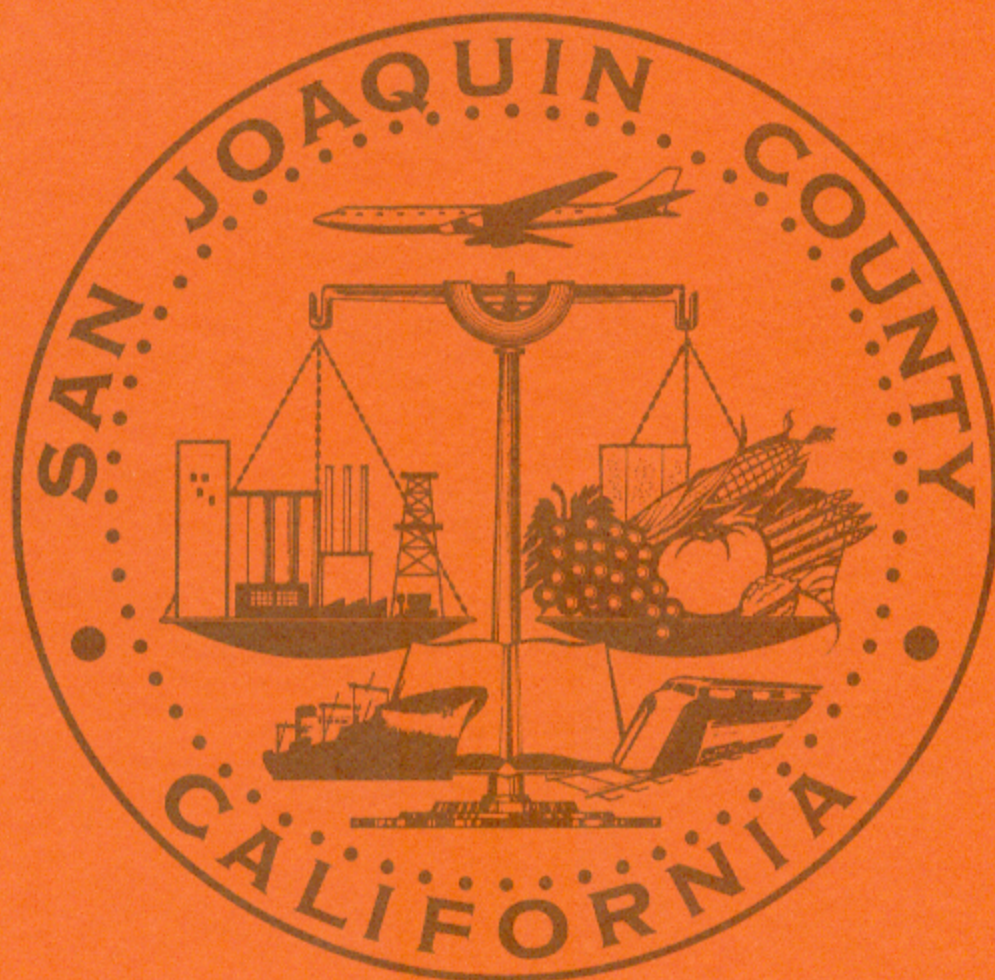


1971



## 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 Agriculture Code, I am pleased to present the thirty-eighth 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 1971 was \$272,204,415, an increase over the previous year, which was \$240,279,030.

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

S A N J O A Q U I N C O U N T Y

DEPARTMENT OF AGRICULTURE

RICHARD E. DEVOL  
Agricultural Commissioner

1971 ANNUAL CROP REPORT

Compiled by

GEORGE J. STIPE  
and  
KENNETH W. JONES

Deputy Agricultural Commissioners

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B O A R D O F S U P E R V I S O R S

CARMEN PERINO, Chairman	District 1
CLIFFORD C. WISDOM	District 2
GARY A. WILER	District 3
DAN S. PARISES	District 4
FRANK L. HOYT	District 5

# PERSONNEL

## STOCKTON OFFICE

1868 E. Hazelton Avenue

944-2693

Richard E. DeVol	Agricultural Commissioner
Erwin B. Eby	Assistant Commissioner
Walton A. Bauer	Deputy Commissioner
George J. Stipe	Deputy Commissioner
Marvin J. Switzenberg	Deputy Commissioner
Arthur V. Moretto	Nematologist
Robert A. Croce	Calaveras District
Charles F. Davenport	Enforcement Services
David C. Frieders	Enforcement Services
William J. Gritz	Enforcement Services
Kenneth W. Jones	Enforcement Services
Douglas E. Mattes	Island District
R. Dale Odneal	Standardization, Plant Quarantine
John R. Solari	Linden District
Lyn S. Hawkins	Entomologist
Jack B. Gianelli	Botanist/Nursery Inspection
John C. Snyder	Field & Laboratory Technician
Donald E. Shephard	Pest Detection & Survey

## ESCALON OFFICE

1540 Roosevelt Street

838-2276

## MANTECA OFFICE

392 S. Moffat Boulevard

823-3221

Joseph F. Silva	Deputy Commissioner
Allen L. Bugbee	Escalon District
Fred J. Minazzoli	Ripon District
William E. Long	Manteca District

## LODI OFFICE

Leslie G. Todd	210 N. Sacramento Street	368-2757
Ray A. Mahoney	Victor District	
Edward J. Perry	Lockeford/Clements District	
Paul Switzenberg	Terminous/Thornton District	

## 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

Richard Raney	Frank Ramalho	Beverly Burdette	Louise Pulliam
Elwyn Arnold	Archie J. Shields	Elaine Campbell	Carole Zorniger
Walter A. Beck	Dennis G. Stevens	Marjorie Peery	
Herbert W. Callen	Jerald T. Tarwater		
Donald E. Fehling	Elbert Watson		
Clinton C. McCarty	Merle D. Worthen		



FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1971 & 1970

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Barley	1971	42,900	2.10	90,100	Ton	\$ 53.50	\$ 4,820,000
	1970	58,000	1.50	87,000		45.00	3,915,000

There was ample soil moisture and favorable conditions for development of the barley crop this season. Consequently, growers produced grain of high yields and good quality.

Beans, Dry Total	1971	17,834	17.67	315,200	Cwt.	13.49	4,251,700
	1970	16,120	17.59	283,550		11.66	3,307,100
Blackeye	1971	3,270	16.00	52,300		14.00	732,200
	1970	3,430	17.00	58,300		8.25	481,000
Kidney	1971	9,300	16.70	155,400		14.75	2,292,000
	1970	7,100	15.50	110,000		17.00	1,870,000
Lima	1971	4,580	21.00	96,200		11.00	1,058,000
	1970	5,240	21.00	110,000		8.00	880,000
Others	1971	684	16.50	11,300		15.00	169,500
	1970	350	15.00	5,250		14.50	76,100

Once more, favorable weather conditions during the fall permitted growers to harvest all of their bean crop. Both yield and price were good. Most notable was the increase in price of lima beans and especially the return to growers for blackeye beans over the previous year.

Corn	1971	52,500	3.25	170,600	Ton	53.00	9,042,000
	1970	33,000	3.14	103,600		52.00	5,387,000

The county acreage of corn increased 59% over the previous year. The crop developed normally during the season. Some growers found it necessary to treat fields for foliar cutworms.

Hay, Total	1971	88,500	5.73	507,200	Ton	31.70	16,081,200
	1970	79,440	5.50	437,090		29.43	12,863,700
Alfalfa	1971	67,200	6.70	450,200		32.25	14,519,000
	1970	61,800	6.33	391,200		30.00	11,736,000
Grain	1971	14,000	3.35	46,900		28.00	1,313,000
	1970	13,800	3.00	41,400		25.00	1,035,000
Wild	1971	2,800	2.00	5,600		22.00	123,200
	1970	1,740	1.66	2,890		21.00	60,700

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Hay, cont'd							
Straw	1971	4,500	1.00	4,500	Ton	\$ 28.00	\$ 126,000
	1970	2,100	.75	1,600		20.00	32,000

Alfalfa production for the year remained good, although worm and weevil population was heavy at various times during the season. The acreage for the county increased substantially. With strong demand prevailing returns to growers were very good.

Oats	1971	2,900	.80	2,320	Ton	60.30	139,900
	1970	3,220	1.00	3,220		52.40	168,700

There was buildup of aphid in some oat fields which may have been instrumental in the decrease of production. Once more, demand was strong and returns to growers were very good.

Pasture & Range	1971	329,850			Acre	17.05	5,625,250
Total	1970	340,150				17.55	5,970,000
Irrigated	1971	77,600				55.50	4,307,000
	1970	85,850				55.00	4,722,000
Range	1971	141,000				7.00	987,000
	1970	141,400				6.00	848,000
Sudan	1971	1,250				45.00	56,250
	1970	1,300				50.00	65,000
Stubble	1971	110,000				2.50	275,000
	1970	111,600				3.00	335,000

During January, cold weather retarded the growth of range grass. Thereafter, with the advent of milder temperature and adequate moisture, range grasses flourished. With intermedient rains a good percentage of grassland continued to grow through the middle of May.

Rice	1971	7,510	2.85	21,400	Ton	100.00	2,140,000
	1970	7,050	2.85	20,100		98.00	1,970,000

By the end of May the seeding of rice had been completed. At first, growth was slow due to cool weather, but from July on, warm weather stimulated good growth. Again, excellent harvesting conditions prevailed with yields and quality good.



FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Unit	Total		Per Unit	Total
Safflower	1971	4,600	1.50	6,900	Ton	\$ 90.00	\$ 621,000
	1970	4,420	1.33	5,880		85.50	502,700

The growers of safflower enjoyed a good season. Both yields and monetary returns to growers improved over the previous year.

Silage, Corn	1971	17,900	20.50	367,000	Ton	7.25	2,661,000
	1970	15,200	22.75	345,800		7.25	2,507,000

The acreage of silage corn continues to increase in the county. Starting with the warm weather in July the crop made good progress. The harvest of the crop continued into November. Some late harvest silage corn was very dry due to frosts.

Sorghum, Grain	1971	19,000	2.75	52,300	Ton	50.00	2,615,000
	1970	36,000	2.50	90,000		47.00	4,230,000

Acreage declined to nearly one-half of the previous year. Some heavy populations of Greenbug required treatment but with the late dry fall, quality grain was harvested with increased production.

Sugar Beets	1971	31,500	31.50	992,200	Ton	15.00	14,883,000
	1970	24,400	28.50	723,900		14.40	10,424,000

As soon as weather permitted, at the end of February, harvesting operations of overwintering beets began. By april, harvesting operations and planting of a new crop were running concurrently. The new crop developed with a minimum of problems and harvesting operations resumed in the fall. Production of sugar beets for the season was excellent and sugar content was high.

Sunflowers	1971	5,200	.85	4,420	Ton	130.00	574,600
	1970	3,821	.95	3,650		150.00	547,500

The sunflower crop developed normally. Most notable is the increase in county acreage and the decline in price.

Wheat	1971	10,900	1.80	19,600	Ton	55.30	1,084,000
	1970	8,580	2.00	17,200		46.50	799,800

Again, growers planted more wheat in the county. Although yields declined, there was a significant increase in price.

TOTAL	1971	631,094				\$ 64,538,650	
	1970	630,401				52,592,500	

# FEED GRAIN PROGRAM

Crop	Year	Acreage		Value
Corn	1971	22,754....Planted 6,907....Diverted	Total Payment	\$ 243,435
Grain Sorghum		4,052....Planted 2,791....Diverted	Total Payment	70,999
Barley		XXXXX XXXXX	Total Payment	XXXXXX XXXXXX
Wheat		5,293....Planted 2,130....Diverted	Total Payment	196,982
Crop Land Adjustment		119		1,136
Land Under Soil Bank		<u>XXX</u>		<u>XXXXX</u>
TOTAL		44,046		\$ 512,552

1970

Corn	2,645 992	Planted....price support Diverted....payment	\$ 95,115 34,012
Grain Sorghum	424 412	Planted....price support Diverted....payment	10,392 1,859
Barley	677 1,279	Planted....price support Diverted....payment	7,519 8,767
Wheat	1,650 1,655	Planted....price support Diverted....payment	148,916 20,807
Crop Land Adjustment	368		4,370
Land Under Soil Bank	<u>XXX</u>		<u>XXXXX</u>
TOTAL	10,102		\$ 331,757

GRAND TOTAL	1971	675,140	\$ 65,051,202
	1970	640,503	52,924,257



VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Asparagus	1971	26,615	1.73	45,950	Ton	\$ 418.56	\$ 19,233,000
Total	1970	26,245	1.63	42,820		377.25	16,154,000
Fresh	1971		.58	15,400		480.00	7,392,000
	1970		.68	17,850		400.00	7,140,000
Processing	1971		1.15	30,550		387.60	11,841,000
	1970		.95	24,970		361.00	9,014,000

The harvesting of asparagus made a slow start near the end of February. Shortly thereafter a number of fields were frosted back. By mid-March a fair volume of asparagus was being cut. For the next month and a half harvesting operations were intermittently held up by rain and cold weather. This kept volume of fresh asparagus at a lower level over a prolonged period of time resulting in a better price average.

Beans, Green	1971	1,390	3.80	5,280	Ton	67.00	353,800
	1970	1,680	1.63	2,730		105.50	288,000

Favorable growing conditions were inducive to high yields in green beans. Unfortunately, the price declined sharply.

Cabbage	1971	75	7.00	525	Ton	75.00	39,400
	1970	18	6.28	113		80.00	9,000
Carrots	1971	545	17.00	9,260		65.00	601,900
	1970	770	21.66	16,700		73.40	1,126,000

Not only did the acreage for the county decline under the previous year, but so did the yield and returns to the growers.

Cauliflower	1971	225	4.40	990	Ton	180.00	178,200
	1970	400	3.66	1,464		180.00	263,520

There was a sharp decline in the cauliflower acreage this year. However, production improved and the cauliflower was of good quality.

Corn, Sweet	1971	158	233.00	36,800	46#)	2.85	104,900
	1970	125	200.00	25,000	pkg)	2.75	68,750

This crop developed normally during the season. Both production and demand were good.

Cucumbers*	1971	1,580	15.44	24,400	Ton	76.50	1,866,600
	1970	1,500	13.20	19,800		73.70	1,460,000

The harvesting of cucumbers started around the first of July and extended into late September. The seasons crop was of good quality and of high production.

\* Data supplied by California Crop & Livestock Reporting Service

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Lettuce, Head	1971	290	614.00	178,100	43#)	\$ 3.65	\$ 650,100
	1970	440	600.00	264,000	pkg)	2.25	594,000

Once more, growers of head lettuce enjoyed a very good season. The quality was excellent and in addition, demand was strong which greatly improved returns to growers.

Melons, Total	1971	2,324	13.15	30,560	Ton	48.14	1,471,300
	1970	2,609	13.20	34,430		40.96	1,410,100
Cantaloupe	1971	XX	XX	XX		XX	XX
	1970	63	4.00	250		110.00	27,500
Casaba	1971	415	10.60	4,400		33.50	147,400
	1970	495	15.60	7,720		28.50	220,000
Cranshaw	1971	178	8.20	1,460		115.00	167,900
	1970	230	7.65	1,760		102.00	179,800
Watermelon	1971	1,440	15.50	22,300		40.00	892,000
	1970	1,530	14.60	22,300		32.50	724,800
Honeydew	1971	291	8.25	2,400		110.00	264,000
	1970	291	8.25	2,400		100.00	240,000

With the prolonged cool weather melon production started later than normal. Although mid-July heat had an adverse effect on the melon set and Armyworms caused considerable damage to watermelons, the average yields of melons for the season were good. Prices remained high with excellent returns to growers.

Onions, Dry Total	1971	2,070	785.00	1,624,200	50#)	1.86	3,026,300
	1970	2,070	800.00	1,656,000	sack)	1.31	2,164,000
Early	1971	1,610	760.00	1,224,000		1.90	2,326,000
	1970	1,770	835.00	1,478,000		1.30	1,921,000
Late	1971	460	870.00	400,200		1.75	700,300
	1970	300	600.00	180,000		1.35	243,000

This crop developed normally during the season. Some growers had trouble with thrip. Prices were much improved over the previous year.

Peas	1971	1,620	1.50	2,430	Ton	90.00	218,700
	1970	1,535	2.00	3,070		70.00	214,900

The yield per acre was lower this year; however, monetary return to growers per ton was greatly improved.



VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Peppers	1971	1,170	10.60	12,400	Ton	\$ 104.00	\$ 1,290,000
	1970	880	10.00	8,800		101.00	888,800

By first of September the harvest of this crop started and extended on into November, with the advent of the first frosts. The crop was of good quality and high yields along with good prices.

Potatoes	1971	3,030	270.00	818,100	Cwt.	2.10	1,718,000
	1970	1,865	320.00	596,800		3.00	1,790,400

The county acreage of potatoes increased dramatically; however, prices tumbled to a very low level.

Pumpkins, Total	1971	755	11.75	8,870	Ton	21.83	193,600
	1970	962	16.73	16,090		17.91	288,200
Cannery	1971	297	16.40	4,870		11.00	53,600
	1970	385	22.00	8,470		11.00	93,200
Halloween	1971	458	8.80	4,000		35.00	140,000
	1970	577	13.20	7,620		25.60	195,000

The light set for pumpkins was reflected in lower yield this season. The quality of pumpkins was good, but most notable was the strong demand for halloween pumpkins resulting in a good price.

Squash	1971	411	10.50	4,320	Ton	40.00	172,800
	1970	435	15.70	6,830		25.60	174,800
Sweet Potatoes	1971	105	157.00	16,500	40#) ctn)	5.90	97,300
	1970	120	200.00	24,000		4.00	96,000

The small sweet potato acreage was of normal yield and quality. Strong demand stimulated higher prices than usual.

Tomatoes, Total	1971	32,940	21.55	709,700	Ton	36.52	25,920,000
	1970	32,500	20.46	665,100		33.09	22,005,000
Shipping	1971	5,000	6.72	33,600		208.00	6,989,000
	1970	6,690	7.20	48,200		134.00	6,459,000
Processing	1971	27,940	24.20	676,100		28.00	18,931,000
	1970	25,810	23.90	616,900		25.20	15,546,000

The tomato crop developed during the season with a minimum of problems. Both quality and yields were good. Some of the late planted green tomato fields were lost due to damage by frost. The price for shipping tomatoes was strong for the season.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Beets & Spinach	1971	220				\$	106,900
	1970	100					41,100
Truck Garden	1971	2,360					2,360,000
	1970	2,650					2,253,000
TOTAL	1971	77,883				\$	59,602,800
	1970	76,904					51,289,570



FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	<u>Gross</u> Value	
						Per Unit	Total
Almonds	1971	22,215	1.00	22,200	Ton	\$ 645.00	\$ 14,319,000
	1970	20,012	1.10	22,000		640.00	14,080,000
Almond Hulls	1971			20,000		11.00	220,000
	1970			12,000		10.00	120,000

During the blooming period low temperatures caused some freezing damage. Some of the early varieties of almonds, especially Ne Plus and Peerless, were nearly a complete loss. However, with favorable growing and harvest conditions, yield for the season was normal.

Apricots*	1971	3,089	5.50	17,000	Ton	58.00	986,000
	1970	3,223	7.00	22,600		68.50	1,548,000

Another bleak year was experienced by apricot growers. The yields were low and most devastating was the very low demand. Prices tumbled to a new low. Considerable acreage was not harvested and by the end of the year some growers had pulled out their orchards.

Cherries, Total	1971	8,366	3.00	25,100	Ton	515.90	12,949,000
	1970	8,085	2.30	18,600		634.19	11,796,000
Fresh Market	1971			19,900		588.00	11,701,000
	1970			14,100		760.00	10,716,000
Processing*	1971			5,200		240.00	1,248,000
	1970			4,500		240.00	1,080,000

Favorable weather prevailed during the period of bloom resulting in a good set of fruit. Development of the crop was delayed by the prolonged cool spring and did not start until the first part of May. Early varieties were damaged extensively, by splitting, induced by rains. Again, cool weather held back the ripening of the main crop consisting of the Bing variety. The harvest of the cherry crop was prolonged to mid-June.

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

FRUIT AND NUT CROPS: PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Grapes, All Total	1971	43,981	7.12	313,276	Ton	\$ 104.14	\$ 32,624,600
	1970	43,819	3.42	149,902		137.11	20,553,500
Table, All Total	1971	21,670	8.31	179,976		79.00	14,224,600
	1970	21,708	2.98	64,702		110.38	7,141,500
Tokay, Total*	1971	20,879	8.34	174,208		79.35	13,821,000
	1970	20,899	2.97	62,092		111.87	6,946,000
Fresh	1971			1,216,000	26#) pkg)	3.55	4,317,000
	1970			899,400		3.80	3,418,000
Crushed	1971			158,400	Ton	60.00	9,504,000
	1970			50,400		70.00	3,528,000
Other Table Total	1971	791	7.29	5,768		70.00	403,600
	1970	809	3.23	2,610		74.90	195,500
Fresh	1971			28,300	26#) pkg)	3.15	89,100
	1970			21,600		3.05	65,900
Crushed	1971			5,400	Ton	58.25	314,500
	1970			2,330		55.62	129,600
Wine Varieties Total	1971	22,311	5.97	133,300		138.00	18,400,000
	1970	22,111	3.85	85,200		157.42	13,412,000
Fresh	1971			16,800		270.00	4,536,000
	1970			14,100		220.00	3,102,000
Crushed	1971			116,500		119.00	13,864,000
	1970			71,100		145.00	10,310,000

By the first of September, harvesting operations had started. The yield, of some varieties, was low also, the yields of some individual vineyards were very low due to early frost damage. Most significant was the consistently low sugar content for the season, both in winery and table grapes. However, with very strong demand by wineries, monetary returns to growers were very good. Since color on Tokay grapes for fresh market was poor, and processor prices were high, over ninety percent of the crop went to the wineries.

\* Tokay Production figures supplied by Tokay Marketing Agreement



FRUIT AND NUT CROPS: PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Nectarines	1971	42	4.70	197	Ton	\$ 305.00	\$ 60,100
	1970	42	5.52	232		240.00	55,700
Olives	1971	197	2.20	435		145.00	63,100
	1970	197	1.75	345		200.00	69,000
Peaches, All Total	1971	6,615	10.77	71,240	Ton	74.86	5,333,200
	1970	7,841	10.89	85,360		78.63	6,711,700
Clingstone Processing	1971	5,490	10.00	54,900		79.00	4,337,000
	1970	6,659	10.53	70,100		81.00	5,678,000
Freestone	1971	1,125	14.52	16,340		60.97	996,200
	1970	1,182	12.91	15,260		67.74	1,033,700
Fresh	1971			61,600	24#) pkg)	2.75	169,400
	1970			88,300		2.46	217,200
Processing	1971			15,600	Ton	53.00	826,800
	1970			14,200		57.50	816,500

The season for peaches was between one and two weeks later than normal. Both yield and quality was good for early varieties. However, as the season progressed, heavier than normal split pits became apparent. Also, some orchards had excessively heavy fruit drop. Once more, peach growers participated in a compulsory surplus green drop, and/or a tree pull out, in accord with the Cling Peach Advisory Board program.

Pears, Fresh* & Processing	1971	1,060	7.50	7,950	Ton	95.00	755,300
	1970	1,046	6.30	6,580		130.00	855,400

The weather favored a good set of fruit. The final crop was of high quality and excellent yields. Unfortunately, demand was poor resulting in a low return to growers.

Plums, Fresh & Processing	1971	474	2.35	1,110	Ton	325.00	360,700
	1970	492	1.65	810		160.00	129,600

Most significant of the plum crop was the low yields. Some varieties were void of a crop.

Strawberries	1971	65	4.54	295	Ton	325.00	95,900
	1970	74	5.90	436		390.00	170,000

\* Production supplied by California Tree Fruit Agreement

FRUIT AND NUT CROPS: PRODUCTION AND GROSS VALUE 1971 & 1970 cont'd

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Walnuts, English*	1971	22,115	1.09	24,000	Ton	\$ 430.00	\$ 10,320,000
	1970	21,600	.78	16,900		410.00	6,929,000

Although blight caused considerable loss of nuts, particularly to the Payne variety, production for the season was good. Also, the quality of the walnuts was above average which probably was aided by a significantly low population of aphids during the year. Once more prices received by growers were very low.

Misc. (apples, 1971							375,000
figs, oranges, 1970							250,000
chestnuts, pecans,							
persimmons, prunes,							
bushberries)							
TOTAL	1971	108,219				\$ 78,461,900	
	1970	106,431				63,267,900	

\* Production supplied by Walnut Control Board



SEED CROPS: ACREAGE, PRODUCTION AND GROSS VALUE 1971 & 1970

Crop	Year	Harvested Acreage	Production		Unit	<u>Gross</u> Value	
			Per Acre	Total		Per Unit	Total
Alfalfa	1971	50	480.	24,000	Lb.	\$ .30	\$ 7,200
	1970	85	416.	35,360		.38	13,400
Asparagus	1971			30,000		2.00	60,000
	1970			24,500		2.00	49,000
Beans, Certified Seed							
Dark Red	1971	525	16.6	8,700	Cwt.	21.00	182,700
Kidney	1970	990	16.	15,800		23.00	363,400
Light Red Kidney	1971	2,430	16.8	40,800		14.00	571,200
	1970	3,200	16.	51,200		23.00	1,178,000
White	1971	168	17.	2,850		16.00	45,600
	1970	160	15.	2,400		25.00	60,000
Blackeye	1971	285	14.5	4,130		12.00	49,600
	1970	130	16.6	2,160		8.50	18,400
Snap Bean	1971	XXX	XXXX	XXXXX		XXXXX	XXXXXX
	1970	200	10.	2,000		17.00	34,000
Others	1971	408	16.5	6,730		16.00	107,700
	1970	260	20.	5,200		12.00	62,400
Clover	1971	874	337.	294,500	Lb.	.56	164,900
	1970	1,272	380.	483,400		.45	217,500
Ornamental Seed	1971	120	300.	36,000		2.00	72,000
	1970	385	260.	100,000		1.25	125,000
Potatoes	1971	982	250.	245,500	Cwt.	3.25	797,900
	1970	960	265.	254,400		4.25	1,081,000
Vegetable Seed	1971	511	333.	170,000		1.67	284,100
	1970	160	518.	82,900		1.16	95,900
Grain Seed	1971	2,750	3,730.	10,258,000	Lb.	.05	512,900
	1970	6,470	3,000.	19,410,000		.032	621,100
TOTAL	1971	9,103					\$ 2,855,800
	1970	14,272					3,919,100

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND GROSS VALUES 1971 & 1972

Item	Year	Production House Sq.Ft.	Area Field Acre	Quantity Sold By Producers	Unit	Per Unit	<u>Gross</u> Value Total
Nursery Crops							
Deciduous Fruit & Nut Trees*	1971		30.0	369,000	Plant \$	1.10	\$ 406,000
	1970		22.0	300,00		1.10	330,000
Grape Vines	1971		16.5	503,000		.35	176,000
	1970		5.0	65,000		.20	13,000
Vegetable Plants							
Field Grown	1971			123,715,000	Plant		542,135
Total	1970			110,740,000			386,460
Asparagus	1971			24,700,000		.01	247,000
	1970			8,020,000		.009	72,180
Celery	1971			15,000		.009	135
	1970			20,000		.009	180
Onions	1971			80,000,000		.001	80,000
	1970			80,000,000		.001	80,000
Peppers	1971			12,000,000		.008	96,000
	1970			15,200,000		.008	121,600
Tomatoes	1971			7,000,000		.017	119,000
	1970			7,500,000		.015	112,500
Ornamental Trees & Shrubs**	1971		42.0	607,000		.55	334,000
	1970		14.5	245,800		.60	147,500
Bedding Plants	1971	16,000		7,100	Flat	3.50	24,900
	1970	12,500		15,200		3.00	45,600
Herbaceous Perennials	1971	232,000		1,860,000	Plant	.30	558,000
	1970	213,100		1,825,000		.30	547,500
Indoor Decorative Plants	1971	445,000		513,000		1.00	513,000
	1970	100,000		232,000		1.63	378,000
Cacti & Succulents	1971	67,000		272,000		.35	95,200
	1970	50,000		240,000		.07	16,800
Bulbs, Rhizomes, Roots, etc.	1971		5.5	112,000	Each	.45	50,400
	1970		5.0	77,000		.95	73,100
Propagative Materials, Pits, Budwood, Cuttings, etc.	1971			650,000		.06	39,000
	1970			600,00		.05	30,000
Cut Flowers & Decoratives	1971		9.25		Acre	175.00	1,600
	1970		9.25			175.00	1,600
TOTAL	1971						\$ 2,740,235
	1970						1,969,560

\* Includes small fruit plants

\*\* Includes rose plants



LIVESTOCK AND POULTRY: PRODUCTION & GROSS VALUE 1971 & 1970

Item	Year	No. Head	Production		Unit	<u>Gross</u> Value	
			Total	Liveweight		Per Unit	Total
Cattle & Calves	1971	47,600		340,500	Cwt.	\$ 27.25	\$ 9,279,000
	1970	54,950		358,800		26.40	9,472,000
Sheep & Lambs	1971	50,000		52,600		22.20	1,168,000
	1970	67,300		72,200		24.23	1,749,000
Hogs & Pigs	1971	22,100		45,700		19.00	869,000
	1970	26,000		53,700		23.46	1,260,000
Broilers & Fryers	1971	2,516,000		8,800,000	Lb.	.17	1,496,000
	1970	2,217,000		7,760,000		.17	1,319,000
Pullets	1971	430,000			Ea.	1.70	731,000
	1970	435,000				1.60	696,000
Other Chickens	1971	1,560,000		7,000,000	Lb.	.05	350,000
	1970	1,885,000		8,954,000		.08	716,000
Turkeys	1971	143,700		2,805,000		.22	617,000
	1970	122,000		2,684,000		.22	590,500
Miscellaneous: Pheasant, Squab, Duck, etc.	1971	29,200			Ea.	1.35	39,400
	1970	31,400				1.00	31,400
TOTAL	1971						\$ 14,549,400
	1970						15,883,900

Once more the demand for beef was very strong. This kept the returns to ranchers at a high level. Conversely, the prices on both mutton and pork remained at a low level.

APIARY PRODUCTS: PRODUCTION AND GROSS VALUE 1971 & 1970

Crop	Year	Production		Unit	Per Unit		Total
		Total					
Honey	1971	695,000		Lb.	\$ .195	\$	135,500
	1970	470,000			.13		61,100
Beeswax	1971	14,400		Lb.	.53		7,630
	1970	8,000			.60		4,800
Pollination	1971	25,900		Colony	10.00		259,000
	1970	17,500			9.60		168,000
TOTAL	1971					\$	402,130
	1970						233,900

Although cool weather held bee activity to a low level at the beginning of the season, the final production was relatively good. Stimulated, by a very strong demand, prices for honey were excellent. There was also a good demand and an increase in price for colonies of bees for pollination.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION & GROSS VALUE 1971 & 1970

Item	Year	Production	Unit	Per Unit	Total
Milk, Total	1971	6,136,000	Cwt.	\$ 5.26	\$ 32,292,000
Revised	1970	5,992,000		5.09	30,477,000
Market, Revised	1971	5,047,000		5.39	27,180,000
	1970	5,083,000		5.20	26,432,000
Manufacturing,	1971	1,089,000		4.69	5,112,000
Revised	1970	909,000		4.45	4,045,000
Wool*	1971	462,500	Lb.	.60	277,500
	1970	643,400		.66	424,600
Eggs, Chicken	1971	65,935,000	Doz.	.25	16,484,000
Market	1970	65,364,000		.31	20,263,000
TOTAL	1971				\$ 49,053,500
	1970				51,164,600

Both milk production and return to dairymen made positive gains.  
Poultrymen experienced a very poor year with the average egg  
price at a very low level.

JANUARY 1 INVENTORIES OF LIVESTOCK & POULTRY 1971 & 1970  
IN NUMBER OF HEAD

Item	January 1, 1971	January 1, 1970
Cattle & Calves, All	180,600	171,300
Milk Cows 2 Years & Over	52,100	51,200
Sheep and Lambs, All	30,500	39,200
Hogs and Pigs	12,600	14,100
Hens & Pullets of Laying Age	3,879,000	3,955,000

\* Value includes government payment



# PERMANENT CROPS

Crop & Variety	Bearing Acreage	Non-Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
ALMONDS			GRAPES (Raisin)		
Davey	675.5	0	Muscat	19.3	0
Drake	92.4	0	Thompson Seedless	545.0	0
IXL	35.4	0	TOTAL	564.3	0
Jordanolo	491.1	0	GRAPES (Table)		
Kapareil	21.2	3.0	Almeria	11.5	0
Merced	1,486.9	1,058.2	Black Prince	32.4	0
Ne Plus Ultra	1,128.7	226.5	Cardinal	25.7	0
Nonpareil	12,797.7	3,313.8	Cornichon	13.3	0
Peerless	536.0	19.1	Emperor	28.3	0
Texas	4,820.4	650.5	Lady Finger	12.7	0
Thompson	107.1	237.1	Malaga	18.0	0
Other	22.8	15.2	Ribier	59.6	0
TOTAL	22,215.1	5,523.4	Tokay	20,878.7	10.0
APPLES			Other	25.8	0
Delicious	13.1	52.5	TOTAL	21,106.0	10.0
Golden Delicious	8.1	69.5	GRAPES (Wine)		
White Astrachan	6.5	0	Alicante-Bouschet	957.1	0
Other	9.7	23.2	Alicante Gazen	24.5	0
TOTAL	37.4	145.2	Barbera	46.5	331.0
APRICOTS			Black Malvoisie	34.7	0
Blenheim	1,700.8	.3	Burger	567.7	40.0
Tilton	1,328.7	215.0	Cabernet-Sauvignon	62.7	5.0
Other	59.7	22.3	Carignane	7,122.5	103.5
TOTAL	3,089.2	237.6	Chenin Blanc	233.8	278.3
CHERRIES			Emerald Riseling	46.2	2.0
Bing	5,946.2	1,036.6	French Columbard	466.3	452.6
Black Tartarian	370.8	15.7	Gray Riesling	109.0	0
Burbank	6.3	0	Grenache	2,456.5	.2
Burlat	190.4	124.7	Mission	1,084.3	0
Chapman	37.4	2.0	Palomino	498.4	0
Jubilee	13.2	31.7	Petite Sirah	323.8	510.0
Lambert	256.8	.9	Pinot Noir	68.0	0
Moreau	40.2	.6	Riesling	21.0	0
Republican	13.7	1.1	Royalty	92.9	0
Royal Ann	1,310.0	47.9	Rubired	55.8	0
Seedlings	58.3	331.8	Ruby Cabernet	98.4	0
Van	101.4	25.4	Salvador	188.7	0
Others	21.5	27.0	Sauvignon Vert	20.9	0
TOTAL	8,366.2	1,645.4	Semillon	49.3	0
CHESTNUTS (ALL)			St. Macaine	44.0	0
	25.2	.6	Tinta Madeira	28.0	0
CITRUS (ALL)			Valdepenas	274.3	10.0
	1.6	0	Zinfandel	7,188.0	564.9
PISTACHIO			Others	76.9	0
	7.0	18.0	Rootstock	71.0	139.3
			TOTAL	22,311.2	2,436.8

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
NECTARINES			PEACHES-FREESTONE		
LeGrand	21.8	0	Alamar	10.0	1.8
Rose	5.6	0	Bella Rosa	2.3	13.3
Sun Grand	13.6	0	Elberta	352.9	40.0
Other	.9	9.3	Fay Elberta	632.6	85.8
TOTAL	41.9	9.3	Kim Elberta	20.5	4.5
OLIVES			La Fiesta	5.0	0
Ascolano	14.3	0	Red Haven	11.4	0
Manzanillo	108.5	0	Rio Oso Gem	54.6	27.7
Mission	40.4	.7	Other	35.6	19.1
Olbonga	27.8	0	TOTAL	1,124.9	192.2
Sevillanos	6.1	0	PLUMS		
TOTAL	197.1	.7	Ace	5.3	0
PEARS			Duarte	32.8	0
Bartlett	1,049.5	88.0	El Dorado	59.0	0
Other	9.9	0	Laroda	43.2	0
TOTAL	1,059.4	88.0	Late Santa Rosa	10.7	0
PEACHES-CLINGSTONE			Nubiana	18.3	0
Andora	21.7	2.1	Santa Rosa	141.7	0
Andross	44.1	22.5	Satsuma	25.5	0
Carolyn	371.9	125.6	Sugar	13.5	0
Carson	183.8	84.4	Tragedy	104.7	3.3
Corona	112.3	2.4	Other	18.9	1.6
Cortez	158.7	0	TOTAL	473.6	4.9
Dixon	715.2	.3	PRUNE-FRENCH		
Everts	0	26.9		116.7	3.8
Fortuna	155.7	0	WALNUTS-ENGLISH		
Gaume	501.7	13.5	Ashley	187.8	341.6
Gomez	225.5	0	Concord	24.4	0
Halford	1,360.2	118.6	Eureka	6,587.9	494.9
Jungerman	59.6	26.2	Franquette	3,371.6	37.9
Klampt	49.8	38.0	Grove	81.5	0
Loadel	140.7	137.7	Hartley	4,076.3	767.3
McKnoght	15.4	0	Hybrid	.9	62.3
Paloro	193.9	18.0	Marchetti	40.0	8.6
Peak	19.7	0	Mayette	449.3	.5
SEE 910	15.6	0	Nugget	110.9	3.5
Shasta	31.5	0	Payne	6,708.1	877.4
Sierra	13.9	0	Pedro	38.0	31.0
Sims	24.8	0	Serr	2.6	48.5
Stanford	47.6	0	Tehama	38.0	64.1
Stam	399.4	40.0	Trinta	3.5	37.0
Sullivan, Carol	12.9	3.8	Vina #4949	74.2	5.0
Vivian	242.4	0	Waterloo	310.2	7.7
Wiser	263.6	16.5	Other	9.1	234.5
Zolezzi	65.3	0	TOTAL	22,114.3	3,021.8
Other	42.6	59.5	WALNUTS-BLACK (ALL)		
TOTAL	5,489.5	729.6		75.5	594.1
			FINAL TOTAL ACRES		
				108,416.2	14,661.4



# SUMMARY

<u>Item</u>	<u>1971</u>	<u>1970</u>
Field Crops	\$ 64,538,650	\$ 52,592,500
Vegetable Crops	59,602,800	51,289,570
Fruit & Nut Crops	78,461,900	63,267,900
Seed Crops	2,855,800	3,919,100
Nursery Products	2,740,235	1,969,560
Livestock & Poultry	14,549,400	15,833,900
Apiary Products	402,130	233,900
Livestock & Poultry Products	49,053,500	51,172,600
TOTAL	\$272,204,415	\$240,279,030

## SAN JOAQUIN COUNTY'S TEN LEADING CROPS

<u>1971</u>			<u>1970</u>		
Crop	Acreage	<u>Gross</u> Value	Crop	Acreage	<u>Gross</u> Value
Grapes	43,981	\$ 32,624,600	Milk	5,984,000	Cwt. \$ 30,485,000
Milk	6,136,000	cwt. 32,292,000	Tomatoes	32,500	22,005,000
Tomatoes	32,940	25,920,000	Grapes	43,819	20,553,500
Asparagus	26,615	19,233,000	Eggs	65,364,000	Doz. 20,263,000
Eggs	65,935,000	Doz. 16,484,000	Asparagus	26,245	16,154,000
Sugar Beets	31,500	14,883,000	Almonds	20,012	14,080,000
Alfalfa	67,200	14,519,000	Cherries	8,085	11,796,000
Almonds	22,215	14,319,000	Alfalfa	61,800	11,736,000
Cherries	8,366	12,949,000	Sugar Beets	25,400	10,424,000
Walnuts	22,115	10,320,000	Cattle & Calves	54,950	9,472,000
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\$ 193,543,600			\$ 166,968,500		

