

1970



## AGRICULTURAL REPORT

San Joaquin County Department of Agriculture



RICHARD E. DEVOL  
AGRICULTURAL COMMISSIONER

SAN JOAQUIN COUNTY

## Department of Agriculture

1868 EAST HAZELTON AVENUE  
STOCKTON, CALIFORNIA 95201

P. O. BOX 1809 - PHONE 944-2693

LODI OFFICE  
210 N. SACRAMENTO ST.

MANTECA OFFICE  
392 S. MOFFATT BLVD.

TRACY OFFICE  
503 E. 10TH STREET

ESCALON OFFICE  
1540 ROOSEVELT ST.

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

Gentlemen:

In accordance with Section 2279 of the California Agricultural Code, I am pleased to present the thirty-seventh annual report of agricultural production in the County of San Joaquin.

Values are based on the most common method of sale for the individual commodity, except fresh market fruit and vegetables, whose gross value is based on packed price F.O.B. shipping point.

Figures presented in this report do not reflect NET income to farmers but only the GROSS value of agriculture production.

Production costs for the farmer have steadily risen while the value of farm products has not kept up with this trend. Only through increased production from improved farming practices has the farmer been able to survive the "Cost Price Squeeze".

The gross value of agriculture products for 1970 was \$240,279,030, a decrease from the previous year, which was \$249,042,670.

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

Respectfully submitted,

Richard E. DeVol  
Agricultural Commissioner

SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

RICHARD E. DEVOL  
Agricultural Commissioner

1970 ANNUAL CROP REPORT

Compiled by

GEORGE J. STIPE  
and  
KENNETH W. JONES

Deputy Agricultural Commissioners

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LEROY DRAKE



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944-2693

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838-2276

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823-3221

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210 N. Sacramento Street

368-2757

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## TRACY OFFICE

503 E. 10th Street

835-5903

Wilfred A. McDaniel	Deputy Commissioner
Merion W. Duren	Tracy District
Mark G. Huffaker	Tracy District

## SHOP, WEED & RODENT CONTROL

## CLERICAL STAFF

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Elwyn Arnold	Frank Ramalho
Walter A. Beck	Archie J. Shields
Herbert W. Callen	Jerald T. Tarwater
Donald E. Fehling	Elbert Watson
	Merle D. Worthen

Elaine Cambell	Louise Pulliam
Marjorie Peery	Beverly Burdette

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1970 & 1969

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Barley	1970	58,000	1.50	87,000	Ton	\$ 45.00	\$ 3,915,000
	1969	47,100	1.60	75,400		50.25	3,789,000

Excess moisture caused barley to turn yellow in a number of fields in January; however, good growing conditions by the latter part of February stimulated fair growth. Final production was on the low side. In some cases, head development had been stunted by frost damage.

Beans, Dry Total	1970	16,120	17.59	283,550	Cwt.	11.66	3,307,100
	1969	18,300	16.67	305,100		10.34	3,154,800
Blackeye	1970	3,430	17.00	58,300		8.25	481,000
	1969	2,300	15.50	35,600		9.25	329,300
Kidney	1970	7,100	15.50	110,000		17.00	1,870,000
	1969	9,500	14.00	133,000		12.50	1,663,000
Lima	1970	5,240	21.00	110,000		8.00	880,000
	1969	6,200	21.30	132,000		8.50	1,122,000
Others	1970	350	15.00	5,250		14.50	76,100
	1969	300	15.00	4,500		9.00	40,500

Normal development of the bean crop prevailed during the season and thus, the crop was of good quality and high yields. The price was down on blackeye beans. However, the growers of kidney beans enjoyed substantially higher prices. Some late plantings of beans were caught by the prolonged rains in the fall and were harvested with substantial loss or were lost entirely.

Corn	1970	33,000	3.14	103,600	Ton	52.00	5,387,000
	1969	35,300	3.00	105,900		50.50	5,348,000

Planting of corn extended from mid-April to first part of May. With favorable growing conditions, a good crop developed.

Hay, Total	1970	79,440	5.50	437,090	Ton	29.43	12,863,700
	1969	78,850	5.66	446,500		28.80	12,857,400
Alfalfa	1970	61,800	6.33	391,200		30.00	11,736,000
	1969	61,600	6.75	415,800		29.25	12,162,000
Grain	1970	13,800	3.00	41,400		25.00	1,035,000
	1969	10,700	2.25	24,100		23.60	568,800
Wild	1970	1,740	1.66	2,890	Ton	21.00	60,700
	1969	1,350	2.00	2,700		18.00	48,600



FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Production		Total	Unit	Gross Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Hay, cont'd							
Straw	1970	2,100	.75	1,600	Ton	\$ 20.00	\$ 32,000
	1969	5,200	.75	3,900		20.00	78,000

The first cutting of alfalfa was only fair in quality. Some fields suffered extensive damage from weevils. Thereafter, good cuttings prevailed up to the last cutting, which suffered from a high aphid population. The resulting tonnage per acre was reduced slightly; however, the demand was good and the prices were high.

Oats	1970	3,220	1.00	3,220	Ton	52.40	168,700
	1969	2,500	.80	2,000		53.00	106,000

A very good season for oats prevailed this year. The crop was of good quality and high yield. Demand was very good and growers enjoyed excellent prices.

Pasture & Range	1970	340,150			Acre	17.55	5,970,000
Total	1969	350,230				16.97	5,943,500
Irrigated	1970	85,850				55.00	4,722,000
	1969	86,900				55.00	4,780,000
Range	1970	141,400				6.00	848,000
	1969	141,400				5.00	707,000
Sudan	1970	1,300				50.00	65,000
	1969	1,930				50.00	96,500
Stubble	1970	111,600				3.00	335,000
	1969	120,000				3.00	360,000

The abundance of moisture and mild temperature in January stimulated good growth on pasture and rangeland. Favorable conditions continued to mid-April, when range grass started to turn brown because of the absence of rainfall. By the first part of April, permanent pastures were being irrigated.

Rice	1970	7,050	2.85	20,100	Ton	98.00	1,970,000
	1969	7,900	2.70	21,300		100.00	2,130,000

By mid-April, growers started their flooding and seeding operation of rice fields. Favorable growing conditions prevailed during the summer. With the excellent harvest conditions, resulting yields were higher for the season. There was a decline in the county acreage for rice.

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Safflower	1970	4,420	1.33	5,880	Ton	\$ 85.50	\$ 502,700
	1969	6,200	1.30	8,100		80.00	648,000

This year the safflower crop developed normally, maturing in August and it was harvested in September. There was a twenty-eight percent drop in county acreage from the previous year.

Silage, Corn	1970	15,200	22.75	345,800	Ton	7.25	2,507,000
	1969	12,900	22.00	284,000		7.75	2,201,000

Once more the silage corn took a significant jump in acreage. In the seedling stage a number of fields suffered cut-worm damage. With favorable growing conditions, a good crop was harvested. There was a fair-to-good demand for this crop.

Sorghum, Grain	1970	36,000	2.50	90,000	Ton	47.00	4,230,000
	1969	20,400	2.66	54,300		46.00	2,498,000

Growers were actively planting by mid-April. Favorable growing conditions prevailed during the season; however, green-bug infestations were very heavy during the month of July, requiring control measures. When the fall rains started, many fields had not been harvested. With persistent wet conditions, the remaining sorghum harvested had a very high moisture content. A few late plantings failed to mature.

Sugar Beets	1970	25,400	28.50	723,900	Ton	14.40	10,424,000
	1969	27,180	23.30	633,000		13.27	8,400,000

Many fields of beets were overwintered. By the latter part of March favorable weather conditions permitted some growers to harvest their crop. The crop had a very high sugar content. A labor strike at cane sugar processing plants stimulated higher prices for California beet sugar.

Sunflowers	1970	3,821	.95	3,650	Ton	150.00	547,500
	1969	7,600	.85	6,460		180.00	1,163,000

The sunflower crop for San Joaquin County had a dramatic drop in acreage of nearly fifty percent. The crop developed normally, resulting in good production; however, the price per ton sagged under the previous year.

Wheat	1970	8,580	2.00	17,200	Ton	46.50	799,800
	1969	7,800	2.20	17,200		46.00	791,200

Yields of wheat varied from fair to good. The fields that were irrigated had the best results. There was only a slight improvement in price.

TOTAL	1970	630,401				\$ 52,592,500	
	1969	622,260				\$ 49,029,900	

# FEED GRAIN PROGRAM

Crop	Year	Acreage		Value
	1970			
Corn		2,645	Planted..price support	\$ 95,115
		992	Diverted..payment	34,012
Grain Sorghum		424	Planted..price support	10,392
		412	Diverted..payment	1,859
Barley		677	Planted..price support	7,519
		1,279	Diverted..payment	8,767
Wheat		1,650	Planted..price support	148,916
		1,655	Diverted..payment	20,807
Crop Land Adjustment		368		4,370
Land Under Soil Bank		---		-----
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		10,102		\$ 331,757
	1969			
Corn		2,919	Planted..price support	99,932
		1,328	Diverted..payment	44,750
Grain Sorghum		629	Planted..price support	17,634
		745	Diverted..payment	31,772
Barley		1,828	Planted..price support	23,775
		2,903	Diverted..payment	33,336
Wheat		1,982	Planted..price support	174,090
		1,168	Diverted..payment	40,186
Crop Land Adjustment		368		5,212
Land Under Soil Bank		91		963
		<hr/>		<hr/>
TOTAL		13,961		\$ 471,650



VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Asparagus	1970	26,245	1.63	42,820	Ton	\$377.25	\$16,154,000
Total	1969	28,700	1.55	44,500		357.44	15,906,000
Fresh	1970		.68	17,850		400.00	7,140,000
	1969		.52	14,900		400.00	5,960,000
Processing	1970		.95	24,970		361.00	9,014,000
	1969		1.03	29,600		336.00	9,946,000

By mid-February, cutting of asparagus started at a low volume. The volume continued to be low until nearly mid-March due to cold nights. Some slime problems appeared at this time due to excess moisture. Around the first of April, the harvest of asparagus was in full swing. At this time the price of fresh-packed asparagus tumbled, resulting in heavy diversion to processors.

Beans, Green	1970	1,680	1.63	2,730	Ton	105.50	288,000
	1969	3,246	2.10	6,820		100.25	683,700

The acreage for both the snap bean and the green lima bean declined extensively this season. Also, yields were much lower, with prices only slightly improved.

Cabbage	1970	18	6.28	113	Ton	80.00	9,000
	1969	47	6.25	294		80.00	23,500
Carrots	1970	770	21.66	16,700		73.40	1,126,000
	1969	540	18.00	9,700		85.00	824,500

This crop developed normally during the season. Production was good, but prices were low.

Cauliflower	1970	400	3.66	1,464	Ton	180.00	263,520
	1969	300	4.50	1,350		180.00	243,000

There was an increase in the cauliflower acreage, but yields were down. Some fields had trouble with aphid stain, which lowered the quality.

Corn, Sweet	1970	125	200.00	25,000	46#)	2.75	68,750
	1969	130	250.00	32,500	pkg)	2.50	81,300

This year corn earworm was heavy in some fields. Production was lower this year, but prices improved over the previous year.

Cucumbers*	1970	1,500	13.20	19,800	Ton	73.70	1,460,000
	1969	1,310	11.60	15,200		80.10	1,218,000

The harvest of cucumbers started around the first of July. With favorable harvest conditions, good yields were enjoyed by growers. However, the price per ton to growers was lower this year.

\* Data supplied by California Crop & Livestock Reporting Service

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value	
						Per Unit	Total
Lettuce, Head	1970	440	600.00	264,000	43#)	\$ 2.25	\$ 594,000
	1969	400	600.00	240,000	pkg)	2.25	540,000

The lettuce crop was of excellent quality and good production. There were virtually no problems with worms. Again, monetary returns to growers were very low this season.

Melons, Total	1970	2,609	13.20	34,430	Ton	40.96	1,410,100
	1969	2,799	10.89	30,493		43.29	1,320,000
Cantaloupe	1970	63	4.00	250		110.00	27,500
	1969	52	4.10	213		98.40	20,900
Casaba	1970	495	15.60	7,720		28.50	220,000
	1969	700	12.60	8,820		31.00	273,400
Cranshaw	1970	230	7.65	1,760		102.00	179,800
	1969	56	7.00	390		121.00	47,200
Watermelon	1970	1,530	14.60	22,300		32.50	724,800
	1969	1,670	10.60	17,700		41.00	725,700
Honeydew	1970	291	8.25	2,400		100.00	240,000
	1969	321	10.50	3,370		75.00	252,800

This season the melon crop was characterized by good yields and good quality. Prices on watermelons were fairly good, but substantially under last year.

Onions, Dry Total	1970	2,070	800.00	1,656,000	50#)	1.31	2,164,000
	1969	1,970	788.58	1,553,500	Sack)	1.70	2,634,300
Early	1970	1,770	835.00	1,478,000		1.30	1,921,000
	1969	1,520	800.00	1,216,000		1.75	2,128,000
Late	1970	300	600.00	180,000		1.35	243,000
	1969	450	750.00	337,500		1.50	506,300

With favorable growing conditions growers produced good crops. Unfortunately, prices were very low. In some cases growers did not complete their harvest and disked under a portion of their crop.

Peas	1970	1,535	2.00	3,070	Ton	70.00	214,900
	1969	540	1.50	810		87.25	70,700

There was a good crop of peas; pods were well filled out. The crop matured earlier this year and was harvested during the first half of May. The acreage nearly tripled, but prices per ton dropped substantially under last year.



VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Peppers	1970	880	10.00	8,800	Ton	\$ 101.00	\$ 888,800
	1969	925	10.00	9,250		90.20	834,000

The pepper crop developed normally without any particular problems. Most of the crop goes to the processors.

Potatoes	1970	1,865	320.00	596,800	Cwt.	3.00	1,790,400
	1969	3,600	320.00	1,152,000		2.50	2,880,000

Growers had a successful season with potatoes. There was a good crop and the demand was good, keeping up the price.

Pumpkins, Total	1970	962	16.73	16,090	Ton	17.91	288,200
	1969	1,052				xx	310,900
Cannery	1970	385	22.00	8,470		11.00	93,200
	1969	525	21.00	11,000		11.00	121,000
Halloween	1970	577	13.20	7,620		25.60	195,000
	1969	527	12.00	6,330		30.00	189,900

The pumpkin crop turned out good yields. There were some problems with mites and squash bugs during the season. The price on both halloween and cannery pumpkins was low. In some cases the demand was so low that the growers did not harvest all of their crop.

Squash	1970	435	15.70	6,830		25.60	174,800
	1969	355	15.00	5,330		33.00	175,900
Sweet Potatoes	1970	120	200.00	24,000	40#)	4.00	96,000
	1969	265	180.00	47,700	ctn)	2.80	133,600

The county acreage reached an all-time low this year. However, the small acreage did have good yields with good prices.

Tomatoes, Total	1970	32,500	20.46	665,100	Ton	33.09	22,005,000
	1969	37,460	18.75	702,500		35.93	25,238,000
Shipping	1970	6,690	7.20	48,200		134.00	6,459,000
	1969	5,280	7.50	39,600		182.00	7,207,000
Processing*	1970	25,810	23.90	616,900		25.20	15,546,000
	1969	32,180	20.60	662,900		27.20	18,031,000

Once more the county tomato acreage declined. Low prices have discouraged growers from planting this crop. This year even lower returns were experienced, both on processing and shipping tomatoes. Both yield and quality were good this season, enhanced by the excellent harvesting conditions.

\* Acreage and production supplied by California Crop & Livestock Reporting Service



VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Beets & Spinach	1970	100				\$	41,100
	1969	170					81,250
Truck Garden	1970	2,650					2,253,000
	1969	2,500					2,000,000
TOTAL	1970	76,904				\$	51,289,570
	1969	86,309					55,198,650

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Almonds	1970	20,012	1.10	22,000	Ton	\$ 640.00	\$14,080,000
	1969	18,155	1.20	21,800		600.00	13,100,000
Almond Hulls	1970			12,000		10.00	120,000
	1969			12,000		10.00	120,000

Favorable weather during the blooming period of almonds resulted in a good set of nuts. Optimum growing conditions prevailed during the year with excellent weather during most of the harvest time. Although production was slightly under the previous year, growers enjoyed a good season and increased prices.

Apricots*	1970	3,223	7.00	22,600	Ton	68.50	1,548,000
	1969	2,992	8.90	26,600		120.00	3,192,000

At the beginning of the season a light setting of fruit suggested a reduced yield. Due to the low demand for fruit without contracts, some of the fruit was not picked. Although yields were fair, growers had one of their worst years with the exceptionally low processor prices.

Cherries, Total	1970	8,085	2.30	18,600	Ton	634.19	11,796,000
	1969	7,474	2.72	20,300		561.08	11,390,000
Fresh Market	1970			14,100		760.00	10,716,000
	1969			13,600		670.00	9,112,000
Processing*	1970			4,500		240.00	1,080,000
	1969			6,700		340.00	2,278,000

Due to favorable growing condition, a cherry crop of good quality developed with a minimum of defects. Although fruit size was on the small side, growers enjoyed one of their best seasons from the fresh market price for cherries.

\* Production figures supplied by California Crop & Livestock Reporting Service

FRUIT AND NUT CROPS: PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
GRAPES, ALL	1970	43,819	3.42	149,902	Ton	\$ 137.11	\$20,553,500
TOTAL	1969	43,455	8.69	377,665		71.40	26,956,900
Table, All	1970	21,708	2.98	64,702		110.38	7,141,500
Total	1969	21,678	10.89	236,165		62.33	14,720,000
Tokay, Total*	1970	20,899	2.97	62,092		111.87	6,946,000
	1969	20,875	11.00	229,723		62.45	14,347,000
Fresh	1970			899,400	26#)	3.80	3,418,000
	1969			1,936,400	pkg)	2.55	4,938,000
Crushed	1970			50,400	Ton	70.00	3,528,000
	1969			204,550		46.00	9,409,000
Other Table,	1970	809	3.23	2,610		74.90	195,500
Total	1969	803	8.00	6,442		58.04	373,900
Fresh	1970			21,600	26#)	3.05	65,900
	1969			34,000	pkg)	2.35	79,900
Crushed	1970			2,330	Ton	55.62	129,600
	1969			6,000		49.00	294,000
Wine Varieties,	1970	22,111	3.85	85,200		157.42	13,412,000
Total	1969	21,777	6.50	141,500		86.47	12,236,000
Fresh	1970			14,100		220.00	3,102,000
	1969			25,600		152.00	3,891,000
Crushed	1970			71,100		145.00	10,310,000
	1969			115,900		72.00	8,345,000

At the end of April a devastating two day period of freezing weather caused severe damage to the vineyards of the county. Tender growth of six to twelve inches was completely burned in many vineyards. During the month of July, excessive hot spells sunburned the fruit because the frost-damaged foliage was lighter than normal. As expected, production was very low and prices were exceptionally higher for both fresh market and winery grapes.

\* Tokay Production figures supplied by Tokay Marketing Agreement



FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969

Crop	Year	Production		Total	Unit	Gross Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Nectarines	1970	42	5.52	232	Ton	\$ 240.00	\$ 55,700
	1969	42	6.80	286		270.00	77,200
Olives	1970	197	1.75	345		200.00	69,000
	1969	196	2.25	441		316.00	139,000
Peaches, All Total	1970	7,841	10.89	85,360	Ton	78.63	6,711,700
	1969	7,464	10.72	80,050		73.00	5,844,950
Clingstone Processing	1970	6,659	10.53	70,100		81.00	5,678,000
	1969	6,299	10.76	67,800		74.00	5,017,200
Freestone	1970	1,182	12.91	15,260		67.74	1,033,700
	1969	1,165	10.52	12,250		67.57	827,750
Fresh	1970			88,300	24#) pkg)	2.46	217,200
	1969			79,300		2.25	178,000
Processing	1970			14,200	Ton	57.50	816,500
	1969			11,300		57.50	649,750

By mid-March, peaches were in full bloom. During the first part of May some frost damage occurred to the immature fruit. By the latter part of June, harvesting operations began. Productions of freestone peaches improved over the previous year. Yields on clingstone varieties were low; however, prices were higher.

Pears, Fresh* & Processing	1970	1,046	6.30	6,580	Ton	130.00	855,400
	1969	1,000	5.63	5,630		102.00	547,300

The prevalence of fire-blight was widespread this year, requiring extensive pruning by growers. Again production was very low; however, quality and size was good. Higher prices were paid by both the fresh market and processors.

Plums, Fresh & Processing	1970	492	1.65	810	Ton	160.00	129,600
	1969	492	2.09	1,030		262.00	269,900

Again yields varied with different varieties. The overall average production was very low. Since there was a record production for the state, returns to growers were exceedingly low, making this a poor season for plum growers.

Strawberries	1970	74	5.90	436	Ton	390.00	170,000
	1969	121	5.36	648		351.23	227,600

The acreage of strawberries declined to a new low this year. Production improved slightly over the previous year; however, prices were low for the season. All strawberries went to the fresh market.

\* Production supplied by California Tree Fruit Agreement

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1970 & 1969 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value	
						Per Unit	Total
Walnuts, English*	1970	21,600	.78	16,900	Ton	\$ 410.00	\$ 6,929,000
	1969	21,030	.81	17,000		500.00	8,500,000

Favorable growing conditions resulted in a good crop of walnuts. Harvest operations of early varieties were delayed when it was found that normal shaking of trees did not knock down a large percentage of the walnuts. The "stick-tights" resulted from the lack of adequate dew. Prices received by growers were very low for the season.

Misc. (apples,	1970						250,000
figs, oranges,	1969						245,000
chestnuts, pecans,							
persimmons, prunes,							
bushberries)							

TOTAL	1970	106,431					\$ 63,267,900
	1969	102,421					\$ 70,636,850

\* Production supplied by Walnut Control Board

SEED CROPS: ACREAGE, PRODUCTION, AND GROSS VALUE 1970 & 1969

Crop	Year	Production		Total	Unit	Gross Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Alfalfa	1970	85	416	35,360	Lb.	\$ .38	\$ 13,400
	1969	37	486	18,000		.39	7,000
Asparagus	1970			24,500		2.00	49,000
	1969			20,000		2.00	40,000
Beans, Certified Seed							
Dark Red	1970	990	16	15,800	Cwt.	23.00	363,400
Kidney	1969	2,300	12	27,600		14.50	400,000
Light Red	1970	3,200	16	51,200		23.00	1,178,000
Kidney	1969	5,800	15	87,000		15.00	1,305,000
White	1970	160	15	2,400		25.00	60,000
	1969	70	15	1,050		16.00	16,800
Blackeye	1970	130	16.6	2,160		8.50	18,400
	1969	100	15.3	1,530		10.00	15,300
Snap Bean	1970	200	10	2,000		17.00	34,000
	1969	95	16	1,500		18.00	27,000
Others	1970	260	20	5,200		12.00	62,400
	1969	162	16.5	2,700		15.00	40,500
Clover	1970	1,272	380	483,400	Lb.	.45	217,500
	1969	780	440	343,200		.60	205,900
Ornamental Seed	1970	385	260	100,000		1.25	125,000
	1969	178	250	44,500		1.50	66,750
Potatoes	1970	960	265	254,400	Cwt.	4.25	1,081,000
	1969	1,290	255	329,000		3.95	1,300,000
Vegetable Seed	1970	160	518	82,900		1.16	95,900
	1969	545	385	209,800		1.52	318,900
Grain Seed	1970	6,470	3,000	19,410,000	Lb.	.032	621,100
	1969	5,310	2,400	12,787,000		.029	370,000
TOTAL	1970	14,272					3,919,100
	1969	16,667					4,113,150



NURSERY PRODUCTS: PRODUCTION AREA, SALES AND GROSS VALUES 1970 & 1969

Item	Year	Production House Sq.Ft.	Area Field Acre	Quantity Sold By Producers	Unit	Gross Value	
						Per Unit	Total
Nursery Crops							
Deciduous Fruit & Nut Trees*	1970		22.0	300,000	Plant	\$ 1.10	\$330,000
	1969		25.0	343,700		1.15	395,000
Grape Vines	1970		5.0	65,000		.20	13,000
	1969		13.0	240,500		.18	43,300
Vegetable Plants							
Field Grown	1970			110,740,000	Plant		386,460
Total	1969			151,930,000			823,270
Asparagus	1970			8,020,000		.009	72,180
	1969			35,900,000		.01	359,000
Celery	1970			20,000		.009	180
	1969			30,000		.009	270
Onions	1970			80,000,000		.001	80,000
	1969			80,000,000		.001	80,000
Peppers	1970			15,200,000		.008	121,600
	1969			26,000,000		.009	234,000
Tomatoes	1970			7,500,000		.015	112,500
	1969			10,000,000		.015	150,000
Ornamental Trees & Shrubs **	1970		14.5	245,800		.60	147,500
	1969		27.0	422,000		.85	358,700
Bedding Plants	1970	12,500		15,200	Flat	3.00	45,600
	1969	30,000		46,000		2.60	119,600
Herbaceous Perennials	1970	213,100		1,825,000	Plant	.30	547,500
	1969	190,000		2,500,000		.25	625,000
Indoor Decorative Plants	1970	100,000		232,000		1.63	378,000
	1969	100,000		206,000		1.20	247,200
Cacti & Succulents	1970	50,000		240,000		.07	16,800
	1969	75,000		200,000		.09	18,000
Bulbs, Rhizomes, Roots, etc.	1970		5.0	77,000	Each	.95	73,100
	1969		5.0	28,400		1.50	42,600
Propagative Materials, Pits, Budwood, Cuttings, etc.	1970			600,000		.05	30,000
	1969			700,000		.07	49,000
Cut Flowers & Decoratives	1970		9.25		Acre	175.00	1,600
	1969		9.25			130.00	1,200
TOTAL	1970					\$	1,969,560
	1969					\$	2,722,870

\* Includes small fruit plants

\*\* Includes rose plants

**LIVESTOCK AND POULTRY: PRODUCTION & GROSS VALUE 1970 & 1969**

Item	Year	No. Head	Production	Unit	Gross Value	
			Total Liveweight		Per Unit	Total
Cattle & Calves	1970	54,950	358,800	Cwt.	\$ 26.40	\$ 9,472,000
	1969	69,400	400,000		25.55	10,220,000
Sheep & Lambs	1970	67,300	72,200		24.23	1,749,000
	1969	83,500	79,500		22.25	1,769,000
Hogs & Pigs	1970	26,000	53,700		23.46	1,260,000
	1969	27,300	56,400		23.33	1,316,000
Broilers & Fryers	1970	2,217,000	7,760,000	Lb.	.17	1,319,000
	1969	3,039,000	10,637,000		.19	2,021,000
Pullets	1970	435,000		Ea.	1.60	696,000
Other Chickens	1970	1,885,000	8,954,000	Lb.	.08	716,000
	1969	1,578,000	7,496,000		.10	750,000
Turkeys	1970	122,000	2,684,000		.22	590,500
	1969	88,500	1,726,000		.24	414,200
Misc. Pheasant, Squab, Duck, etc.	1970	31,400		Ea.	1.00	31,400
	1969	41,000			1.50	61,500
TOTAL	1970					\$ 15,883,900
	1969					\$ 16,551,700

Most notable was the consistency of a strong market for cattle through the year. Also, prices were improved for sheep and hogs. There was a decline in poultry production and prices.

**APIARY PRODUCTS: PRODUCTION AND GROSS VALUE 1970 & 1969**

Crop	Year	Production Total	Unit	Per Unit	Total
Honey	1970	470,000	Lb.	\$ .13	\$ 61,100
	1969	764,700		.12	91,800
Beeswax	1970	8,000	Lb.	.60	4,800
	1969	9,400		.58	5,450
Pollination	1970	17,500	Colony	9.60	168,000
	1969	26,400		6.00	158,400
TOTAL	1970				\$ 233,900
	1969				\$ 255,650

This year there was a large drop in honey production. Early in the season, rainy weather held bee activity to a low point. Later, the hot dry weather had an adverse effect on honey production.

**LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION & GROSS VALUE 1970 & 1969**

Item	Year	Production	Unit	Per Unit	Total
Milk, Total	1970	5,984,000	Cwt.	\$ 5.09	\$ 30,485,000
Revised	1969	5,734,000		4.79	27,451,000
Market, Revised	1970	5,085,000		5.21	26,493,000
	1969	4,885,000		4.90	23,936,000
Manufacturing, Revised	1970	899,000		4.44	3,992,000
	1969	849,000		4.14	3,515,000
Wool**	1970	643,400	Lb.	.66	424,600
	1969	717,400		.59	423,300
Eggs, Chicken	1970	65,364,000	Doz.	.31	20,263,000
Market	1969	67,235,000		.33	22,188,000
TOTAL	1970				\$ 51,172,600
	1969				50,062,300

Along with the increase in milk production, dairymen enjoyed better prices. The average price for eggs received by poultrymen declined several cents per dozen. Wool prices were very low for the season, but they were bolstered by government support price.

**JANUARY 1 INVENTORIES OF LIVESTOCK & POULTRY 1970 & 1969  
IN NUMBER OF HEAD**

Item	January 1 1971	January 1, 1970
Cattle & Calves, All	171,300	172,400
Milk Cows 2 Years & Over	51,200	50,000
Sheep and Lambs, All	39,200	38,100
Hogs and Pigs	14,100	12,500
Hens & Pullets of Laying Age	3,955,000	3,845,000

\*\* Value includes government payment



# PERMANENT CROPS

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
ALMONDS		
Davey	671.2	7.8
Drake	100.2	0
IXL	41.9	0
Jordanolo	492.5	5.3
Kapareil	19.6	4.6
Merced	1,143.9	1,109.6
Ne Plus Ultra	1,008.0	300.2
Nonpareil	11,392.1	3,943.4
Peerless	533.8	24.2
Texas	4,550.1	813.1
Thompson	36.6	217.6
Other	22.8	17.1
TOTAL	20,012.7	6,442.9

APPLES		
Delicious	4.5	70.3
Golden Delicious	6.6	63.2
White Astrachan	6.5	0
Other	9.7	22.8
TOTAL	27.3	156.3

APRICOTS		
Blenheim	1,842.5	0
Tilton	1,320.9	86.2
Other	59.7	22.3
TOTAL	3,223.1	108.5

CERRIES		
Bing	5,729.5	1,127.1
Black Tartarian	368.0	16.1
Burbank	8.9	0
Burlat	159.8	138.6
Chapman	39.9	0
Jubilee	9.1	19.8
Lambert	252.5	9.1
Moreau	39.3	1.5
Republican	13.8	0
Royal Ann	1,312.1	51.8
Seedlings	34.7	371.2
Van	101.0	25.8
Others	16.2	27.0
TOTAL	8,084.8	1,788.0

CHESTNUTS (ALL)	27.9	.6
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CITRUS (ALL)	1.6	0
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FIGS	.3	0
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Crop & Variety	Bearing Acreage	Non-Bearing Acreage
GRAPES (Raisin)		
Muscat	19.3	0
Thompson Seedless	562.7	0
TOTAL	582.0	0

GRAPES (Table)		
Almeria	11.5	0
Black Prince	32.4	0
Cardinal	25.7	0
Cornichon	13.3	0
Emperor	28.3	0
Lady Finger	11.7	0
Malaga	18.0	0
Ribier	59.6	0
Tokay	20,899.2	82.3
Other	26.8	0
TOTAL	21,126.5	82.3

GRAPES (Wine)		
Alicante-Bouschet	1,032.1	0
Alicante Gazen	24.5	0
Barbera	46.5	0
Black Malvoisie	34.7	0
Burger	601.7	39.0
Cabernet-Sauvignon	62.7	0
Carignane	7,127.1	88.4
Chenin Blanc	131.0	348.1
Emerald Riesling	43.2	5.0
French Columbard	355.6	463.2
Gray Riesling	98.4	10.6
Grenache	2,493.2	.2
Mission	1,133.8	0
Palomino	523.4	0
Petite Sirah	343.8	0
Pinot Noir	68.0	0
Riesling	21.0	0
Royalty	92.9	0
Rubired	55.8	0
Ruby Cabernet	94.4	4.0
Salvador	188.7	0
Sauvignon Vert	20.9	0
Semillon	49.3	0
St. Macaine	35.0	9.0
Tinta Madeira	28.0	0
Valdepenas	266.3	18.0
Zinfandel	7,072.7	366.2
Others	65.9	11.0
TOTAL	22,110.6	1,362.7

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non-Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
NECTARINES			PEACHES-FREESTONE		
LeGrand	22.1	0	Alamar	10.0	0
Rose	5.6	0	Elberta	372.4	46.4
Sun Grand	13.6	0	Fay Elberta	659.7	86.9
Other	.9	0	Kim Elberta	18.6	4.5
TOTAL	42.2	0	La Fiesta	5.0	0
OLIVES			Red Haven	17.2	0
Ascolano	14.3	0	Rio Oso Gem	52.8	23.2
Manzanillo	108.5	0	Other	46.5	24.3
Mission	40.4	.7	TOTAL	1,182.2	185.3
Olbonga	27.8	0	PLUMS		
Sevillanos	6.1	0	Ace	5.3	0
TOTAL	197.1	.7	Duarte	32.8	0
PEARS			El Dorado	59.3	0
Bartlett	1,036.2	92.3	Laroda	43.2	0
Other	9.9	0	Late Santa Rosa	10.7	0
TOTAL	1,046.1	92.3	Nubiana	18.3	0
PEACHES-CLINGSTONE			Santa Rosa	147.7	0
Andora	51.5	0	Satsuma	25.5	0
Andross	20.4	46.2	Sugar	18.5	0
Carolyn	410.3	134.1	Tragedy	112.2	3.3
Carson	196.4	107.0	Other	18.9	1.0
Corona	131.2	2.8	TOTAL	492.4	4.3
Cortez	233.7	0	PRUNE - FRENCH		
Dixon	883.5	12.6		116.7	3.8
Fortuna	221.3	0	WALNUTS-ENGLISH		
Gaume	634.5	8.2	Ashley	87.7	370.5
Gomez	287.5	13.9	Concord	24.4	0
Halford	1,618.7	132.6	Eureka	6,454.7	627.9
Jungerman	59.6	29.7	Franquette	3,401.0	48.1
Klampt	58.7	31.0	Grove	81.5	0
Loadel	141.1	99.1	Hartley	4,023.5	857.3
Paloro	258.2	17.0	Hybrid	.9	47.3
Peak	41.6	11.4	Marchetti	20.0	28.6
SEE 910	15.6	0	Mayette	442.3	7.5
Shasta	35.3	0	Nugget	110.9	3.5
Sierra	28.4	0	Payne	6,477.6	1,062.1
Sims	30.2	0	Pedro	25.0	44.0
Stanford	56.2	0	Serr	2.6	48.5
Starn	446.0	30.0	Tehama	25.0	77.1
Sullivan, Carol	56.9	0	Trinta	3.5	37.0
Vivian	318.1	0	Vina #4949	59.2	20.0
Wiser	278.0	23.0	Waterloo	310.6	11.5
Zolezzi	75.3	0	Other	9.2	99.3
Other	71.1	69.1	TOTAL	21,559.6	3,390.2
TOTAL	6,659.3	767.7	WALNUTS-BLACK (ALL)		
				35.6	639.7
			FINAL TOTAL ACRES		
				106,528.0	15,025.3

# SUMMARY

<u>Item</u>	<u>1970</u>	<u>1969</u>
Field Crops	\$ 52,592,500	\$ 49,501,550
Vegetable Crops	51,289,570	55,198,650
Fruit & Nut Crops	63,267,900	70,636,850
Seed Crops	3,919,100	4,113,100
Nursery Products	1,969,560	2,722,870
Livestock & Poultry	15,833,900	16,551,700
Apiary Products	233,900	255,650
Livestock & Poultry Products	51,172,600	50,062,300
TOTAL	\$ 240,279,030	\$ 249,042,670

## SAN JOAQUIN COUNTY'S TEN LEADING CROPS

<u>1970</u>			<u>1969</u>		
Crop	Acreage	<u>Gross Value</u>	Crop	Acreage	<u>Gross Value</u>
Milk	5,984,000 Cwt.	\$30,485,000	Milk	5,702,000 Cwt.	\$27,422,000
Tomatoes	32,500	22,005,000	Grapes	43,455	26,956,900
Grapes	43,819	20,553,500	Tomatoes	37,460	25,238,000
Eggs	65,364,000 Doz.	20,263,000	Eggs	67,235,000 Doz.	22,188,000
Asparagus	26,245	16,154,000	Asparagus	28,700	15,906,000
Almonds	20,012	14,080,000	Almonds	18,155	13,100,000
Cherries	8,085	11,796,000	Alfalfa	61,600	12,162,000
Alfalfa	61,800	11,736,000	Cherries	7,474	11,390,000
Sugar Beets	25,400	10,424,000	Beef	400,000 Cwt.	10,220,000
Cattle & Calves	54,950	9,472,000	Walnuts	21,030	8,500,000
		<hr/>			<hr/>
		\$ 166,968,500			\$ 173,082,900



