



**San Joaquin County
AGRICULTURAL
REPORT
1986**

SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

1986 ANNUAL CROP REPORT

E. B. EBY
Agricultural Commissioner

Compiled by
Thomas Watkins
Senior Agricultural Inspector

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JOSEPH F. SILVA
ASST. AGRICULTURAL COMMISSIONER

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TO CLARE BERRYHILL, DIRECTOR
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

AND

THE HONORABLE BOARD OF SUPERVISORS
SAN JOAQUIN COUNTY

Dear Director and Board Members:

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to present the fifty-third Annual Report of Agricultural Production in the County of San Joaquin. The values shown are estimates 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. The figures contained in this report are gross values, rather than net returns to the growers.

These figures have been statistically rounded and will not necessarily multiply across to the exact amount given but will compute to a number that can be rounded to the published figures. The gross value for agricultural production for 1986 in San Joaquin County is estimated to be \$659,834,000. This is a decrease of \$50,377,000 from the revised estimate for 1985 of \$710,211,000.

Individual crops showing the most significant decreases in gross value were cherries, corn, almonds, alfalfa, and wheat. Tree crops were greatly affected by adverse weather conditions in February and March which did not allow the trees to set a normal crop. Cherries, almonds, peaches and walnuts alone accounted for a reduction in value of over thirty-one million dollars from 1985 production figures. The field corn value is down significantly because of a 16% decrease in acreage harvested combined with a 23% decrease in price per ton.

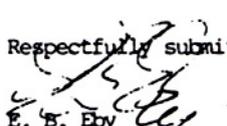
San Joaquin County producers continue to be strained by financial pressures, a reflection of the national farm economic picture. This situation certainly is one of the negative factors responsible for another decrease in overall gross value, a trend which has occurred in four of the last five years.

However, there is some cautious optimism among the agricultural community as the overall economic picture shows signs of improvement with agricultural exports on the increase due to a lower dollar exchange rate and stabilization of some commodity values.

Commodities showing significant increase in gross value over 1985 were grapes, cattle and calves, potatoes and apples. These increases were mainly due to higher prices paid for these commodities with the exception of cattle and calves, which increased due to a greater number of head sold.

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

Respectfully submitted,


E. B. Eby
Agricultural Commissioner

AGRICULTURAL COMMISSIONER

ERWIN B. EBY

ASSISTANT AGRICULTURAL COMMISSIONER

JOSEPH F. SILVA

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Raymond Mahoney
Robert Croce
Charles Davenport
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Marie Westerman
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Merle Worthen
David Kehler
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Frank Ramalho
Jerry Tarwater

Economic Entomologist
Deputy Agricultural Commissioner
Deputy Agricultural Commissioner
Deputy Agricultural Commissioner
Senior Agricultural Inspector
Plant Nematologist
Agricultural Pest Surveyor
Agricultural Pest Surveyor
Account Technician II
Clerk Typist III
Specialist Clerk
Specialist Clerk
Clerk Typist II
Pest Abatement Foreman
Pest Abatement Operator II
Pest Abatement Operator II
Pest Abatement Operator II
Pest Abatement Operator II
Mechanic I

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Michael Croce
Scott Hudson
Dale Odneal
Elaine Campbell
Don Fehling

Deputy Agricultural Commissioner
Senior Agricultural Inspector
Senior Agricultural Inspector
Senior Agricultural Inspector
Clerk Typist II
Pest Abatement Operator II

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Scott Barnes
Norman Daveluy
Merion Duren
Daniel Giesing
Fred Minazzoli
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Deputy Agricultural Commissioner
Agricultural Inspector I, Manteca Office
Senior Agricultural Inspector, Manteca Office
Senior Agricultural Inspector, Tracy Office
Senior Agricultural Inspector, Tracy Office
Senior Agricultural Inspector, Escalon Office
Clerk Typist II, Escalon Office
Clerk Typist II, Manteca Office
Clerk Typist II, Tracy Office

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1986 & 1985

CROP	YEAR	PRODUCTION			UNIT	PER UNIT	GROSS VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL			SUB-TOTAL	TOTAL
BARLEY	1986	6,970	1.86	12,900	Ton	91.80	\$	1,184,000
	1985	9,750	2.37	23,100		107.00		2,480,000
BEANS DRY ALL**	1986	19,200	1.05	20,100		626.00		12,590,000
	1985	28,900	1.15	33,300		489.00		16,289,000
BLACKEYE	1986	2,290	.82	1,870		611.00	\$	1,143,000
	1985	2,100	.87	1,830		390.00		713,000
KIDNEY	1986	10,700	1.07	11,400		752.00		8,572,000
	1985	16,700	1.14	19,000		575.00		10,942,000
LIMA	1986	6,220	1.10	6,850		420.00		2,875,000
	1985	9,710	1.25	12,100		367.00		4,445,000
CORN	1986	61,000	4.62	282,000		79.80		22,497,000
	1985	72,300	4.70	340,000		104.00		35,235,000
HAY-ALL	1986	69,000	5.78	399,000		81.30		32,440,000
	1985	68,300	6.71	459,000		87.00		39,765,000
ALFALFA	1986	56,500	6.46	365,000		84.00		30,675,000
	1985	59,600	7.31	436,000		88.00		38,326,000
OTHER	1986	12,500	2.73	34,100		51.70		1,765,000
	1985	8,670	2.62	22,700		63.00		1,439,000
OATS	1986	2,920	1.09	3,180		120.00		382,000
	1985	5,730	1.24	7,080		122.00		862,000
PASTURE & RANGE	1986	171,000			Acre	40.00		6,834,000
	1985	169,000				30.00		4,981,000
IRRIGATED	1986	30,800				130.00		4,006,000
	1985	28,500				122.00		3,477,000
OTHER	1986	140,000				20.00		2,828,000
	1985	140,000				11.00		1,504,000
RICE	1986	4,750	2.92	13,900	Ton	169.00		2,348,000
	1985	4,650	3.35	15,600		132.00		2,056,000
SAFFLOWER	1986	6,400	1.43	9,130		220.00		2,005,000
	1985	5,090	1.42	7,240		252.00		1,822,000
SILAGE, CORN	1986	24,200	26.30	637,000		16.50		10,541,000
	1985	20,000	27.30	545,000		16.00		8,737,000
SILAGE, OTHER INCLUDING GREENCHOP	1986	17,900	9.94	178,000		13.20		2,348,000
	1985	13,700	16.80	231,000		15.00		3,523,000
SORGHUM, GRAIN	1986	630	2.48	1,570		79.70		125,000
	1985	1,160	3.00	3,470		96.00		333,000
SUGAR BEETS	1986	28,100	24.80	695,000		34.00		23,618,000
	1985	32,200	22.70	731,000		34.42		25,161,000*
SUNFLOWERS	1986	5,040	.76	3,850		370.00		1,423,000
	1985	4,580	.85	3,900		380.00		1,481,000
WHEAT	1986	45,800	2.50	115,000		84.20		9,680,000
	1985	46,500	3.15	147,000		107.00		15,757,000
TOTAL	1986	463,000					\$	128,015,000
	1985	482,000						158,482,000*

* Revised

**1985 figures include miscellaneous other beans in total.

Numbers may not compute exactly due to rounding.

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1986 & 1985

CROP	YEAR	HARVESTED ACREAGE	NON- BEARING ACREAGE	PRODUCTION		UNIT	PER UNIT	GROSS VALUE	
				PER ACRE	TOTAL			SUB-TOTAL	TOTAL
ALMOND (MEATS)	1986	36,444	981	0.20	7,290	Ton	\$ 3,900		\$ 28,426,000
	1985	36,933	1,120	0.60	22,100		1,680		37,128,000**
ALMOND HULLS	1986				14,900		45		672,000
	1985				44,200		50		2,210,000
APPLES	1986	1,272	407	11.0	14,000		478		6,688,000
	1985	1,165	442	13.5	15,700		267		4,200,000
APRICOTS	1986	3,013	58	6.17	18,600		290		5,391,000
	1985	3,052	56	6.05	18,500		188		3,471,000
CHERRIES, ALL	1986	7,412	459	.98	7,250		1,520		11,022,000
	1985	7,970	167	2.39	19,100		1,560		29,719,000
Fresh Market	1986				5,720		1,780	\$ 10,163,000	
	1985				15,700		1,778	28,000,000	
Processing	1986				1,530		561	859,000	
	1985				3,370		511	1,719,000	
GRAPES, ALL	1986	51,799	1,390	7.89	408,500		179		73,088,000
	1985	53,343	1,215	8.23	439,000		154		67,576,000
Table, All	1986	17,663		8.50	150,000		158	23,670,000	
	1985	17,873		8.62	154,000		161	24,736,000	
Tokay, All*	1986	17,417	485	8.59	150,000		158	23,614,000	
	1985	17,677	586	8.65	153,000		161	24,683,000	
Fresh	1986				4,780		609	2,909,000	
	1985				7,490		522	3,910,000	
Crushed	1986				145,000		143	20,705,000	
	1985				146,000		142	20,773,000	
Wine Varieties All	1986	34,136	820	7.60	259,000		191	49,418,000	
	1985	35,470	583	8.03	285,000		150	42,840,000	
Fresh	1986				7,570		446	3,380,000	
	1985				13,600		235	3,206,000	
Crushed	1986				251,000		184	46,038,000	
	1985				271,000		146	39,634,000	
PEACHES, ALL	1986	2,855	95	14.40	41,100		181		7,441,000
	1985	3,131	38	17.27	54,100		187		10,117,000
Clingstone Processing	1986	2,285	93	13.90	31,800		168	5,332,000	
	1985	2,436	38	16.75	40,800		182	7,427,000	
Freestone All	1986	570	2	16.30	9,260		226	2,093,000	
	1985	695	0	19.13	13,300		202	2,690,000	
PEARS, FRESH & PROCESSING	1986	731	2	12.70	9,320		170		1,585,000
	1985	733	7	14.02	10,300		165		1,696,000
WALNUTS, ENGLISH	1986	25,318	2,585	.93	23,500		1,030		24,232,000
	1985	26,046	2,532	1.38	35,800		710		25,442,000
MISCELLANEOUS (PECANS, KIWI, PLUMS, OLIVES, PRUNES, NECTARINES, CHESTNUTS, BERRIES, ETC.)	1986								3,064,000
	1985								2,886,000
TOTAL	1986	130,000							\$ 161,397,000
	1985	132,000							184,445,000**

* Data supplied by Tokay Marketing Agreement

**Revised

Numbers may not compute exactly due to rounding.

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1986 & 1985

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			GROSS VALUE		
			PER ACRE	TOTAL	UNIT	PER UNIT	SUB-TOTAL	TOTAL
ASPARAGUS, ALL*	1986	20,100	1.31	26,300	Ton	\$ 1,100.00		\$ 28,966,000
	1985	18,100	1.46	26,600		1,050.00		27,972,000
Fresh	1986		1.07	21,500		1,190.00	\$ 25,488,000	
	1985		1.05	19,100		1,180.00	22,616,000	
Processing	1986		.24	4,810		720.00	3,465,000	
	1985		.41	7,440		720.00	5,356,000	
BEANS, LIMA	1986	228	1.60	365		344.00		125,000
	1985	921	1.50	1,380		360.00		498,000
CAULIFLOWER	1986	537	5.00	2,690		440.00		1,185,000
	1985	1,820	4.50	8,170		397.00		3,241,000
CUCUMBERS	1986	1,540	20.00	30,800		131.00		4,038,000
	1985	1,890	21.60	40,700		140.00		5,700,000
MELONS, ALL	1986	1,990	16.20	32,300		81.70		2,638,000
	1985	2,550	14.90	37,900		58.70		2,225,000
Watermelon	1986	1,430	17.90	25,500		82.60	2,105,000	
	1985	2,270	15.60	35,300		57.60	2,036,000	
Melons, Other	1986	560	12.10	6,790		78.50	533,000	
	1985	275	9.60	2,640		71.70	189,000	
ONIONS, DRY	1986	1,650	20.40	33,600		160.00		5,374,000
	1985	1,750	19.60	34,200		222.00		7,605,000
PEPPERS	1986	3,110	13.00	40,400		232.00		9,385,000
	1985	2,310	12.20	28,100		256.00		7,211,000
POTATOES	1986	1,990	295.00	588,000	Cwt.	9.50		5,584,000
	1985	1,630	332.00	540,000		4.60		2,483,000
PUMPKINS	1986	1,090	12.70	13,900	Ton	146.00		2,028,000
	1985	1,050	11.00	11,500		71.40		823,000
TOMATOES, ALL	1986	24,400	26.30	641,000		85.20		54,628,000
	1985	28,400	24.40	694,000		82.20		56,906,000
Shipping	1986	5,570	13.70	76,400		326.00	24,916,000	
	1985	6,130	11.90	73,100		320.00	23,394,000	
Processing	1986	18,800	30.10	565,000		52.60	29,712,000	
	1985	22,300	27.80	621,000		54.00	33,512,000	
MISC. VEGETABLES	1986	2,790						4,505,000
	1985	3,160						4,273,000
TOTAL	1986	59,300						\$ 118,444,000
	1985	63,600						118,937,000

* Data supplied by California Asparagus Growers Association.

Numbers may not compute exactly due to rounding.

SEED CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1986 & 1985

CROP	YEAR	PRODUCTION			GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
*BEANS, CERTIFIED SEED							
DARK RED	1986	1,240	20.7	25,600	Cwt.	\$ 37.50	\$ 959,000
KIDNEY	1985	1,350	22.2	30,100		32.00	962,000
LIGHT RED	1986	2,270	20.5	46,600		37.20	1,732,000
KIDNEY	1985	3,050	22.5	68,500		32.30	2,213,000
OTHER	1986	302	17.3	5,230		38.90	203,000
	1985	277	22.8	6,310		22.00	139,000
CLOVER	1986	167	360.0	60,100	Lbs.	1.50	90,200
	1985	565	370.0	209,000		1.50	314,000
POTATOES	1986	400	290.0	116,000	Cwt.	9.80	1,137,000
	1985	635	243.0	154,000		6.20	957,000
VEGETABLE SEED	1986	488	397.0	194,000	Lbs.	7.17	1,391,000
	1985	535	602.0	322,000		3.52	1,135,000
GRAIN SEED	1986	1,990	4,440.0	8,843,000		.09	765,000
	1985	2,100	5,350.0	11,264,000		.07	763,000
TOTAL	1986	6,850					\$ 6,277,000
	1985	8,510					6,483,000

NURSERY PRODUCTS: SALES AND GROSS VALUE, 1986 & 1985

ITEM	YEAR	QUANTITY SOLD BY PRODUCERS	UNIT	GROSS VALUE	
				PER UNIT	TOTAL
GRAPE VINES, FRUIT & NUT TREES	1986	536,000	Plant	\$ 1.52	\$ 817,000
	1985	638,000		1.73	1,106,000
VEGETABLE PLANTS, ALL	1986	73,973,000			1,518,000
	1985	60,520,000			1,764,000
FLOWERING POTTED PLANTS	1986	1,839,000	Each	2.21	4,059,000
	1985	1,717,000		1.85	3,178,000
FOLIAGE PLANTS	1986	3,409,000		2.01	6,840,000
	1985	3,241,000		1.87	6,044,000
BEDDING PLANTS	1986	671,000	Pkg.	.76	507,000
	1985	1,263,000		.53	671,000
WOODY ORNAMENTALS	1986	102,000	Each	12.40	1,265,000
	1985	108,000		10.61	1,146,000
BULBS, RHIZOMES, TURF, CACTUS SUCCULENTS, ETC.	1986				3,941,000
	1985				3,191,000
TOTAL	1986				\$ 18,947,000
	1985				17,100,000

*The figures represent the total acreage which passed field inspection. The total acreage which passed final certification was not available at the time of publication.

Numbers may not compute exactly due to rounding.

LIVESTOCK AND POULTRY: PRODUCTION AND GROSS VALUE, 1986 & 1985

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1986*	161,000	682,000	Cwt.	\$ 48.20	\$ 32,866,000
	1985	147,000	571,000		50.00	28,538,000
SHEEP & LAMBS	1986	27,700	27,400		63.00	1,727,000
	1985	31,900	31,600		63.00	1,988,000
HOGS & PIGS	1986	14,300	15,200		70.20	1,068,000
	1985	14,300	15,200		66.10	1,006,000
BROILERS & FRYERS	1986	1,010,000	4,545,000	Lbs.	.49	2,227,000
	1985	1,185,000	5,333,000		.34	1,813,000
OTHER CHICKENS & PULLETS	1986	5,220,000		Each	.29	1,514,000
	1985	4,894,000			.29	1,419,000
TURKEYS	1986	241,000	3,805,000	Lbs.	.56	2,139,000
	1985	241,000	3,805,000		.48	1,827,000
TOTAL	1986					\$ 41,540,000
	1985					36,591,000

*Includes animals sold due to dairy herd buyout program.

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND GROSS VALUE, 1986 & 1985

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUB-TOTAL	TOTAL
MILK, ALL*	1986	11,730,000	Cwt.	\$ 11.69		\$ 137,122,000
	1985	11,262,000**		12.13		136,630,000**
Market	1986	11,352,000		11.72	133,044,000	
	1985	10,876,000**		12.17	132,358,000**	
Manufacturing	1986	378,000		10.80	4,078,000	
	1985	386,000**		11.06	4,271,000**	
WOOL	1986	283,000	Lbs.	0.67		188,000
	1985	326,000		0.58		190,000
EGGS, CHICKEN	1986	90,219,000	Doz.	0.50		45,399,000
	1985	96,263,000		0.48		46,415,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1986					724,000
	1985					3,059,000
TOTAL	1986					\$ 183,433,000
	1985					186,294,000**

* Data supplied by California Crop & Livestock Reporting Service.

** Revised.

APIARY PRODUCTS: PRODUCTION AND GROSS VALUE, 1986 & 1985

CROP	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
HONEY	1986	245,000	Lbs.	.42	\$ 103,000
	1985	343,000		.53	182,000
POLLINATION	1986	76,300	Colony	21.80	1,667,000
	1985	77,000		22.00	1,686,000
OTHER (INCL. QUEEN BEES, BEESWAX, PACKAGE BEES, ETC.)	1986				10,900
	1985				11,000
TOTAL	1986				\$ 1,781,000
	1985				1,879,000

Numbers may not compute exactly due to rounding.

SUMMARY

Item	1986	1985
FIELD CROPS	\$ 128,015,000	\$ 158,482,000*
FRUIT & NUT CROPS	161,397,000	184,445,000*
VEGETABLE CROPS	118,444,000	118,937,000
SEED CROPS	6,277,000	6,483,000
NURSERY PRODUCTS	18,947,000	17,100,000
LIVESTOCK & POULTRY	41,540,000	36,591,000
LIVESTOCK & POULTRY PROD	183,433,000	186,294,000*
APIARY PRODUCTS	1,781,000	1,879,000
TOTALS	\$ 659,834,000	\$ 710,211,000*

*Revised

SAN JOAQUIN COUNTY'S TEN LEADING CROPS FOR THE PAST FIVE YEARS

CROP	1986 Value	1985 Rank	1984 Rank	1983 Rank	1982 Rank	1981 Rank
1. MILK	\$ 137,122,000	1	1	1	1	1
2. GRAPES	73,088,000	2	2	2	2	2
3. TOMATOES	54,628,000	3	3	3	3	4
4. EGGS	45,399,000	4	4	4	5	5
5. CATTLE & CALVES	32,866,000	9	10	6	4	3
6. HAY	32,440,000	5	8	5	8	11
7. ASPARAGUS	28,966,000	10	11	9	10	10
8. ALMONDS (MEATS)	28,426,000	6*	5	12	9	9
9. WALNUTS	24,232,000	11	12	10	6	6
10. SUGAR BEETS	23,618,000	12	9	7	12	12
	\$ 480,785,000					

* Revised