Husks			40	Ton	360.00	14,400.
Grain Sorghum	13,173	20.00	263,460	Cwt.	1.50	395,190.
Hay (Grain)	14,043	1.60	22,469	Ton	11.00	247,159.
Hay (Wild)	33,341	1.40	46,677	Ton	8.00	373,416.
Oats	2,526	9.00	22,734	Cwt.	1.65	37,511.
Pasture, Range	240,000			Acre	1.00	240,000.
Clover	18,211			Acre	25.00	455,275.
Sudan Grass	3,693			Acre	15.00	55,395.
Stubble	130,000			Acre	1.00	130,000.
Potatoes	7,978	225.00	1,795,050	Cwt.	1.25	2,243,813.
Pumpkins	763	15.00	11,445	Ton	4.00	45,780.
Rice	3,086	30.00	92,580	Cwt.	3.00	277,740.
Silage, Corn	2,357	12.00	28,284	Ton	5.00	141,420
Spearmint and Peppermint	887	50.00	44,350	Lbs. oil	2.50	110,875.
Sugar Beets	14,671	17.5	256,742	Ton	7.25	1,861,380.
Sunflower	5,467	11.00	60,137	Cwt.	3.25	195,445.
Sweet Potatoes	2,055	92.00	189,060	50 lb. crate	1.00	189,060.
Wheat	29,101	9.00	261,909	Cwt.	1.75	458,341.
					TOTAL \$15,576,794.	



VEGETABLE CROPS  
SAN JOAQUIN COUNTY - 1941

CROP	PRODUCTION			F.O.B. VALUE		
	ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Asparagus (Fresh) (Cannery)	34,192	31.00	1,059,952	30 lb. crate	\$ 2.00	\$2,119,904.
		.66	22,567	Ton	105.00	2,369,535.
Broccoli	153	150.00	22,950	42 lb. crate	2.00	45,900.
Cantaloupes	254	200.00	50,800	60 lb. crate	.55	27,940.
Carrots	533	300.00	159,900	75 lb. crate	.84	134,316.
Casabas	376	7.00	2,632	Ton	7.50	19,740.
Celery	5,286	232.00	1,226,352	75 lb. crate	1.92	2,354,596.
Corn, Sweet	428	130.00	55,640	65 lb. crate	.78	43,399.
Honeydews	119	8.00	952	Ton	8.00	7,616.
Lettuce	134	130.00	17,420	80 lb. crate	2.00	34,840.
Onions (Early) (Late)	718	300.00	215,400	50 lb.	1.25	269,250.
	731	450.00	328,950	sack	1.00	328,950.
Peas	2,304			Acre	60.00	138,240.
Persians	82	6.00	492	Ton	15.00	7,380.
Spinach	734	3.00	2,202	Ton	17.00	37,434.
Squash	178	6.00	1,068	Ton	11.00	11,748.
Strawberries	166	450.00	74,700	12 basket crate	.83	62,001.
Tomatoes (Pear)	11,727	8.2	96,161	Ton	14.00	1,346,254.
Round (Cannery) (Fresh)	5,482	8.2	44,952	Ton	12.50	561,900.
	500	500.00	250,000	32 lb. lug	.70	175,000.
Truck Garden	2,774			Acre	100.00	277,400.
Watermelons	1,448	8.7	12,598	Ton	7.50	94,485.
					TOTAL	\$10,467,828.



SEED CROPS  
SAN JOAQUIN COUNTY - 1941

CROP	PRODUCTION				F.O.B. VALUE	
	ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Alfalfa	504	325	163,800	lb. \$	.24	\$ 39,312.
Asparagus Roots	433			Acre	200.00	86,600.
Beet	12	500	6,000	lb.	.13	780.
Canadian Field Peas	151	1700	256,700	lb.	.02	5,134.
Canary Grass	138	15	2,070	Cwt.	2.25	4,658.
Carrot	393	300	117,900	lb.	.165	19,454.
Celery Beds	80			Acre	200.00	16,000.
Chard	2	450	900	lb.	.14	126.
Endive	3	430	1,290	lb.	.20	258.
Flax	14	20	280	bu.	1.94	543.
Lettuce	60	500	30,000	lb.	.20	6,000.
Nursery	80			Acre	1000.00	80,000.
Onion	126	200	25,200	lb.	.40	10,080.
Parsley	7	350	2,450	lb.	.14	343.
Parsnip	3	750	2,250	lb.	.12	270.
Pea	200	1000	200,000	lb.	.03	6,000.
Vetch	195	200	39,000	lb.	.04	1,560.
Watermelon	100	275	27,500	lb.	.16	4,400.
					TOTAL	\$283,768.



SAN JOAQUIN COUNTY - 1941

BEEES

Honey	338,000 lbs.	@	.047	\$	15,886.00
Bees Wax	5,450 lbs.	@	.42		2,289.00
Package Bees	800 lbs.	@	1.075		860.00
Queen Bees	6,530 Bees	@	.45		2,938.00
Pollenization	5,050 Colonies	@	.50		<u>2,525.00</u>
				\$	24,498.00

LIVESTOCK

Beef Cattle and Calves		\$	6,000,000.00
Hogs			875,000.00
Sheep and Wool			<u>1,366,000.00</u>
		\$	8,241,000.00

DAIRY PRODUCTS

Milk and Milk Products	\$	5,890,478.00
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POULTRY

Chickens	964,020 lbs.	@	.18	\$	173,524.00
Eggs	3,346,702 doz.	@	.25		836,676.00
Turkeys	2,050,000 lbs.	@	.2175		<u>445,875.00</u>
				\$	1,456,075.00

SUMMARY

Fruit and Nut Crops	\$	14,473,689.00
Field Crops		15,576,794.00
Vegetable Crops		10,467,828.00
Seed Crops		283,768.00
Apiary Products		24,498.00
Livestock		8,241,000.00
Dairy Products		5,890,478.00
Poultry Products		<u>1,456,075.00</u>
	GRAND TOTAL	\$56,414,130.00



