



San Joaquin County
AGRICULTURAL
REPORT
1989

SAN JOAQUIN COUNTY

Department of Agriculture

1989 Annual Crop Report

E. B. Eby
Agricultural Commissioner

Compiled by
Tom Reed
Agricultural Inspector I

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

MARY R. JENSEN
ASST. AGRICULTURAL COMMISSIONER
ASST. SEALER OF WEIGHTS & MEASURES

SAN JOAQUIN COUNTY
OFFICE OF THE
AGRICULTURAL COMMISSIONER

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210 N. SACRAMENTO ST.

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503 E. 10TH STREET

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1540 ROOSEVELT ST.

TO HENRY VOSS, 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 Agriculture code, I am pleased to present the fifty-sixth *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 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.

The gross value for agricultural production for 1989 in San Joaquin County is estimated to be \$871,380,000. This is an increase of \$15,617,000 from the revised estimate for 1988 of \$855,763,000. The individual commodity showing the most significant increase was wheat. A rise in the price per ton of 19% coupled with an additional 20,700 acres in wheat production reflect the 66% increase in the value of the 1989 wheat crop.

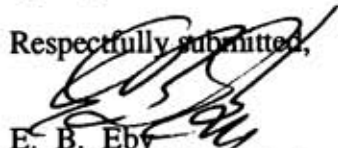
The majority of other field crops showed an increase in value again in 1989. Those with significant gains were oats, corn and hay. Peppers and tomatoes lead the vegetable crops with a rise of 33% and 19%, respectively, in total dollar return. Nursery products showed a marked increase of 20% over 1988 with bedding and flowering plants accounting for the greatest increase.

Crops declining in value from 1988 were sunflowers, grapes, asparagus and almonds. Sunflower acreage decreased by 88% in 1989. Reduced yields and lower prices accounted for the asparagus value decline. Untimely rains at both ends of the growing season had the greatest effect on almond and tokay grape yields. Although wine grapes gained in production, a decrease in price contributed to the total decline in the gross value of grapes.

Despite challenges of increased regulation and a third year of below normal rainfall, the expanding export climate offers optimism for the future of agricultural growth for San Joaquin County.

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
David Frieders
Vicki Helmar
Scott Hudson
Douglas Mattes
Thomas Watkins
Arthur Moretto
Jim Allan
Barbara Huecksteadt
Tom Reed
Sue Williamson
May Saiki
Louise Pulliam
Cindy Giovannoni
Judy Gaut
Marie Westerman
Merle Worthen
David Kehler
John Loney
Clint McCarthy
Don Fehling
Jerry Tarwater

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

Northern Division

William Gritz
Michael Croce
Randall Willson
Leonard Groner
Jo Aring-Tengonciang

Deputy Agricultural Commissioner
Senior Agricultural Inspector
Senior Agricultural Inspector
Agricultural Inspector I
Clerk Typist II

Southern Division

Norman Daveluy
Daniel Giesing
Gary Stockel
Fred Minazzoli
Scott Barnes
Merion Duren
Donna Dugo
Rita Mejia
Laura Rocha

Deputy Agricultural Commissioner
Senior Agricultural Inspector, Manteca
Senior Agricultural Inspector, Manteca
Senior Agricultural Inspector, Escalon
Agricultural Inspector I, Tracy
Senior Agricultural Inspector, Tracy
Clerk Typist II, Escalon
Clerk Typist II, Manteca
Clerk Typist II, Tracy

FIELD CROPS

CROP	YEAR	PRODUCTION			UNIT	PER UNIT	GROSS VALUE	
		HARVESTED	PER ACREAGE	TOTAL			SUBTOTAL	TOTAL
BARLEY	1989	3,790	1.99	7,530	TON	\$106.00		\$801,000
	1988	5,320	2.28	12,100	TON	\$101.00		\$1,225,000
BEANS, DRY, ALL ¹	1989	26,600	1.04	27,700	TON	\$739.00		\$20,466,000
	1988	24,300	1.07	26,100	TON	\$729.00		\$19,013,000
BEANS, BLACKEYE	1989	793	1.02	807	TON	\$458.00	\$370,000	
	1988	2,770	0.96	2,650	TON	\$662.00	\$1,753,000	
BEANS, KIDNEY	1989	16,600	0.99	16,400	TON	\$791.00	\$12,981,000	
	1988	14,300	1.07	15,400	TON	\$713.00	\$10,986,000	
BEANS, LIMA (FIELD)	1989	9,230	1.13	10,500	TON	\$678.00	\$7,115,000	
	1988	7,210	1.12	8,040	TON	\$780.00	\$6,274,000	
CORN	1989	54,800	4.64	254,000	TON	\$107.00		\$27,211,000
	1988	44,600	4.47	199,000	TON	\$116.00		\$23,150,000
HAY, ALL	1989	72,100	6.64	478,000	TON	\$98.10		\$46,920,000
	1988	74,000	6.79	502,000	TON	\$86.70		\$43,516,000
HAY, ALFALFA	1989	64,800	6.90	447,000	TON	\$99.80	\$44,593,000	
	1988	65,400	7.14	467,000	TON	\$88.90	\$41,505,000	
HAY, OTHER	1989	7,300	4.30	31,400	TON	\$74.10	\$2,327,000	
	1988	8,560	4.09	35,000	TON	\$57.50	\$2,011,000	
OATS	1989	5,490	2.50	13,700	TON	\$85.70		\$1,174,000
	1988	3,530	2.41	8,490	TON	\$86.60		\$735,000
PASTURE & RANGE	1989	166,000			ACRE	\$34.20		\$5,684,000
	1988	170,000			ACRE	\$39.90		\$6,790,000
PASTURE, IRRIGATED	1989	16,000			ACRE	\$139.00	\$2,225,000	
	1988	31,200			ACRE	\$140.00	\$4,367,000	
PASTURE, OTHER	1989	150,000			ACRE	\$23.10	\$3,459,000	
	1988	139,000			ACRE	\$17.40	\$2,423,000	
RICE	1989	4,590	3.44	15,800	TON	\$140.00		\$2,212,000
	1988	4,460	3.54	15,800	TON	\$136.00		\$2,146,000
SAFFLOWER	1989	9,410	1.65	15,500	TON	\$297.00		\$4,597,000
	1988	10,200	1.32	13,400	TON	\$269.00		\$3,609,000
SILAGE, CORN	1989	22,200	24.5	543,000	TON	\$19.00		\$10,329,000
	1988	22,200	22.9	509,000	TON	\$20.20		\$10,286,000
SILAGE, OTHER INCLUDING GREEN CHOP	1989	16,800	11.9	200,000	TON	\$14.20		\$2,848,000
	1988	14,700	13.1	192,000	TON	\$14.00		\$2,697,000
SORGHUM, GRAIN	1989	500	3.00	1,500	TON	\$90.00		\$135,000
	1988	338	2.50	845	TON	\$85.00		\$71,800
SUGAR BEETS	1989	30,500	27.5	840,000	TON	\$40.70		\$34,149,000
	1988	32,400	26.9	871,000	TON	\$37.90 ²		\$33,027,000 ²
SUNFLOWERS	1989	368	0.59	218	TON	\$420.00		\$91,500
	1988	3,030	0.91	2,760	TON	\$409.00		\$1,128,000
WHEAT	1989	63,500	2.75	175,000	TON	\$129.00		\$22,599,000
	1988	42,800	2.95	126,000	TON	\$108.00		\$13,633,000
TOTAL	1989	477,000						\$179,217,000
	1988	452,000						\$161,027,000 ²

¹ FIGURES MAY INCLUDE OTHER BEANS IN TOTALS

² REVISED FIGURES

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

FRUIT AND NUT CROPS

CROP	YEAR	NON-HARVESTED BEARING PER			TOTAL	UNIT	PER UNIT	GROSS VALUE	
		ACREAGE	ACREAGE	ACRE				SUBTOTAL	TOTAL
ALMOND, MEATS	1989	37,400	1,200	0.56	21,000	TON	\$2,200.00		\$46,111,000
	1988	36,800	1,790	0.70	25,800	TON	\$2,080.00		\$53,645,000
ALMOND, HULLS	1989				42,000	TON	\$69.00		\$2,898,000
	1988				51,900	TON	\$61.50		\$3,192,000
APPLES	1989	1,770	660	11.6	20,500	TON	\$363.00		\$7,435,000
	1988	1,670	540	10.9	18,100	TON	\$423.00		\$7,665,000
APRICOTS	1989	2,580	152	7.28	18,800	TON	\$256.00		\$4,811,000
	1988	2,840	104	5.90	16,700	TON	\$257.00		\$4,287,000
CHERRIES, ALL ₁	1989	7,130	912	2.83	20,200	TON	\$1,760.00		\$35,552,000
	1988	7,100	919	3.14	22,300	TON	\$1,520.00		\$33,854,000
CHERRIES, FRESH MARKET	1989				15,800	TON	\$2,120.00	\$33,420,000	
	1988				16,800	TON	\$1,890.00	\$31,678,000	
CHERRIES, PROCESSING	1989				4,350	TON	\$490.00	\$2,132,000	
	1988				5,520	TON	\$394.00	\$2,176,000	
GRAPES, ALL	1989	46,900	4,150	8.30	389,000	TON	\$306.00		\$118,831,000
	1988	48,500	2,270	9.43	457,000	TON	\$332.00		\$151,751,000
TABLE, ALL	1989	15,800		6.84	108,000	TON	\$136.00	\$14,662,000	
	1988	17,400		10.50	183,000	TON	\$151.00	\$27,657,000	
TOKAY, ALL ₂	1989	15,600	186	6.86	107,000	TON	\$136.00	\$14,554,000	
	1988	17,200	249	10.60	182,000	TON	\$152.00	\$27,593,000	
TOKAY FRESH ₂	1989				1,260	TON	\$614.00	\$774,000	
	1988				2,320	TON	\$623.00	\$1,446,000	
TOKAY CRUSHED ₂	1989				106,000	TON	\$130.00	\$13,780,000	
	1988				180,000	TON	\$145.00	\$26,147,000	
WINE, ALL	1989	31,100	3,950	9.04	281,000	TON	\$371.00	\$104,169,000	
	1988	31,100	2,000	8.81	274,000	TON	\$453.00	\$124,094,000	
WINE FRESH	1989				7,850	TON	\$405.00	\$3,179,000	
	1988				9,400	TON	\$416.00	\$3,914,000	
WINE CRUSHED	1989				273,000	TON	\$370.00	\$100,990,000	
	1988				265,000	TON	\$454.00	\$120,180,000	
PEACHES, ALL	1989	2,030	139	16.7	33,900	TON	\$222.00		\$7,517,000
	1988	2,190	252	16.8	36,800	TON	\$205.00		\$7,557,000
PEACHES, CLINGSTONE	1989	1,740	107	17.0	29,500	TON	\$223.00	\$6,566,000	
	1988	1,780	207	17.5	31,100	TON	\$196.00	\$6,101,000	
PEACHES, FREESTONE	1989	290	32	15.2	4,400	TON	\$216.00	\$951,000	
	1988	411	45	13.8	5,680	TON	\$256.00	\$1,456,000	
PEARS	1989	622	0	12.9	8,050	TON	\$229.00		\$1,843,000
	1988	632	32	16.0	10,100	TON	\$195.00		\$1,972,000
WALNUTS, ENGLISH	1989	27,100	3,600	1.48	40,100	TON	\$1,020.00		\$40,956,000
	1988	25,800	4,090	1.37	35,300	TON	\$985.00		\$34,767,000
MISCELLANEOUS	1989								\$2,095,000
	1988								\$2,704,000
TOTAL	1989	126,000							\$268,049,000
	1988	126,000							\$301,394,000

1. 1988 FIGURE REVISED

2. DATA SUPPLIED BY TOKAY MARKETING AGREEMENT
NUMBERS MAY NOT COMPUT EXACTLY DUE TO ROUNDING

VEGETABLE CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	PER UNIT	GROSS VALUE	
		HARVESTED ACREAGE	PER ACRE				SUBTOTAL	TOTAL
ASPARAGUS, ALL ₁	1989	18,100	1.54	27,900	TON	\$1,100.00		\$30,623,000
	1988	16,800	1.73	29,100	TON	\$1,260.00		\$36,521,000
ASPARAGUS, FRESH ₁	1989		1.50	27,200	TON	\$1,110.00	\$30,124,000	
	1988		1.62	27,200	TON	\$1,290.00	\$35,190,000	
ASPARAGUS, PROCESSING ₁	1989		0.04	675	TON	\$740.00	\$499,000	
	1988		0.11	1,850	TON	\$719.00	\$1,331,000	
CAULIFLOWER	1989	1,210	4.69	5,670	TON	\$426.00		\$2,417,000
	1988	991	4.99	4,940	TON	\$412.00		\$2,038,000
CUCUMBERS	1989	1,960	17.1	33,400	TON	\$166.00		\$5,542,000
	1988	2,500	16.7	41,700	TON	\$148.00		\$6,161,000
MELONS, ALL	1989	2,120	16.9	35,900	TON	\$100.00		\$3,597,000
	1988	2,020	17.3	34,900	TON	\$89.60		\$3,129,000
MELONS, WATERMELONS	1989	1,540	18.6	28,700	TON	\$101.00	\$2,887,000	
	1988	1,610	18.4	29,600	TON	\$90.10	\$2,666,000	
MELONS, OTHER	1989	579	12.3	7,150	TON	\$99.30	\$710,000	
	1988	409	13.0	5,330	TON	\$86.90	\$463,000	
ONIONS, DRY	1989	1,680	19.4	32,600	TON	\$127.00		\$4,133,000
	1988	1,760	17.7	31,200	TON	\$136.00		\$4,258,000
PEPPERS	1989	3,060	9.72	29,708	TON	\$339.00		\$10,055,000
	1988	3,760	8.26	31,100	TON	\$243.00		\$7,559,000
POTATOES	1989	1,660	334	555,000	CWT	\$16.80		\$9,298,000
	1988	1,990	334	665,000	CWT	\$11.00		\$7,318,000
PUMPKINS	1989	2,130	11.4	24,300	TON	\$97.70		\$2,374,000
	1988	1,930	16.0	30,800	TON	\$100.00		\$3,079,000
TOMATOES, ALL	1989	31,800	25.4	808,000	TON	\$91.30		\$73,784,000
	1988	28,300	23.0 ₂	650,800 ₂	TON	\$99.10 ₂		\$64,449,000 ₂
TOMATOES, SHIPPING	1989	7,280	11.5	83,400	TON	\$387.00	\$32,300,000	
	1988	7,800	10.9	85,300	TON	\$413.00	\$35,244,000	
TOMATOES, PROCESSING	1989	24,500	29.6	725,000	TON	\$57.20	\$41,484,000	
	1988	20,500 ₂	27.6	565,000	TON	\$51.70	\$29,205,000 ₂	
MISCELLANEOUS VEGETABLES	1989	4,240						\$3,592,000
	1988	2,580						\$3,302,000
TOTAL	1989	68,000						\$145,415,000
	1988	62,600						\$137,814,000 ₂

₁ DATA SUPPLIED BY THE CALIFORNIA ASPARAGUS GROWERS ASSOCIATION

₂ REVISED FIGURES

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

SEED CROPS

CROP	YEAR	PRODUCTION		TOTAL	UNIT	PER UNIT	GROSS VALUE
		HARVESTED ACREAGE	PER ACRE				TOTAL
BEANS, CERTIFIED SEED	1989	1,470	18.0	26,500	CWT	44.90	\$1,191,000
DARK RED KIDNEY	1988	1,260	17.6	22,100	CWT	40.10	\$886,000
LIGHT RED KIDNEY	1989	1,800	19.7	35,500	CWT	43.00	\$1,526,000
	1988	2,550	20.2	51,500	CWT	45.70	\$2,354,000
POTATOES, SEED	1989	350	225	78,800	CWT	10.75	\$847,000
	1988	320	225	72,000	CWT	10.50	\$756,000
VEGETABLE SEED	1989	394	1,350	532,000	LBS	1.12	\$595,000
	1988	611	551	337,000	LBS	3.97	\$1,340,000
MISCELLANEOUS SEED CLOVER, SUDAN & ETC.	1989	562	2,680	1,019,000	LBS	0.26	\$264,000
GRAIN SEED	1989	1,590	5,190	8,254,000	LBS	0.07	\$605,000
	1988	2,260	3,780	8,545,000	LBS	0.10	\$814,000
TOTAL	1989	6,170					\$5,028,000
	1988	7,000					\$6,150,000

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD BY PRODUCERS	UNIT	GROSS VALUE
				TOTAL
GRAPE VINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	1989	27,328,000 ¹	PLANT	\$2,291,000
	1988	1,417,000	PLANT	\$1,183,000
VEGETABLE PLANTS	1989	108,274,000	PLANT	\$2,328,000
	1988	101,751,000	PLANT	\$2,361,000
FLOWERING POTTED PLANTS	1989	2,847,000	EACH	\$7,469,000
	1988	2,497,000	EACH	\$5,936,000
FOLIAGE PLANTS	1989	4,149,000	EACH	\$7,845,000
	1988	4,502,000	EACH	\$8,239,000
BEDDING PLANTS	1989	4,239,000	PKG	\$5,308,000
	1988	1,346,000	PKG	\$3,651,000
WOODY ORNAMENTALS	1989	722,000	EACH	\$2,408,000
	1988	358,000	EACH	\$1,646,000
CHRISTMAS TREES	1989	8,530	EACH	\$164,000
	1988	5,480 ²	EACH	\$105,000 ²
BULBS, RHIZOMES, TURF, CACTUS, ETC.	1989			\$6,692,000
	1988			\$5,635,000
TOTAL	1989			\$34,505,000
	1988			\$28,756,000 ²

1. 1989 FIRST YEAR FOR STRAWBERRY PLANTS

2. REVISED FIGURE

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL	1989	12,090,000	CWT	12.30		\$148,953,000
	1988	12,533,000	CWT	10.90		\$136,047,000
MILK, MARKET	1989	11,762,000	CWT	12.30	\$145,145,000	
	1988	12,214,000	CWT	10.90	\$132,890,000	
MILK, MANUFACTURING	1989	328,000	CWT	11.60	\$3,808,000	
	1988	319,000	CWT	9.90	\$3,157,000	
WOOL	1989	267,000	LBS	1.48		\$395,000
	1988	391,000	LBS	1.32		\$516,000
EGGS, CHICKEN	1989	63,265,000	DOZ	0.61		\$38,679,000
	1988	86,370,000	DOZ	0.44		\$38,003,000
MANURE	1989	192,000	TON	3.18		\$610,000
	1988	241,000	TON	3.11		\$750,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1989					\$458,000
	1988					\$1,493,000
TOTAL	1989					\$189,095,000
	1988					\$176,809,000

1 REVISED FIGURES

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

LIVESTOCK AND POULTRY

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1989	159,000	590,000	CWT	67.50	\$39,825,000
	1988	141,000	557,000	CWT	62.90	\$35,025,000
SHEEP & LAMBS	1989	37,900	37,400	CWT	59.30	\$2,218,000
	1988	38,300	37,800	CWT	60.10	\$2,273,000
HOGS & PIGS	1989	6,930	7,360	CWT	60.60	\$446,000
	1988	9,850	10,500	CWT	58.90	\$618,000
BROILERS & FRYERS	1989	1,692,000	5,483,000	LBS	0.56	\$3,094,000
	1988	900,000	4,050,000	LBS	0.36	\$1,458,000
OTHER CHICKENS & PULLETS	1989	3,615,000		EACH	0.15	\$533,000
	1988	4,639,000		EACH	0.19	\$881,000
TURKEYS	1989	231,000	3,523,000	LBS	0.38	\$1,339,000
	1988	264,000	4,024,000	LBS	0.35	\$1,408,000
TOTAL	1989					\$47,455,000
	1988					\$41,663,000

APIARY PRODUCTS

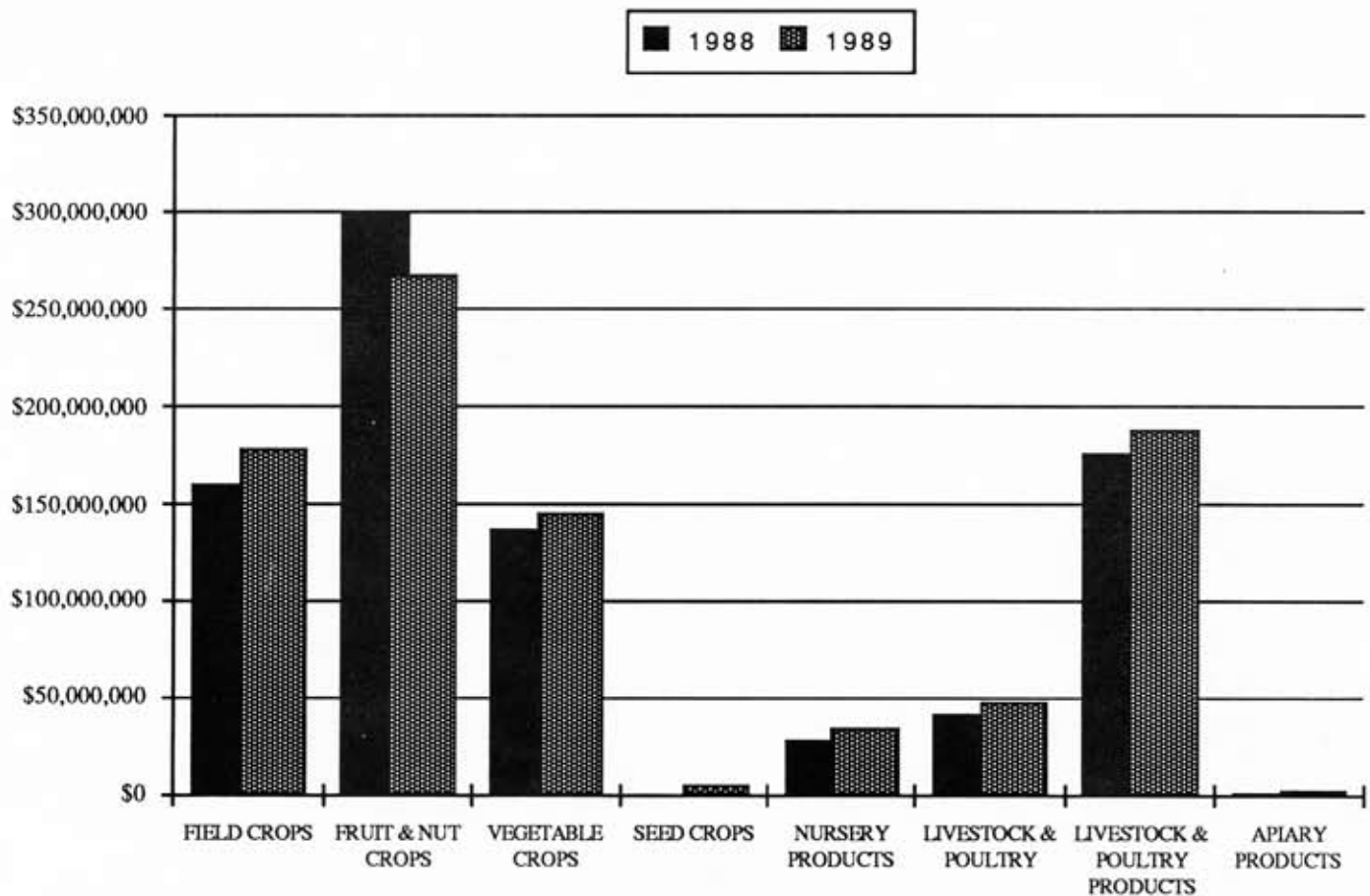
CROP	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
HONEY	1989	338,000	LBS	0.55	\$186,000
	1988	262,000	LBS	0.62	\$163,000
POLLINATION	1989	91,800	HIVE	26.50	\$2,430,000
	1988	79,800	HIVE	24.80	\$1,976,000
TOTAL	1989				\$2,616,000
	1988				\$2,150,000

2. TOTAL INCLUDES OTHER APIARY PRODUCTS

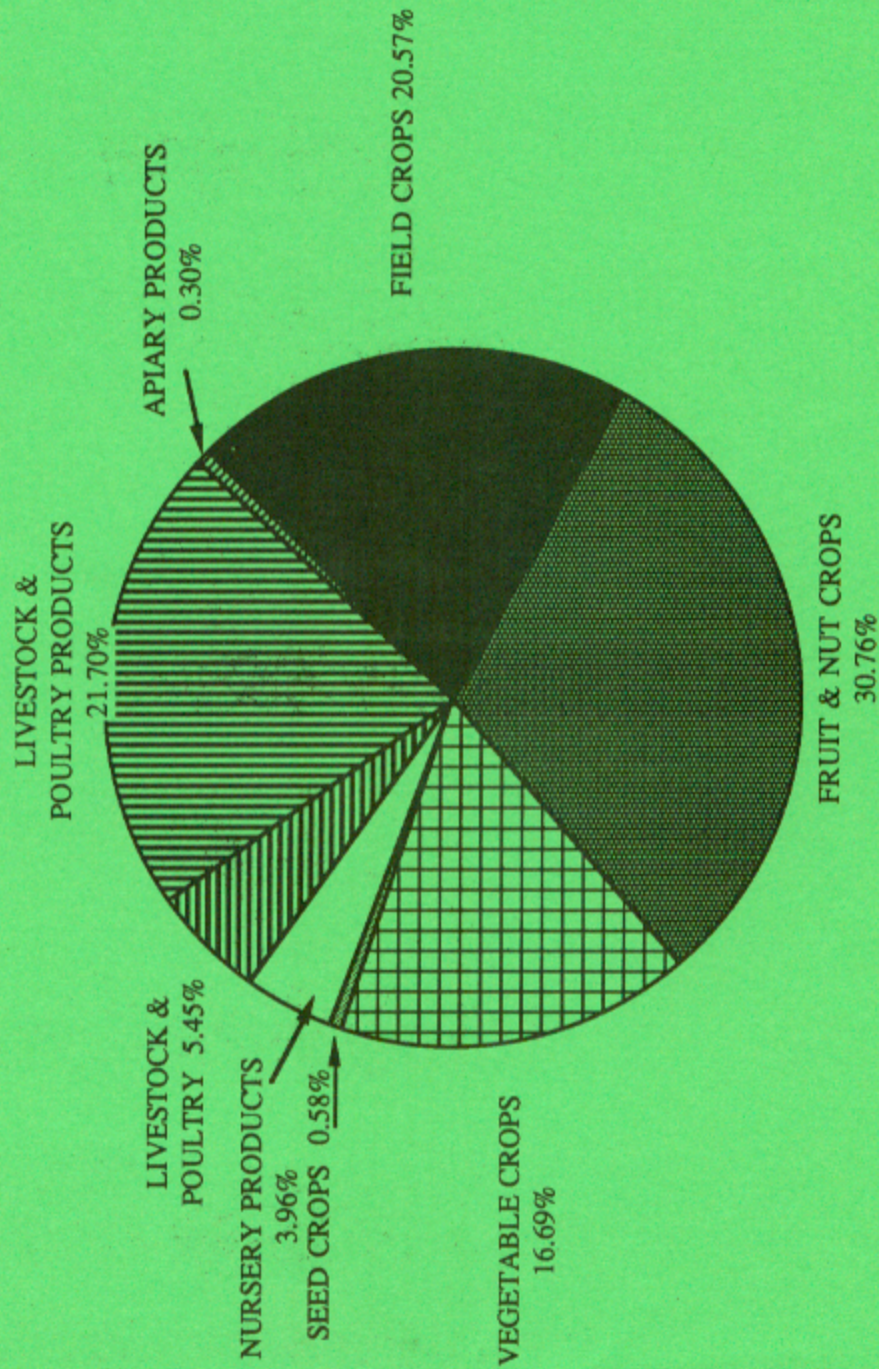
SAN JOAQUIN COUNTY'S TEN LEADING CROPS FOR THE LAST FIVE YEARS

CROP	1989 VALUE (\$)	1988 RANK	1987 RANK	1986 RANK	1985 RANK	1984 RANK
1. MILK, ALL	148,953,000	2	1	1	1	1
2. GRAPES, ALL	118,831,000	1	2	2	2	2
3. TOMATOES, ALL	73,784,000	3	5	3	3	3
4. HAY, ALL	46,920,000	6	10	6	5	8
5. ALMOND MEATS	46,111,000	4	3	8	6	5
6. WALNUTS, ENGLISH	40,956,000	9	6	9	11	12
7. CATTLE & CALVES	39,825,000	8	8	5	9	10
8. EGGS, CHICKEN	38,679,000	7	4	4	4	4
9. CHERRIES, ALL	35,552,000	10	4	13	7	7
10. SUGAR BEETS	34,149,000	11	9	10	12	9
	<u>623,760,000</u>					

SUMMARY OF 1988/1989 CROP CATEGORY GROSS VALUES



PERCENT GROSS VALUE OF 1989 CROP CATEGORIES



DEPARTMENT OF AGRICULTURE
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