

**San Joaquin County
AGRICULTURAL
REPORT
1978**

This year our cover depicts the diversity of San Joaquin County agriculture.

The agricultural commodities produced here each year are worth over 500 million dollars in gross value making agriculture the County's number one industry.

Agricultural economists estimate that this gross value can be multiplied by a factor of three from the time these products leave the field to the time they reach the ultimate consumer.

Thus, the total economic impact of San Joaquin County agriculture can be estimated at over 1.5 billion dollars.



SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

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STOCKTON, CALIFORNIA 95201

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ERWIN B. EBY
AGRICULTURAL COMMISSIONER

JOSEPH F. SILVA
ASST. AGRICULTURAL COMMISSIONER

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 forty-fifth 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 for fresh market fruits and vegetables, where the value is based on packed price, F.O.B., at the shipping point. I would like to emphasize that the figures contained in this report are gross values, rather than net returned to the growers.

The gross value of agricultural products for 1978 is estimated to be \$522,815,000. This is a decrease of \$3,623,000 from the revised 1977 estimate of \$526,438,000.

Although average value for most crops increased, production was significantly reduced. Abundant rainfall in 1978, while ending the two year drought, came during critical growth stages for many crops. This resulted in poor pollination; increased losses from disease, insect, and weed pests; and delayed planting, cultural, and harvesting schedules.

Another factor which resulted in decreased yields, particularly for fruit and nut crops, was the mild winter temperatures which failed to induce the hard dormancy necessary for good fruit and nut set.

The average yield per acre for field crops was down 12% from the 1977 yield; vegetable crops were down 13.5%, fruit and nut crops were down 35%, and seed crops were down 37%.

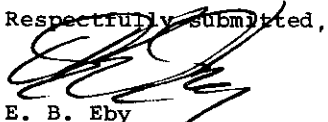
The average value per ton for field crops was up 7% from the 1977 value; vegetable crops were up 12.4%, seed crops were up 25% per cwt., and fruit and nut crops were up 37%.

Individual crops showing significant increases in gross value were dry beans, field corn, pasture and range, walnuts, cattle and calves, milk and nursery crops.

Individual crops showing significant decreases in gross value were barley, hay, wheat, tomatoes, almonds, cherries, grapes, seed crops, and eggs.

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

Respectfully submitted,


E. B. Eby
Agricultural Commissioner

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

DEPARTMENT OF AGRICULTURE

1978 ANNUAL CROP REPORT

E. B. EBY
Agricultural Commissioner

Compiled by
WILLIAM J. GRITZ

RAY A. MAHONEY
Deputy Agricultural Commissioners

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

RICHARD S. YOSHIKAWA	District 1
DOUGLASS WILHOIT	District 2
JOSE ALVA	District 3
GEORGE L. BARBER, Chairman	District 4
ADRIAN C. FONDSE	District 5

CHARLES E. DIXON
County Administrator

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1978 & 1977

Crop	Year	Harvested Acreage	Production		Unit	Gross Value	
			Per Acre	Total		Per Unit	Sub Total
BARLEY	1978	32,300	1.42	45,800	Ton	\$ 96.00	\$ 4,397,000
	1977	37,100	2.18	80,900		90.40	
BEANS DRY <u>ALL</u>	1978	29,200	.85	24,800		478.00	11,859,000
	1977	22,200	.89	19,800		535.45	10,602,000
Blackeye	1978	6,600	.86	5,680		411.00	2,334,000
	1977	6,760	.72	4,870		454.00	2,211,000
Kidney	1978	11,800	.85	10,000		530.00	5,300,000
	1977	8,290	.93	7,710		665.00	5,127,000
Lima	1978	10,600	.85	9,000		460.00	4,140,000
	1977	6,950	1.00	6,950		447.00	3,107,000
Others	1978	200	.71	142		595.00	84,500
	1977	200	1.14	229		685.00	157,000
CORN	1978	79,000	3.85	304,000		94.64	28,771,000
	1977	70,100	3.95	277,000		83.20	23,046,000
HAY, <u>ALL</u>	1978	65,800	5.81	382,300		56.86	21,738,000
	1977	72,800	6.288	457,800		65.037	29,774,000
Alfalfa	1978	50,400	6.77	341,000		59.80	20,392,000
	1977	53,600	7.47	400,000		67.50	27,000,000
Other	1978	15,400	2.68	41,300		32.60	1,346,000
	1977	19,200	3.01	57,800		48.00	2,774,000
OATS	1978	4,740	.71	3,370		114.00	384,000
	1977	6,890	.58	4,000		100.00	400,000
PASTURE & RANGE	1978	310,400			Acre	25.50	7,914,000
	1977	311,000				22.07	6,864,000
Irrigated	1978	60,400				94.40	5,702,000
	1977	60,800				95.41	5,801,000
Other	1978	250,000				8.85	2,212,000
	1977	250,200				4.25	1,063,000
RICE	1978	7,140	2.56	18,300	Ton	130.00	2,379,000
	1977	5,210	3.16	16,500		187.00	3,086,000
SAFFLOWER	1978	13,700	1.32	18,100		231.00	4,181,000
	1977	9,130	1.59	14,500		240.00	3,480,000
SILAGE, CORN	1978	22,500	20.94	471,000		12.00	5,652,000
	1977	26,600	21.40	569,000		10.30	5,861,000
SILAGE, OTHER INCL. GREENCHOP	1978	12,700	9.83	125,000		10.86	1,357,000
	1977	14,600	9.26	135,000		11.90	1,607,000
SORGHUM, GRAIN	1978	2,220	2.18	4,840		87.60	424,000
	1977	1,810	2.47	4,470		79.30	354,000
SUGAR BEETS	1978	22,200	26.26	583,000		26.75	15,595,000
	1977*	21,800	28.90	630,000		23.85	15,025,000
SUNFLOWERS	1978	5,000	.88	4,400		320.00	1,408,000
	1977	4,350	1.01	4,390		330.00	1,449,000
WHEAT	1978	25,600	1.99	50,900		101.00	5,141,000
	1977	26,900	2.86	76,900		85.60	6,583,000
<u>TOTAL</u>	1978	632,500					\$ 111,200,000
	1977	630,490					115,444,000

* 1977 Figure Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1978 & 1977

Crop	Year	Production			Gross Value				
		Harvested Acreage	Non Bearing Acreage	Per Acre	Total	Unit	Per Unit	Sub Total	Total
ALMONDS (MEATS)	1978	27,643	4,990	.39	10,800	Ton	\$ 2,800.00	\$ 30,240,000	
	1977*	26,625	5,480	.84	22,365		1,830.00	40,928,000	
ALMOND HULLS	1978				21,600		35.00	756,000	
	1977				38,240		25.00	956,000	
APPLES	1978	350	85	5.90	2,065		172.00	355,000	
	1977	350	85	16.74	5,860		130.35	764,000	
APRICOTS	1978	3,093	48	5.10	15,800		198.00	3,128,000	
	1977	3,113	87	6.30	19,612		151.00	2,961,000	
CHERRIES, <u>ALL</u>	1978	8,200	1,050	1.49	12,200		1,411.00	17,214,000	
	1977	7,770	1,348	3.08	23,950		926.47	22,189,000	
Fresh Market	1978				8,900		1,668.80	14,852,000	
	1977				17,100		1,164.00	19,904,000	
Processing	1978				3,300		715.76	2,362,000	
	1977				6,850		333.60	2,285,000	
GRAPES, <u>ALL</u>	1978	51,348	2,941	5.45	279,800		198.52	55,546,000	
	1977	46,829	6,971	8.86	415,000		143.28	59,462,000	
Table, All	1978	20,343		5.04	102,600		200.59	20,580,000	
	1977	20,466		10.27	210,000		128.01	26,882,000**	
**Tokay, <u>All</u>	1978	19,735		5.08	100,300		201.41	20,200,000	
	1977	19,847		10.49	208,325		127.99	26,664,000	
Fresh	1978				947,000	23#	7.17	6,790,000	
	1977				1,161,739	Pkg	6.17	7,168,000	
Crushed	1978				89,400	Ton	150.00	13,410,000	
	1977				194,965		100.00	19,496,000	
Wine Varieties <u>All</u>	1978	31,005	2,774	5.715	177,200		197.325	34,966,000	
	1977	26,363	6,889	7.78	205,000		158.93	32,580,000	
Fresh	1978				12,200		364.00	4,441,000	
	1977				26,328		329.07	8,664,000	
Crushed	1978				165,000		185.00	30,525,000	
	1977				178,601		133.91	23,916,000	
PEACHES, <u>ALL</u>	1978	4,461	565	12.73	56,800		140.16	7,961,000	
	1977	4,461	729	14.32	63,880		119.60	7,640,000	
Clingstone Processing	1978	3,664	385	11.92	43,700		135.00	5,899,000	
	1977	3,640	530	14.44	52,600		119.00	6,259,000	
Freestone, <u>All</u>	1978	797	180	16.44	13,100		157.40	2,062,000	
	1977	820	198	13.75	11,280		122.43	1,381,000	
PEARS, FRESH & PROCESSING	1978	877	1	7.75	6,800		220.00	1,496,000	
	1977	932	1	9.03	8,420		116.00	977,000	
PLUMS	1978	233	32	3.00	699		333.00	233,000	
	1977	237	20	4.80	1,140		313.00	357,000	
WALNUTS, ENGLISH	1978	23,491	3,787	.95	22,300		1,400.00	31,220,000	
	1977	22,884	4,269	1.31	30,000		739.00	22,170,000	
MISC. (ORANGES, FIGS, NECTARINES, PECANS, CHESTNUTS, PRUNES, PERSIMMONS, BUSHBERRIES, OLIVES, STRAWBERRIES)	1978							564,000	
	1977							541,000	
<u>TOTAL</u>	1978	119,696						\$ 148,713,000	
	1977	113,201*						158,945,000*	

* Figure for 1977 Revised

** Data Supplied by Tokay Marketing Agreement

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1978 & 1977

Crop	Year	Production			Unit	Gross Value		
		Harvested Acreage	Per Acre	Total		Per Unit	Sub Total	Total
*ASPARAGUS, <u>ALL</u>	1978	16,950	1.43	24,250	Ton	838.35	\$	\$ 20,330,000
	1977	18,500	1.636	30,270		641.06		19,405,000
Fresh	1978		.78	13,228		1,003.45		13,274,000
	1977		.46	8,570		897.00		7,687,000
Processing	1978		.65	11,025		640.00		7,056,000
	1977		1.17	21,700		540.00		11,718,000
BEANS, GREEN SNAP	1978	1,900	2.31	4,390		180.00		790,000
	1977	2,500	1.88	4,700		168.00		790,000
LIMA	1978	1,231	1.30	1,600		330.00		528,000
	1977	1,050	1.42	1,490		360.00		536,000
CORN, SWEET	1978	569	215.00	122,000	46#	4.36		532,000
	1977	372	206.00	76,600	Pkg	3.95		303,000
CUCUMBERS	1978	1,680	16.33	27,500	Ton	120.00		3,300,000
	1977	1,680	18.18	30,500		93.57		2,854,000
MELONS, <u>ALL</u>	1978	1,807	15.36	27,760		72.41		2,010,000
	1977	1,290	17.12	22,080		78.17		1,726,000
Watermelon	1978	1,350	16.66	22,500		69.80		1,570,000
	1977	844	20.12	17,000		73.80		1,255,000
Melons, Other	1978	467	11.26	5,260		83.60		440,000
	1977	446	11.39	5,080		92.70		471,000
ONIONS, DRY	1978	1,870	19.11	35,700		134.00		4,784,000
	1977	1,880	21.79	41,000		104.00		4,264,000
PEPPERS	1978	1,690	13.02	22,000		169.00		3,718,000
	1977	1,700	11.93	20,300		175.00		3,552,000
POTATOES	1978	2,090	271.50	567,000	Cwt.	6.20		3,515,000
	1977	1,940	302.00	586,000		5.07		2,971,000
TOMATOES, <u>ALL</u>	1978	32,810	19.29	632,900	Ton	69.78		44,166,000
	1977	36,140	22.69	820,000		68.21		55,934,000
Shipping	1978	4,900	9.77	47,900		265.00		12,693,000
	1977	3,240	11.12	36,000		332.00		11,952,000
**Processing	1978	27,910	20.96	585,000		53.80		31,473,000
	1977	32,900	23.84	784,000		56.10		43,982,000
MISC. VEGETABLES	1978	5,600						6,137,000
	1977	4,000						5,477,000
<u>TOTAL</u>	1978	68,197						\$ 89,810,000
	1977	71,052						97,812,000

* Data Supplied by California Asparagus Growers Association

** Data Supplied by California Crop & Livestock Reporting Service

SEED CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1978 & 1977

Crop	Year	Production		Total	Unit	Gross Value	
		Harvested Acreage	Per Acre			Per Unit	Total
*BEANS, CERTIFIED SEED							
DARK RED	1978	2,290	14.51	33,230	Cwt.	\$ 30.00	\$ 997,000
KIDNEY	1977	2,060	16.25	33,500		41.00	1,373,000
LIGHT RED	1978	5,350	17.00	90,950		30.00	2,729,000
KIDNEY	1977	3,820	18.00	68,800		37.50	2,580,000
OTHER	1978	890	14.00	12,460		34.00	424,000
	1977	626	17.55	10,990		34.84	383,000
CLOVER	1978	317	220.00	70,000	Lb.	1.15	80,000
	1977	700	375.00	263,000		1.20	316,000
POTATOES	1978	490	254.00	124,460	Cwt.	6.90	859,000
	1977	536	280.00	150,000		4.75	713,000
VEGETABLE SEED	1978	400	188.00	75,000	Lb.	4.33	325,000
	1977	453	264.00	120,000		3.75	450,000
GRAIN SEED	1978	3,600	2,100.00	7,560,000		.058	438,000
	1977	4,300	5,489.00	23,603,000		.05	1,180,000
MISC. SEED	1978	90					72,000
	1977	120					68,000
<u>TOTAL</u>	1978	13,427					\$ 5,924,000
	1977	12,615					7,063,000

NURSERY PRODUCTS: SALES AND GROSS VALUE, 1978 & 1977

Item	Year	Quantity Sold by Producers	Unit	GROSS VALUE	
				Per Unit	Total
GRAPE VINES, FRUIT & NUT TREES	1978	897,000	Plant	\$.75	\$ 673,000
	1977	405,500		1.27	515,000
VEGETABLE PLANTS, <u>ALL</u>	1978	297,000,000			1,374,000
	1977	48,824,000			645,000
FLOWERING POTTED PLANTS	1978	3,093,000	Each	.832	2,573,000
	1977	2,013,000		.88	1,771,000
FOLIAGE PLANTS	1978	4,294,000		1.40	6,012,000
	1977	4,926,000		1.37	6,749,000
BEDDING PLANTS	1978	992,000	Pkg.	.449	445,000
	1977	2,210,000		.50	1,105,000
WOODY ORNAMENTALS	1978	458,000	Each	1.50	687,000
	1977	240,000		1.00	240,000
BULBS, RHIZOMES, CACTUS, SUCCULENTS, ETC.	1978				1,354,000
	1977				1,130,000
<u>TOTAL</u>	1978				\$ 13,118,000
	1977				12,155,000

* These figures represent the total acreage applied for under the certification program. The total acreage which passed certification was not available at the time of publication.

LIVESTOCK AND POULTRY: PRODUCTION AND GROSS VALUE, 1978 & 1977

<u>Item</u>	<u>Year</u>	<u>No. Head</u>	<u>Liveweight</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
CATTLE & CALVES	1978	114,000	723,600	Cwt.	44.76	\$ 32,388,000
	1977	50,700	412,500		29.90	12,334,000
SHEEP & LAMBS	1978	23,500	21,200		53.30	1,130,000
	1977	21,000	18,900		45.20	854,000
HOGS & PIGS	1978	19,500	20,700		58.10	1,203,000
	1977	17,700	19,100		48.10	919,000
BROILERS & FRYERS	1978	1,633,000	7,349,000	Lb.	.27	1,984,000
	1977	1,418,000	6,330,000		.27	1,709,000
OTHER CHICKENS & PULLETS	1978	4,504,000	20,268,000		.15	3,040,000
	1977	4,204,000	18,918,000		.11	2,081,000
TURKEYS	1978	197,000	3,576,000		.32	1,144,000
	1977	377,000	9,508,000		.35	3,328,000
MISC. (PHEASANT, DUCK, SQUAB, ETC.)	1978	145,000		Each	1.56	226,000
	1977	170,300			1.72	293,000
<u>TOTAL</u>	1978					\$ 41,115,000
	1977					21,518,000

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND GROSS VALUE, 1978 & 1977

<u>Item</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Sub Total</u>	<u>Total</u>
*MILK, <u>ALL</u>	1978	8,091,000	Cwt.	10.0586	\$	\$ 81,384,000
	1977	8,165,000		9.6752		78,998,000*
Market	1978	7,776,000		10.091		78,468,000
	1977	7,714,000		9.738		75,119,000
Manufacturing	1978	315,000		9.257		2,916,000
	1977	451,000		8.60		3,879,000
WOOL	1978	233,000	Lb.	.625		146,000
	1977	207,000		.71		147,000
EGGS, CHICKEN	1978	64,483,000	Doz.	.46		29,662,000
	1977	69,335,000		.47		32,587,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1978					951,000
	1977					1,138,000
<u>TOTAL</u>	1978					\$ 112,143,000
	1977					112,870,000

* 1977 Figures Revised, Data Supplied by California Crop & Livestock Reporting Service

APIARY PRODUCTS: PRODUCTION AND GROSS VALUE, 1978 & 1977

<u>Crop</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
HONEY	1978	352,000	Lb.	\$.45	\$ 158,000
	1977*	176,000		.39	69,000
POLLINATION	1978	47,000	Colony	12.50	587,000
	1977	46,200		10.50	485,000
OTHER (INCL. BEESWAX, PACKAGE BEES, QUEEN BEES, ETC.)	1978				47,000
	1977*				77,000
<u>TOTAL</u>	1978				\$ 792,000
	1977				631,000

* 1977 Figure Revised

SUMMARY

<u>Item</u>	<u>1978</u>	<u>1977</u>
FIELD CROPS	\$ 111,200,000	\$ 115,444,000*
VEGETABLE CROPS	89,810,000	97,812,000
FRUIT & NUT CROPS	148,713,000	158,945,000*
SEED CROPS	5,924,000	7,063,000
NURSERY PRODUCTS	13,118,000	12,155,000
LIVESTOCK & POULTRY	41,115,000	21,518,000
LIVESTOCK & POULTRY PRODUCTS	112,143,000	112,870,000*
APIARY PRODUCTS	792,000	631,000*
<u>TOTALS</u>	<u>\$ 522,815,000</u>	<u>\$ 526,438,000*</u>

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

<u>Crop</u>	<u>1978</u>		<u>Crop</u>	<u>1977</u>	
	<u>Production</u>	<u>Gross Value</u>		<u>Production</u>	<u>Gross Value</u>
MILK	8,091,000 cwt.	\$ 81,384,000	Milk	8,165,000 cwt.*	\$ 78,998,000*
GRAPES	51,348 acres	55,546,000	GRAPES	46,829 acres	59,462,000
TOMATOES	32,810 acres	44,166,000	TOMATOES	35,840 acres	55,934,000
CATTLE & CALVES	723,600 cwt.	32,388,000	ALMONDS	26,625 acres	40,928,000*
WALNUTS	23,491 acres	31,220,000	EGGS	69,335,000 doz.	32,587,000
ALMONDS	27,643 acres	30,240,000	HAY	72,800 acres	29,774,000
EGGS	64,483,000 doz.	29,662,000	CORN (FIELD)	70,100 acres	23,046,000
CORN (FIELD)	79,000 acres	28,771,000	CHERRIES	7,770 acres	22,189,000
HAY	65,800 acres	21,738,000	WALNUTS	22,884 acres	22,170,000
ASPARAGUS	16,950 acres	20,330,000	ASPARAGUS	18,500 acres	19,405,000
		<u>\$ 375,445,000</u>			<u>\$ 384,493,000*</u>

* Revised

