





SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

1987 ANNUAL CROP REPORT

E. B. EBY  
Agricultural Commissioner

Compiled by  
Thomas Watkins  
Senior Agricultural Inspector  
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\*\*\*\*\*

DAVID D. ROWLANDS, JR.  
County Administrator





SAN JOAQUIN COUNTY  
OFFICE OF THE  
AGRICULTURAL COMMISSIONER

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ERWIN B. EBY  
AGRICULTURAL COMMISSIONER  
SEALER OF WEIGHTS & MEASURES  
ANIMAL CONTROL

ASST. AGRICULTURAL COMMISSIONER

TO JACK PARNELL, 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-fourth Annual Report of Agricultural Production in the County of San Joaquin. The figures contained in this report are gross values, rather than net returns to the growers.

The gross value for agricultural production for 1987 in San Joaquin County is estimated to be \$746,095,000. This is an increase of \$89,103,000 from the revised estimate for 1986 of \$656,992,000.

A turnaround in the cherry, almond and walnut crops, which were adversely affected by the weather in 1986, was the main reason for this significant increase in the value of the 1987 crop. These tree crop growers were rewarded with good weather during crop set in 1987 which resulted in a 290 percent increase in total production. Sugar beets also increased significantly in value over 1986. This crop showed an increase of \$10.2 million due to increased yields and an increase of harvested acres. Cattle and calves showed a \$3.8 million increase because of a substantial increase in value per hundredweight.

The overall farm economic picture in San Joaquin County improved in 1987. Growers hope that this will be the beginning of a positive trend, influenced by increased agricultural exports and changes in American eating habits.

Commodities showing significant decreases in gross value from 1986 were grapes and eggs. Overall grape tonnage was down 22%, with Tokays showing a substantial drop in production. Additionally, grape acreage dropped by 2,500 acres. The egg value decrease is a result of a price drop which shows little sign of improvement.

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

MARY R. JENSEN

STOCKTON OFFICE

Dr. Kirby Brown	Economic Entomologist
David Frieders	Deputy Agricultural Commissioner
Jack Gianelli	Deputy Agricultural Commissioner
Raymond Mahoney	Deputy Agricultural Commissioner
Donald Shephard	Systems & Procedures Analyst II
Robert Croce	Senior Agricultural Inspector
Charles Davenport	Senior Agricultural Inspector
Vicki Helmar	Senior Agricultural Inspector
Douglas Mattes	Senior Agricultural Inspector
Thomas Watkins	Senior Agricultural Inspector
Randall Willson	Senior Agricultural Inspector
Arthur Moretto	Plant Nematologist
Milton O'Haire	Agricultural Pest Surveyor
Sue Williamson	Agricultural Pest Surveyor
May Saiki	Account Technician II
Louise Pulliam	Clerk Typist III
Judy Gaut	Specialist Clerk
Marie Westerman	Specialist Clerk
Merle Worthen	Pest Abatement Foreman
David Kehler	Pest Abatement Operator II
John Loney	Pest Abatement Operator II
Clint McCarty	Pest Abatement Operator II
Frank Ramalho	Pest Abatement Operator II
Jerry Tarwater	Mechanic II

LODI OFFICE

William Gritz	Deputy Agricultural Commissioner
Michael Croce	Senior Agricultural Inspector
Scott Hudson	Senior Agricultural Inspector
Dale Odneal	Senior Agricultural Inspector
Dorothy Kimble	Clerk Typist II
Don Fehling	Pest Abatement Operator II

SOUTHERN DIVISION

Scott Barnes	Deputy Agricultural Commissioner
Norman Daveluy	Agricultural Inspector I, Manteca
Merion Duren	Senior Agricultural Inspector, Manteca
Daniel Giesing	Senior Agricultural Inspector, Tracy
Fred Minazzoli	Senior Agricultural Inspector, Tracy
Donna Dugo	Senior Agricultural Inspector, Escalon
Rita Mejia	Clerk Typist II, Escalon
Laura Rocha	Clerk Typist II, Manteca
	Clerk Typist II, Tracy



## FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1987 & 1986

CROP	YEAR	PRODUCTION				GROSS VALUE			
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL	
BARLEY	1987	6,370	2.39	15,200	TON	\$ 92.10		\$ 1,400,000	
	1986	6,970	1.86	12,900	TON	91.80		1,184,000	
BEANS, DRY, ALL **	1987	20,600	1.06	21,800	TON	557.00		12,144,000	
	1986	19,200	1.05	20,100	TON	626.00		12,590,000	
BEANS, BLACKEYE	1987	4,390	0.78	3,440	TON	433.00	\$ 1,491,000		
	1986	2,290	0.82	1,870	TON	611.00	1,143,000		
BEANS, KIDNEY	1987	11,000	1.08	11,900	TON	598.00	7,118,000		
	1986	10,700	1.07	11,400	TON	752.00	8,572,000		
BEANS, LIMA	1987	5,170	1.25	6,460	TON	546.00	3,527,000		
	1986	6,220	1.10	6,850	TON	420.00	2,875,000		
CORN	1987	51,700	4.70	243,000	TON	84.00		20,424,000	
	1986	61,000	4.62	282,000	TON	79.80		22,497,000	
HAY, ALL	1987	65,100	6.29	409,000	TON	77.10		31,550,000	
	1986	69,000	5.78	399,000	TON	81.30		32,440,000	
HAY, ALFALFA	1987	54,800	6.79	372,000	TON	80.00	29,749,000		
	1986	56,500	6.46	365,000	TON	84.00	30,675,000		
HAY, OTHER	1987	10,300	3.63	37,400	TON	48.20	1,801,000		
	1986	12,500	2.73	34,100	TON	51.70	1,765,000		
OATS	1987	3,620	1.09	3,950	TON	127.00		502,000	
	1986	2,920	1.09	3,180	TON	120.00		382,000	
PASTURE & RANGE	1987	171,000			ACRE	40.50		6,901,000	
	1986	171,000			ACRE	40.00		6,834,000	
PASTURE, IRRIGATED	1987	30,600			ACRE	128.00	3,926,000		
	1986	30,800			ACRE	130.00	4,006,000		
PASTURE, OTHER	1987	140,000			ACRE	21.30	2,975,000		
	1986	140,000			ACRE	20.20	2,828,000		
RICE	1987	4,320	2.49	10,700	TON	131.00		1,397,000	
	1986	4,750	2.92	13,900	TON	169.00		2,348,000	
SAFFLOWER	1987	3,840	1.15	4,410	TON	210.00		925,000	
	1986	6,400	1.43	9,130	TON	220.00		2,005,000	
SILAGE, CORN	1987	21,200	26.60	563,000	TON	15.40		8,681,000	
	1986	24,200	26.30	637,000	TON	16.50		10,541,000	
SILAGE, OTHER INCLUDING GREEN CHOP	1987	15,300	11.90	183,000	TON	18.10		3,314,000	
	1986	17,900	9.94	178,000	TON	13.20		2,348,000	
SORGHUM, GRAIN	1987	265	2.50	663	TON	84.90		56,300	
	1986	630	2.48	1,570	TON	79.70		125,000	
SUGAR BEETS	1987	36,800	27.50	1,013,000	TON	33.60		34,059,000	
	1986	28,100	24.80	696,000	TON	34.20	*	23,823,000	
SUNFLOWERS	1987	5,670	0.84	4,740	TON	376.00		1,782,000	
	1986	5,040	0.76	3,850	TON	370.00		1,423,000	
WHEAT	1987	41,000	2.77	114,000	TON	86.50		9,862,000	
	1986	45,800	2.50	115,000	TON	84.20		9,680,000	
TOTAL	1987	446,000						\$132,997,000	
	1986	463,000						* \$128,220,000	

\* Revised.

\*\* Figures include miscellaneous other beans in totals.  
Numbers may not compute exactly due to rounding.



## FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1987 & 1986

CROP	YEAR	HARVESTED ACREAGE	NON- BEARING ACREAGE	PER ACRE	PRODUCTION		PER UNIT	GROSS VALUE	
					TOTAL	UNIT		SUBTOTAL	TOTAL
ALMOND, MEATS	1987	36,200	1,960	0.82	29,700	TON	\$2,050.00		\$ 60,849,000
	1986	36,400	981	0.20	7,290	TON	3,900.00		28,426,000
ALMOND, HULLS	1987				59,200	TON	37.50		2,219,000
	1986				14,900	TON	45.10		672,000
APPLES	1987	1,400	328	13.80	19,300	TON	335.00		6,458,000
	1986	1,270	407	11.00	14,000	TON	478.00		6,688,000
APRICOTS	1987	2,940	158	6.04	17,800	TON	296.00		5,264,000
	1986	3,010	58	6.18	18,600	TON	290.00		5,391,000
CHERRIES, ALL	1987	7,170	865	5.52	39,600	TON	1,380.00		54,809,000
	1986	7,410	459	0.98	7,250	TON	1,520.00		11,022,000
CHERRIES, FRESH MARKET	1987				30,400	TON	1,670.00	\$ 50,678,000	
	1986				5,720	TON	1,780.00	10,163,000	
CHERRIES, PROCESSING	1987				9,200	TON	449.00	4,131,000	
	1986				1,530	TON	561.00	859,000	
GRAPES, ALL	1987	49,200	2,790	6.46	318,000	TON	205.00		65,129,000
	1986	51,700	1,390	7.90	409,000	TON	179.00		73,088,000
TABLE, ALL	1987	17,800		5.90	105,000	TON	156.00	16,428,000	
	1986	17,600		8.58	151,000	TON	157.00	23,670,000	
TOKAY, ALL **	1987	17,500	463	5.94	104,000	TON	157.00	16,331,000	
	1986	17,400	485	8.62	150,000	TON	157.00	23,614,000	
TOKAY FRESH	1987				3,570	TON	609.00	2,174,000	
	1986				4,780	TON	609.00	2,909,000	
TOKAY CRUSHED	1987				100,000	TON	142.00	14,157,000	
	1986				145,000	TON	143.00	20,705,000	
WINE, ALL	1987	31,400	2,300	6.78	213,000	TON	229.00	48,701,000	
	1986	34,100	820	7.60	259,000	TON	191.00	49,418,000	
WINE FRESH	1987				9,340	TON	406.00	3,792,000	
	1986				7,570	TON	446.00	3,380,000	
WINE CRUSHED	1987				204,000	TON	220.00	44,909,000	
	1986				251,000	TON	183.00	46,038,000	
PEACHES, ALL	1987	2,250	215	15.80	35,400	TON	212.00		7,500,000
	1986	2,860	95	14.40	41,100	TON	181.00		* 7,425,000
PEACHES, CLINGSTONE	1987	1,790	175	16.90	30,300	TON	185.00	5,620,000	
	1986	2,290	93	13.90	31,800	TON	168.00	5,332,000	
PEACHES, FREESTONE	1987	455	40	11.30	5,120	TON	367.00	1,880,000	
	1986	570	2	16.30	9,260	TON	226.00	2,093,000	
PEARS	1987	634	15	14.00	8,860	TON	170.00		1,502,000
	1986	731	2	12.70	9,320	TON	170.00		1,585,000
WALNUTS, ENGLISH	1987	24,314	4,478	1.69	41,100	TON	995.00	40,885,000	
	1986	25,318	2,585	0.93	23,500	TON	1,030.00	24,232,000	
MISCELLANEOUS	1987								2,453,000
	1986								3,064,000
TOTAL	1987	125,000							\$247,068,000
	1986	130,000							* 161,593,000

\*\* Data supplied by Tokay Marketing Agreement.  
\* Revised.

Numbers may not compute exactly due to rounding.

## VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1987 & 1986

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		TOTAL	UNIT	PER UNIT	GROSS VALUE	
			PER ACRE					SUB-TOTAL	TOTAL
ASPARAGUS, ALL *	1987	17,500	1.50		26,300	TON	\$ 874.00		\$ 22,975,000
	1986	17,800	1.31		23,300	TON	1,100.00		25,703,000
ASPARAGUS, FRESH	1987		1.17		20,500	TON	918.00	\$ 18,817,000	
	1986		1.07		19,000	TON	1,190.00	22,627,000	
ASPARAGUS, PROCESSING	1987		0.33		5,780	TON	719.00	4,158,000	
	1986		0.24		4,270	TON	720.00	3,076,000	
BEANS, LIMA	1987	643	1.59		1,020	TON	336.00		343,000
	1986	228	1.60		365	TON	344.00		125,000
CAULIFLOWER	1987	773	4.31		3,340	TON	392.00		1,309,000
	1986	537	5.01		2,690	TON	440.00		1,185,000
CUCUMBERS	1987	2,610	19.50		50,900	TON	140.00		7,137,000
	1986	1,540	20.00		30,800	TON	131.00		4,038,000
MELONS, ALL	1987	2,630	13.60		35,700	TON	79.90		2,853,000
	1986	1,990	16.20		32,300	TON	81.70		2,638,000
MELONS, WATERMELONS	1987	2,060	14.90		30,800	TON	77.80	2,396,000	
	1986	1,430	17.90		25,500	TON	82.60	2,105,000	
MELONS, OTHER	1987	571	8.60		4,910	TON	93.00	457,000	
	1986	560	12.10		6,790	TON	78.50	533,000	
ONIONS, DRY	1987	1,700	22.60		38,500	TON	223.00		8,593,000
	1986	1,650	20.40		33,600	TON	160.00		5,374,000
PEPPERS	1987	4,020	9.57		38,500	TON	252.00		9,718,000
	1986	3,110	13.00		40,400	TON	232.00		9,385,000
POTATOES	1987	1,620	299.00		485,000	CWT	7.49		3,634,000
	1986	1,990	295.00		588,000	CWT	9.50		5,584,000
PUMPKINS	1987	1,810	11.50		20,900	TON	97.60		2,039,000
	1986	1,090	12.70		13,900	TON	146.00		2,028,000
TOMATOES, ALL	1987	24,800	28.90		715,000	TON	73.70		52,658,000
	1986	24,400	26.30		641,000	TON	85.20		54,628,000
TOMATOES, SHIPPING	1987	6,170	9.54		58,800	TON	361.00	21,250,000	
	1986	5,570	13.70		76,400	TON	326.00	24,916,000	
TOMATOES, PROCESSING	1987	18,600	35.20		656,000	TON	47.90	31,408,000	
	1986	18,800	30.10		565,000	TON	52.60	29,712,000	
MISCELLANEOUS VEGETABLES	1987	1,880							2,491,000
	1986	2,920							4,505,000
TOTAL	1987	60,000							\$113,750,000
	1986	57,200						**	115,193,000

\* Data supplied by California Asparagus Growers Association. Figures for 1986 revised

\*\* Revised

Numbers may not compute exactly due to rounding.



## SEED CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1987 & 1986

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION		TOTAL	UNIT	PER UNIT	GROSS VALUE	
			PER ACRE						TOTAL
BEANS, CERTIFIED SEED *									
DARK RED KIDNEY	1987	1,270	18.8		23,900	CWT	\$ 40.00	\$	956,000
	1986	1,240	20.7		25,600	CWT	37.50		959,000
LIGHT RED KIDNEY	1987	3,040	20.6		62,500	CWT	32.60		2,040,000
	1986	2,270	20.5		46,600	CWT	37.20		1,732,000
POTATOES, SEED	1987	640	250.0		160,000	CWT	8.00		1,280,000
	1986	400	290.0		116,000	CWT	9.80		1,137,000
VEGETABLE SEED	1987	538	284.0		153,000	LBS	7.80		1,194,000
	1986	488	397.0		194,000	LBS	7.17		1,391,000
GRAIN SEED	1987	2,140	3,340.0		7,150,000	LBS	0.12		834,000
	1986	1,990	4,440.0		8,843,000	LBS	0.09		765,000
TOTAL	1987	7,630							\$ 6,304,000
	1986	6,850							6,277,000

Clover and 'Other Beans' are included in 1986 figures.

## NURSERY PRODUCTS: SALES AND GROSS VALUE, 1987 & 1986

ITEM	YEAR	QUANTITY SOLD BY PRODUCERS	UNIT	PER UNIT	GROSS VALUE	
						TOTAL
GRAPE VINES, FRUIT & NUT TREES	1987	588,000	PLANT	\$ 1.63		\$ 957,000
	1986	536,000	PLANT	1.52		817,000
VEGETABLE PLANTS	1987	86,712,000	PLANT			2,223,000
	1986	73,973,000	PLANT			1,518,000
FLOWERING POTTED PLANTS	1987	2,038,000	EACH	1.77		3,608,000
	1986	1,839,000	EACH	2.21		4,059,000
FOLIAGE PLANTS	1987	3,817,000	EACH	2.09		7,973,000
	1986	3,409,000	EACH	2.01		6,840,000
BEDDING PLANTS	1987	3,243,000	PKG.	0.85		2,767,000
	1986	671,000	PKG.	0.76		507,000
WOODY ORNAMENTALS	1987	947,000	EACH			1,549,000
	1986	102,000	EACH			1,265,000
BULBS, RHIZOMES, TURF, CACTUS ETC	1987					4,727,000
	1986					3,941,000
TOTAL	1987					\$ 23,804,000
	1986					18,947,000

\* 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, 1987 & 1986

ITEM	YEAR	NO. HEAD	LIVWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES *	1987	160,000	630,000	CWT	\$ 58.20	\$ 36,636,000
	1986	161,000	682,000	CWT	48.20	32,866,000
SHEEP & LAMBS	1987	33,000	32,600	CWT	68.80	2,242,000
	1986	27,700	27,400	CWT	63.00	1,727,000
HOGS & PIGS	1987	13,600	14,500	CWT	73.50	1,066,000
	1986	14,300	15,200	CWT	70.20	1,068,000
BROILERS & FRYERS	1987	930,000	4,185,000	LBS	0.54	2,260,000
	1986	1,010,000	4,545,000	LBS	0.49	2,227,000
OTHER CHICKENS & PULLETS	1987	4,921,000		EACH	0.20	966,000
	1986	5,220,000		EACH	0.29	1,514,000
TURKEYS	1987	250,000	3,805,000	LBS	0.49	1,865,000
	1986	241,000	3,805,000	LBS	0.56	2,139,000
TOTAL	1987					\$45,035,000
	1986					41,541,000

\* Includes animals sold under the Dairy Herd Buyout Program.

## LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND GROSS VALUE 1987 & 1986

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL**	1987	11,935,000	CWT	\$ 11.40		\$135,846,000
	1986	11,731,000	CWT	11.70		* 137,129,000
MILK, MARKET	1987	11,580,000	CWT	11.40	\$132,126,000	
	1986	11,353,000	CWT	11.70	133,052,000 *	
MILK, MANUFACTURING	1987	355,000	CWT	10.50	3,720,000	
	1986	378,000	CWT	10.80	4,077,000 *	
WOOL	1987	337,000	LBS	0.89		300,000
	1986	283,000	LBS	0.67		188,000
EGGS, CHICKEN	1987	91,562,000	DOZ	0.42		38,220,000
	1986	90,219,000	DOZ	0.50		45,399,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1987					933,000
	1986					724,000
TOTAL	1987					\$175,299,000
	1986					* 183,440,000

\* Revised.

\*\* Data supplied by California Crop & Livestock Reporting Service.

## APIARY PRODUCTS: PRODUCTION AND GROSS VALUE, 1987 & 1986

CROP	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
HONEY	1987	250,000	LBS	\$ 0.50	\$ 125,000
	1986	245,000	LBS	0.42	103,000
POLLINATION	1987	79,300	HIVE	21.50	1,701,000
	1986	76,300	HIVE	21.80	1,667,000
OTHER APIARY PRODUCTS QUEENS, PACKAGES ETC.	1987				11,500
	1986				10,900
TOTAL	1987				\$1,838,000
	1986				1,781,000

Numbers may not compute exactly due to rounding.



## SUMMARY

ITEM	1987	1986
FIELD CROPS	\$ 132,997,000	\$ 128,220,000 *
FRUIT & NUT CROPS	247,068,000	161,593,000 *
VEGETABLE CROPS	113,750,000	115,193,000 *
SEED CROPS	6,304,000	6,277,000
NURSERY PRODUCTS	23,804,000	18,947,000
LIVESTOCK & POULTRY	45,035,000	41,541,000
LIVESTOCK & POULTRY PRODUCTS	175,299,000	183,440,000 *
APIARY PRODUCTS	1,838,000	1,781,000
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TOTALS	\$ 746,095,000	\$ 656,992,000 *

\* Revised.

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

CROP	1987 Value	1986 Rank	1985 Rank	1984 Rank	1983 Rank	1982 Rank
1. MILK	\$ 135,846,000	1	1	1	1	1
2. GRAPES	65,129,000	2	2	2	2	2
3. ALMONDS (MEATS)	60,849,000	8	6	5	12	9
4. CHERRIES	54,809,000	13	7	7	11	11
5. TOMATOES	52,658,000	3	3	3	3	3
6. WALNUTS	40,885,000	9	11	12	10	6
7. EGGS	38,220,000	4	4	4	4	5
8. CATTLE & CALVES	36,636,000	5	9	10	6	4
9. SUGAR BEETS	34,059,000	10	12	9	7	12
10. HAY	31,550,000	6	5	8	5	8
	-----					
	\$ 550,641,000					



The values shown in this report 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. 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.



DEPARTMENT OF AGRICULTURE  
San Joaquin County  
P. O. Box 1809  
Stockton, CA 95201