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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

San Joaquin County

1969-1972

California County Agricultural Commissioners' Reports from the California Department of Food and Agriculture. This collection consists of annual crop and livestock data from each of the 58 California Counties. The collection covers 1915-1981; digitization of the rest of the collection is forthcoming.

This digitization project was funded by the Giannini Foundation of Agricultural Economics, http://giannini.ucop.edu/ .

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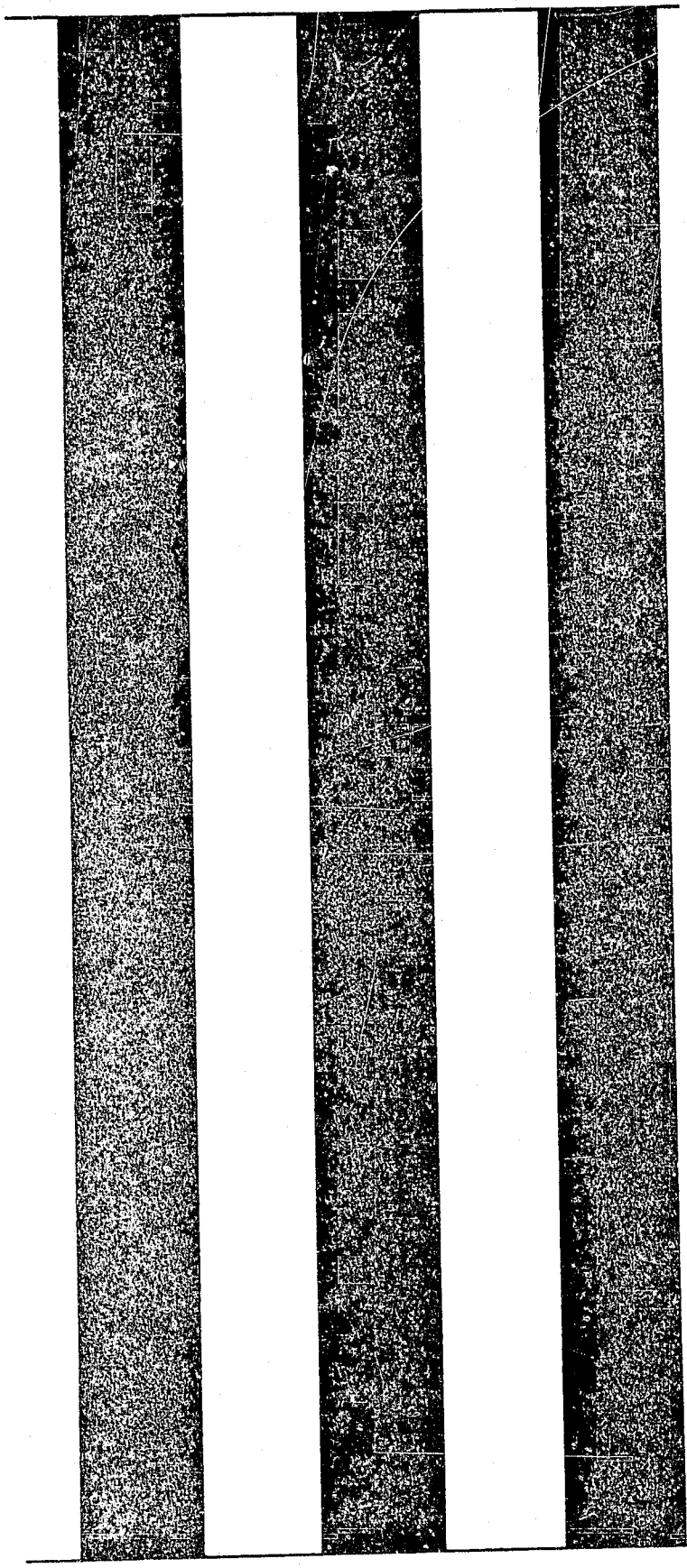
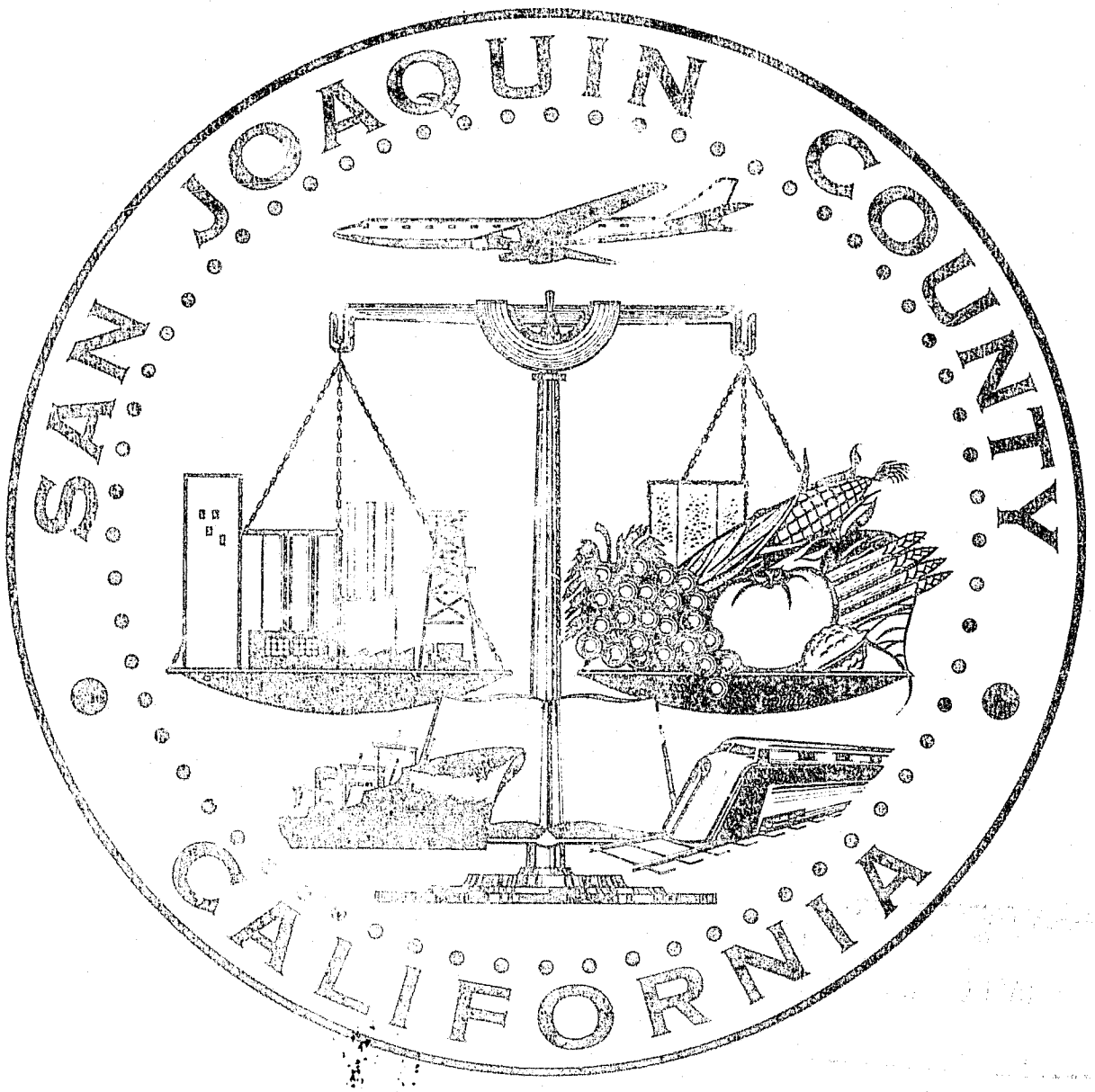


1969

Calif. San Joaquin Co. Dept. of Agriculture

Report (annual) 1969



AGRICULTURAL REPORT

San Joaquin County Department of Agriculture

SAN JOAQUIN COUNTY
Department of Agriculture
1868 EAST HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
P. O. BOX 1809 · PHONE 944-2693

RICHARD E. DeVOL
AGRICULTURAL COMMISSIONER

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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-sixth 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 have 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 1969 was $249,013,670, a slight decrease from the previous year, which was $249,077,845.

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,

Richard E. DeVol

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

1969 ANNUAL CROP REPORT

Compiled by

GEORGE J. STIPE
and
KENNETH W. JONES

Deputy Agricultural Commissioners

****

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

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GARY A. WILER	District 3
VERNON F. LEHMAN	District 4
FRANK L. HOYT, Chairman	District 5

****

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CHARLES P. KENYON

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

CLERICAL STAFF

Elaine Campbell	Louise Pulliam
Marjorie Peery	Melanie Russo

FIELD CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Barley	1969	47,100	1.60	75,400	Ton	$ 50.25	$ 3,789,000
	1968	50,300	1.70	85,500		44.00	3,762,000

At the beginning of the year, high rain fall resulted in excessive soil moisture which turned early plantings yellow and held up later plantings of barley. Some of the early plantings were disced under. By the 1st of April, most barley had recovered from excessive moisture stress and some had begun to head out. Favorable growing conditions prevailed during the rest of the growing season. Selective weed control was particularly active in late barley in the Delta area.

Beans, dry edible	1969	18,300	16.67	305,100	Cwt.	10.34	3,154,800
	1968	14,230	22.65	322,300		9.66	3,113,000
Blackeye	1969	2,300	15.50	35,600		9.25	329,300
	1968	3,830	21.20	81,200		7.25	589,000
Kidney	1969	9,500	14.00	133,000		12.50	1,663,000
	1968	4,100	17.10	70,100		15.60	1,094,000
	1969	6,200	21.30	132,000		8.50	1,122,000
	1968	5,900	28.00	165,000		8.30	1,370,000
	1969	300	15.00	4,500		9.00	40,500
	1968	400	15.00	6,000		10.00	60,000

The 1st of June, some plantings had emerged, however, planting continued through the month of June into the first part of July. Favorable growing conditions prevailed during the season with a minimum of problems with insect pests. Some fields suffered fairly heavy damage from the pod borer. Surprisingly, the pod borer was lighter than average which some attributed to excessive rainfall during the season. All fields were harvested. Some late fields were harvested, temporarily, due to rain. The kidney bean acreage doubled over the previous year, apparently stimulated by high prices during 1968 and poor prospects for the season.

	1969	35,300	3.00	105,900	Ton	50.50	5,348,000
	1968	33,300	3.15	104,900		52.00	5,455,000

Growers were engaged in planting corn during mid-April. Growing conditions were favorable in general. The first part of June, growers sprayed for weeds which burned some varieties, which caused harvesting problems.

	1969	78,850	5.66	446,500	Ton	28.80	12,857,400
	1968	88,600	5.67	502,600		26.37	13,253,600
	1969	61,600	6.75	415,800		29.25	12,162,000
	1968	66,500	6.80	452,200		27.00	12,209,000
	1969	10,700	2.25	24,100		23.60	568,800
	1968	14,200	3.00	42,600		21.00	894,600

FIELD CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Hay, cont'd							
Wild	1969	1,350	2.00	2,700	Ton	$ 18.00	$ 48,600
	1968	1,500	2.00	3,000		18.00	54,000
Straw	1969	5,200	.75	3,900		20.00	78,000
	1968	6,400	.75	4,800		20.00	96,000

Growth was held up at the beginning of the year due to excess soil moisture and cold weather. Some root damage developed, due to flooding. Milder weather in March stimulated normal growth, thus growers started the season with a good cutting about mid-April. Some fields were excessively weedy and some fields were cut early, due to alfalfa weevil. A number of growers on early cuttings treated for alfalfa weevil. Worm damage was heavy in some fields the latter part of August. In general, throughout the season, yield and quality were high. Growers enjoyed favorable prices throughout the season.

Oats	1969	2,500	.80	2,000	Ton	53.00	106,000
	1968	2,900	.53	1,540		55.00	84,700

Growing conditions were the same as barley. Both total yield and value were up.

Pasture & Range, Total	1969	350,230			Acre	16.97	5,943,500
	1968	365,900				17.26	6,317,000
Irrigated	1969	86,900				55.00	4,780,000
	1968	93,600				55.00	5,148,000
Range	1969	141,400				5.00	707,000
	1968	145,000				5.00	725,000
[illegible]	1969	1,930				50.00	96,500
	1968	2,300				30.00	69,000
[illegible]	1969	120,000				3.00	360,000
	1968	125,000				3.00	375,000

[illegible] grass was retarded during the first two months of the year, due to cold weather. However, as the weather became milder and with the abundance of moisture, both range grass and permanent pastures progressed with excellent growth. By the end of May, although range grass was dry, there was an abundance of feed.

Rice	1969	7,900	2.70	21,300	Ton	100.00	2,130,000
	1968	8,550	2.60	22,200		97.00	2,150,000

Seeding of rice fields commenced about the first of May and continued during the rest of the month. By mid-May some fields were treated for tadpole shrimp. Before the end of May some rice was above water. Weed spraying was carried out by many growers during the first part of June. Good growth was stimulated by hot weather, resulting in favorable yields.

FIELD CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
[illegible]lower	1969	6,200	1.30	8,100	Ton	$ 80.00	$ 648,000
	1968	5,300	1.40	7,400		82.50	610,500

[illegible] was the end of March before land could be prepared for planting. Consequently, [illegible] planting the first part of April was about a month later than the previous [illegible]. The end of June found the crop in full bloom. The season was successfully [illegible] with harvesting done in late August and the first part of September.

[illegible]	1969	12,900	22.00	284,000	Ton	7.75	2,201,000
	1968	8,700	22.00	191,400		7.60	1,455,000

[illegible] started the end of May and continued into July. By mid-July, silage [illegible] found in all stages of maturity. Cutting started the end of August and [illegible] into October. During the season, demand was strong.

[illegible]	1969	20,400	2.66	54,300	Ton	46.00	2,498,000
	1968	22,700	2.75	62,400		46.00	2,870,000

[illegible] started the latter part of April and continued into July. During August [illegible] of greenbug in numerous fields required control measures. By [illegible] part of September, some fields were ready for harvest.

	1969	27,180	23.30	633,000	Ton	13.27	8,400,000
	1968	20,200	25.70	520,000		13.70	7,124,000

[illegible] of sugar beets, held over from the previous year, finally started the [illegible]. Record yields and high sugar content resulted. During April, sugar [illegible] being harvested and new fields were being planted. The last part of Ja[illegible] [illegible] serious damage to many fields of new beets, which required extensive [illegible].

	1969	7,600	.85	6,460	Ton	180.00	1,163,000
	1968	5,380	.87	4,680		200.00	936,000

[illegible] the planting in late March to the harvesting in October, had a [illegible] during the growing period. Final results were good yields

	1969	7,800	2.20	17,200	Ton	46.00	791,200
	1968	8,300	1.80	14,800		47.00	695,600

[illegible] about the same problems as related under barley. [illegible] good yields and quality.

1969	[illegible]	$ 49,029,900
1968	634,260	47,826,400

FIELD CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Feed Grain Program	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		388					5,212
Land Under Soil Bank		91					963
TOTAL		13,961				$	471,650
Feed Grain Program	1968						
Corn		1,997				$	61,559
		1,855					45,231
Grain Sorghum		763					19,947
		404					10,495
Barley		0					0
Wheat		3,254					199,676
		0					0
Crop Land Adjustment		88					5,212
Land Under Soil Bank		2,668					41,645
TOTAL		10,879				$	383,765
GAS TOTAL	1969	636,221				$	49,501,550
	1968	645,133					48,210,165

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Asparagus	1969	28,700	1.55	44,500	Ton	$ 357.44	$ 15,906,000
Total	1968	28,800	1.73	49,900		356.91	17,810,000
	1969		.52	14,900		400.00	5,960,000
	1968		.57	16,300		400.00	6,520,000
[illegible]	1969		1.03	29,600		336.00	9,946,000
	1968		1.16	31,600		336.00	11,290,000

[illegible] part of March, cutting of asparagus for fresh market was in [illegible]. Cutting of asparagus proceeded in fair volume through the first part [illegible]. However, by mid-April, diversion to the processors decreased the [illegible] to fresh market. By the end of April, most of the production was destined [illegible] processors. Harvesting operations were nearly completed by mid-June, and [illegible] allowed to go to fern. Yield and quality were good; prices were [illegible]

[illegible]	1969	856	1.20	1,030	Ton	90.00	92,700
	1968	XXX					XXX
[illegible]	1969	1,290	[illegible]	5,790		102.00	591,000
	1968	5,400	[illegible]	10,500		97.00	1,048,000

[illegible] of this crop went to the processor. Yields were fairly good, but [illegible] quality substantially reduced new yields. Acreage dropped to nearly [illegible] as the previous year.

	1969	47	6.25	294	Ton	80.00	23,500
	1968	[illegible]	13.90	[illegible]		54.00	21,100
	1969	[illegible]	[illegible]	6,700		85.00	824,500
	1968	[illegible]	[illegible]	[illegible]		90.00	738,000

[illegible] good prices. Harvesting of this [illegible]

	1969	[illegible]	[illegible]	[illegible]	Ton	180.00	243,000
	1968		[illegible]	[illegible]		165.00	211,200

[illegible] the quality. Most of the crop [illegible]

	1969	[illegible]	[illegible]	[illegible]	(46#)	2.50	81,300
	1968	[illegible]	[illegible]	22,500	pkg)	2.80	63,000

[illegible] good quality this year. There was a minimum of problems with [illegible]

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND GROSS VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value Per Unit	Total
Cucumbers*	1969	1,310	11.60	15,200	Ton	$ 80.10	$ 1,218,000
	1968	1,610	11.70	18,800		83.80	1,575,000

By mid-May, growers were planting their fields. The crop progressed without interruption, with good growing conditions. Harvest operations started about the first of July, and continued into August. A tight labor market was a constant concern to growers.

Lettuce, Head	1969	400	600.00	240,000	(3$)	2.25	540,000
	1968	665	350.00	232,500	(Est)	1.75	407,400

The first of September, growers experienced trouble with worms and tip burn. Harvest started the latter part of September. Quality ranged from fair to good. During October, considerable damage resulted from worms; growers lost approximately 200 acres. Harvest was completed by November. Early lettuce brought a very poor price. However, the last cuttings of lettuce salvaged operations for some growers, with exceptionally high prices.

Melons, Total	1969	2,799	10.89	30,493	Ton	43.29	1,320,000
	1968	1,850	11.24	20,790		32.81	682,100
Cantaloupe	1969	52	4.10	213		98.40	20,900
	1968	100	6.90	690		54.50	37,600
Casaba	1969	700	12.60	8,820		31.00	273,400
	1968	400	8.50	3,400		29.00	98,600
Cranshaw	1969	56	7.00	390		121.00	47,200
	1968	80	10.00	900		115.00	103,500
Watermelon	1969	1,670	10.60	17,700		41.00	725,700
	1968	1,200	12.50	15,000		28.00	442,400
Honeydew	1969	321	10.50	3,370		75.00	252,800
	1968	55*					XXX

Growth of melons was slow during the month of May, due to cool weather; however, warmer weather stimulated vine growth. By mid-July, harvesting of melons started on a limited scale. During the season, yields remained low. Consequently, prices advanced to as high as $60.00 per ton. Hot summer weather retarded blossom set and held yields to lower than average level. Quality was very good. Casaba were of good yield and quality. Demand was strong.

* Data supplied by California Crop & Livestock Reporting Service

ORIGINAL DEFECTIVE

CROPS: ACREAGE, PRODUCTION, AND GROSS VALUE, 1969 & 1968 cont'd

Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value Per Unit	Total
1969	1,870	283.58	1,553,500	50#)	$ 1.70	$ 2,634,300
1968	1,900	854.39	1,577,000	sack)	1.59	2,501,000
	1,520	800.00	1,216,000		1.75	2,128,000
	1,300	865.00	1,197,000		1.55	1,855,000
1969	450	750.00	337,500		1.50	506,300
1968	190	775.00	380,000		1.70	646,000

Growing conditions during April developed quality onions. Harvesting started the first part of May and continued into October, with good yields.

1969	540	1.50	810	Ton	87.25	70,700
1968	XXX					XXX

Although planting of this crop was delayed due to wet soil, by early May there were good stands about a foot high. Harvesting started in late May and was completed early in June. The entire crop went to processors.

This crop has been included with beets and spinach in previous years.

1969	925	10.00	9,250	Ton	90.20	834,000
1968	1,100	12.00	13,200		85.00	1,122,000

Fields were prepared early in April. In late June, transplants were going into the ground. Favorable growing conditions prevailed up to the harvest season, in September and November. Some peppers went to fresh market, but predominant movement was to the processors.

1969	3,600	320.00	1,152,000	Cwt.	2.50	2,880,000
1968	3,820	315.00	1,203,000		2.30	2,767,000

Planting took place during the month of April. No special problems encountered during the growing season. Growers, with fields of [illegible] carried out their usual elaborate pest control programs of potato diseases. Harvesting started the latter part of September to almost the end of the year.

1969	1,400			Ton	$ XX	$ 310,900
1968	210	17.50	13,700		15.00	295,000
	520	21.00	11,000		11.00	121,000
	XXX					XXX
	340	21.00	6,330		30.00	189,900
1968	XXX					XXX
1969	355	15.00	5,330		32.00	175,900
1968	290	11.00	3,200		33.75	108,000

[illegible] was good. Growers experienced trouble with [illegible]

VEGETABLE [illegible] AND GROSS VALUE, 1969 & 1968 cont'd

Crop	Year	[illegible] Acreage	[illegible] Per Acre	Total	Unit	Gross Value Per Unit	Gross Value Total
Sweet Potatoes	1969	[illegible]	180.00	47,700	40#)	$ 2.80	$ 133,600
	1968	[illegible]	[illegible]	[illegible]	ctn)	3.00	112,000

Growers of sweet [illegible]. Quality was fair. Acreage for the county [illegible].

Tomatoes, Total	1969	[illegible]	[illegible]	[illegible]	Ton	35.93	25,238,000
	1968	51,[illegible]	[illegible]	[illegible]		40.47	44,256,000
Shipping	1969	[illegible]	[illegible]	[illegible]		182.00	7,207,000
	1968	[illegible]		[illegible]		145.00	7,613,000
Processing*	1969	[illegible]	[illegible]	[illegible]		27.20	18,031,000
	1968	[illegible]		[illegible]		35.20	36,643,000

Direct seeding of tomato [illegible] in [illegible] and continued into May. Transplants started in early April. A number of fields, suffering damage from flea beetles and cutworms, required control measures. By the first of September, harvest was in full swing. [illegible] of many fields was soon strongly curtailed; due to pre-rating by the [illegible] in lower yields for many growers. Mold became a problem [illegible] of fields the latter part of September, due to rain.

Beets & Spinach	[illegible]	[illegible]	$ 81,250
	[illegible]	[illegible]	161,000
Truck Garden	[illegible]	[illegible],500	2,000,000
	[illegible]	[illegible],700	2,500,000
[illegible]	[illegible]	[illegible]	$ 55,198,650
	[illegible]	[illegible]	76,377,800

* [illegible] Service

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968

	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
[illegible]	1969	18,155	1.20	21,800	Ton	$ 600.00	$ 13,100,000
	1968	18,934	.58	11,000		580.00	6,380,000
[illegible]	1969			12,000		10.00	120,000
	1968			5,000		10.00	50,000

[illegible] almonds had started blooming, rains had stopped and the weather [illegible]. Ideal pollination conditions resulted in a heavy set of nuts. With [illegible] growing and harvesting conditions, yields were high and quality good. [illegible] also improved over the previous year.

[illegible]	1969	2,992	8.90	26,600	Ton	120.00	3,192,000
	1968	2,474	8.73	21,600		155.00	3,348,000

[illegible] was considerable apprehension by growers at the time of blooming due to the rain. Brown rot, however, was held to a minimum with appropriate fungicide applications. The remainder of the season good growing conditions prevailed. The final crop was of good quality and high yields, with an additional bonus of [illegible] price.

[illegible], Total	1969	7,474	2.72	20,300	Ton	561.08	11,390,000
	1968	8,295	2.39	19,860		540.94	10,743,000
[illegible]	1969			13,600		670.00	9,112,000
	1968			11,000		735.00	8,085,000
[illegible]	1969			6,700		340.00	2,278,000
	1968			8,860		300.00	2,658,000

[illegible] of the early varieties, an unusual defect of internal discoloration [illegible] found to be rather widely spread. This was prevalent particularly [illegible] variety, resulting in losses to a number of growers. Fortunately, [illegible] comprises the bulk of the cherry crop, was virtually free [illegible] the absence of brown rot and favorable weather outstanding, [illegible] produced, especially in the Bing and Lambert varieties.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Grapes, All	1969	43,455	8.69	377,665	Ton	$ 71.40	$ 26,956,900
Total	1968	45,817	5.58	255,601		80.48	20,572,400
Table, All	1969	21,677	10.09	218,765		62.33	14,720,900
Total	1968	23,382	5.84	136,503		76.77	10,479,400
Tokay, Total*	1969	20,875	11.09	229,723		62.45	14,347,000
	1968	22,275	5.86	130,450		78.13	10,193,000
Fresh	1969			1,936,400	25#)	2.55	4,938,000
	1968			2,520,000	pkg)	2.30	5,796,000
Crushed	1969			204,350	Ton	46.00	9,409,000
	1968			97,700		45.00	4,397,000
Other Table,	1969	803	8.00	6,442		58.04	373,900
Total	1968	1,107	5.46	6,041		47.41	286,400
Fresh	1969			34,000	26#)	2.35	79,900
	1968			26,200	pkg)	2.00	52,400
Crushed	1969			6,000	Ton	49.00	294,000
	1968			5,700		41.00	234,000
Wine Varieties,	1969	21,777	6.50	141,500		86.47	12,236,000
Total	1968	22,435	5.31	119,100		84.74	10,093,000
Fresh	1969			25,600		152.00	3,891,000
	1968			23,300		146.00	3,373,000
Crushed	1969			115,900		72.00	8,345,000
	1968			93,800		70.00	6,720,000

In the southern portion of the county, table grapes were of good quality. Growers also enjoyed favorable yields and prices. In the northern portion of the county, referred to as the Lodi area, grape harvesting started by the end of August. By mid-September, a few wineries had started crushing. The sugar content was extremely low and remained low during the season. Crushing operations were completed by the first of December. Worthy of note was the record crop of Tokay's -- the largest in 20 years. The total tonnage of all grapes was the third largest in the past twenty years. The shipment of Tokay's to fresh market was approximately 1/3, which was the lowest in the past twenty years.

* Tokay production figures supplied by Tokay Marketing Agreement

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND GROSS VALUE, 1969 & 1968 cont'd

		Production				Gross Value	
	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
[illegible]	1969	42	6.80	286	Ton	$ 270.00	$ 77,200
	1968	106	6.50	689		260.00	179,000
[illegible]	1969	196	2.25	441		316.00	139,000
	1968	210	3.70	777		330.00	256,000
[illegible] All	1969	7,464	10.72	80,000	Ton	73.00	5,844,950
[illegible]	1968	7,694	9.83	75,640		79.50	6,013,000
[illegible]	1969	6,299	10.76	67,800		74.00	5,017,200
[illegible]	1968	7,137	9.04	64,500		76.00	4,902,000
[illegible]	1969	1,165	10.52	12,250		67.57	827,750
[illegible]	1968	557	20.00	11,140		99.77	1,111,000
[illegible]	1969			79,300	24#)	2.25	178,000
	1968			153,000	pkg)	2.55	390,000
[illegible]	1969			11,300	Ton	57.50	649,750
	1968			9,300		77.50	721,000

[illegible] peaches were of good quality and size. The clingstone orchards [illegible] quality and size. Some growers enjoyed good quality and yields; [illegible] other growers had heavy grade-out of pickle size fruit. Brown rot [illegible] crop was prevalent in some varieties. Once more, all peach and [illegible] orchards were surveyed for the virus disease, Yellow Leaf Roll.

[illegible]	1969	1,000	5.63	5,630	Ton	102.00	574,300
	[illegible]	[illegible]	4.22	4,200		121.00	508,000

[illegible] There was about half the usual crop and the

[illegible]	[illegible]	[illegible]	2.09	1,0[illegible]	Ton	262.00	269,900
[illegible]	[illegible]	[illegible]	[illegible]	1,[illegible]		270.00	313,000

[illegible] general. [illegible] varieties did not produce a crop. [illegible] over the preceding season.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Strawberries, Total	1969	121	5.36	648	Ton	$ 351.23	$ 227,600
	1968	134	7.40	992		378.43	375,400
Fresh	1969			232		461.00	107,000
	1968			456		400.00	182,400
Processing	1969			[illegible]		290.00	120,600
	1968			[illegible]		360.00	193,000

By mid-April, strawberries were in full bloom, resulting in a good set. Yields of quality fruit were harvested. Prices were improved for fresh market fruit, but fruit to the processor dropped substantially.

Walnuts, English	1969	21,030	.81	17,000	Ton	500.00	8,500,000
	1968	20,999	.66	13,900		700.00	9,730,000

There was a good set of walnuts on all varieties. Favorable weather during harvest period permitted growers to obtain maximum yields in all varieties without losses. The prolonged hot weather during the latter part of the summer caused heavy sunburn damage. This was especially evident in the Payne variety. Prices received by growers were mediocre to very poor, especially in lots of poor quality. The price offering was so low that a number of growers were still holding their crop, by the end of the year.

Misc. apples, figs, oranges, chestnuts, pecans, persimmons, [illegible], black [illegible] [illegible]	1969						245,000
	1968						276,500
[illegible]	[illegible]	[illegible]					$ 70,636,850
	[illegible]	[illegible]					58,744,300

SEED CROPS: ACREAGE, PRODUCTION, AND *GROSS* VALUE, 1969 & 1968

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Alfalfa	1969	37	486.	18,000	Lb.	$ .39	$ 7,000
	1968	73	650.	47,500		.40	19,000
[illegible]	1969			20,000		2.00	40,000
	1968			9,800		2.50	24,500
[illegible]	1969	2,940	2,759.	8,085,000		.027	218,300
	1968	2,864	2,400.	6,874,000		.025	172,000
[illegible]ans, Certified Seed							
Dark Red	1969	2,300	12.	27,600	Cwt.	14.50	400,000
Kidney	1968	1,800	16.	28,800		16.50	475,000
[illegible]nt Red	1969	5,800	15.	87,000		15.00	1,305,000
[illegible]ney	1968	4,200	17.	71,400		17.00	1,214,000
White	1969	70	15.	1,050		16.00	16,800
	1968	160	20.	3,200		10.00	32,000
[illegible]	1969	100	15.3	1,530		10.00	15,300
	1968	230	15.	3,450		8.00	27,600
[illegible]	1969	95	16.	1,500		18.00	27,000
	1968	10	24.	240		18.00	4,320
	1969	[illegible]	16.5	2,700		15.00	40,500
	1968	85	15.	1,300		10.00	13,000
	1969	780	440.	343,200	Lb.	.60	205,900
	[illegible]	[illegible]	450.	243,000		.74	180,000
	[illegible]	[illegible]	1,560.	2,610,000		.025	65,250
	1968	[illegible]	1,500.	1,850,000		.026	48,100
	[illegible]	178	250.	44,500		1.50	66,750
	[illegible]	[illegible]	315.	75,600		1.35	102,000
	[illegible]	[illegible]	[illegible]	[illegible]	Cwt.	3.95	1,300,000
	[illegible]	[illegible]	[illegible]	413,000		4.00	1,652,000
	[illegible]	[illegible]	[illegible]	[illegible]	Lb.	.065	43,900
	[illegible]	[illegible]	[illegible]	[illegible]		.065	32,200
	1969	[illegible]	[illegible]	[illegible]		1.52	318,900
	[illegible]	[illegible]	[illegible]	[illegible]		2.13	377,000
	1969	405	3,500.	1,417,000		.030	42,500
	1968	538	3,000.	1,614,000		.030	48,400
	1969	[illegible]					$ 4,113,100
	[illegible]	[illegible]					4,421,120

NURSERY PRODUCTS: PRODUCTION AREA, SALES AND GROSS VALUES, 1969 & 1968

Item	Year	Production Area House sq.ft.	Production Area Field Acres	Quantity sold by Producers	Unit	Gross Value Per Unit	Gross Value Total
Nursery Crops							
Deciduous Fruit & Nut Trees*	1969		25.0	343,700	Plant	$ 1.15	$ 395,000
	1968		27.0	540,000		1.20	648,000
Grape Vines	1969		[illegible]	240,000		.18	43,300
	1968		10.0	185,000		.18	33,300
Vegetable Plants							
Field grown, Total	1969			151,930,000	Plant		823,270
	1968			132,100,000			820,200
Asparagus	1969			35,900,000		.01	359,000
	1968			53,300,000		.01	513,000
Celery	1969			30,000		.009	270
	1968			300,000		.009	2,700
Onions	1969			80,000,000		.001	80,000
	1968			60,000,000		.001	60,000
Peppers	1969			26,000,000		.009	234,000
	1969			10,500,000		.009	94,500
Tomatoes	1969			10,000,000		.015	150,000
	1968			10,000,000		.015	150,000
Ornamental Trees & Shrubs**	1969		27.0	422,000		.85	358,700
	1968		27.5	560,000		1.10	616,000
Bedding Plants	1969	30,000		46,000	Flat	2.60	119,600
	1968	29,000		45,000		2.35	105,750
[illegible]	1969	[illegible]		2,500,000	Plant	.25	625,000
[illegible]	1968	[illegible]		2,170,000		.29	629,300
[illegible] Decorative	1969	[illegible]		206,000		1.20	247,200
[illegible]	1968	[illegible]		155,500		1.48	230,140
[illegible]	1969	[illegible]		200,000		.09	18,000
	1968	[illegible]		52,000		.35	18,200
[illegible]	1969	[illegible]		[illegible]	Each	1.50	42,600
[illegible]	1968	[illegible]		24,000		1.35	32,400
[illegible]	1969			[illegible]		.07	49,000
[illegible]	1968			800,000		.07	56,000
[illegible], etc.							
Cut Flowers & Decoratives	1969		9.25		Acre	130.00	1,200
	1968		8.0			100.00	800
Total	1969		79.25				$ 2,722,870
	1968						3,190,090

* [illegible]

LIVESTOCK AND POULTRY: PRODUCTION AND *GROSS* VALUE, 1969 & 1968

Item	Year	Production No. Head	Production Total Liveweight	Unit	*Gross* Value Per Unit	*Gross* Value Total
[illegible] and Calves	1969	69,400	400,000	Cwt.	$ 25.55	$ 10,220,000
	1968	55,800	341,200		22.66	7,732,000
[illegible] Lambs	1969	83,500	79,500		22.25	1,769,000
	1968	77,900	76,000		20.44	1,554,000
[illegible] Pigs	1969	27,300	56,400		23.33	1,316,000
	1968	24,200	52,000		19.90	1,035,000
[illegible] Fryers	1969	3,039,000	10,637,000	Lb.	.19	2,021,000
	1968	2,466,000	8,631,000		.17	1,467,000
[illegible] Chickens	1969	1,578,000	7,496,000		.10	750,000
	1968	1,523,000	8,377,000		.10	838,000
	1969	88,500	1,726,000		.24	414,200
	1968	123,600	2,472,000		.22	544,000
[illegible]: [illegible], Squab, [illegible] etc.	1969	41,000		Each	1.50	61,500
	1968	54,000			2.00	108,000
[illegible]	1969	XXX				$ 16,551,700
	1968	XXX				13,278,000

The market was strong for cattle, especially the latter part of the year. The number of head to market increased substantially over the previous year. Broiler and fryer production increased over 1968, along with a stronger price. Nearly all livestock and poultry prices improved during the year.

APIARY PRODUCTS: PRODUCTION AND *GROSS* VALUE, 1969 & 1968

Item	Year	Production Total	Unit	Per Unit	Total
[illegible]	1969	764,700	Lb.	$ .12	$ 91,800
	1968	290,000		.12	34,800
[illegible]	1969	9,400	Lb.	.58	[illegible]450
	1968	2,610		.60	1,5[illegible]
[illegible]	1969	26,400	Colony	6.00	[illegible]00
	1968	29,400		6.60	194,000
[illegible]	1969	XXX			$ 255,650
	1968	XXX			230,370

There was a dramatic increase in honey production over the previous year, of nearly three times. Beeswax increased over three times the 1968 production. An abundance of moisture provided excellent growth for wild flowers with a sustained nectar flow.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION & *GROSS* VALUE, 1969 & 1968

Item	Year	Production	Unit	Per Unit	Total
Milk, Total	1969	5,702,000	Cwt.	$	$ 27,422,000
	1968*	5,587,000			25,896,000
Market	1969	4,871,000		4.92	23,965,000
	1968	4,784,000		4.73	22,676,000
Manufacturing	1969	831,000		4.16	3,457,000
	1968	793,000		4.06	3,220,000
Wool**	1969	717,400	Lb.	.59	423,300
	1968	674,000		.67	452,000
Eggs, Chicken	1969	67,238,000	Doz.	.33	22,188,000
Market	1968	67,696,000		.27	18,278,000
TOTAL	1969	XXX			$ 50,033,300
	1968	XXX			44,626,000

Most significant was the improved returns to poultry men on eggs. A strong market prevailed the latter part of the year.

JANUARY 1 INVENTORIES OF LIVESTOCK & POULTRY, 1969 & 1968
IN NUMBER OF HEAD

Item	January 1, 1969	January 1, 1968
Cattle & Calves, All	180,400	174,900
Milk Cows 2 years and over	52,800	53,700
Sheep and Lambs, All	33,100	40,000
Hogs and Pigs	11,300	9,400*
Hens & Pullets of laying age	3,955,000	3,385,000

* Revised
** Value includes government payment

PERMANENT CROPS

[illegible]	Bearing Acreage	Non-Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
			GRAPES (Raisin)		
	667.5	11.[illegible]	Muscat	19.3	0
	95.2	0	Thompson Seedless	562.7	0
	41.4	[illegible]	[illegible]	582.0	0
	[illegible]	[illegible]			
	[illegible]	[illegible]	GRAPES (Table)		
	[illegible]	[illegible]	[illegible]	11.5	0
	391.6	407.[illegible]	[illegible]	32.4	0
	[illegible]246.7	4,930.6	[illegible]	25.7	0
	502.7	54.6	[illegible]	13.3	0
	4,[illegible]	[illegible]	[illegible]	28.3	0
	14.5	[illegible]	[illegible]	11.7	0
	[illegible]	[illegible]	[illegible]	17.0	0
	18,156.8	8,036.4	[illegible]	59.6	0
			Tokay	20,874.7	106.8
			Other	21.8	6.0
	8.7	74.1	TOTAL	21,096.0	112.8
[illegible]	5.6	64.2			
[illegible]	6.5	0	GRAPES (Wine)		
	2.6	21.9	Alicante-Bouschet	1,032.1	0
	23.4	160.2	Barbera	40.5	6.0
			Burger	581.6	59.1
			Cabernet-Sauvignon	62.1	.6
	1,787.5	55.0	Carignane	7,064.6	150.9
	1,14[illegible].2	261.9	Chenin blanc	64.0	415.1
	59.7	[illegible]	[illegible] Riesling	43.2	5.0
	2,992.4	[illegible]	[illegible] Columbard	329.6	450.2
			Gray Riesling	94.4	14.6
			Grenache	2,494.0	14.4
	[illegible]284.7	1,565.5	[illegible]	10.0	0
	[illegible]	25.4	[illegible]	1,133.8	0
	[illegible]	0	[illegible]	523.4	0
	30.2	[illegible]	[illegible]	343.8	0
	[illegible]	0	[illegible]	68.0	0
	[illegible]	[illegible]	[illegible]	92.9	0
	[illegible]	11.8	[illegible]	55.8	0
	[illegible]	[illegible]	[illegible] Cabernet	82.0	16.4
	[illegible]	0	[illegible]	188.7	0
	[illegible]	[illegible]	[illegible]	20.9	0
	[illegible]	[illegible]	[illegible]	49.3	0
	100.7	[illegible]	[illegible]	21.0	0
	[illegible]	[illegible]	[illegible]	28.0	0
	[illegible]	[illegible]	[illegible]	261.2	23.1
			[illegible]	6,960.4	478.5
	[illegible]	[illegible]	[illegible]	122.2	37.0
			[illegible]	9.1	1.8
	1.6	0	TOTAL	21,776.6	1,672.7
	.3	0			112.8
					1785.5

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
[illegible]		
[illegible]	3.8	0
[illegible]	5.6	0
[illegible]	13.6	0
[illegible]	19.4	0
[illegible]	[illegible]	0
[illegible]	[illegible]	0
[illegible]	188.5	0
[illegible]	39.0	2.1
[illegible]	[illegible]	0
[illegible]	6.1	0
[illegible]	[illegible]	2.1
[illegible]		
[illegible]	991.5	137.9
[illegible]	9.0	0
[illegible]	1,000.5	137.9
[illegible]		
[illegible]	51.5	0
[illegible]	13.8	44.7
[illegible]	368.3	157.1
[illegible]	177.8	114.2
[illegible]	136.1	17.7
[illegible]	233.7	0
[illegible]	850.1	37.8
[illegible]	213.8	1.5
[illegible]	591.9	50.9
[illegible]	274.4	27.0
[illegible]	1,577.2	177.1
[illegible]	48.0	42.7
[illegible]	72.3	47.6
[illegible]	268.0	134.1
[illegible]	244.6	29.8
[illegible]	81.0	11.4
[illegible]	96.0	10.6
[illegible]	35.3	0
[illegible]	99.4	0
[illegible]	30.3	0
[illegible]	30.2	0
[illegible]	426.1	49.6
[illegible]	58.7	0
[illegible]	315.1	0
[illegible]	279.4	30.6
[illegible]	67.1	8.1
[illegible]	60.1	70.1
	6,291.0	1,062.6

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
PEACHES-FREESTONE		
Alamar	10.0	0
Elberta	365.1	53.7
Fay Elberta	651.4	91.8
Kim Elberta	18.6	4.5
La Fiesta	5.0	0
Red Haven	17.2	0
Rio Oso Gem	52.8	16.5
Other	45.1	10.4
TOTAL	1,165.2	176.9
PECAN (All)	.4	0
PERSIMMON (All)	.4	0
PISTACHIO (All)	0	7.0
PLUMS		
Ace	5.3	0
Duarte	32.8	0
El Dorado	59.3	0
Laroda	43.2	0
Late Santa Rosa	10.7	0
Nubiana	18.3	0
Santa Rosa	147.7	0
Satsuma	25.5	0
Sugar	18.5	0
Tragedy	112.2	3.3
Other	18.9	1.0
TOTAL	492.4	4.3
WALNUTS-ENGLISH		
Ashley	50.1	408.1
Concord	24.4	0
Eureka	6,273.9	808.7
Franquette	3,376.7	72.4
Grove	81.5	0
Hartley	3,821.2	1,054.3
Hybrid	.9	47.3
Marchetti	0	48.6
Mayette	442.3	7.5
Nugget	107.3	7.1
Payne	6,477.6	1,062.1
Pedro	0	69.0
Serr	2.6	42.4
Tehama	0	102.1
Trinta	3.5	37.0
Vina #4949	59.2	20.0
Waterloo	299.9	22.2
Other	9.1	98.0
TOTAL	21,030.2	3,906.8
WALNUTS-BLACK (All)	35.6	639.7
		675.3
FINAL TOTAL ACRES	102,392.4	18,642.7

SUMMARY

Item	1969	1968
Field Crops	$ 49,501,550	$ 48,210,165
Vegetable Crops	55,198,650	76,377,800
Fruit & Nut Crops	70,636,850	58,744,300
Seed Crops	4,113,100	4,421,120
Nursery Products	2,722,870	3,190,090
Livestock & Poultry	16,551,700	13,278,000
Apiary Products	255,650	230,370
Livestock & Poultry Products	50,033,300	44,626,000*
TOTAL	$ 249,013,670	$ 249,077,845*

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

1969			1968		
Crop	Acreage	*Gross* Value	Crop	Acreage	*Gross* Value
[illegible]	5,702,000 cwt.	$ 27,422,000	Tomatoes	51,700	$ 44,256,000
[illegible]	43,455	26,956,900	Milk	5,587,000 cwt.	25,896,000*
[illegible]	37,460	25,238,000	Grapes	45,818	20,572,400
[illegible]	67,235,000 doz.	22,188,000	Eggs	67,696,000 doz.	18,278,000
[illegible]	28,700	15,906,000	Asparagus	28,800	17,810,000
[illegible]	18,155	13,100,000	Alfalfa	66,500	12,209,000
[illegible]	61,600	12,162,000	Cherries	8,295	10,743,000
[illegible]	7,474	11,390,000	Walnuts	21,499	9,742,500
[illegible]	400,000 cwt.	10,220,000	Beef	341,200 cwt.	7,732,000
[illegible]	21,030	8,500,000	Sugar Beets	20,200	7,124,000
		$ 173,082,900			$ 174,362,900*

San Joaquin County
Department of Agriculture
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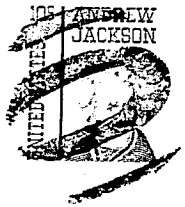
Stockton, Calif. 95201



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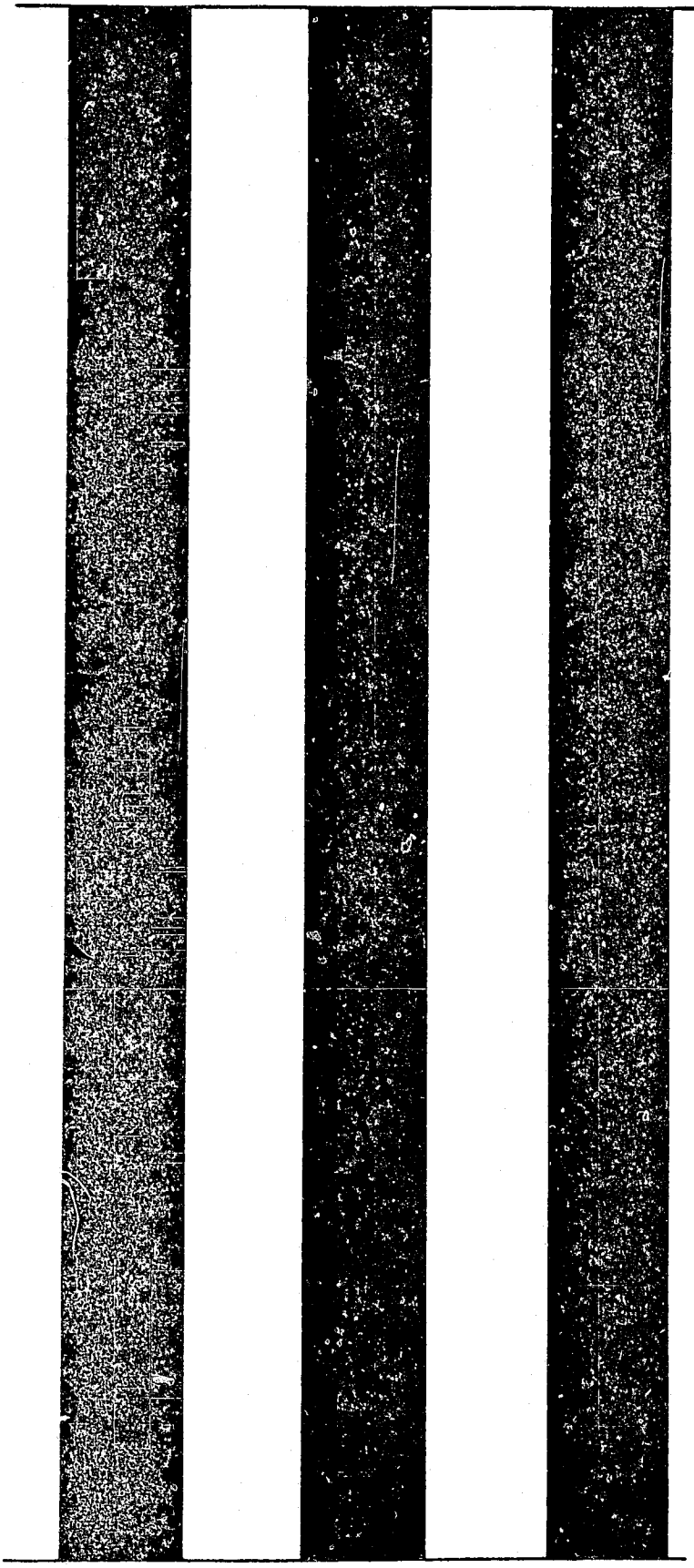

1970

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AGRICULTURAL REPORT

San Joaquin County Department of Agriculture

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RICHARD E. DeVOL
AGRICULTURAL COMMISSIONER

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

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

1970 ANNUAL CROP REPORT

Compiled by

GEORGE J. STIPE
and
KENNETH W. JONES

Deputy Agricultural Commissioners

****

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

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CLIFFORD C. WISDON, Chairman	District 2
GARY A. WILER	District 3
DAN S. PARISES	District 4
FRANK L. HOYT	District 5

****

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LEROY DRAKE

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Marvin J. Switzenberg	Deputy Commissioner
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Charles F. Davenport	Inspector
David C. Frieders	Plant Quarantine, Seed
Kenneth W. Jones	Enforcement Services
Douglas E. Mattes	Island District
R. Dale Odneal	Standardization, Plant Quarantine
John R. Solari	Linden District
Lyn Hawkins	Entomologist
Jack B. Gianelli	Botanist/Nursery Inspection

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Fred Minazzoli	Ripon District
William E. Long	Manteca District

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Frank H. Newhall	Lockeford/Clements District
Paul Switzenberg	Terminous/Thornton District

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Merion W. Duren	Tracy District
Mark G. Huffaker	Tracy District

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

CLERICAL STAFF

Elaine Cambell
Marjorie Peery
Louise Pulliam
Beverly Burdette

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

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value Per Unit	Gross Value 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
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
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
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

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.

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.

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

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

Crop	Year	Production Harvested Acreage	Production Per Acre	Production Total	Unit	Gross Value Per Unit	Gross Value 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 Total	1970	340,150			Acre	17.55	5,970,000
	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 Per Acre	Total	Unit	Gross Value Per Unit	Gross Value 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 improvment 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		---		-----
		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
TOTAL		13,961		$ 471,650

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

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	Gross Value Per Unit	Gross Value 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	Gross Value 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, monitary 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 Per Acre	Total	Unit	Gross Value Per Unit	Gross Value 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	Gross Value Per Unit	Gross Value 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	Gross Value Per Unit	Gross Value 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 Per Acre	Total	Unit	Gross Value Per Unit	Gross Value Total
GRAPES, ALL TOTAL	1970	43,819	3.42	149,902	Ton	$ 137.11	$20,553,500
	1969	43,455	8.69	377,665		71.40	26,956,900
Table, All Total	1970	21,708	2.98	64,702		110.38	7,141,500
	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, Total	1970	809	3.23	2,610		74.90	195,500
	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, Total	1970	22,111	3.85	85,200		157.42	13,412,000
	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 Harvested Acreage	Production Per Acre	Production Total	Unit	Gross Value Per Unit	Gross Value 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#)	2.46	217,200
	1969			79,300	pkg)	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 occured 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	Gross Value 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, figs, oranges, chestnuts, pecans, persimmons, prunes, bushberries)	1970						250,000
	1969						245,000
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 Harvested Acreage	Production Per Acre	Production Total	Unit	Gross Value Per Unit	Gross Value 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	1970	385	260	100,000		1.25	125,000
Seed	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	1970	160	518	82,900		1.16	95,900
Seed	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 Area House Sq.Ft.	Field Acre	Quantity Sold By Producers	Unit	Gross Value Per Unit	Gross Value 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	Production No. Head	Production Total Liveweight	Unit	Gross Value Per Unit	Gross Value 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,	1970	899,000		4.44	3,992,000
Revised	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

PERNAMENT 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
CHERRIES		
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
CITRUS (ALL)	1.6	0
FIGS	.3	0

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

82.3
1445.0

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
NECTARINES		
LeGrand	22.1	0
Rose	5.6	0
Sun Grand	13.6	0
Other	.9	0
TOTAL	42.2	0
OLIVES		
Ascolano	14.3	0
Manzanillo	108.5	0
Mission	40.4	.7
Olbonga	27.8	0
Sevillanos	6.1	0
TOTAL	197.1	.7
PEARS		
Bartlett	1,036.2	92.3
Other	9.9	0
TOTAL	1,046.1	92.3
PEACHES-CLINGSTONE		
Andora	51.5	0
Andross	20.4	46.2
Carolyn	410.3	134.1
Carson	196.4	107.0
Corona	131.2	2.8
Cortez	233.7	0
Dixon	883.5	12.6
Fortuna	221.3	0
Gaume	634.5	8.2
Gomez	287.5	13.9
Halford	1,618.7	132.3
Jungerman	59.6	29.7
Klampt	58.7	31.0
Loadel	141.1	99.1
Paloro	258.2	17.0
Peak	41.6	11.4
SEE 910	15.6	0
Shasta	35.3	0
Sierra	28.4	0
Sims	30.2	0
Stanford	56.2	0
Starn	446.0	30.0
Sullivan, Carol	56.9	0
Vivian	318.1	0
Wiser	278.0	23.0
Zolezzi	75.3	0
Other	71.1	69.1
TOTAL	6,659.3	767.7

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
PEACHES-FREESTONE		
Alamar	10.0	0
Elberta	372.4	46.4
Fay Elberta	659.7	86.9
Kim Elberta	18.6	4.5
La Fiesta	5.0	0
Red Haven	17.2	0
Rio Oso Gem	52.8	23.2
Other	46.5	24.3
TOTAL	1,182.2	185.3
PLUMS		
Ace	5.3	0
Duarte	32.8	0
El Dorado	59.3	0
Laroda	43.2	0
Late Santa Rosa	10.7	0
Nubiana	18.3	0
Santa Rosa	147.7	0
Satsuma	25.5	0
Sugar	18.5	0
Tragedy	112.2	3.3
Other	18.9	1.0
TOTAL	492.4	4.3
PRUNE - FRENCH	116.7	3.8
WALNUTS-ENGLISH		
Ashley	87.7	370.5
Concord	24.4	0
Eureka	6,454.7	627.9
Franquette	3,401.0	48.1
Grove	81.5	0
Hartley	4,023.5	857.3
Hybrid	.9	47.3
Marchetti	20.0	28.6
Mayette	442.3	7.5
Nugget	110.9	3.5
Payne	6,477.6	1,062.1
Pedro	25.0	44.0
Serr	2.6	48.5
Tehama	25.0	77.1
Trinta	3.5	37.0
Vina #4949	59.2	20.0
Waterloo	310.6	11.5
Other	9.2	99.3
TOTAL	21,559.6	3,390.2
WALNUTS-BLACK (ALL)	35.6	639.7
FINAL TOTAL ACRES	106,528.0	15,025.3

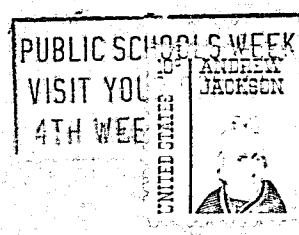
SUMMARY

Item	1970	1969
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

1970			1969		
Crop	Acreage	Gross Value	Crop	Acreage	Gross Value
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
		$ 166,968,500			$ 173,082,900

San Joaquin County
Department of Agriculture
P. O. Box 1809
Stockton, Calif. 95201



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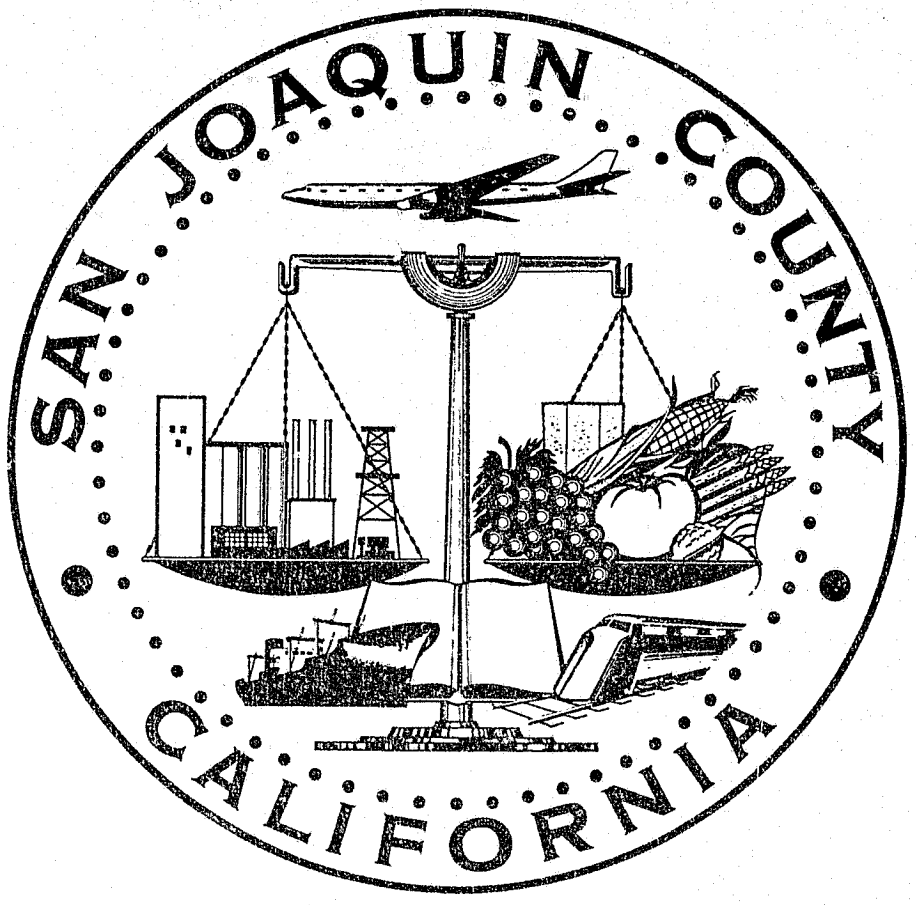

AGRICULTURAL REPORT

San Joaquin County Department of Agriculture

MAY 4 1972
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RICHARD E. DEVOL
AGRICULTURAL COMMISSIONER

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

****

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 — 210 N. Sacramento Street — 368-2757

Leslie G. Todd	Victor District
Ray A. Mahoney	Lockeford/Clements District
Edward J. Perry	Terminous/Thornton District
Paul Switzenberg	

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

Richard Raney	Frank Ramalho
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FIELD CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE, 1971 & 1970

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value 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	*Gross* 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 Total	1971	329,850			Acre	17.05	5,625,250
	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 Per Unit	Total	Unit	*Gross* Value 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 witha 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		XXX		XXXXX
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		XXX		XXXXX
TOTAL		10,102		$ 331,757
GRAND TOTAL	1971 1970	675,140 640,503		$ 65,051,202 52,924,257

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

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value 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 Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value 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 Per Acre	Total	Unit	*Gross* Value 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#)	5.90	97,300
	1970	120	200.00	24,000	ctn)	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	*Gross* 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	*Gross* Value Per Unit	*Gross* Value 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 Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value 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#)	3.55	4,317,000
	1970			899,400	pkg)	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#)	3.15	89,100
	1970			21,600	pkg)	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 consistantly 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 ninty 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 Per Acre	Total	Unit	*Gross* Value 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#)	2.75	169,400
	1970			88,300	pkg)	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 Per Acre	Total	Unit	*Gross* Value 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, figs, oranges, chestnuts, pecans, persimmons, prunes, bushberries)	1971						375,000
	1970						250,000
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 Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value 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	1971	2,430	16.8	40,800		14.00	571,200
Kidney	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		[illegible]	284,100
	1970	160	518.	82,900		[illegible]	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 Area House Sq.Ft.	Production Area Field Acre	Quantity Sold By Producers	Unit	*Gross* Value Per Unit	*Gross* 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 Total	1971			123,715,000	Plant		542,135
	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	Production No. Head	Production Total Liveweight	Unit	*Gross* Value Per Unit	*Gross* Value 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 Total	Unit	Per Unit	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
ALMONDS		
Davey	675.5	0
Drake	92.4	0
IXL	35.4	0
Jordanolo	491.1	0
Kapareil	21.2	3.0
Merced	1,486.9	1,058.2
Ne Plus Ultra	1,128.7	226.5
Nonpareil	12,797.7	3,313.8
Peerless	536.0	19.1
Texas	4,820.4	650.5
Thompson	107.1	237.1
Other	22.8	15.2
TOTAL	22,215.1	5,523.4
APPLES		
Delicious	13.1	52.5
Golden Delicious	8.1	69.5
White Astrachan	6.5	0
Other	9.7	23.2
TOTAL	37.4	145.2
APRICOTS		
Blenheim	1,700.8	.3
Tilton	1,328.7	215.0
Other	59.7	22.3
TOTAL	3,089.2	237.6
CHERRIES		
Bing	5,946.2	1,036.6
Black Tartarian	370.8	15.7
Burbank	6.3	0
Burlat	190.4	124.7
Chapman	37.4	2.0
Jubilee	13.2	31.7
Lambert	256.8	.9
Moreau	40.2	.6
Republican	13.7	1.1
Royal Ann	1,310.0	47.9
Seedlings	58.3	331.8
Van	101.4	25.4
Others	21.5	27.0
TOTAL	8,366.2	1,645.4
CHESTNUTS (ALL)	25.2	.6
CITRUS (ALL)	1.6	0
PISTACHIO	7.0	18.0

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
GRAPES (Raisin)		
Muscat	19.3	0
Thompson Seedless	545.0	0
TOTAL	564.3	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	12.7	0
Malaga	18.0	0
Ribier	59.6	0
Tokay	20,878.7	10.0
Other	25.8	0
TOTAL	21,106.0	10.0
GRAPES (Wine)		
Alicante-Bouschet	957.1	0
Alicante Gazen	24.5	0
Barbera	46.5	331.0
Black Malvoisie	34.7	0
Burger	567.7	40.0
Cabernet-Sauvignon	62.7	5.0
Carignane	7,122.5	103.5
Chenin Blanc	233.8	278.3
Emerald Riseling	46.2	2.0
French Columbard	466.3	452.6
Gray Riesling	109.0	0
Grenache	2,456.5	.2
Mission	1,084.3	0
Palomino	498.4	0
Petite Sirah	323.8	510.0
Pinot Noir	68.0	0
Riesling	21.0	0
Royalty	92.9	0
Rubired	55.8	0
Ruby Cabernet	98.4	0
Salvador	188.7	0
Sauvignon Vert	20.9	0
Semillon	49.3	0
St. Macaine	44.0	0
Tinta Madeira	28.0	0
Valdepenas	274.3	10.0
Zinfandel	7,188.0	564.9
Others	76.9	0
Rootstock	71.0	139.3
TOTAL	22,311.2	2,436.8

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non Bearing Acreage
NECTARINES		
LeGrand	21.8	0
Rose	5.6	0
Sun Grand	13.6	0
Other	.9	9.3
TOTAL	41.9	9.3
OLIVES		
Ascolano	14.3	0
Manzanillo	108.5	0
Mission	40.4	.7
Olbonga	27.8	0
Sevillanos	6.1	0
TOTAL	197.1	.7
PEARS		
Bartlett	1,049.5	88.0
Other	9.9	0
TOTAL	1,059.4	88.0
PEACHES-CLINGSTONE		
Andora	21.7	2.1
Andross	44.1	22.5
Carolyn	371.9	125.6
Carson	183.8	84.4
Corona	112.3	2.4
Cortez	158.7	0
Dixon	715.2	.3
Everts	0	26.9
Fortuna	155.7	0
Gaume	501.7	13.5
Gomez	225.5	0
Halford	1,360.2	118.6
Jungerman	59.6	26.2
Klampt	49.8	38.0
Loadel	140.7	137.7
McKnoght	15.4	0
Paloro	193.9	18.0
Peak	19.7	0
SEE 910	15.6	0
Shasta	31.5	0
Sierra	13.9	0
Sims	24.8	0
Stanford	47.6	0
Starn	399.4	40.0
Sullivan, Carol	12.9	3.8
Vivian	242.4	0
Wiser	263.6	16.5
Zolezzi	65.3	0
Other	42.6	59.5
TOTAL	5,489.5	729.6

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
PEACHES-FREESTONE		
Alamar	10.0	1.8
Bella Rosa	2.3	13.3
Elberta	352.9	40.0
Fay Elberta	632.6	85.8
Kim Elberta	20.5	4.5
La Fiesta	5.0	0
Red Haven	11.4	0
Rio Oso Gem	54.6	27.7
Other	35.6	19.1
TOTAL	1,124.9	192.2
PLUMS		
Ace	5.3	0
Duarte	32.8	0
El Dorado	59.0	0
Laroda	43.2	0
Late Santa Rosa	10.7	0
Nubiana	18.3	0
Santa Rosa	141.7	0
Satsuma	25.5	0
Sugar	13.5	0
Tragedy	104.7	3.3
Other	18.9	1.6
TOTAL	473.6	4.9
PRUNE-FRENCH	116.7	3.8
WALNUTS-ENGLISH		
Ashley	187.8	341.6
Concord	24.4	0
Eureka	6,587.9	494.9
Franquette	3,371.6	37.9
Grove	81.5	0
Hartley	4,076.3	767.3
Hybrid	.9	62.3
Marchetti	40.0	8.6
Mayette	449.3	.5
Nugget	110.9	3.5
Payne	6,708.1	877.4
Pedro	38.0	31.0
Serr	2.6	48.5
Tehama	38.0	64.1
Trinta	3.5	37.0
Vina #4949	74.2	5.0
Waterloo	310.2	7.7
Other	9.1	234.5
TOTAL	22,114.3	3,021.8
WALNUTS-BLACK (ALL)	75.5	594.1
FINAL TOTAL ACRES	108,416.2	14,661.4

SUMMARY

Item	1971	1970
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

1971				1970			
Crop	Acreage		*Gross* Value	Crop	Acreage		*Gross* 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
			$ 193,543,600				$ 166,968,500

San Joaquin County
Department of Agriculture
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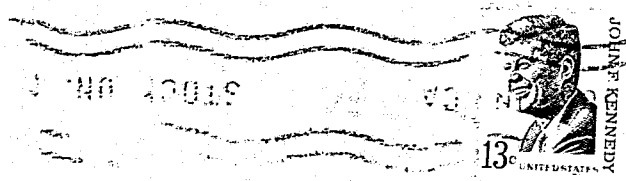
Stockton, Calif. 95201



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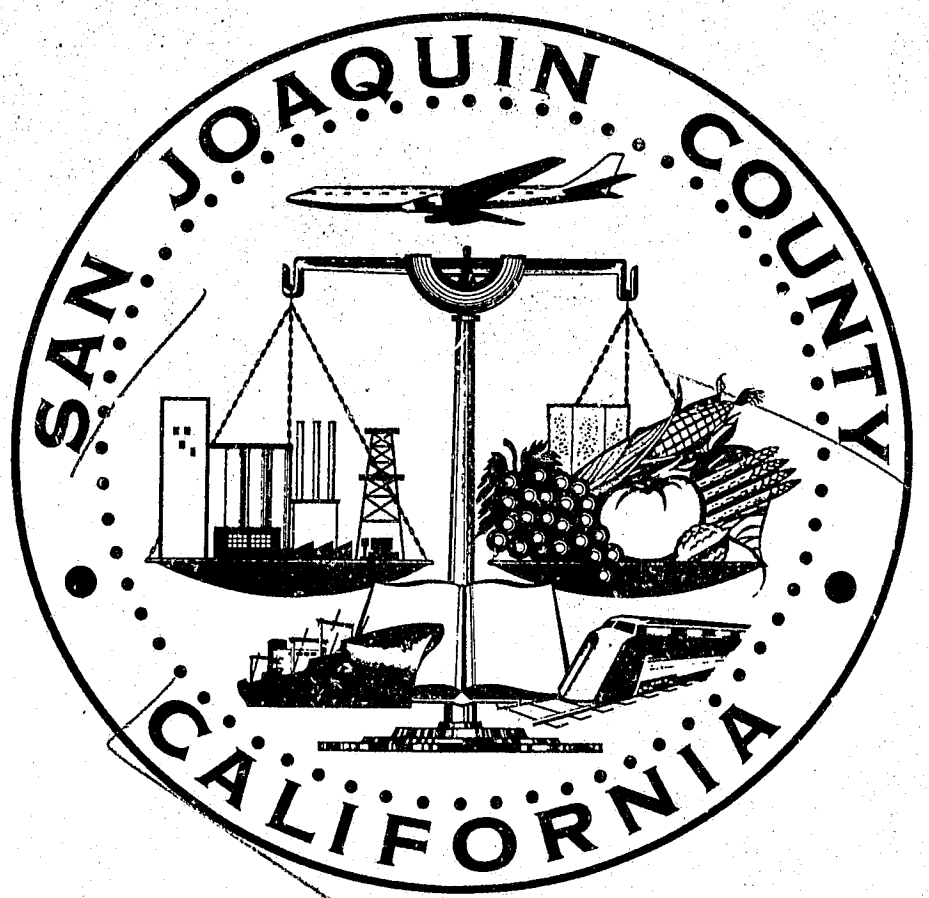

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San Joaquin County Department of Agriculture

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Department of Agriculture
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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.

RICHARD E. DEVOL
AGRICULTURAL COMMISSIONER

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-ninth 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 1972 was $301,120,911, an increase over the previous year, which was $273,086,967.

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

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

1972 ANNUAL CROP REPORT

Compiled by

GEORGE J. STIPE
and
KENNETH W. JONES

Deputy Agricultural Commissioners

****

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

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

****

COUNTY ADMINISTRATOR

LEROY J. DRAKE

PERSONNEL

STOCKTON OFFICE	1868 E. Hazelton Avenue	944-2693
Richard E. DeVol	Agricultural Commissioner	
Erwin B. Eby	Assistant Commissioner	
Jack B. Gianelli	Deputy Commissioner	
Kenneth W. Jones	Deputy Commissioner	
George J. Stipe	Deputy Commissioner	
Marvin J. Switzenberg	Deputy Commissioner	
Robert A. Croce	Calaveras District	
Douglas E. Mattes	Island District	
John R. Solari	Linden District	
Lyn S. Hawkins	Entomologist	
Donald E. Shephard	Pest Detection & Survey	
Arthur V. Moretto	Nematologist	
John C. Snyder	Field & Laboratory Technician	
Michael J. Croce	Enforcement Services	
Charles F. Davenport	Enforcement Services	
David C. Frieders	Enforcement Services	
William J. Gritz	Enforcement Services	
R. Dale Odneal	Standardization, Plant Quarantine	
ESCALON OFFICE	1540 Roosevelt Street	838-2276
MANTECA OFFICE	392 S. Moffat Boulevard	823-2221
Joseph F. Silva	Deputy Commissioner	
Allen L. Bugbee	Escalon District	
William E. Long	Manteca District	
Fred J. Minazzoli	Ripon District	
LODI OFFICE	210 N. Sacramento Street	368-2757
Leslie G. Todd	Deputy Commissioner	
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

Richard Raney
Herbert W. Callen
Donald T. Dickinson
Donald E. Fehling
Clinton C. McCarty
Frank Ramalho
Archie J. Shields
Dennis G. Stevens
Jerald T. Tarwater
Elbert Watson
Merle D. Worthen

CLERICAL STAFF

Elaine Campbell
Beverly Collins
Marjorie Peery
Louise Pulliam
Carole Zorniger

RETIRED...1972

Walton A. Bauer	Deputy Commissioner
Walter A. Beck	Crafts & Maintenance
Elwyn Arnold	Maintenance Man II

FIELD CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE, 1972 & 1971

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Barley	1972	46,000	2.00	92,000	Ton	$ 56.25	$ 5,175,000
	1971	42,900	2.10	90,100		53.50	4,820,000

Fields of barley under irrigation produced grain of good quality and high yields. Dry land production was exceptionally poor due to the lack of sufficient rainfall; some fields were not worth harvesting. Growers did enjoy good prices.

Beans, Dry Total	1972	18,530	20.94	388,100	Cwt.	16.35	6,345,000
	1971	17,834	17.67	315,200		13.49	4,251,700
Blackeye	1972	4,300	16.50	70,900		14.25	1,010,000
	1971	3,270	16.00	52,300		14.00	732,200
Kidney	1972	9,500	20.25	192,400		19.60	3,771,000
	1971	9,300	16.70	155,400		14.75	2,292,000
Lima	1972	4,100	27.75	113,800		12.00	1,366,000
	1971	4,580	21.00	96,200		11.00	1,058,000
Others	1972	630	17.50	11,000		18.00	198,000
	1971	684	16.50	11,300		15.00	169,500

Lima bean growers enjoyed excellent yields along with strong demand. Early fall rains caught a large percentage of cut blackeye beans in the field, which substantially lowered the quality. The major portion of the kidney bean crop was of good quality and yield. Some late plantings were adversely affected by early rains.

Corn	1972	41,800	3.15	131,700	Ton	58.10	7,652,000
	1971	52,500	3.25	170,600		53.00	9,042,000

The field corn had a good growing season stimulated by warm to hot weather. The harvesting operations were favorable for the production of quality corn, until early fall rains occurred. After this time, much of the corn, due to high moisture content, had to go to the dryer. This resulted in some weight loss and lower quality.

Hay, Total	1972	92,530	5.65	522,700	Ton	33.52	17,518,500
	1971	88,500	5.73	507,200		31.70	16,081,200
Alfalfa	1972	68,300	6.63	452,800		34.40	15,576,000
	1971	67,200	6.70	450,200		32.25	14,519,000
Grain	1972	18,500	3.40	62,900		28.00	1,761,000
	1971	14,000	3.35	46,900		28.00	1,313,000
Wild	1972	2,530	1.50	3,800		22.50	85,500
	1971	2,800	2.00	5,600		22.00	123,200

FIELD CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE, 1972 & 1971 cont'd

Crop	Year	Production Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Hay, cont'd							
Straw	1972	3,200	1.00	3,200	Ton	$ 30.00	$ 96,000
	1971	4,500	1.00	4,500		28.00	126,000

Although there were seasonal problems with insects, as the alfalfa weevil and caterpillar, the quality and production was relatively good. The season was unusually long, which netted some growers a seventh or extra cutting. Fall rains, however, did lower the quality of this last cutting. Demand for alfalfa continued strong throughout the season.

Oats	1972	3,500	1.00	3,500	Ton	64.00	224,000
	1971	2,900	.80	2,320		60.30	139,900

Although low for the season, timely rains developed a good crop of oats. Most notable was the strong demand, resulting in good returns to growers.

Pasture & Range Total	1972	332,690			Acre	16.84	5,602,400
	1971	329,850				17.05	5,625,250
Irrigated	1972	76,500				56.00	4,284,000
	1971	77,600				55.50	4,307,000
Range	1972	140,200				7.00	981,400
	1971	141,000				7.00	987,000
Sudan	1972	990				50.00	49,500
	1971	1,250				45.00	56,250
Stubble	1972	115,000				2.50	287,500
	1971	110,000				2.50	275,000

Due to the low rainfall, non-irrigated pastures and rangeland had very poor forage. Lack of moisture forced grasses to seed prematurely and start drying by mid-March in some range areas. Consequently, cattlemen and sheepmen had to provide supplemental feeding nearly all season. Also, many cattlemen were forced to cull herds heavily.

Rice	1972	7,406	3.10	23,000	Ton	130.00	2,990,000
	1971	7,510	2.85	21,400		100.00	2,140,000

Rice growers had a very successful year. They were able to plant early and growth was stimulated by the hot summer weather. The yields and quality were excellent. In addition, monetary returns to growers were very good.

FIELD CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Safflower	1972	7,700	1.25	9,600	Ton	100.00	960,000
	1971	4,600	1.50	6,900		90.00	621,000

Most dramatic was the 67% increase in county acreage. Although the return to growers, per ton, increased over the previous year, lower production gave the grower a lower return on a per acre basis.

Silage, Corn	1972	18,200	25.00	455,000	Ton	7.85	3,572,000
	1971	17,900	20.50	367,000		7.25	2,661,000

It was a good season for silage corn growers. Excellent growing conditions produced a bumper crop. Also, the price was above that of recent years.

Sorghum, Grain	1972	11,000	2.60	28,600	Ton	60.00	1,716,000
	1971	19,000	2.75	52,300		50.00	2,615,000

Once more, the county acreage dropped dramatically. Production declined some, however, demand was strong resulting in favorable return to growers.

Sugar Beets	1972	35,500	31.35	1,113,000	Ton	15.25	16,973,000
	1971	31,500	31.50	992,200		15.00	14,883,000

Sugar beets harvested were of very good quality. Many acres of beets were overwintered. A number of sugar beet fields, intended for fall harvest, were forced to stop harvesting operations due to early rains. Also, many growers had to treat their fields of sugar beets to protect them against high populations of voles.

Sunflowers	1972	5,730	.75	4,300	Ton	150.00	645,000
	1971	5,200	.85	4,420		130.00	574,600
Wheat	1972	10,300	1.90	19,600	Ton	57.25	1,122,000
	1971	10,900	1.80	19,600		55.30	1,084,000
TOTALS	1972	630,886					$ 70,494,900
	1971	631,094					64,538,650

FEED GRAIN PROGRAM

Crop	Year	Acreage		Value
Corn	1972	26,448....Planted 8,422....Diverted	Total Payment	$ 405,168
Grain Sorghum		2,167....Planted 2,722....Diverted	Total Payment	99,014
Barley		8,356....Planted 7,935....Diverted	Total Payment	157,709
Wheat		6,005....Planted 1,890....Diverted		130,626
Crop Land Adjustment		21		334
Land Under Soil Bank		XXX		XXX
TOTAL		63,966		$ 792,851
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		XXXXX XXXXX
Wheat		5,293....Planted 2,130....Diverted	Total Payment	196,982
Crop Land Adjustment		119		1,136
Land Under Soil Bank		XXX		XXX
TOTAL		44,046		$ 512,552
GRAND TOTAL	1972 1971	694,852 675,140		$ 71,287,751 65,051,202

VEGETABLE CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Asparagus	1972	28,260	1.74	49,300	Ton	$ 395.56	$ 19,501,000
	1971	26,615	1.73	45,950		418.56	19,233,000
Fresh	1972		.42	11,900		472.75	5,626,000
	1971		.58	15,400		480.00	7,392,000
Processing	1972		1.32	37,400		371.00	13,875,000
	1971		1.15	30,550		387.60	11,841,000

The season for harvesting asparagus continued for a prolonged period of time, beginning the first part of March and continuing into May. The quality of "gras" was good. A higher percentage than usual went to the processor.

Beans, Green Snap	1972	1,080	3.24	3,500	Ton	95.00	332,500
	1971	1,390	3.80	5,280		67.00	353,800
Lima	1972	2,690	1.20	3,230		190.00	613,700
	1971	XXX					XXX

The green beans harvested were of good quality with fair production. Some growers with early plantings did not acquire a stand, so they were disced under and replanted. Some growers who did not have a contract had to let the beans grow to maturity and harvest as seed.

Cabbage, Processing	1972	200	20.00	4,000	Ton	25.00	100,000
	1971	75	7.00	525		75.00	39,400
Carrots	1972	660	14.00	9,240		25.00	231,000
	1971	545	17.00	9,260		65.00	601,900

Once more, the production of carrots per acre declined. Along with the very sharp decline in price, growers experienced a very poor season.

Cauliflower	1972	600	4.00	2,400	Ton	180.00	432,000
	1971	225	4.40	990		180.00	178,200

The mild spring weather caused cauliflower to bloom prematurely, resulting in one cutting instead of the normal three. Otherwise, both quality and yields were good for the season. Most of the crop went to the freezer.

Corn, Sweet	1972	213	215.00	45,800	46#)	2.70	123,700
	1971	158	233.00	36,800	pkg)	2.85	104,900

The crop was of good quality and production. The demand was poor, which reflected in lower returns to the grower.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Cucumbers*	1972	1,540	18.63	28,690	Ton	$ 73.90	$ 2,120,400
	1971	1,580	15.44	24,400		76.50	1,866,600

For the most part, favorable growing conditions for cucumbers prevailed during the season. At one point, excessive heat did cause some damage, however, the overall production was high.

Lettuce, Head	1972	170	302.00	51,300	43#)	2.25	115,400
	1971	290	614.00	178,100	pkg)	3.65	650,100

This crop was down in acreage, production and price. Although the quality was good, demand was slow; thus growers had a very poor year.

Melons, Total	1972	2,321	13.94	32,365	Ton	44.18	1,430,000
	1971	2,324	13.15	30,560		48.14	1,471,300
Casaba	1972	540	13.50	7,300		44.25	323,000
	1971	415	10.60	4,400		33.50	147,400
Cranshaw	1972	111	7.80	865		140.00	121,000
	1971	178	8.20	1,460		115.00	167,900
Watermelon	1972	1,670	14.50	24,200		40.75	986,000
	1971	1,440	15.50	22,300		40.00	892,000
Honeydew	1972	60					XXX
	1971	291	8.25	2,400		110.00	264,000

Melon growers enjoyed production of a good quality melon and strong demand; thus monetary returns were high. At one point during the summer, watermelon production was effected adversely from excessive heat. Some casaba growers had trouble with virus disease that produced an off color to the melons; thus a few fields were not completely picked.

Onions, Dry Total	1972	2,110	840.71	1,773,900	50#)	2.34	4,145,000
	1971	2,070	785.00	1,624,200	sack)	1.86	3,026,300
Early	1972	1,700	865.00	1,470,500		2.20	3,235,000
	1971	1,610	760.00	1,224,000		1.90	2,326,000
Late	1972	410	740.00	303,400		3.00	910,000
	1971	460	870.00	400,200		1.75	700,300

This crop was favored by good yields and strong demand. This resulted in good returns to growers.

Peas*	1972	970	1.60	1,550	Ton	83.90	130,000
	1971	1,620	1.50	2,430		90.00	218,700

There was a sharp decline in the acreage. The production, which goes to the processor, improved some over the previous year, however, the price declined.

*Data Supplied by California Crop & Livestock Reporting Service

VEGETABLE CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Production: Harvested Acreage	Production: Per Acre	Production: Total	Unit	*Gross* Value: Per Unit	*Gross* Value: Total
Peppers	1972	1,690	11.60	19,600	Ton	85.65	1,679,000
	1971	1,170	10.60	12,400		104.00	1,290,000

Peppers grown in this county have diversified markets. They appeared on the fresh market as "greens" and "reds". Part of the crop goes to the dehydrator, some are shipped to eastern markets in salt brine and some are harvested for seed. The quality of peppers was good until early fall rains came. Thereafter, there was a higher percentage of culls and holding quality declined.

Potatoes	1972	2,320	310.00	719,200	Cwt.	4.00	2,877,000
	1971	3,030	270.00	818,100		2.10	1,718,000

It was a good season for growers with potatoes. The quality was good, yields were high, and the demand was strong throughout the year. Monetary returns to the farmers nearly doubled over the previous year.

Pumpkins, Total	1972	915	16.93	15,500	Ton	22.13	343,000
	1971	755	11.75	8,870		21.83	193,600
Cannery	1972	392	21.00	8,230		14.15	116,500
	1971	297	16.40	4,870		11.00	53,600
Halloween	1972	523	13.90	7,270		31.15	226,500
	1971	458	8.80	4,000		35.00	140,000

A normal season prevailed, for cannery pumpkins, in quality and production. The price improved over the last two years giving growers a better return. Both production and price were good for halloween pumpkins. A virus disease became prevalent, especially on the foliage of halloween pumpkins, this season. Fortunately, it did not progress to any extent upon the fruit.

Squash	1972	470	10.00	4,700	Ton	53.00	249,100
	1971	411	10.50	4,320		40.00	172,800
Sweet Potatoes	1972	95	248.00	23,560	40#)	3.76	88,600
	1971	105	157.00	16,500	ctn)	5.90	97,300

The county acreage of sweet potatoes continues to decline. The production improved markedly, over the previous year, but prices slid to a low level.

Tomatoes, Total	1972	34,980	20.13	704,300	Ton	47.70	33,591,000
	1971	32,940	21.55	709,700		36.52	25,920,000
Shipping	1972	8,080	6.90	55,800		276.60	15,434,000
	1971	5,000	6.72	33,600		208.00	6,989,000
Processing	1972	26,900	24.10	648,500		28.00	18,157,000
	1971	27,940	24.20	676,100		28.00	18,931,000

By the end of February, some seed tomato fields were up and making good progress. With favorable growing conditions, some growers were picking green tomatoes by mid-July, closely followed by the harvesting of fruit for the processor. Although early rains interferred with harvesting operations, minimal damage was caused. The demand for shipping tomatoes was strong, giving growers a good price.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Beets & Spinach	1972	200				$	58,500
	1971	220					106,900
Truck Garden	1972	2,500					2,500,000
	1971	2,360					2,360,000
TOTALS	1972	83,984				$	70,660,900
	1971	77,883					59,602,800

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Almonds **	1972	23,591	.85	20,000	Ton	$ 700.00	$ 14,000,000
	1971	22,215	1.00	22,200		645.00	14,319,000
Almond Hulls	1972			15,000		12.00	180,000
	1971			20,000		11.00	220,000

For several successive nights at the end of March, freezing temperatures prevailed. During the next month it became apparent that the crop would suffer losses, due to dropping of the young forming nuts. Orchards without frost protection suffered heavy losses. In addition, soil moisture was low; the winter rainfall had been approximately half of the normal amount. The naval orange worm also caused heavier than normal losses. Due to the adverse factors, during the season, the production of almonds declined considerably. However, growers did enjoy a substantial increase in price for their crop.

Apricots	1972	3,036	6.00	18,200	Ton	110.00	2,000,000
	1971	3,089	5.50	17,000		58.00	986,000

The apricot crop developed normally without any apparent adverse affect from the March frost that had caused so much damage to other fruit and nut crops in the county. The apricots harvested were of good quality. Also, the growers enjoyed a good price which had been very low for the two previous years.

Cherries, Total	1972	8,860	1.80	15,900	Ton	722.00	11,480,000
	1971	8,366	3.00	25,100		515.90	12,949,000
Fresh Market	1972			10,600		952.00	10,100,000
	1971			19,900		588.00	11,701,000
Processing	1972			5,300		260.00	1,380,000
	1971			5,200		240.00	1,248,000

The harvesting of cherries started unusually early, with the Chapman variety, which was soon followed by Burlats and Tartarians. Both size and quality were very good for Burlats and this variety was in high demand. The Bing variety also was of good quality but the percentage of doubles was on the high side. For some growers the crop was a total loss. The demand for fresh market cherries was exceptionally strong with correspondingly high prices.

* Production figures supplied by California Crop & Livestock Reporting Service
** Price estimate supplied by California Almond Growers Exchange

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Grapes, All Total	1972	43,918	4.45	195,655	Ton	$ 166.03	$ 32,484,800
	1971	43,981	7.12	313,276		104.14	32,624,600
Table, All Total	1972	21,636	3.93	84,955		128.80	10,941,800
	1971	21,670	8.31	179,976		79.00	14,224,600
Tokay, Total*	1972	20,872	3.84	80,194		131.39	10,537,000
	1971	20,879	8.34	174,208		79.35	13,821,000
Fresh	1972			775,500	25#)	5.86	4,544,500
	1971			1,216,000	pkg)	3.55	4,317,000
Crushed	1972			70,500	Ton	85.00	5,992,500
	1971			158,400		60.00	9,504,000
Other Table Total	1972	764	6.23	4,761		85.02	404,800
	1971	791	7.29	5,768		70.00	403,600
Fresh	1972			12,900	25#)	4.10	52,900
	1971			28,300	pkg)	3.15	89,100
Crushed	1972			4,600	Ton	76.50	351,900
	1971			5,400		58.25	314,500
Wine Varieties Total	1972	22,282	4.96	110,700		194.61	21,543,000
	1971	22,311	5.97	133,300		138.00	18,400,000
Fresh	1972			12,200		315.00	3,843,000
	1971			16,800		270.00	4,536,000
Crushed	1972			98,500		180.00	17,700,000
	1971			116,500		119.00	13,864,000

The first disaster that struck the grape crop was the heavy frost at the end of March. In July, there was substantial heat damage particularly to the berries of the Tokay. Although the grapes harvested were of good quality, with high sugar content, yields were reduced, especially for the Tokay variety. The Tokay crop was only 48% of the average for the past ten years. Some growers did not harvest any Tokays. The damage to juice grapes was spotted, which lowered production. Most juice grape growers had a fairly good crop. The price for grapes, both to the processor and to fresh market, was very good. In some cases, record prices were paid.

* Tokay production figures supplied by Tokay Marketing Agreement

FRUIT AND NUT CROPS: PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Nectarines	1972	33	2.10	69	Ton	$ 268.11	$ 18,500
	1971	42	4.70	197		305.00	60,100
Olives	1972	201	1.62	325		400.00	130,000
	1971	197	2.20	435		145.00	63,100
Peaches, All	1972	5,681	11.23	63,787	Ton	76.88	4,903,900
Total	1971	6,615	10.77	71,240		74.86	5,333,200
Clingstone	1972	4,623	10.71	49,500		77.00	3,812,000
Processing	1971	5,490	10.00	54,900		79.00	4,337,000
Freestone	1972	1,058	13.50	14,287		76.43	1,091,900
	1971	1,125	14.52	16,340		60.97	996,200
Fresh	1972			40,600	24#)	3.10	125,900
	1971			61,600	pkg)	2.75	169,400
Processing	1972			13,800	Ton	70.00	966,000
	1971			15,600		53.00	826,800

Although frost damage was extensive to the peach crop in some parts of the county, there was still an increase in the average production for the county over the previous year. Apparently the reduction in the county acreage of peaches eliminated orchards of low yield. Harvesting operations started a week or more in advance of normal. Hot weather in July had an adverse affect on some varieties by retarding their size.

Pears, Fresh*	1972	994	8.45	8,400	Ton	120.00	1,008,000
& Processing	1971	1,060	7.50	7,950		95.00	755,300

Some of the pear producing areas suffered heavy frost damage at the end of March. In some orchards the fruit was not marketable, due to deformities. However, good production in other areas gave an average production better than previous years. Since most of the orchards in the county are young, they have not reached production that is normally expected of mature trees.

Plums, Fresh	1972	505	1.40	710	Ton	375.00	266,300
& Processing	1971	474	2.35	1,110		325.00	360,700

With the combination of frost damage and hot weather, the plum crop nearly collapsed. The production for the county was very low. To the growers, fortunate enough to have some crop, monetary returns were good.

* Production supplied by California Tree Fruit Agreement

FRUIT AND NUT CROPS: PRODUCTION AND *GROSS* VALUE 1972 & 1971 cont'd

Crop	Year	Harvested Acreage	Production Per Acre	Total	Unit	*Gross* Value Per Unit	Total
Strawberries	1972	64	5.40	345	Ton	417.00	143,900
	1971	65	4.54	295		325.00	95,900
Walnuts, English*	1972	22,337	.90	20,100	Ton	556.50	11,186,000
	1971	22,115	1.09	24,000		430.00	10,320,000

In the month of April, there was a heavy drop of newly formed nuts in some areas, which can be attributed to the frost in March. With the additional losses, due to the heavy infestation of naval orange worm, particularly to early varieties such as Payne and Ashley, yields declined below the previous year. The crop matured very early this season. The quality of nuts was relatively poor, however, demand was strong and this promoted very good prices for growers.

Misc. (apples, figs, oranges, chestnuts, pecans, persimmons, prunes, bushberries)	1972						375,000
	1971						375,000
TOTALS	1972	109,220					$ 78,176,400
	1971	108,219					78,461,900

* Production supplied by Walnut Control Board

SEED CROPS: ACREAGE, PRODUCTION AND *GROSS* VALUE 1972 & 1971

Crop	Year	Harvested Acreage	Production Per Acre	Production Total	Unit	*Gross* Value Per Unit	*Gross* Value Total
Alfalfa	1972	XXX			Lb.	$	$ XXXXX
	1971	50	480.	24,000		.30	7,200
Asparagus	1972			15,000		2.00	30,000
	1971			30,000		2.00	60,000
Beans, Certified Seed							
Dark Red Kidney	1972	1,150	17.25	19,800	Cwt.	17.00	336,600
	1971	525	16.60	8,700		21.00	182,700
Light Red Kidney	1972	1,970	17.50	34,500		26.00	897,000
	1971	2,430	16.80	40,800		14.00	571,200
White	1972	172	23.75	4,100		26.00	106,600
	1971	168	17.	2,850		16.00	45,600
Blackeye	1972	118	15.	1,770		14.50	25,700
	1971	285	14.50	4,130		12.00	49,600
Others	1972	440	20.	8,800		12.00	105,600
	1971	408	16.50	6,730		16.00	107,700
Clover	1972	573	335.	192,000	Lb.	.63	121,000
	1971	874	337.	294,500		.56	164,900
Ornamental Seed	1972	178	317.	56,500		1.20	67,800
	1971	120	300.	36,000		2.00	72,000
Potatoes	1972	485	200.	97,000	Cwt.	4.35	421,900
	1971	982	250.	245,500		3.25	797,900
Vegetable Seed	1972	710	850.	603,500		.56	338,000
	1971	511	333.	170,000		1.67	284,100
Grain Seed	1972	2,300	3,100.	7,130,000	Lb.	.053	377,900
	1971	2,750	3,730.	10,258,000		.05	512,900
TOTALS	1972	8,096					$ 2,828,100
	1971	9,103					2,855,800

NURSERY PRODUCTS: SALES AND *GROSS* VALUE 1972 & 1971

Item	Year	Quantity Sold By Producers	Unit	*Gross* Value Per Unit	*Gross* Value Total
Nursery Crops					
Deciduous Fruit & Nut Trees*	1972	432,900	Plant	$ .90	$ 389,600
	1971	369,000		1.10	406,000
Grape Vines	1972	372,100		.45	167,400
	1971	503,000		.35	176,000
Vegetable Plants					
Field Grown Total	1972	143,950,000	Plant		498,100
	1971	123,715,000			542,135
Asparagus	1972	46,500,000		.006	278,500
	1971	24,700,000		.01	247,000
Onions	1972	80,000,000		.001	80,000
	1971	80,000,000		.001	80,000
Peppers	1972	13,250,000		.008	106,000
	1971	12,000,000		.008	96,000
Tomatoes	1972	4,200,000		.008	33,600
	1971	7,000,000		.017	119,000
Ornamental Trees & Shrubs**	1972	395,300		.65	256,900
	1971	607,000		.55	334,000
Bedding Plants	1972	6,000	Flat	3.35	20,100
	1971	7,100		3.50	24,900
Herbaceous Perennials	1972	1,990,000	Plant	.36	716,400
	1971	1,860,000		.30	558,000
Indoor Decorative Plants	1972	592,000		.25	148,000
	1971	513,000		1.00	513,000
Cacti & Succulents	1972	424,000		.32	136,000
	1971	272,000		.35	95,200
Bulbs, Rhizomes, Roots, etc.	1972	163,400	Each	.38	62,100
	1971	112,000		.45	50,400
Propagative Materials, Pips, Budwood, Cuttings, etc.	1972	900,000		.06	54,000
	1971	650,000		.06	39,000
Cut Flowers & Decoratives	1972		Acre	200.00	2,400
	1971			175.00	1,600
TOTALS	1972				$ 2,451,000
	1971				2,740,235

* Includes small fruit plants
** Includes rose plants

LIVESTOCK AND POULTRY: PRODUCTION & *GROSS* VALUE 1972 & 1971

Item	Year	Production No. Head	Production Total Liveweight	Unit	*Gross* Value Per Unit	*Gross* Value Total
Cattle & Calves	1972	60,300	412,400	Cwt.	$ 31.10	$ 12,826,000
	1971	47,600	340,500		27.25	9,279,000
Sheep & Lambs	1972	82,520	85,800		25.85	2,218,000
	1971	50,000	52,600		22.20	1,168,000
Hogs & Pigs	1972	21,000	41,400		27.15	1,124,000
	1971	22,100	45,700		19.00	869,000
Broilers & Fryers	1972	2,703,000	9,500,000	Lb.	.17	1,615,000
	1971	2,516,000	8,800,000		.17	1,496,000
Pullets	1972	450,000		Each	1.70	765,000
	1971	430,000			1.70	731,000
Other Chickens	1972	1,957,000	8,800,000	Lb.	.06	528,000
	1971	1,560,000	7,000,000		.05	350,000
Turkeys	1972	141,700	2,970,000		.22	653,400
	1971	143,700	2,805,000		.22	617,000
Miscellaneous: Pheasant, Squab, Duck, etc.	1972	109,000		Each	1.50	163,500
	1971	29,200			1.35	39,400
TOTALS	1972					$ 19,892,900
	1971					14,549,400

There was a substantial increase in the number of head of cattle and sheep going to market from San Joaquin County this year. The demand for beef, mutton and pork was very strong; thus returns to livestock men were at an all time high for recent years. Although prices for poultry started to rise at the end of the year, the overall average price remained low for the year.

APIARY PRODUCTS: PRODUCTION AND *GROSS* VALUE 1972 & 1971

Crop	Year	Production Total	Unit	Per Unit	Total
Honey	1972	696,100	Lb.	$ .36	$ 251,800
	1971	695,000		.195	135,500
Beeswax	1972	9,450	Lb.	.62	5,860
	1971	14,400		.53	7,630
Pollination	1972	19,750	Colony	9.50	187,600
	1971	25,900		10.00	259,000
TOTALS	1972				$ 445,260
	1971				402,130

The yield of honey from apiaries was at a very good level this year. However, what was more spectacular was the 59% increase in price on honey for beekeepers.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION & *GROSS* VALUE 1972 & 1971

Item	Year	Production	Unit	Per Unit	Total
Milk, Total	1972	6,846,000	Cwt.	$ 5.35	$ 36,602,000
	1971*	6,200,000		5.27	32,662,000
Market	1972	5,556,000		5.46	30,316,000
	1971*	5,088,000		5.39	27,424,000
Manufacturing	1972	1,290,000		4.87	6,286,000
	1971*	1,112,000		4.71	5,238,000
Wool**	1972	713,600	Lb.	.41	292,600
	1971	462,500		.60	277,500
Eggs, Chicken	1972	68,459,000	Doz.	.27	18,484,000
	1971	65,935,000		.25	16,484,000
TOTALS	1972				$ 55,378,600
	1971				49,423,500

Once more the milk production for the county increased with an improved return to dairymen. Near the end of the season egg prices started to make good gains, however, the average price for the season was once more very poor.

JANUARY 1 INVENTORIES OF LIVESTOCK & POULTRY 1972 & 1971
IN NUMBER OF HEAD

Item	January 1, 1972	January 1, 1971
Cattle & Calves, All	174,600	180,600
Milk Cows 2 Years & Over	49,000	52,100
Sheep and Lambs, All	45,900	30,500
Hogs and Pigs	10,100	12,600
Hens & Pullets of Laying Age	4,100,000	3,879,000

* Revised
** Value includes government payment

PERMAMENT CROPS

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
ALMONDS		
Davey	671.6	0
Drake	91.4	0
IXL	32.8	0
Jordanolo	474.3	0
Kapareil	23.2	1.0
Merced	1,745.0	917.6
Ne Plus Ultra	1,181.1	201.7
Nonpareil	13,661.6	2,912.1
Peerless	539.4	14.5
Texas	4,988.2	576.9
Thompson	129.2	267.1
Other	53.1	34.7
TOTAL	23,590.9	4,925.6
APPLES		
Delicious	16.4	50.7
Golden Delicious	9.0	65.6
White Astrachan	6.5	0
Prime Gold	0	50.0
Other	9.3	25.1
TOTAL	41.2	191.4
APRICOTS		
Blenheim	1,656.2	.3
Tilton	1,380.1	140.8
Other	0	82.0
TOTAL	3,036.3	223.1
CHERRIES		
Bing	6,381.0	1,256.9
Black Tartarian	369.1	47.2
Burlat	252.0	157.6
Chapman	35.6	2.0
Jubilee	0	28.9
Lambert	250.8	21.0
Larian	0	22.6
Moreau	28.7	119.5
Republican	13.2	3.1
Royal Ann	1,321.9	62.7
Seedlings	73.1	330.2
Van	125.5	6.6
Others	9.4	4.8
TOTAL	8,860.3	2,063.1
CHESTNUTS (ALL)	18.9	.6
CITRUS (ALL)	1.6	5.7
PISTACHIO	0	83.7

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
GRAPES (Raisin)		
Muscat	19.3	0
Thompson Seedless	532.7	0
TOTAL	552.0	0
GRAPES (Table)		
Almeria	11.5	0
Black Prince	32.4	0
Cardinal	25.7	0
Cornichon	13.3	0
Emperor	28.3	0
Gold	10.6	0
Lady Finger	12.7	0
Malaga	17.0	0
Ribier	43.7	0
Tokay	20,872.2	10.0
Other	25.8	0
TOTAL	21,093.2	10.0
GRAPES (Wine)		
Alicante-Bouschet	1,001.6	0
Alicante Gazen	59.2	0
Barbera	46.5	354.3
Burger	557.7	40.0
Cabernet-Sauvignon	62.7	10.0
Carignane	7,143.5	343.7
Chenin Blanc	213.8	332.0
Emerald Riesling	46.2	2.0
French Columbard	446.3	472.6
Gray Riesling	109.0	0
Grenache	2,421.8	73.7
Mission	1,044.3	0
Palomino	498.4	0
Petite Sirah	323.8	610.0
Pinot Noir	68.0	0
Riesling	21.0	0
Royalty	92.9	0
Rubired	55.8	20.0
Ruby Cabernet	98.4	0
Salvador	183.8	10.4
Sauvignon Vert	20.9	0
Semillon	49.3	0
St.Macaine	44.0	0
Tinta Madeira	28.0	0
Valdepenas	274.3	12.0
Zinfandel	7,225.5	1,082.1
Others	64.7	0
Rootstock	71.0	169.3
TOTAL	22,282,4	3,532.1

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
NECTARINES		
LeGrand	12.5	0
Rose	5.6	0
Sun Grand	13.6	0
Other	.9	9.3
TOTAL	32.6	9.3
OLIVES		
Ascolano	14.3	0
Manzanillo	112.2	0
Mission	41.1	0
Olbonga	27.8	0
Sevillanos	6.1	0
TOTAL	201.5	0
PEARS		
Bartlett	985.1	17.0
Other	8.6	0
TOTAL	993.7	17.0
PEACHES-CLINGSTONE		
Andora	12.2	3.0
Andross	44.1	72.5
Carolyn	331.4	102.7
Carson	216.5	51.5
Corona	98.4	21.6
Cortez	89.2	0
Dixon	591.0	0
Everts	26.9	0
Fortuna	108.0	0
Gaume	429.8	11.1
Gomez	167.7	0
Halford	1,089.9	133.2
Jungerman	67.1	8.0
Klampt	61.9	82.1
Loadel	178.6	147.4
McKnoght	15.2	0
Paloro	158.5	5.4
Peak	9.9	8.2
Shasta	8.6	0
Sierra	13.9	0
Sims	24.8	0
Stanford	20.6	0
Starn	392.5	87.1
Sullivan, Carol	8.1	0
Vivian	177.6	0
Wiser	179.4	.2
Zolezzi	51.3	0
Other	62.5	108.6
TOTAL	4,635.6	842.6

Crop & Variety	Bearing Acreage	Non-Bearing Acreage
PEACHES-FREESTONE		
Alamar	6.5	1.8
Bella Rosa	2.3	13.3
Elberta	332.5	25.0
Fay Elberta	595.1	75.3
Kim Elberta	15.1	0
La Fiesta	5.0	0
Red Haven	11.4	0
Rio Oso Gem	56.1	24.7
Other	34.1	54.6
TOTAL	1,058.1	194.7
PLUMS		
Ace	5.3	0
Duarte	32.8	0
El Dorado	76.3	0
Laroda	43.4	0
Late Santa Rosa	7.3	0
Nubiana	25.7	0
Santa Rosa	146.7	0
Satsuma	14.4	0
Sugar	13.5	0
Tragedy	102.2	3.3
Other	37.2	.6
TOTAL	504.8	3.9
PRUNE-FRENCH	116.7	3.8
WALNUTS-ENGLISH		
Ashley	248.1	290.4
Concord	24.4	0
Eureka	6,684.2	584.0
Franquette	3,236.4	35.2
Grove	81.5	0
Hartley	4,176.4	655.2
Hybrid	13.5	110.4
Marchetti	40.0	8.6
Mayette	438.2	.5
Nugget	110.9	23.0
Payne	6,810.5	740.8
Pedro	38.0	31.0
Serr	2.6	165.7
Tehama	38.0	64.1
Trinta	3.5	37.0
Vina #4949	74.2	5.0
Waterloo	308.7	11.1
Other	7.5	310.0
TOTAL	22,336.6	3,072.0
WALNUTS-BLACK (ALL)	78.9	715.8
FINAL TOTAL ACRES	109,435.3	15,894.4

SUMMARY

Item	1972	1971
Field Crops	$ 71,287,751	$ 65,051,202 *
Vegetable Crops	70,660,900	59,602,800
Fruit & Nut Crops	78,176,400	78,461,900
Seed Crops	2,828,100	2,855,800
Nursery Products	2,451,000	2,740,235
Livestock & Poultry	19,892,900	14,549,400
Apiary Products	445,260	402,130
Livestock & Poultry Products	55,378,600	49,423,500 *
TOTALS	$301,120,911	$273,086,967*

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

1972			1971		
Crop	Acreage	*Gross* Value	Crop	Acreage	*GROSS* Value
Milk	6,846,000 cwt.	$ 36,602,000	Grapes	43,981	$ 32,624,600
Tomatoes	34,980	33,591,000	Milk	6,136,000 cwt.	32,662,000
Grapes	43,918	32,484,800	Tomatoes	32,940	25,920,000
Asparagus	23,260	19,501,000	Asparagus	26,615	19,233,000
Eggs	68,459,000 doz.	18,484,000	Eggs	65,935,000 doz.	16,484,000
Sugar Beets	35,500	16,973,000	Sugar Beets	31,500	14,883,000
Alfalfa	68,300	15,576,000	Alfalfa	67,200	14,519,000
Almonds	23,591	14,000,000	Almonds	22,215	14,319,000
Cattle & Calves	60,300 head	12,826,000	Cherries	8,366	12,949,000
Cherries	8,860	11,480,000	Walnuts	22,115	10,320,000
		$ 211,517,800			$ 193,913,600

* Revised