AGRICULTURAL CROP REPORT

\$

COUNTY
OF
SAN JOAQUIN

公

1947

\$

SAN JOAQUIN COUNTY
DEPARTMENT OF AGRICULTURE

Department of Agriculture

AUSTIN E. MAHONEY
AGRICULTURAL COMMISSIONER

1868 EAST HAZELTON AVENUE STOCKTON, CALIFORNIA

POST OFFICE BOX 1809 TELEPHONE 6-6806

TO THE STATE DIRECTOR OF AGRICULTURE AND

THE HONORABLE BOARD OF SUPERVISORS

Section 65.5 of the California Agricultural Code requires that the Agricultural Commissioner compile a report covering conditions, acreage, production and value of the agricultural products of his county. This is the fourteenth annual crop report published by this Department.

Approximately one hundred commercial crops are covered in this report and for your easy reference are segregated as to their commercial use wherever possible.

Acreages of permanent crops are reported in actual bearing acreage only and other crops are reported in actual planted acreage. Production is reported in units commonly used in the marketing of crops commercially in this county. Prices are reported on an F.O.B. basis. Cost of production, harvesting, packing and other handling costs should be deducted to arrive at a true farm value.

As copies of this report are sent to a number of persons in other states, to federal, state and county agencies throughout the United States and to an increasing number of organizations and individuals within the state, the members of this Department have made every effort to make this report as accurate as possible by checking our figures with every known source of reliable information.

I wish to express my sincere appreciation to all who have assisted my inspectors and deputies by furnishing necessary information to them which has made the compilation of this report possible.

Respectfully submitted,

Custin & Makony
AGRICULTURAL COMMISSIONER

1/15/48

CROP SUMMARY SAN JOAQUIN COUNTY YEAR - 1947

Total agricultural value for the year 1947 shows a decided drop from last year. Reduction in farm prices and crop yields was responsible for this drop in total valuation. The only increase in income of our eight classifications of farm commodities occurred in poultry, field crops and seed crops.

Weather conditions during 1947 were not altogether ideal for the development of most crops but no crop suffered any major loss from adverse weather conditions. January was an unusually dry month, and for the State as a whole, it was the driest in 51 years of record. Rains in the latter part of February greatly aided grasses, grains and other non-irrigated crops. The well distributed rains in March and the general absence of drying winds, greatly improved the inadequate moisture supply. The spring was unusually warm and the continued dry weather lowered the yield for many of our non-irrigated orchard, vegetable and field crops.

Light rains in June did little damage, however, it did cause considerable resulfuring of grapes and additional spraying and dusting of orchards. Heavy winds on June 18th, 19th and 20th caused dropping and scarring of fruits and lowered the expected tonnage for some of our fruit and nut crops. July, August and September weather conditions were favorable for the development and maturity of most crops. The first general rain of the season occurred on October 7th and 9th and caused a little damage to unharvested tomatoes, grapes, beans and alfalfa hay. The first killing frost came on November 7th and definitely put a finish to crops subject to freezing temperature. Killing frosts on the 23rd and 24th occurred but they did not do any particular damage. They were in fact, beneficial, as they dropped the leaves of fruit trees and facilitated pruning and spraying operations.

The following is a general summary of the important crops in San Joaquin County:

ALMONDS Crop production was slightly lower than last year. This reduction was probably due to insufficient moisture during the growing season. In many of our non-irrigated and drier orchards there were heavy infestations of red spider and other mites which reduced the crop yield. There was quite a variation in yields between soft and hard shell varieties.

APRICOTS This was the lower alternate year on production for apricots. Processed deliveries dropped approximately 3000 tons over the record year of 1946. Shipping and dried apricots showed increased tonnage. Prices were lower than last year.

CHERRIES The fruit was of average size and good quality, but production and prices were lower than in 1946. The poor set of fruit at blossom time in the Bing and Royal Ann varieties lowered the yield. As in the past, the majority of the cherry crop was purchased and harvested by cash buyers.

CHESTNUTS Prices lower, crop production was normal.

FIGS The poor quality of fruit which necessitated heavy culling, together with the fall rains lowered the expected tonnage for this crop. Prices and yield were lower than last season.

GRAPES, TABLE The 1947 grape harvest finished without much weather damage from either rain or frost. Although there was some unharvested tonnage when rain came, the amount was not great. Tokay shipments were up "721,404 packages while winery deliveries dropped approximately 34,000 tons. Winery prices which dropped about fifty dollars per ton accounted for this variation.

GRAPES, WINE There was a normal crop of wine grapes except in those varieties which are more susceptible to red spider. The yield was slightly lower due to the constant attack from this pest. Movements to wineries were slow this season because of an approximate two-thirds drop in prices offered. Eastern shipments increased but prices were approximately fifty percent lower than last year.

OLIVES The crop in San Joaquin County was below normal and a large percentage of it went for oil. This low yield was caused by the poor set of fruit at blossom time and insufficient moisture during the growing season.

PEACHES, CLINGSTONES Crop production was normal. Earlier indications pointed to a large crop but due to adverse weather conditions the peaches did not properly size and this lowered the expected tonnage. Peach harvest began early and moved rapidly. Nearly all varieties of cling peaches were picked by early September.

PEACHES, FREESTONES Light rain in June which favored the development of brown rot caused some loss in tonnage to early varieties of peaches. Later varieties produced a fine crop. Eastern shipment dropped 75,236 packages due to the poor markets.

PEARS Production was normal and the majority of the crop went for canning.

PLUMS Heavy winds on June 18th, 19th and 20th coupled with early maturity and lack of sizing of the fruit reduced the expected tonnage. Fresh shipment dropped about 200,000 crates with market sales covering rather a wide range of variation in prices.

WALNUTS The crop production was normal, however many growers were disappointed as to the unusually high percentage of dark and shriveled meats. Undoubtedly the hot spell in the first and second week of September and the drought conditions caused this low quality. Blight and red spider infestation caused only nominal damage. The aphid population was very high and many growers were compelled to dust as many as four times to combat this insect. In many orchards worm damage was higher than last season.

FIELD CROPS

ALFALFA The growing of alfalfa hay increased 6,591 acres over the previous year. Production was normal with average quality. There occurred, in the Tracy and Island areas, heavy infestations of alfalfa caterpillar and armyworms and where no control measures were taken the hay was badly riddled by these insects.

BEANS Bean planting increased 3,882 acres over last year. Most of this increase occurred in the Linden district. Yields were not up to average on some varieties. The rainfall in October delayed threshing and caused some damage to the quality of unharvested beans, but little loss in yield resulted.

CORN, FIELD Prices advanced approximately thirty dollars per ton and market demands were strong all season. The quality and yield were normal.

GRAIN SORGHUMS Yields and acreage below normal. Prices up with strong market demands all season.

GRAIN Upland grains produced below normal yields mainly due to lack of sufficient moisture. Island grain produced excellent yields with average quality. The demands for all grains increased as the season progressed with prices advancing with the demands.

HAY The acreage of volunteer and grain hay was lower than the previous year. Yield and quality were below normal due to the seasonal conditions.

MINT This crop is grown for oil and is handled by only one farmer in this county. Yield practically doubled this season due to favorable growing conditions.

PASTURE Feed conditions were only fair this year. As stated previously, lack of sufficient rainfall and the warm spring, caused grasses to start drying up fifteen to twenty days ahead of time. The acreage of irrigated pastures continues to increase in this county.

POTATOES The year 1947 produced the highest yield per acre ever on record. Favorable climatic conditions, better pest control methods, and numerous other reasons accounted for this high yield. Quality and prices were practically the same as last year.

RICE Yield was above normal due to the favorable growing and harvesting conditions.

SUGIR BEETS Weather conditions were favorable for the growing and hervesting of this crop. Yields showed considerable increase with the average sugar content slightly lower than 1946.

SUNFLOWERS Yield, acreage and price were about the same as in 1946.

SWEET POTATOES Planted acreage was similar to last year. Yield and quality were above average. The markets were good throughout the season.

VEGETABLE CROPS

ASPARAGUS There was a decided drop in tonnage of cannery "grass" and total valuation for the season decreased 38% from the previous year. The break in prices and the lack of desire on the part of the canners to process green asparagus together with the preparing of beds for the changeover to white "grass" and the post-war economic changes all contributed to this low tonnage. Market "grass" production increased 33% over last year with good prices prevailing.

CARROTS Yields were normal with acreage less than last year. In the spring market demands were weak, but as the season progressed into the fall prices doubled.

CELERY Celery growers had the advantage of good growing weather and celery matured well. Quality was good prior to the frosts; thereafter much stripping was necessary, cutting the yields considerably. The price fluxuated greatly and closed strong. A few outbreaks of blackheart were quite severe; also celery mosaic in a few fields resulted in poor production. Acreage was well below normal.

MELONS Market conditions were not too strong this year and prices varied throughout the season. Yield and acreage was about the same as last year except for cantaloupes which increased 535 acres.

ONIONS Yields were normal, although some loss occurred in early onions through heavy grading due to poor market demands. After harvest time market prices became stronger and practically doubled by the end of the sesson.

PEAS Competition from other localities in the state coupled with poor markets for the last two years caused a reduction in acreage planted this year.

SPINACH Yield and acreage were lower than last year, weather conditions being unfavorable to the crop.

STRAWBERRIES Planting increased; seventy acres having been planted in the Manteca area which will start bearing heavily in 1948.

TOMATOES The acreage of tomatoes was the largest ever planted in San Joaquin County. Different strains of mosaic prevailed in many fields, however most plants were able to outgrow these conditions. Other tomato diseases were present, but caused only slight losses in most cases. A large outbreak of armyworms occurred in most districts which necessitated extra dustings in many fields. Although October rains caused losses in late fields, the crop this year produced above average yields. Excellent prices prevailed all season for market tomatoes.

FRUIT AND NUT CROPS SAN JOAQUIN COUNTY - 1947

		BEARING		RODUCTION	F.O.B	
CROP		ACREAGE	PER ACRE	TOTAL	UNIT PER UNI	T TOTAL
Almonds		7,264	•50	3,632	Ton \$531.20	\$ 1,929,318.
Apricots	(Shipping (Processed (Dried)		8.46 1.31 .25	15,989 2,476 472	25 lb pkg. 1.40 Ton 58.00 Ton 450.00	143,608.
Cherries Other Cherries	(Shipping)	3,099	2.65 1.72 .51	2,743 5,330 1,580	Ton 240.00 Ton 313.40 Ton 240.00	
Chestnut	S	150	1.21	182	Ton 440.00	80,080.
	hipping) ocessed) (Dried)	510	.18 1.15 .15	92 586 76	Ton 120.00 Ton 105.00 Ton 200.00	61,530.
Juice (Grapes	Shipping) (Wine)	31,937	1.53 2.34	48,864 74,733	Ton 70.00 Ton 27.00	3,420,480. 2,017,791.
	Shipping) (Wine)	18,960		5,554,711 116,225	28 lb gkg. 1.47 Ton 24.00	
All (Other Grapes	Shipping) (Wine)	2,068	31.04 11.51	64,191 23,803	28 lb pkg 1.35 Ton 24.00	
Misc'l.	Orchards	650			Acre 250.00	162,500.
Nectarin	es	185	350.00	64 , 750	281bpkg. 1.10	71,225.
Olives		351	_* 50	1.75	Ton 133.33	23,333.
Peaches Free	(Shipping) (Processed) (Dried)	3 , 135	171.62 2.03 .67	538,030 6,364 2,100	20 lb crete 1.00 Ton 45.00 Ton 200.00	538,030. 286,380. 420,000.
Peaches Cling	(Processed) (Dried)	5,207	9.73	50,664 36	Ton 50.50 Ton 160.00	
Pears	(Shipping) (Processed)	142	.30 4.41	43 626	Ton 70.00 Ton 80.00	
Plums	(Shipping) (Processed)	1,108	101.09 .14	112,109 155	28 lb Chate 2.75 Ton 51.50	
Prunes	(Shipping) (Dried)	714	66.47 .22	47,460 157	28 lb Crete 2.20 Ton 160.00	
Walnuts		9,548	• 66°	6,302	Ton 390.00	2,457,780.
					LATOT	\$29,256,974.

FIELD CROPS SAN JOAQUIN COUNTY - 1947

CROI	The state of the s	ACREAGE	PER ACRE	RODUCTION TOTAL	UNIT	F.O.B PER UNI	
Alfalfa	THE RESIDENCE OF A SECURE ASSESSMENT OF THE PERSON ASSESSMENT ASSESSMENT OF THE PERSON ASSESSMENT ASSESSMENT OF THE PERSON ASSESSMENT OF THE PERSO	54,223	6.00	325,338	Ton	\$23 . 50	\$ 7,645,443.
Barley	·	83,676	14.60	1,221,670	Cwt.	3.05	3,726,094.
Beans, I	ry	14,373	14.46	207,834	Cwt.	12.68	2,635,335.
Bean Str	_	4,700	•75	3,525	Ton	14,50	51,113.
Corn, Gr		11,551	1.00	11,551	Ton	90.00	1,039,590.
Corn Hus		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		90	Ton	600.00	54,000.
Flax See		286	7.25	2,074	Cwt.	11.00	22,814.
Grain Sc		2,811	15.50	43,571	Cwt.	4.15	180,820.
Hay, Gra	_	21,821	1.30	28,367	Ton	22.50	638,258.
Hay, Wil		15,009	1.10	16,510	Ton	21.50	354,965.
Mint		244	40.00		lbs.oil		48,800.
Oats		9,051		85,985	Cwt.	3.30	283,751.
	Range	225,748			Acre	1.50	338,622.
	Clover	44,078			Acre	45.00	1,983,510.
Pasture	Sudan Gra	•			Acre	35.00	77,595.
	Stubble	118,342			Acre	1.25	147,928.
Potatoes		5,539	274.00	1,517,686	Cwt.	2.40	3,642,446.
Pumpkins	Canning	797 90		16,578 2,250	Ton Ton	6.00 3.00	99,468. 6,750.
Rice		4,032	37.50	151,200	Cwt.	5.50	831,600.
Silage,	Corn	1,019	11.50	11,719	Ton	5.80	67,970.
*Sugar Beets		6 , 250	17.20	107,500	Ton	12.34	1,326,550.
Sunflow	ers	1,533		15,146	Cwt.	7.00	106,022.
Sweet P	otatoes	1,672	184.00	307,648	501b Cr	ete 2.75	846,032.
Wheat		16,970	8.10	137,457	Cwt.	3.75	515,464.
*Includes Federal S		•	1		TOT	AL	\$26,670,940.

VEGETABLE CROPS SAN JOAQUIN COUNTY - 1947

CROP	ACREAGE	PER ACRI	PRODUCTION TOTAL	TINU	F.O.B.	VALUE TOTAL
Shipping	oblektik Sambjer – versomble († -) sudjet, e magde fremsjer fre	<u> únama sóm sámern ámerden</u> e h <i>é</i>	1,160,926	representation of the second	- (2-7)	- wheels - w is - manufactured to a substitution of a substitution
Asparagus Processed	43,759	.80	35,007	Ton	141.20	4,942,988.
Beets, Table	20	9.00	180	Ton	36.25	6,525.
Broccoli	12	125.00	1,500	421b crate		5,250 .
Cabbage	71	250.00	17,750	Crate	2.35	41,713.
Cauliflower	32	200.00	6,400	Crate	1.50	9,600.
Carrots	480	12.00	5,760	${ t Ton}$	45.00	259,200.
Celery	4,453	275.00	1,224,575	Crate	2,64	3,232,878.
Corn, Sweet	368	150.00	55,200	Crate	2.10	115,920.
Cucumbers	63	6.00	378	Ton	35 . 00	13,230.
Garlic	16	100.00	1,600	Cwt.	9.00	14,400.
Lettuce	102	275.00	28,050	Crate	1.60	44,880.
Cranshaws Cantaloupes Casabas MelonsHoneydews Persians Watermelons	77 662 453 384 59 1,325	156.00 200.00 8.80 205.00 7.75 12.00	12,012 132,400 3,986 78,720 457 15,900	Crate Ton Crate	1.95 2.20 33.14 1.68 30.00 17.50	23,423. 291,280. 132,096. 132,250. 13,710. 278,250.
Onions (Early) (Late)	2,068 449	478.00 525.00	988,504 235,725		1.00	988,504. 447,878.
Peas (Shipping) (Processed)	869 602	68.00 1.00	59 , 092 602	30 lb Tub Ton	2.25 61.00	132,957. 36,722.
Peppers	60	12.00	720	Ton	40.00	28,800.
Spinach	931	3.25	3,026	Ton	22,50	68,085.
Squash	232	7.00	1,624	Ton	35 , 00	56,840.
Strawberries	73	1060.00	77,380	l2 basket crete	2.45	189,581.
(Shipping Tomatoes (Round) (Pear)) 32,972 1,995	11.64 11.47	467,794 383,794 22,883		2.96 29.00 31.00	1,384,670. 11,130,026. 709,373.
Truck Garden	1,156			Acre	200,00	231,200.
				TOT	AL	\$28,735,239.

SEED CROPS SAN JOAQUIN COUNTY - 1947

CROP	ACREAGE	PER ACRE	ODUCTION TOTAL	UNIT	F.O.B. PER UNIT	
Alfelfa Hay	349	350.00	122,150	lb,	\$.18	\$ 21,987.
Asparagus Roots	473			Acre	275.00	130,075.
Asperagus Seed	56	400.00	22,400	lb.	1.15	25,760.
Beans (Blackeyes) (Certified)	188	15.00	2,820	Cwt.	19.00	53,580.
Beans (Red Kidney) (Certified)	4,987	13.00	64,831	Cwt.	16.00	1,037,296.
Ladino Clover	600	95.00	57,000	lb.	1.65	94,050.
Nursery (Grape Vine	es)					51,800.
Nursery (Others)						176,000.
Nursery (Trees)						186,000.
Onion	56	250.00	14,000	1b.	1.00	14,000.
Potato (Certified)	748	235.00	175,780	Cwt.	3.50	615,230.
Squash	5	200.00	1,000	lb.	• 35	350.
Vetch	150	20.00	3,000	Cwt.	3.00	9,000.
Watermelon	85	319.00	27,115	lb.	•37	10,033.
				ТС	TAT	\$2,425,161.

The acreage of commercially grown vegetable seed was greatly reduced this year. There are numerous reasons for this reduction, mainly over-supply of domestic markets and lack of government contracts. There was an increase in acreage of alfalfa, ladino clover, onions, watermelons and certified red kidney bean seed.

THE TREND OF PERMANENT CROPS IN SAN JOAQUIN COUNTY YEAR - 1947

CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE		NON BEARING ACREAGE	BEARING ACREAGE
ALMONDS Drake I X L Eureka Jordanola Ne Plus Nonpareil Peerless Mission (Texas)	8 17 100 65 701 82 672	584 197 2 464 385 2,889 173 2,417	GRAPES (Table) Concord Emperor Malaga Ribier Tokay Other	5 9 1,497 27	10 255 95 164 18,960 681
Other	2	153	Total	1,538	20,165
Total APPLES (All)	1,647	7,264 36	GRAPES (Wine) Alicante Burger	190 133 966	6,769 574 6,658
APRICOTS Blenheim & Royal Tilton Other	L 50 33	978 902 10	Carignane Golden Chasselas Grenache Mission Petite Sirah Zinfandel Other	158 207 353 19 801 136	545 253 1,446 569 14,366
Total	83	1,890	V V V V V V V V V V		other assess assert a section of the first o
CHERRIES Bing Black Republican Chapman Lambert Royal Ann Tartarian Other	120 n 1 4 4 43 19 24	1,626 99 148 290 1,035 806 130	Total NECTARINES (All) OLIVES (All) PEACHES (Cling) Gaume Halford	12 67 120	31,937 185 351 981 1,063
Total	215	4,134	Palora Peak	106 10	1,385 222
CHESTNUTS (All)	2.	150	Phillips Tuscan Walton	15	7 10 57 97
FIGS (All)	6	510	Other	361	691
FILBERTS (All)		6	Total	679	5,207
GRAPES. (Raisin) Muscat Thompson Seedle ante Currants	6 ss 66	94 755 14	PEACHES (Free) Elberta J. H. Hale Lovell Muir	143 21 4 10	688 336 569 393
Total	72	863	Selway Other	1 158	51 1,098
			Total	337	3,135

	NON EARING CREAGE	BEARING ACREAGE	CROP & VARIETY	NON BEARING ACREAGE	BEARING ACREAGE
PEARS (All)		142	QUINCES (All)		8
PERSIMMONS (All) PLUMS Burbank Climax Duarte Grand Duke Kelsey President Santa Rosa Tragedy Wickson Other	65 14 88 26 26	14 51 7 39 34 110 174 171 299 25 198	WALNUTS Concord Eureka Franquette Mayette Payne Other Total WALNUTS (Black) (including roa	1 60 168 19 155 185 588 430	15 2,203 1,866 682 4,531 251 9,548
Total	219	1,108	side trees)		
PRUNES French Imperial Robe de Sargeant Sugar Other	2	212 53 70 372 7	ASPARAGUS	9,224	43,759
Total	2	714			

For the year 1947 plantings of new orchards showed some change over 1946. There was an increase in the acreage of almonds, cherries, table grapes, juice grapes, cling peaches, freestone peaches and black walnuts. Apricots, raisin grapes, plums, prumes, and walnuts showed a slight decrease.

There are large acreages of almonds, table grapes, juice grapes, cling peaches and English walnuts not yet in production.

THE TREND OF PERMANENT CROPS IN SAN JOAQUIN COUNTY AT FIVE YEAR INTERVALS

BEARING ACREAGE

CROP	YEAR 1930	YEAR 1935	YEAR 1940	YEAR 1945	YEAR 1947
Almonds	2,697	3,613	4,221	6,502	7,264
Apples	36	28	32	36	36
Apricots	1,422	1,732	1,621	1,876	1,890
Asparagus	9,560	15,931	31,499	43,681	43,759
Cherries	1,942	4,417	4,352	4,102	4,134
Chestnuts	60	193	245	182	1,50
Figs	2,088	547	458	510	510
Grapes, Juice	32,600	33,932	33,893	32,400	31,937
Grapes, Raisin	852	702	979	1,003	863
Grapes, Table	2,064	1,707	1,499	1,276	1,205
Grapes, Tokay	17,041	17,255	17,925	18,110	18,960
Nectarines	52	115	126	195	185
Olives	286	318	364	351	351
Peaches, Cling	3,102	3,413	3,273	4,124	5,207
Peaches, Free	2,640	2,802	2,781	3,181	3,135
Pears	837	672	285	141	142
Persimmons	2	7	5	13	14
Plums	2,077	2,426	1,572	1,280	1,108
Prunes	543	655	1,244	822	714
Walnuts	5,284	8,818	9,084	9,229	9,548

SAN JOAQUIN COUNTY

YEAR - 1947

APIARY PRODUCTS

Honey Bees Wax Queen Bees Pollenization			@ .14 @ .43 @ 1.30 @ 1.00	\$ 48,297.00 2,361.00 22,620.00 7,400.00
		-		\$ 80,678.00
		LIVE	STOCK	
Beef cattle and Hogs Sheep and Wool		4		\$ 8,890,505.00 1,439,237.00 2,393,349.00
				\$ 12,723,091.00
		DAIRY P	RODUCTS	
Milk and Milk	Products			\$11,724,433.00
		POU	LTRY	
Eggs 3	,976,416 3,454,836 2,631,400	doz.		\$ 652,217.00 1,831,063.00 925,527.00
				\$ 3,408,807.00
		SUM	MARY	
Fruit and Nut Field Crops Vegetable Crop Seed Crops Apiary Product Livestock Dairy Products Poultry Products	os cs			\$ 29,256,974.00 26,670,940.00 28,735,239.00 2,425,161.00 80,678.00 12,723,091.00 11,724,433.00 3,408,807.00
			GRAND TOTAL	\$115,025,323.00

