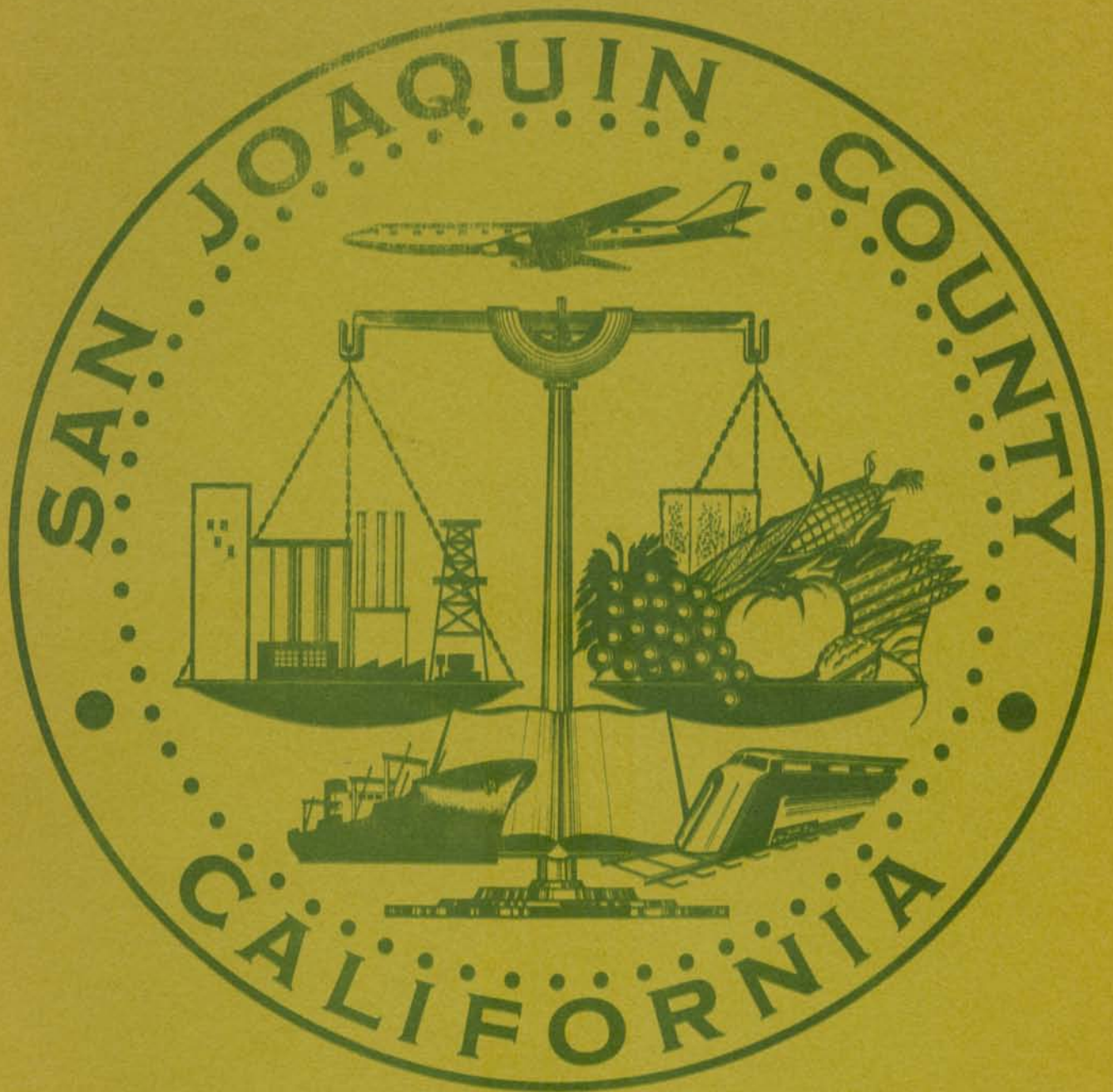


1969



# AGRICULTURAL REPORT

San Joaquin County Department of Agriculture



RICHARD E. DEVOL  
AGRICULTURAL COMMISSIONER

SAN JOAQUIN COUNTY

## Department of Agriculture

186B EAST HAZELTON AVENUE  
STOCKTON, CALIFORNIA 95201

P. O. BOX 1809 - PHONE 944-2693

LODI OFFICE  
210 N. SACRAMENTO ST.

MANTECA OFFICE  
392 S. MOFFATT BLVD.

TRACY OFFICE  
503 E. 10TH STREET

ESCALON OFFICE  
1540 ROOSEVELT ST.

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

Gentlemen:

In accordance with Section 2279 of the California Agricultural Code, I am pleased to present the thirty-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.

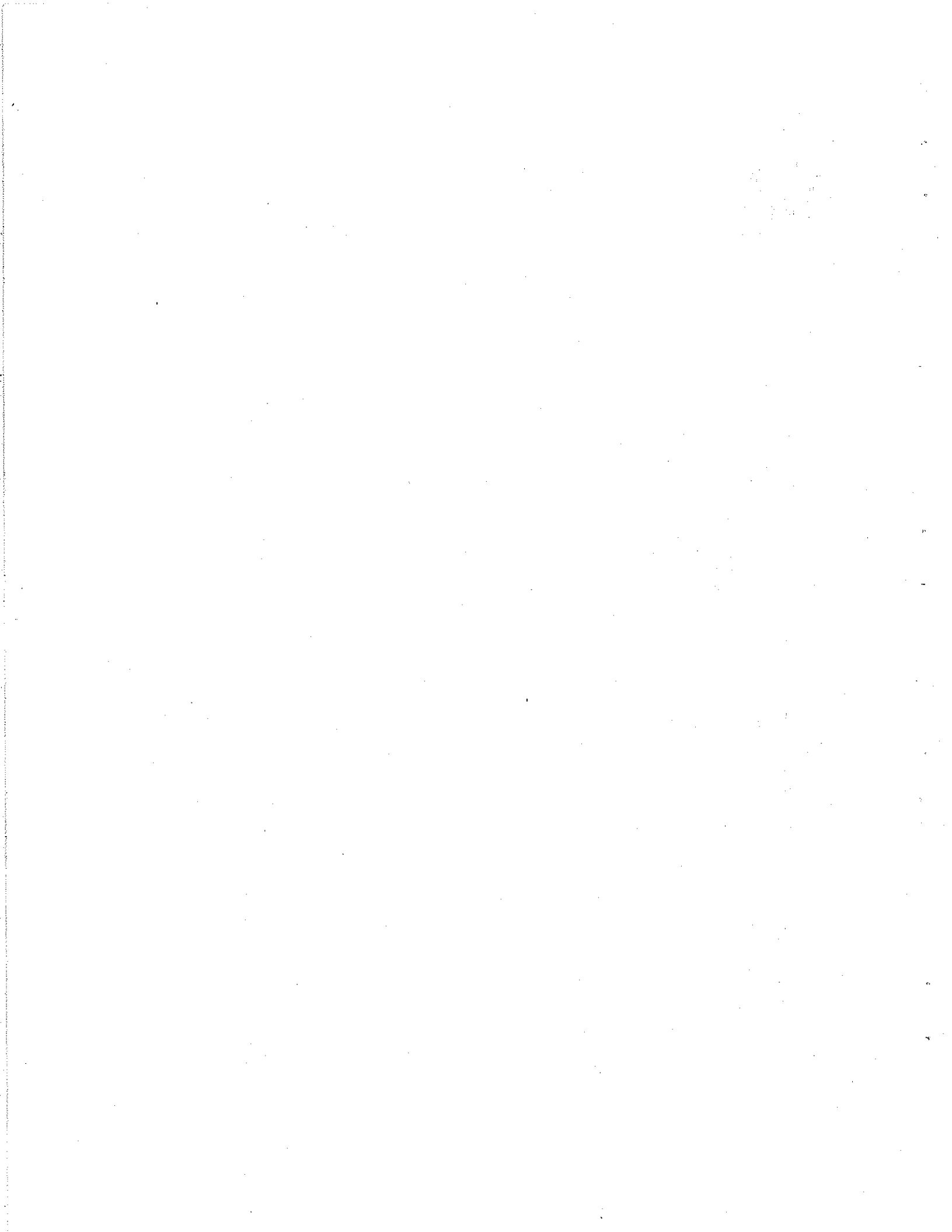
Production costs for the farmer have steadily risen while the value of farm products have not kept up with this trend. Only through increased production from improved farming practices has the farmer been able to survive the "Cost Price Squeeze".

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  
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

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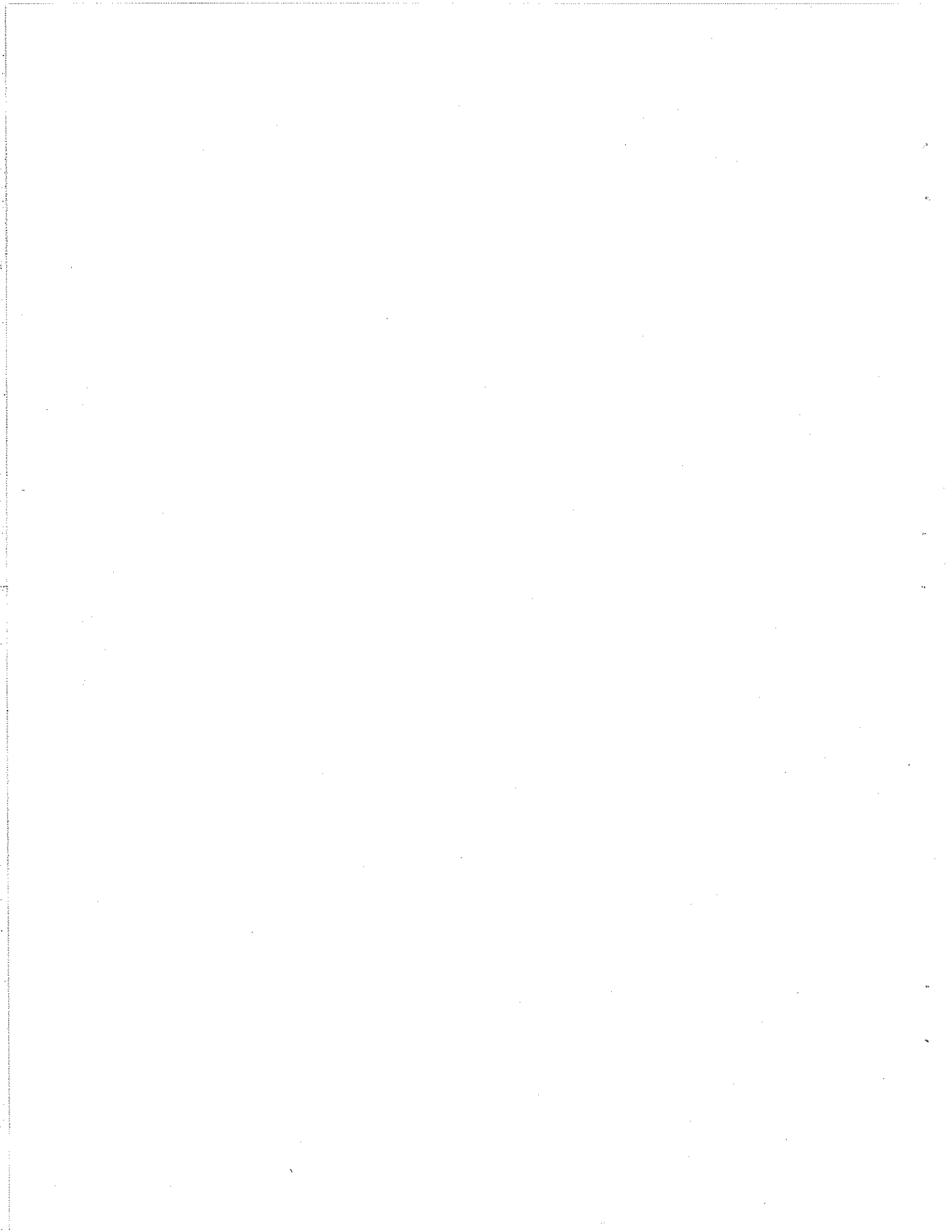
B O A R D O F S U P E R V I S O R S

CARMEN PERINO	District 1
CLIFFORD C. WISDOM	District 2
GARY A. WILER	District 3
VERNON F. LEHMAN	District 4
FRANK L. HOYT, Chairman	District 5

\*\*\*\*\*

COUNTY ADMINISTRATOR

CHARLES P. KENYON



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	Inspector
David C. Frieders	Plant Quarantine, Seed
Kenneth W. Jones	Linden District
Douglas E. Mattes	Inspector
R. Dale O'neal	Standardization, Plant Quarantine
John R. Solari	Island District
	French Camp District

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
Wilbur F. Cook	Ripon District
William E. Long	Manteca District

LODI OFFICE

210 N. Sacramento Street

368-2757

Leslie G. Todd	Deputy Commissioner
Jack B. Gianelli	Terminus District
Ray A. Mahoney	Victor District
Frank H. Newhall	Lockeford/Clements District
Paul Switzenberg	Thomton District

TRACY OFFICE

503 E. 10th Street

835-5903

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

SHOP, WEED & RODENT CONTROL

CLERICAL STAFF

Richard Raney	Clinton C. McCarty	Elaine Campbell	Louise Pulliam
Elwyn Arnold	Frank Ramalho	Marjorie Peery	Melanie Russo
Walter A. Beck	Archie J. Shields		
Herbert W. Callen	Jerald T. Tarwater		
Donald E. Fehling	Merle D. Worthen		

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	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	1969	18,300	16.67	305,100	Cwt.	10.34	3,154,800
Total	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
Lima	1969	6,200	21.30	132,000		8.50	1,122,000
	1968	5,900	28.00	165,000		8.30	1,370,000
Others	1969	300	15.00	4,500		9.00	40,500
	1968	400	15.00	6,000		10.00	60,000

By the 1st of June, some plantings had emerged, however, planting continued throughout 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 yield per acre was lighter than average which some attributed to excessive hot weather during the season. All fields were harvested. Some late fields were held up only temporarily, due to rain. The kidney bean acreage doubled over the previous year, apparently stimulated by high prices during 1968 and poor prospects on tomato demand.

Corn	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

As usual, growers were engaged in planting corn during mid-April. Growing conditions were satisfactory in general. The first part of June, growers sprayed for weeds. October winds downed some varieties, which caused harvesting problems.

Hay, Total	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
Alfalfa	1969	61,600	6.75	415,800		29.25	12,162,000
	1968	66,500	6.80	452,200		27.00	12,209,000
Grain	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	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
Sudan	1969	1,930				50.00	96,500
	1968	2,300				30.00	69,000
Stubble	1969	120,000				3.00	360,000
	1968	125,000				3.00	375,000

Range 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		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Safflower	1969	6,200	1.30	8,100	Ton	\$ 80.00	\$ 648,000
	1968	5,300	1.40	7,400		82.50	610,500

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

Silage, Corn	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

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

Sorghum, Grain	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

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

Sugar Beets	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

Harvesting of sugar beets, held over from the previous year, finally started the end of March. Record yields and high sugar content resulted. During April, sugar beets were being harvested and new fields were being planted. The last part of June, cutworms caused serious damage to many fields of new beets, which required extensive control measures.

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

This crop, from the planting in late March to the harvesting in October, had a minimum of problems during the growing period. Final results were good yields and quality.

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

The wheat crop experienced about the same problems as related under barley. Growers enjoyed good yields and quality.

TOTAL	1969	622,260				\$ 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		Gross Value	
			Per Acre	Total Unit	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		368				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		747				19,947
		284				10,495
Barley		0				0
Wheat		2,254				199,676
		0				0
Crop Land Adjustment		368				5,212
Land Under Soil Bank		3,368				41,645
TOTAL		10,873			\$	383,765
GRAND 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		Unit	Gross Value	
			Per Acre	Total		Per Unit	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
Fresh	1969		.52	14,900		400.00	5,960,000
	1968		.57	16,300		400.00	6,520,000
Processing	1969		1.03	29,600		336.00	9,946,000
	1968		1.16	33,600		336.00	11,290,000

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

Beans, Lima*	1969	856	1.20	1,030	Ton	90.00	92,700
	1968	XXX					XXX
Beans, Snap**	1969	2,390	2.42	5,790		102.00	591,000
	1968	5,400	2.00	10,800		97.00	1,048,000

Nearly all of this crop went to the processor. Yields were fairly good, but grading for quality substantially reduced net yields. Acreage dropped to nearly half as much as the previous year.

Cabbage	1969	47	6.25	294	Ton	80.00	23,500
	1968	30	13.00	390		54.00	21,100
Carrots	1969	540	18.00	9,700		85.00	824,500
	1968	480	17.00	8,200		90.00	738,000

Carrot growers enjoyed good yields and fairly good prices. Harvesting of this crop occurred in March, June and November.

Cauliflower	1969	300	4.50	1,350	Ton	180.00	243,000
	1968	320	4.00	1,280		165.00	211,200

Frost in the fall spotted the curds and lowered the quality. Most of the crop went to processors.

Corn, Sweet	1969	130	250.00	32,500	46#)	2.50	81,300
	1968	100	225.00	22,500	pkg)	2.80	63,000

Growers enjoyed good quality this year. There was a minimum of problems with worms or smut.

\* Included with Snap Beans last year

\*\* Data supplied by California Crops & Livestock Reporting Service

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		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	43#)	2.25	540,000
	1968	665	350.00	232,800	pkg)	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	90	10.00	900		115.00	103,500
Watermelon	1969	1,670	10.60	17,700		41.00	725,700
	1968	1,260	12.50	15,800		28.00	442,400
Honeydew	1969	321	10.50	3,370		75.00	252,800
	1968	XXX					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

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Onions, Dry	1969	1,970	788.58	1,553,500	50#)	\$ 1.70	\$ 2,634,300
Total	1968	1,890	834.39	1,577,000	sack)	1.59	2,501,000
Early	1969	1,520	800.00	1,216,000		1.75	2,128,000
	1968	1,400	855.00	1,197,000		1.55	1,855,000
Late	1969	450	750.00	337,500		1.50	506,300
	1968	490	775.00	380,000		1.70	646,000

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

Peas	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.

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

Hot beds were prepared early in April. In late June, transplants were going into fields. 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.

Potatoes	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 of potatoes took place during the month of April. No special problems were encountered by growers during the growing season. Growers, with fields of potatoes destined for seed, carried out their usual elaborate pest control program to eliminate vectors of potato diseases. Harvesting started the latter part of August and continued to almost the end of the year.

Pumpkins, Total	1969	1,052			Ton	\$ XX	\$ 310,900
	1968*	715	27.50	19,700		15.00	295,000
Cannery	1969	525	21.00	11,000		11.00	121,000
	1968	XXX					XXX
Halloween	1969	527	12.00	6,330		30.00	189,900
	1968	XXX					XXX
Squash	1969	355	15.00	5,330		33.00	175,900
	1968	290	11.00	3,200		33.75	108,000

The demand for pumpkins and squash was good. Growers experienced trouble with squash bug, a difficult pest to control.

\* All pumpkins combined last year

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Sweet Potatoes	1969	265	180.00	47,700	40#)	\$ 2.80	\$ 133,600
	1968	250	150.00	37,500	ctn)	3.00	112,000

Growers of sweet potatoes were again plagued by disease. Quality was fair. Acreage for the county remained at a low level.

Tomatoes, Total	1969	37,460	18.75	702,500	Ton	35.93	25,238,000
	1968	51,700	21.15	1,093,500		40.47	44,256,000
Shipping	1969	5,280	7.50	39,600		182.00	7,207,000
	1968	XXX		52,500		145.00	7,613,000
Processing*	1969	32,180	20.60	662,900		27.20	18,031,000
	1968	XXX		1,041,000		35.20	36,643,000

Direct seeding of tomato fields started in late March 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. Harvesting of many fields was soon strongly curtailed, due to pro-rating by the processors. This resulted in lower yields for many growers. Mold became a problem in a number of fields the latter part of September, due to rain.

Beets & Spinach	1969	170				\$	81,250
	1968	640					161,000
Truck Garden	1969	2,500					2,000,000
	1968	2,700					2,500,000
TOTAL	1969	86,309				\$	55,198,650
	1968	102,360					76,377,800

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

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

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

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

Apricots*	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

There 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 a good price.

Cherries, 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
Fresh Market	1969			13,600		670.00	9,112,000
	1968			11,000		735.00	8,085,000
Processing*	1969			6,700		340.00	2,278,000
	1968			8,860		300.00	2,658,000

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

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

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value		
			Per Acre	Total		Per Unit	Total	
Grapes, All Total	1969	43,455	8.69	377,665	Ton	\$	71.40	\$ 26,956,900
	1968	45,817	5.58	255,601			80.48	20,572,400
Table, All Total	1969	21,678	10.89	236,165			62.33	14,720,900
	1968	23,382	5.84	136,501			76.77	10,479,400
Tokay, Total*	1969	20,875	11.00	229,723			62.45	14,347,000
	1968	22,275	5.86	130,460			78.13	10,193,000
Fresh	1969			1,936,400	26#)		2.55	4,938,000
	1968			2,520,000			pkg)	2.30
Crushed	1969			204,550	Ton		46.00	9,409,000
	1968			97,700			45.00	4,397,000
Other Table, Total	1969	803	8.00	6,442			58.04	373,900
	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
Crushed	1969			6,000	Ton		49.00	294,000
	1968			5,700			41.00	234,000
Wine Varieties, Total	1969	21,777	6.50	141,500			86.47	12,236,000
	1968	22,435	5.31	119,100			84.74	10,093,000
Fresh	1969			25,600			152.00	3,891,000
	1968			23,100			146.00	3,373,000
Crushed	1969			115,900			72.00	8,345,000
	1968			96,000			70.00	6,720,000

In the southern portion of the county, juice 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 last twenty years. The shipment of Tokay's to fresh market was approximately 11%, which was the second 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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Total
Nectarines	1969	42	6.80	286	Ton	\$ 270.00	\$ 77,200
	1968	106	6.50	689		260.00	179,000
Olives	1969	196	2.25	441		316.00	139,000
	1968	210	3.70	777		330.00	256,000
Peaches, All Total	1969	7,464	10.72	80,050	Ton	73.00	5,844,950
	1968	7,694	9.83	75,640		79.50	6,013,000
Clingstone Processing	1969	6,299	10.76	67,800		74.00	5,017,200
	1968	7,137	9.04	64,500		76.00	4,902,000
Freestone Total	1969	1,165	10.52	12,250		67.57	827,750
	1968	557	20.00	11,140		99.77	1,111,000
Fresh	1969			79,300	24#)	2.25	178,000
	1968			153,000	pkg)	2.55	390,000
Processing	1969			11,300	Ton	57.50	649,750
	1968			9,300		77.50	721,000

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

Pears, Fresh & Processing	1969	1,000	5.63	5,630	Ton	102.00	574,300
	1968	996	4.22	4,200		121.00	508,000

Growers had a very poor season. There was about half the usual crop and the price was down.

Plums, Fresh & Processing	1969	492	2.09	1,030	Ton	262.00	269,900
	1968	625	1.85	1,160		270.00	313,000

The plum crop was light in general. A few varieties did not produce a crop. Prices were somewhat improved over the preceding season.

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

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		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			416		290.00	120,600
	1968			536		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, prunes, black walnuts, bushberries)	1969						245,000
	1968						276,500
TOTAL	1969	102,421					\$ 70,636,850
	1968	107,334					58,744,300

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

Crop	Year	Production			Gross Value		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Alfalfa	1969	37	486.	18,000	Ib.	\$ .39	\$ 7,000
	1968	73	650.	47,500		.40	19,000
Asparagus	1969			20,000		2.00	40,000
	1968			9,800		2.50	24,500
Barley	1969	2,940	2,750.	8,085,000		.027	218,300
	1968	2,864	2,400.	6,874,000		.025	172,000
Beans, Certified Seed							
Dark Red Kidney	1969	2,300	12.	27,600	Cwt.	14.50	400,000
	1968	1,800	16.	28,800		16.50	475,000
Light Red Kidney	1969	5,800	15.	87,000		15.00	1,305,000
	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
Blackeye	1969	100	15.3	1,530		10.00	15,300
	1968	230	15.	3,450		8.00	27,600
Snap Beans	1969	95	16.	1,500		18.00	27,000
	1968	10	24.	240		18.00	4,320
Others	1969	162	16.5	2,700		15.00	40,500
	1968	85	15.	1,300		10.00	13,000
Clover	1969	780	440.	343,200	Ib.	.60	205,900
	1968	540	450.	243,000		.74	180,000
Oats	1969	1,740	1,500.	2,610,000		.025	65,250
	1968	1,233	1,500.	1,850,000		.026	48,100
Ornamental Seed	1969	178	250.	44,500		1.50	66,750
	1968	240	315.	75,600		1.35	102,000
Potatoes	1969	1,290	255.	329,000	Cwt.	3.95	1,300,000
	1968	1,400	295.	413,000		4.00	1,652,000
Sudan	1969	225	3,000.	675,000	Ib.	.065	43,900
	1968	330	1,500.	495,000		.065	32,200
Vegetable Seed	1969	545	385.	209,800		1.52	318,900
	1968	761	233.	177,000		2.13	377,000
Wheat	1969	405	3,500.	1,417,000		.030	42,500
	1968	538	3,000.	1,614,000		.030	48,400
TOTAL	1969	16,667					\$ 4,113,100
	1968	14,464					4,421,120

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

Item	Year	Production Area		Quantity sold by Producers	Unit	Gross Value	
		House sq.ft.	Field Acres			Per Unit	Total
<b>Nursery Crops</b>							
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		13.0	240,500		.18	43,300
	1968		10.0	185,000		.18	33,300
<b>Vegetable Plants</b>							
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			51,300,000		.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
	1968			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
Herbaceous Perennials	1969	190,000		2,500,000	Plant	.25	625,000
	1968	185,000		2,170,000		.29	629,300
Indoor Decorative Plants	1969	100,000		206,000		1.20	247,200
	1968	97,200		155,500		1.48	230,140
Cacti & Succulents	1969	75,000		200,000		.09	18,000
	1968	26,000		52,000		.35	18,200
Bulbs, Rhizomes, Roots, etc.	1969		5.0	28,400	Each	1.50	42,600
	1968		6.0	24,000		1.35	32,400
Propagative Materials, pits, budwood, cuttings, etc.	1969			700,000		.07	49,000
	1968			800,000		.07	56,000
Cut Flowers & Decoratives	1969		9.25		Acre	130.00	1,200
	1968		8.0			100.00	800
TOTAL	1969						\$ 2,722,870
	1968						3,190,090

\* Includes small fruit plants

\*\* Includes rose plants

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

Item	Year	Production		Unit	Gross Value	
		No. Head	Total Liveweight		Per Unit	Total
Cattle and Calves	1969	69,400	400,000	Cwt.	\$ 25.55	\$ 10,220,000
	1968	55,800	341,200		22.66	7,732,000
Sheep and Lambs	1969	83,500	79,500		22.25	1,769,000
	1968	77,900	76,000		20.44	1,554,000
Hogs and Pigs	1969	27,300	56,400		23.33	1,316,000
	1968	24,200	52,000		19.90	1,035,000
Broilers & Fryers	1969	3,039,000	10,637,000	lb.	.19	2,021,000
	1968	2,466,000	8,631,000		.17	1,467,000
Other Chickens	1969	1,578,000	7,496,000		.10	750,000
	1968	1,523,000	8,377,000		.10	838,000
Turkeys	1969	88,500	1,726,000		.24	414,200
	1968	123,600	2,472,000		.22	544,000
Miscellaneous: Pheasant, Squab, Duck, etc.	1969	41,000		Each	1.50	61,500
	1968	54,000			2.00	108,000
TOTAL	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

Crop	Year	Production		Unit	Per Unit	Total
		Total				
Honey	1969	764,700		lb.	\$ .12	\$ 91,800
	1968	290,000			.12	34,800
Beeswax	1969	9,400		lb.	.58	5,450
	1968	2,610			.60	1,570
Pollination	1969	26,400		Colony	6.00	158,400
	1968	29,400			6.60	194,000
TOTAL	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	4,794,000		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 Market	1969	67,235,000	Doz.	.33	22,188,000
	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

Crop & Variety	Bearing Acreage	Non-Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
<b>ALMONDS</b>			<b>GRAPES (Raisin)</b>		
Davey	667.5	11.5	Muscat	19.3	0
Drake	95.2	0	Thompson Seedless	562.7	0
IXL	41.4	0	TOTAL	582.0	0
Jordanolo	484.9	12.9	<b>GRAPES (Table)</b>		
Kapareil	19.2	5.0	Almeria	11.5	0
Merced	963.9	1,233.2	Black Prince	32.4	0
Ne Plus Ultra	891.6	407.5	Cardinal	25.7	0
Nonpareil	10,246.7	4,930.6	Cornichon	13.3	0
Peerless	502.7	54.6	Emperor	28.3	0
Texas	4,213.0	1,117.7	Lady Finger	11.7	0
Thompson	14.5	239.7	Malaga	17.0	0
Other	16.2	23.7	Ribier	59.6	0
TOTAL	18,156.8	8,036.4	Tokay	20,874.7	106.8
<b>APPLES</b>			Other	21.8	6.0
Delicious	8.7	74.1	TOTAL	21,096.0	112.8
Golden Delicious	5.6	64.2	<b>GRAPES (Wine)</b>		
White Astrachan	6.5	0	Alicante-Bouschet	1,032.1	0
Other	2.6	21.9	Barbera	40.5	6.0
TOTAL	23.4	160.2	Burger	581.6	59.1
<b>APRICOTS</b>			Cabernet-Sauvignon	62.1	.6
Blenheim	1,787.5	55.0	Carignane	7,064.6	150.9
Tilton	1,145.2	261.9	Chenin blanc	64.0	415.1
Other	59.7	22.3	Emerald Riesling	43.2	5.0
TOTAL	2,992.4	339.2	French Columbard	329.6	450.2
<b>CHERRIES</b>			Gray Riesling	94.4	14.6
Bing	5,284.7	1,565.5	Grenache	2,494.0	14.4
Black Tartarian	358.7	25.4	Mataro	10.0	0
Burbank	8.9	0	Mission	1,133.8	0
Burlat	80.2	217.1	Palomino	523.4	0
Chapman	39.9	0	Petite Sirah	343.8	0
Jubilee	9.1	19.8	Pinot Noir	68.0	0
Lambert	249.8	11.8	Royalty	92.9	0
Moreau	38.1	6.2	Rubired	55.8	0
Republican	13.8	0	Ruby Cabernet	82.0	16.4
Royal Ann	1,278.8	85.1	Salvador	188.7	0
Seedlings	7.7	397.7	Sauvignon Vert	20.9	0
Van	100.7	26.1	Semillon	49.3	0
Others	11.4	28.8	Sylvaner	21.0	0
TOTAL	7,481.8	2,383.5	Tinta Madeira	28.0	0
<b>CHESTNUTS (ALL)</b>			Valdepenas	261.2	23.1
	27.9	.6	Zinfandel	6,960.4	478.5
<b>CITRUS (ALL)</b>			Other Dark	122.2	37.0
	1.6	0	Other White	9.1	1.8
<b>FIGS</b>			TOTAL	21,776.6	1,672.7
	.3	0			

PERMANENT CROPS cont'd

Crop & Variety	Bearing Acreage	Non-Bearing Acreage	Crop & Variety	Bearing Acreage	Non-Bearing Acreage
<b>NECTARINES</b>			<b>PEACHES-FREESTONE</b>		
LeGrand	3.8	0	Alamar	10.0	0
Rose	5.6	0	Elberta	365.1	53.7
Sun Grand	13.6	0	Fay Elberta	651.4	91.8
Other	19.2	0	Kim Elberta	18.6	4.5
TOTAL	42.2	0	La Fiesta	5.0	0
<b>OLIVES</b>			Red Haven	17.2	0
Ascolano	14.3	0	Rio Oso Gem	52.8	16.5
Manzanillo	108.5	0	Other	45.1	10.4
Mission	39.0	2.1	TOTAL	1,165.2	176.9
Olbonga	27.8	0	<b>PECAN (ALL)</b>		
Sevillanos	6.1	0		.4	0
TOTAL	195.7	2.1	<b>PERSIMMON (ALL)</b>		
<b>PEARS</b>				.4	0
Bartlett	991.5	137.9	<b>PISTACHIO (ALL)</b>		
Other	9.0	0		0	7.0
TOTAL	1,000.5	137.9	<b>PLUMS</b>		
<b>PEACHES-CLINGSTONE</b>			Ace	5.3	0
Andora	51.5	0	Duarte	32.8	0
Andross	13.8	44.7	El Dorado	59.3	0
Carolyn	368.9	157.1	Laroda	43.2	0
Carson	177.8	114.2	Late Santa Rosa	10.7	0
Corona	116.3	17.7	Nubiana	18.3	0
Cortez	233.7	0	Santa Rosa	147.7	0
Dixon	858.3	37.8	Satsuma	25.5	0
Fortuna	219.8	1.5	Sugar	18.5	0
Gaume	591.8	50.9	Tragedy	112.2	3.3
Gomez	274.4	27.0	Other	18.9	1.0
Halford	1,574.2	177.1	TOTAL	492.4	4.3
Jungerman	46.6	42.7	<b>WALNUTS-ENGLISH</b>		
Klampt	32.1	47.6	Ashley	50.1	408.1
Loadel	96.0	134.1	Concord	24.4	0
Paloro	240.0	29.8	Eureka	6,273.9	808.7
Peak	41.6	11.4	Franquette	3,376.7	72.4
SEE 910	5.0	10.6	Grove	81.5	0
Shasta	35.3	0	Hartley	3,821.2	1,054.3
Sierra	28.4	0	Hybrid	.9	47.3
Sims	30.2	0	Marchetti	0	48.6
Stanford	56.2	0	Mayette	442.3	7.5
Starn	426.4	49.6	Nugget	107.3	7.1
Sullivan, Carol	56.9	0	Payne	6,477.6	1,062.1
Vivian	318.1	0	Pedro	0	69.0
Wiser	270.4	30.6	Serr	2.6	42.4
Zolezzi	67.2	8.1	Tehama	0	102.1
Other	60.1	70.1	Trinta	3.5	37.0
TOTAL	6,291.0	1,062.6	Vina #4949	59.2	20.0
			Waterloo	299.9	22.2
			Other	9.1	98.0
			TOTAL	21,030.2	3,906.8
			<b>WALNUTS-BLACK (ALL)</b>		
				35.6	639.7
			<b>FINAL TOTAL ACRES</b>		
				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*
<b>TOTAL</b>	<b>\$ 249,013,670</b>	<b>\$ 249,077,845*</b>

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

1969

1968

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

\* Revised

