

**SAN  
JOAQUIN  
COUNTY**

***Agricultural  
Report***



**1995**

# **SAN JOAQUIN COUNTY'S TOMATO CROP**

Tomatoes are thought to have their origins in Peru. From Peru, tomato culture expanded overseas to Europe before coming to North America. Tomatoes were first grown in Mexico and then made their way into California. Up to the early 1800s tomatoes were rare in the marketplace, mostly because of their perishability during shipping. It was not until the 1870s when the popularity of tomatoes increased that researchers began to develop better varieties for shipping. By the 1940s tomatoes had become a major agricultural commodity in California. Since the 1950s tomatoes have consistently been one of the top ten crops in San Joaquin County (generally holding the third or fourth position).

One of the main factors affecting agriculture in California during 1995 was the extreme wet winter and spring weather. San Joaquin County's 1995 tomato crop did not escape the affects of California's harsh winter. As a result of one of the worst winters in decades, ground preparation was made extremely difficult. After planting growers were hit again with more storms in late spring.

However, once the crop was in the field, many growers benefited from good water allocations. The summer months provided growers with typical prime tomato growing weather. Unfortunately, because of delays in spring planting due to the weather, the tomato harvest was two weeks behind schedule. The dry fall weather provided relief to most tomato growers. A prolonged period of rainless days allowed growers to complete harvest before rain started in early December. However, the fresh market tomato crop was not so fortunate. These tomatoes suffered significant sunburn damage from a period of 100°F plus weather that occurred during early fall.

In 1995, San Joaquin county growers harvested 23,500 acres of processing tomatoes. Statewide, there were 317,000 acres of processing tomatoes harvested. During the same year the County harvested 9,000 acres of fresh market tomatoes. As a result of a late harvest, competition from other counties and states was stiff in the fresh tomato market. Fresh tomato exports to Mexico also decreased in 1995 due to the economic problems that country was experiencing.

Even though the 1995 tomato crop often experienced adverse weather and market conditions, its value to San Joaquin County's agricultural economy continued to remain at its usual high level. As in the past, tomatoes are expected to remain a major agricultural crop in San Joaquin County for years to come.

## **A SPECIAL THANK YOU**

The San Joaquin County Agricultural Commissioner's Office expresses its deep appreciation to the San Joaquin Farm Bureau Federation, Petoseed Co., Inc.(cover photo), California Tomato Growers Association and the Sierra-Bay Farm Credit Association for their generous contributions to the 1995 Crop Report. Without their support the publication of this report would not have been possible.



SAN JOAQUIN COUNTY  
AGRICULTURAL COMMISSIONER'S OFFICE

# 1995 ANNUAL CROP REPORT

Scott Hudson  
Acting Agricultural Commissioner

Compiled by  
Diane C. Curry

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**The 1995 San Joaquin County Agricultural Report is dedicated to Erwin B. Eby, who served San Joaquin County as Agricultural Commissioner/Sealer for the past 22 years. Erwin, a Stockton native, began his career with San Joaquin County in 1960 and was appointed Agricultural Commissioner in 1974. He added Sealer of Weights and Measures to his responsibilities when the Agricultural Commissioner's Office combined with the Division of Weights and Measures in 1982. Erwin also directed the County's Animal Control Division. After a total of 36 years of service to San Joaquin County, Erwin decided to retire in 1996. During his tenure with the Agricultural Commissioners' Office, Erwin's management, administrative, and leadership skills worked together to provide exemplary service to the citizens of San Joaquin County. The staff and management wish Erwin and his family all the best in his well deserved retirement.**

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All staff are based in Stockton unless otherwise noted



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

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TO ANN VENEMAN, SECRETARY  
CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE  
AND  
THE HONORABLE BOARD OF SUPERVISORS  
SAN JOAQUIN COUNTY

Dear Secretary and Board Members:

In accordance with Section 2279 of the California Food and Agricultural Code, I am pleased to present the sixty second 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 the F.O.B. packed price at the shipping point. The figures contained in this report are gross values rather than net returns to the growers.

The gross value of agricultural production for 1995 in San Joaquin County is estimated to be **\$1,222,600,000**. This represents a 9% increase from the estimated \$1,121,395,000 for 1994, and an all time high for San Joaquin County. Increases occurred in, Fruit and Nut Crops (+23%), Vegetable Crops (+17%), Nursery (+9%), and Apiary Products (+5%). Decreases occurred in, Field Crops (-9%), Seed Crops (-33%), Livestock & Poultry (-28%), and Livestock & Poultry Products (-0.3%).

The largest increase in value was in Fruit and Nut Crops, which was up \$97,495,000 from the previous year. **Grapes were up in yield, price, and acreage in 1995. The value of Grapes increased \$73,658,000, making them San Joaquin County's number one crop.** This position was historically held by Milk. Apples increased \$25,981,000. Cherries decreased \$21,957,000, due to bad weather resulting in poor yields.

Field Crops were estimated to be down \$17,863,000 in 1995. Dry Bean acreage was up in 1995 and their value increased \$4,381,000. Silage Corn was up \$8,469,000. Grain Corn and Alfalfa acreage decreased in 1995. Other significant decreases occurred in Rice and Wheat.

Livestock and Poultry products decreased \$585,000. The value of milk increased \$4,877,000. Wool was up in price in 1995, and the increase amounted to \$88,000. Decreases occurred in Chicken Egg production, lowering their value by \$5,842,000.

The value of Vegetable Crops increased \$31,340,000 in 1995. Asparagus increased in value \$15,534,000 due mainly to price and acreage increases. Tomatoes and Potatoes decreased in value a total of \$4,464,000. Increases occurred in most other vegetable crops.

Nursery Products and Apiary Products were up significantly in 1995 with a combined increase of \$5,246,000. Nursery increases occurred in the Bulb, Rhizome, Turf, Cactus, Bedding Plant, Woody Ornamental and Christmas Tree categories. However, the most significant increase occurred in the "Grapevine, Strawberry Plants, Fruit & Nut Tree" category with an increase of \$4,235,000. Apiary increases occurred in the pollination category due mainly to increases in Fruit Tree acreage where bees are used for pollinators.

Livestock and Poultry and Seed Crops were down for 1995 with a combined decrease of \$14,428,000. High feed prices and low beef prices resulted in a \$13,040,000 decrease in Cattle and Calves.

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

Respectfully submitted

Scott Hudson  
Acting Agricultural Commissioner

# FIELD CROPS

CROP	YEAR	PRODUCTION			UNIT	PER UNIT	GROSS VALUE IN DOLLARS	
		HARVESTED ACREAGE	PER ACRE	TOTAL			SUBTOTAL	TOTAL
BARLEY	1995	2,660	2.27	6,000	TON	\$116.00		\$703,000
	1994	4,120	2.06	8,500	TON	\$107.00		\$905,000
BEANS, DRY, ALL	1995	24,100	1.15	27,600	TON	\$698.00		\$19,269,000
	1994	19,200	1.20	23,000	TON	\$663.00		\$15,254,000
BLACKEYE	1995	4,190	1.15	4,800	TON	\$770.00	\$3,706,000	
	1994	3,340	1.13	3,780	TON	\$645.00	\$2,434,000	
KIDNEY	1995	11,860	1.08	12,800	TON	\$638.00	\$8,165,000	
	1994	7,300	1.08	7,900	TON	\$618.00	\$4,872,000	
LIMA (FIELD)	1995	8,080	1.24	10,000	TON	\$738.00	\$7,398,000	
	1994	7,841	1.36	10,657	TON	\$711.00	\$7,582,000	
CORN, GRAIN	1995	40,430	4.97	200,900	TON	\$121.00		\$24,217,000
	1994	67,680	5.20	352,000	TON	\$105.00		\$36,953,000
HAY, ALL	1995	76,700	5.88	451,100	TON	\$109.00		\$53,418,000
	1994	80,700	6.69	540,000	TON	\$111.00		\$59,942,000
ALFALFA	1995	59,830	7.25	397,200	TON	\$114.00	\$49,372,000	
	1994	70,300	7.25	510,000	TON	\$113.00	\$57,604,000	
OTHER	1995	16,860	3.20	53,900	TON	\$75.00	\$4,046,000	
	1994	10,400	2.92	30,400	TON	\$77.00	\$2,339,000	
OATS, GRAIN	1995	3,350	3.31	11,100	TON	\$78.00		\$860,000
	1994	1,240	3.25	4,000	TON	\$118.00		\$475,000
PASTURE & RANGE	1995	167,000			ACRE	\$30.00		\$5,708,000
	1994	167,000			ACRE	\$41.00		\$6,843,000
IRRIGATED	1995	26,400			ACRE	\$120.00	\$3,170,000	
	1994	24,000			ACRE	\$160.00	\$3,840,000	
OTHER	1995	141,000			ACRE	\$18.00	\$2,538,000	
	1994	143,000			ACRE	\$21.00	\$3,003,000	
RICE	1995	5,170	3.82	19,700	TON	\$214.00		\$4,223,000
	1994	5,190	3.98	20,700	TON	\$276.00		\$5,701,000
SAFFLOWER	1995	15,070	1.40	21,100	TON	\$300.00		\$6,327,000
	1994	17,430	1.24	21,600	TON	\$301.00		\$6,506,000
SILAGE, CORN	1995	41,350	27.73	1,146,600	TON	\$20.00		\$22,771,000
	1994	27,008	29.00	783,000	TON	\$18.30		\$14,302,000
SILAGE, OTHER INCLUDES GREEN CHOP	1995	27,100	11.61	314,700	TON	\$20.00		\$6,549,000
	1994	26,900	13.50	362,000	TON	\$16.60		\$5,992,000
SUGAR BEETS	1995	15,180	27.30	415,000	TON	\$35.00		\$14,366,000
	1994	20,000	25.00	500,000	TON	\$36.50		\$18,250,000



## FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			PER UNIT	GROSS VALUE	
			PER ACRE	TOTAL	UNIT		SUBTOTAL	TOTAL
SUNFLOWERS	1995	2,440	1.06	2,600	TON	\$400.00		\$1,032,000
	1994	2,180	1.37	2,987	TON	\$281.00		\$839,000
WHEAT	1995	41,270	2.21	91,200	TON	\$127.00		\$11,622,000
	1994	49,900	3.01	150,000	TON	\$114.00		\$17,106,000
MISCELLANEOUS	1995	390						\$264,000
	1994	90						\$116,000
TOTAL	1995	463,000						\$171,329,000
	1994	489,000						\$189,192,000

NUMBER MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

## SEED CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			PER UNIT	GROSS VALUE	
			PER ACRE	TOTAL	UNIT		TOTAL	
BEANS, CERTIFIED SEED	1995	330	19.1	6,300	CWT	\$33.80		\$213,000
DARK RED KIDNEY	1994	1,300	19.0	24,900	CWT	\$32.10		\$799,000
LIGHT RED KIDNEY	1995	1,510	24.0	35,500	CWT	\$36.00		\$1,278,000
	1994	1,900	23.0	43,900	CWT	\$37.00		\$1,625,000
BEANS, OTHER	1995	210	23.0	4,920	CWT	\$32.90		\$162,000
	1994	340	21.5	7,250	CWT	\$36.10		\$261,600
GRAIN SEED	1995	118	4,424	522,000	LBS	\$0.11		\$57,000
	1994	445	5,900	2,626,500	LBS	\$0.10		\$263,000
POTATOES, SEED	1995	187	279	52,200	CWT	\$12.00		\$627,000
	1994	510	290	148,500	CWT	\$10.50		\$1,559,000
VEGETABLE SEED	1995	570						\$1,456,000
	1994	190						\$1,216,700
MISCELLANEOUS SEED	1995	420						\$256,000
CLOVER, SUDAN & ETC.	1994	960						\$320,000
TOTAL	1995	3,350						\$4,049,000
	1994	5,670						\$6,044,000

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# FRUIT AND NUT

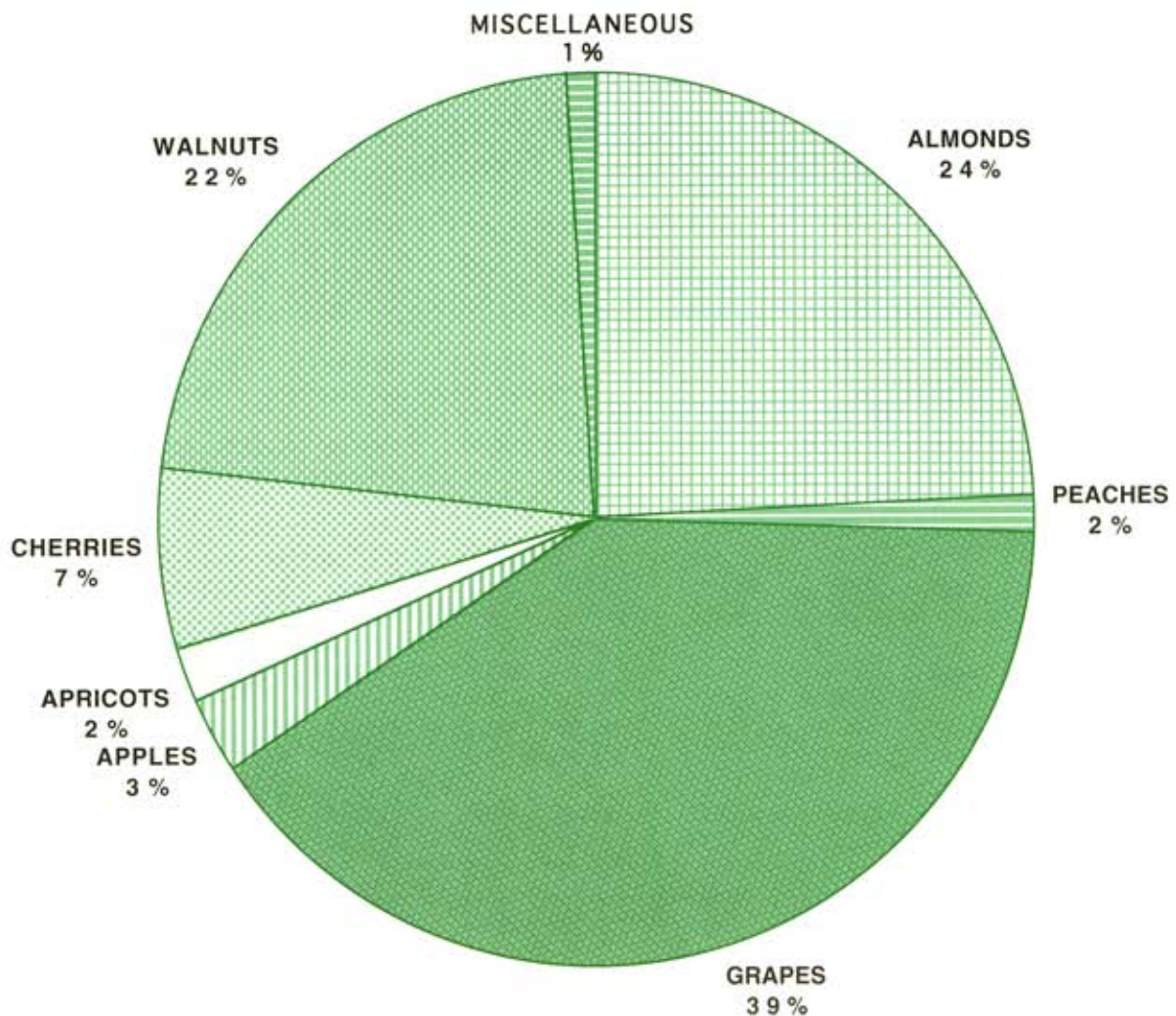
CROP	YEAR	PRODUCTION			UNIT	PER UNIT	GROSS VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL			SUBTOTAL	TOTAL
ALMOND, MEATS	1995	40,206	0.48	19,299	TON	\$4,450.00		\$85,880,000
	1994	40,400	0.80	32,300	TON	\$2,500.00		\$80,800,000
ALMOND, HULLS	1995			48,247	TON	\$75.00		\$3,619,000
	1994			73,500	TON	\$61.00		\$4,484,000
APPLES	1995	4,654	14.20	66,200	TON	\$959.00		\$63,485,000
	1994	3,368	17.40	58,600	TON	\$640.00		\$37,504,000
APRICOTS	1995	3,330	4.11	13,700	TON	\$259.00		\$3,548,000
	1994	3,380	8.40	28,500	TON	\$338.00		\$9,628,000
CHERRIES, ALL	1995	11,100	1.14	12,700	TON	\$4,330.00		\$54,958,000
	1994	9,700	4.10	39,980	TON	\$1,930.00		\$76,915,000
FRESH	1995			8,731	TON	\$6,056.00	\$52,875,000	
	1994			29,700	TON	\$2,410.00	\$71,577,000	
PROCESSING	1995			4,006	TON	\$520.00	\$2,083,000	
	1994			10,100	TON	\$592.00	\$5,979,000	
GRAPES, ALL	1995	65,600	8.09	531,000	TON	\$426.00		\$226,133,000
	1994	53,100	7.31	388,000	TON	\$393.00		\$152,475,000
TABLE, ALL	1995	5,900	8.32	49,100	TON	\$160.00	\$7,877,000	
	1994	7,000	6.97	48,800	TON	\$156.00	\$7,661,000	
FRESH	1995			170	TON	\$500.00	\$85,000	
	1994			250	TON	\$626.00	\$155,000	
CRUSHED	1995			48,900	TON	\$159.00	\$7,792,000	
	1994			48,600	TON	\$155.00	\$7,505,000	
WINE, ALL	1995	59,700	8.06	481,400	TON	\$453.38	\$218,256,000	
	1994	46,100	7.40	339,200	TON	\$426.00	\$144,814,000	
FRESH	1995			8,550	TON	\$572.00	\$4,892,000	
	1994			5,400	TON	\$417.00	\$2,252,000	
CRUSHED	1995			472,800	TON	\$451.00	\$213,364,000	
	1994			334,000	TON	\$427.00	\$142,562,000	
PEACHES, ALL	1995	2,520	17.22	43,400	TON	\$200.00		\$8,700,000
	1994	3,210	18.39	59,000	TON	\$216.00		\$12,753,000
CLINGSTONE	1995	2,153	17.30	37,200	TON	\$203.00	\$7,552,000	
	1994	2,900	18.80	54,500	TON	\$203.00	\$11,068,000	
FREESTONE	1995	365	16.90	6,170	TON	\$186.00	\$1,148,000	
	1994	306	14.51	4,440	TON	\$380.00	\$1,687,000	
PEARS	1995	630	10.00	6,300	TON	\$220.00		\$1,386,000
	1994	705	18.00	12,690	TON	\$223.00		\$2,830,000

## FRUIT AND NUT CROPS

CROP	YEAR	HARVESTED ACREAGE	PRODUCTION			PER UNIT	GROSS VALUE	
			PER ACRE	TOTAL	UNIT		SUBTOTAL	TOTAL
WALNUTS, ENGLISH	1995	36,761	1.50	55,140	TON	\$1,312.00		\$72,344,000
	1994	32,200	1.42	45,700	TON	\$1,025.00		\$46,867,00
MISCELLANEOUS	1995	849						\$5,595,000
	1994	887						\$3,895,000
TOTAL	1995	165,000						\$525,648,000
	1994	147,000						\$428,153,000

NUMBER MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

## SAN JOAQUIN COUNTY'S FRUIT AND NUT ACREAGE



\* INCLUDES PEARS



## VEGETABLE CROPS

CROP	YEAR	PRODUCTION			UNIT	PER UNIT	GROSS VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL			SUBTOTAL	TOTAL
ASPARAGUS	1995	20,844	1.18	24,596	TON	\$2,441.00		\$60,039,000
	1994	17,200	1.49	25,630	TON	\$1,760.00		\$45,105,000
BROCCOLI	1995	1,270	4.40	5,600	TON	\$438.00		\$2,441,000
	1994	680	2.45	1,700	TON	\$390.00		\$663,000
CAULIFLOWER	1995	600	5.00	3,000	TON	\$510.00		\$1,523,000
	1994	610	3.51	2,100	TON	\$510.00		\$1,092,000
CORN, SWEET	1995	2,040	7.33	14,900	TON	\$381.00		\$5,694,000
	1994	2,250	6.00	13,500	TON	\$250.00		\$3,372,000
CUCUMBERS	1995	3,400	11.76	73,800	TON	\$239.00		\$9,555,000
	1994	2,320	15.00	34,800	TON	\$170.00		\$5,916,000
MELONS, ALL	1995	2,850	15.90	45,200	TON	\$192.00		\$8,671,000
	1994	3,510	12.30	43,000	TON	\$100.00		\$4,304,000
WATERMELON	1995	2,050	18.00	37,000	TON	\$175.00	\$6,470,000	
	1994	1,900	14.50	27,600	TON	\$108.00	\$2,975,000	
OTHER	1995	800	10.20	8,200	TON	\$269.00	\$2,201,000	
	1994	1,608	9.70	15,600	TON	\$85.20	\$1,329,000	
ONIONS, DRY	1995	2,980	23.00	67,900	TON	\$220.00		\$14,930,000
	1994	3,030	17.70	53,600	TON	\$131.00		\$7,025,000
PEPPERS	1995	4,200	12.00	50,400	TON	\$252.00		\$12,708,000
	1994	3,200	12.80	41,900	TON	\$330.00		\$13,517,000
POTATOES	1995	2,480	12.48	30,900	TON	\$140.00		\$4,318,000
	1994	2,660	15.50	39,900	TON	\$155.00		\$6,185,000
PUMPKINS	1995	2,570	16.15	41,500	TON	\$134.00		\$5,570,000
	1994	2,790	12.00	33,500	TON	\$118.00		\$3,951,000
TOMATOES, ALL	1995	32,570	31.21	1,016,400	TON	\$80.00		\$84,692,000
	1994	30,200	30.00	905,000	TON	\$96.00		\$87,289,000
SHIPPING	1995	9,070	12.33	111,900	TON	\$341.00	\$38,109,000	
	1994	7,500	13.60	102,000	TON	\$474.00	\$48,348,000	
PROCESSING	1995	23,500	38.49	904,500	TON	\$52.00	\$46,583,000	
	1994	22,700	35.40	803,000	TON	\$48.50	\$38,941,000	
MISCELLANEOUS VEGETABLES	1995	3,580					\$5,329,000	
	1994	3,308					\$5,725,000	
TOTAL	1995	83,900						\$215,470,000
	1994	86,800						\$184,130,000

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## NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD BY PRODUCERS	UNIT	GROSS VALUE
				TOTAL
GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	1995	68,372,000	PLANT	\$8,703,000
	1994	79,464,000	PLANT	\$4,468,000
VEGETABLE PLANTS	1995	141,071,000	PLANT	\$4,377,000
	1994	132,908,000	PLANT	\$4,539,000
FLOWERING POTTED PLANTS	1995	3,595,000	EACH	\$9,266,000
	1994	3,560,000	EACH	\$9,809,000
FOLIAGE PLANTS	1995	3,868,000	EACH	\$7,606,000
	1994	4,890,000	EACH	\$7,923,000
BEDDING PLANTS	1995	875,000	PKG	\$5,079,000
	1994	861,000	PKG	\$4,542,000
WOODY ORNAMENTALS	1995	5,242,000	EACH	\$16,154,000
	1994	4,032,000	EACH	\$15,009,000
CHRISTMAS TREES	1995	4,470	EACH	\$90,000
	1994	2,020	EACH	\$35,000
BULBS, RHIZOMES, TURE, CACTUS, ETC.	1995			\$12,326,000
	1994			\$12,213,000
TOTAL	1995			\$63,601,000
	1994			\$58,578,000

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## APIARY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER	GROSS VALUE
				UNIT	TOTAL
HONEY	1995	632,000	LBS	\$0.52	\$329,000
	1994	620,000	LBS	\$0.54	\$335,000
POLLINATION	1995	138,600	HIVE	\$31.50	\$4,361,000
	1994	151,400	HIVE	\$27.30	\$4,132,000
TOTAL	1995				\$4,690,000
	1994				\$4,467,000

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## LIVESTOCK AND POULTRY

### GROSS VALUE

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1995	157,000	568,000	CWT	\$43.70	\$24,827,000
	1994	150,000	552,000	CWT	\$68.60	\$37,867,000
SHEEP & LAMBS	1995	25,500	25,200	CWT	\$73.80	\$1,861,000
	1994	25,500	25,200	CWT	\$58.80	\$1,482,000
HOGS & PIGS	1995	6,440	6,840	CWT	\$44.30	\$303,000
	1994	6,440	6,840	CWT	\$68.90	\$471,000
BROILERS, FRYERS, DUCKS & RABBITS	1994	997,000	4,802,000	LBS	\$0.51	\$2,434,000
	1994	760,000	3,750,000	LBS	\$0.42	\$1,575,000
SPENT HENS	1995	1,979,000		EACH	\$0.02	\$38,000
	1994	2,465,000		EACH	\$0.31	\$764,000
TURKEYS	1995	248,000	3,785,000	LBS	\$0.46	\$1,741,000
	1994	238,000	3,527,000	LBS	\$0.41	\$1,446,000
OTHER POULTRY & AQUACULTURE	1995					\$285,000
	1994					\$316,400
TOTAL	1995					\$31,489,000
	1994					\$43,922,000

NUMBER MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

## LIVESTOCK AND POULTRY PRODUCTS

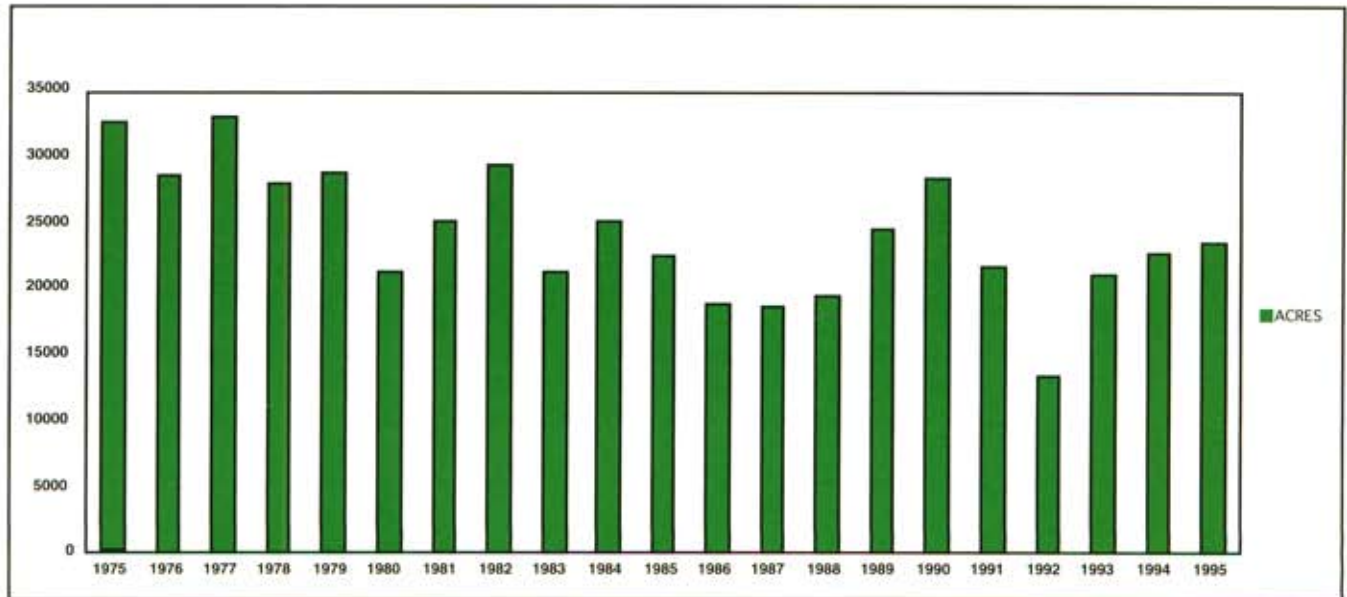
### GROSS VALUE

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL	1995	16,300,000	CWT	\$11.70		\$190,804,000
	1994	16,088,000	CWT	\$11.60		\$185,927,000
MARKET	1995	16,098,000	CWT	\$11.70	\$188,499,000	
	1994	15,879,000	CWT	\$11.60	\$183,560,000	
MANUFACTURING	1995	202,000	CWT	\$11.40	\$2,305,000	
	1994	209,000	CWT	\$11.30	\$2,362,000	
WOOL	1995	191,000	LBS	\$1.20		\$229,000
	1994	193,000	LBS	\$0.73		\$141,000
EGGS, CHICKEN	1995	25,636,000	DOZ	\$0.52		\$13,221,000
	1994	41,442,000	DOZ	\$0.46		\$19,063,000
MANURE	1995	414,000	TON	\$5.00		\$2,070,000
	1994	410,000	TON	\$5.00		\$2,050,000
TOTAL	1995					\$206,324,000
	1994					\$206,909,000

# TOMATOES 1995

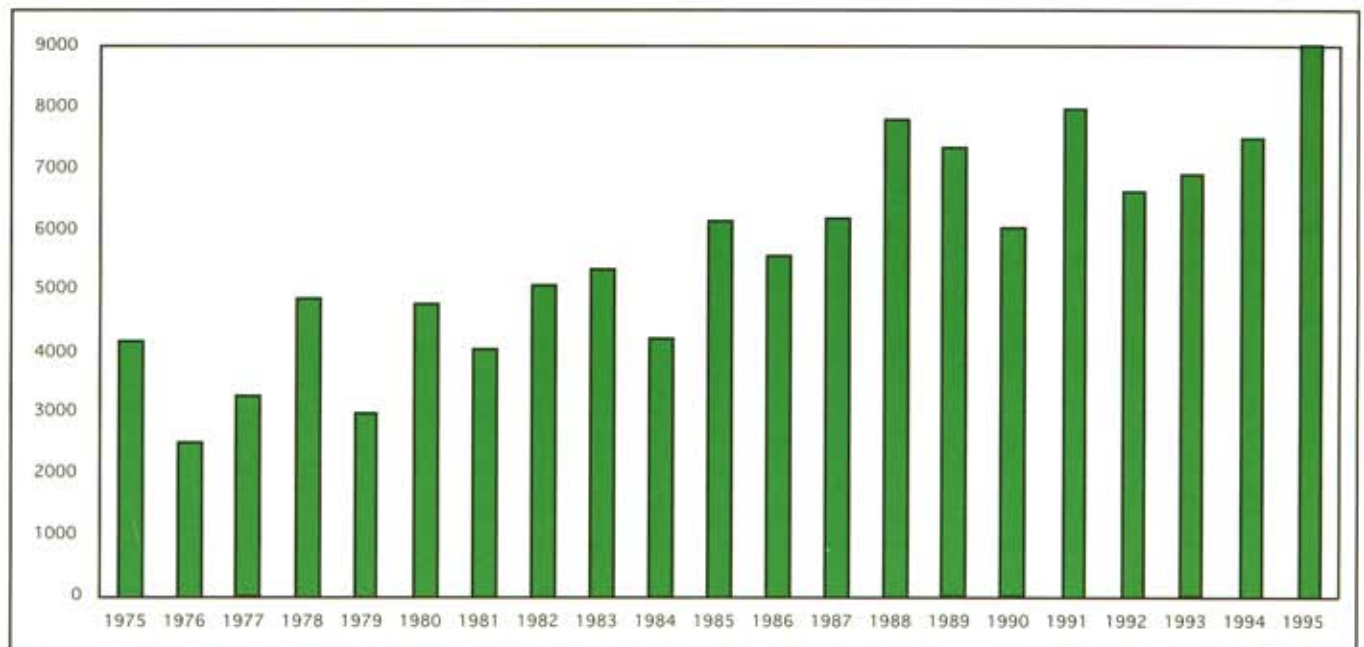
## SAN JOAQUIN COUNTY PROCESSING TOMATO ACREAGE

1975 - 1995



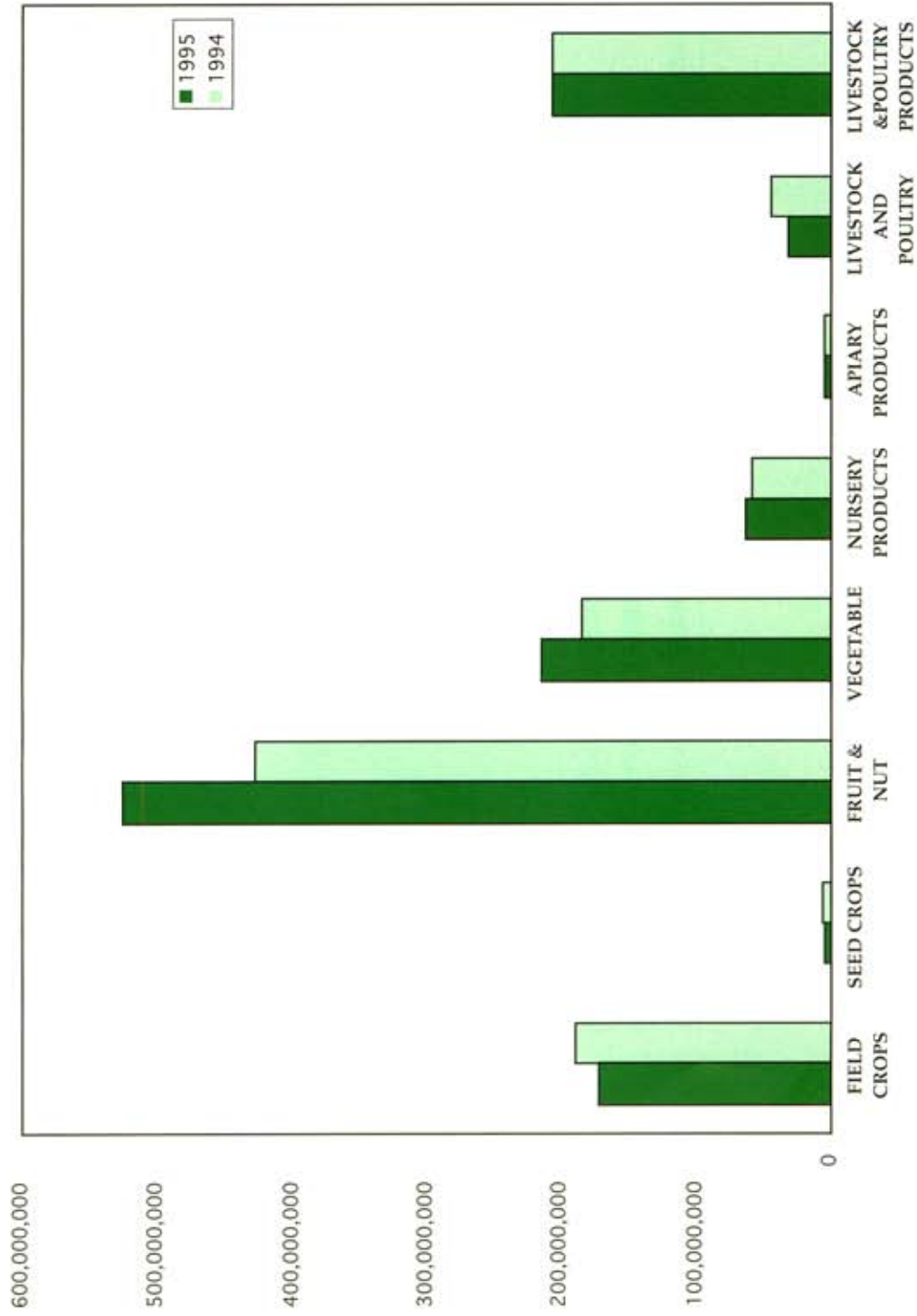
## SAN JOAQUIN COUNTY FRESH TOMATO ACREAGE

1975 - 1995





# CROP CATEGORY GROSS VALUES

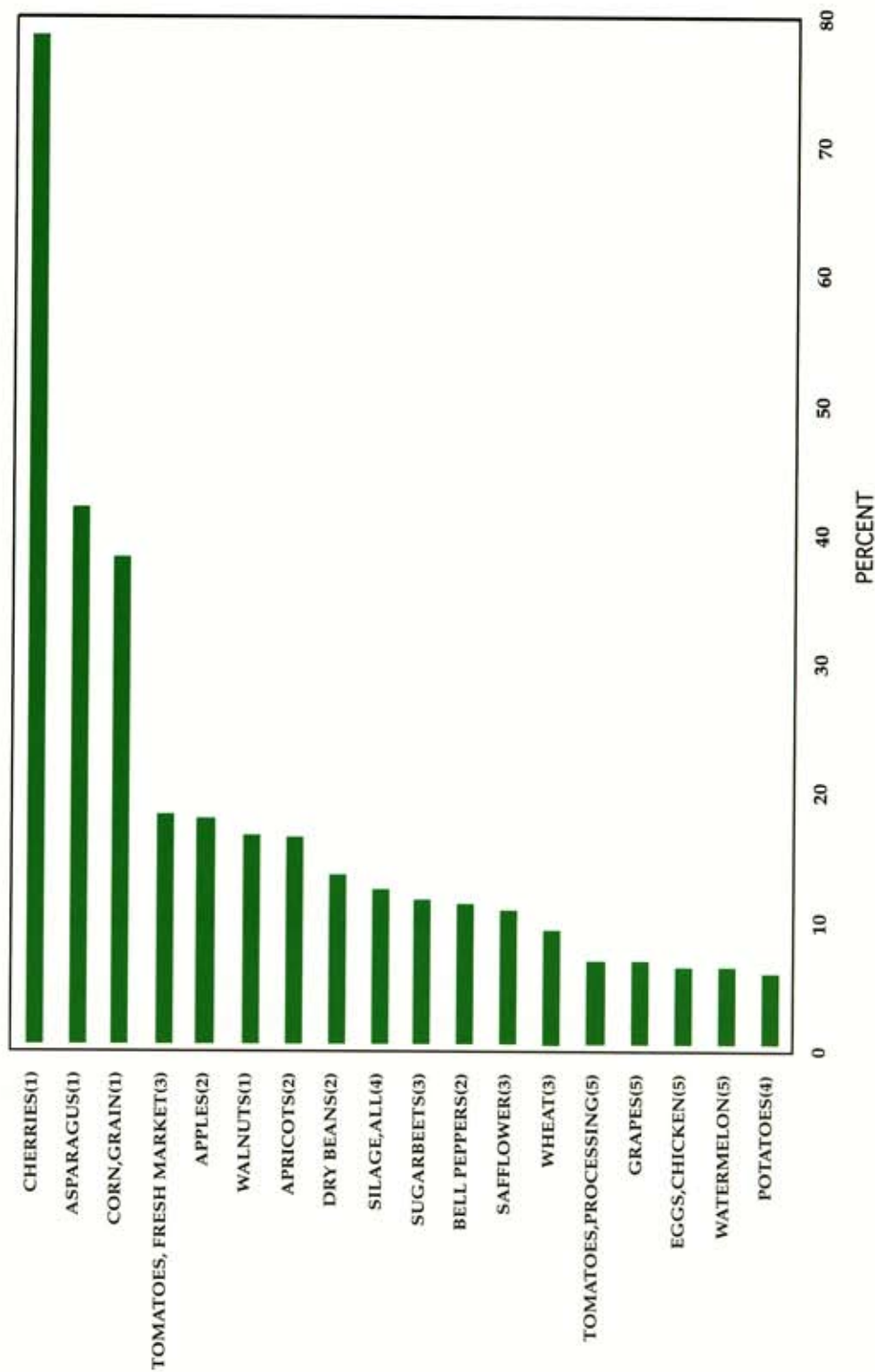


**TOTAL VALUE 1994: \$1,121,395,000**

**TOTAL VALUE 1995: \$1,222,600,000**

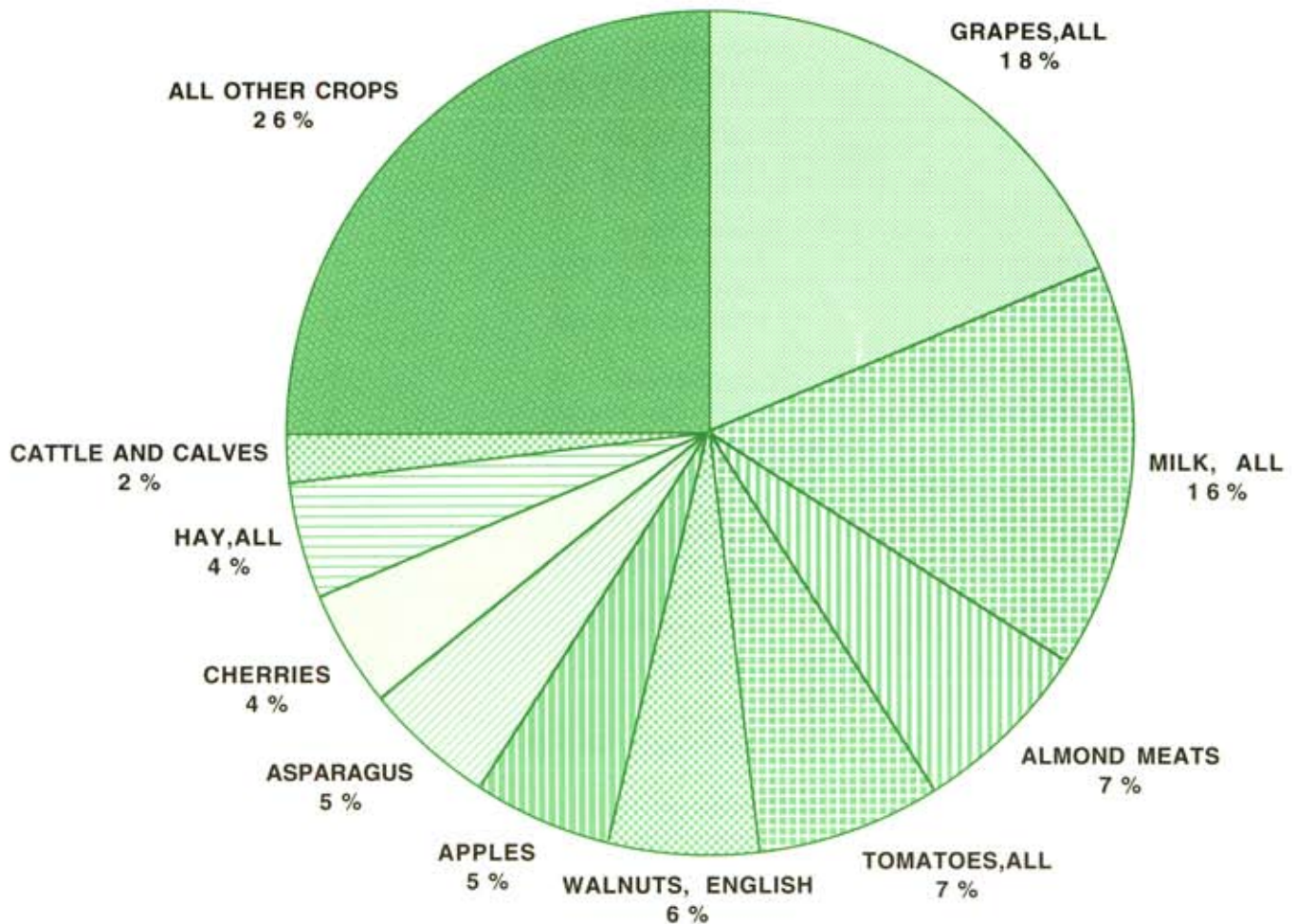
## SAN JOAQUIN COUNTY'S SHARE OF PRODUCTION

Listed below are the crops in which San Joaquin County ranked in the top five in the State based on gross value during the 1994 crop year. The bars represent San Joaquin County's percentage of the state value for that crop. The numbers in parentheses next to the crop labels show San Joaquin County's ranking for that crop.



# SAN JOAQUIN COUNTY'S TEN LEADING CROPS

GRAPES, ALL	\$226,133,000
MILK, ALL	\$190,804,000
ALMOND MEATS	\$85,880,000
TOMATOES,ALL	\$84,692,000
WALNUTS,ENGLISH	\$72,344,000
APPLES	\$63,485,000
ASPARAGUS	\$62,919,000
CHERRIES	\$54,958,000
HAY,ALL	\$53,418,000
CATTLE & CALVES	\$24,827,000
ALL OTHER CROPS	\$303,140,000





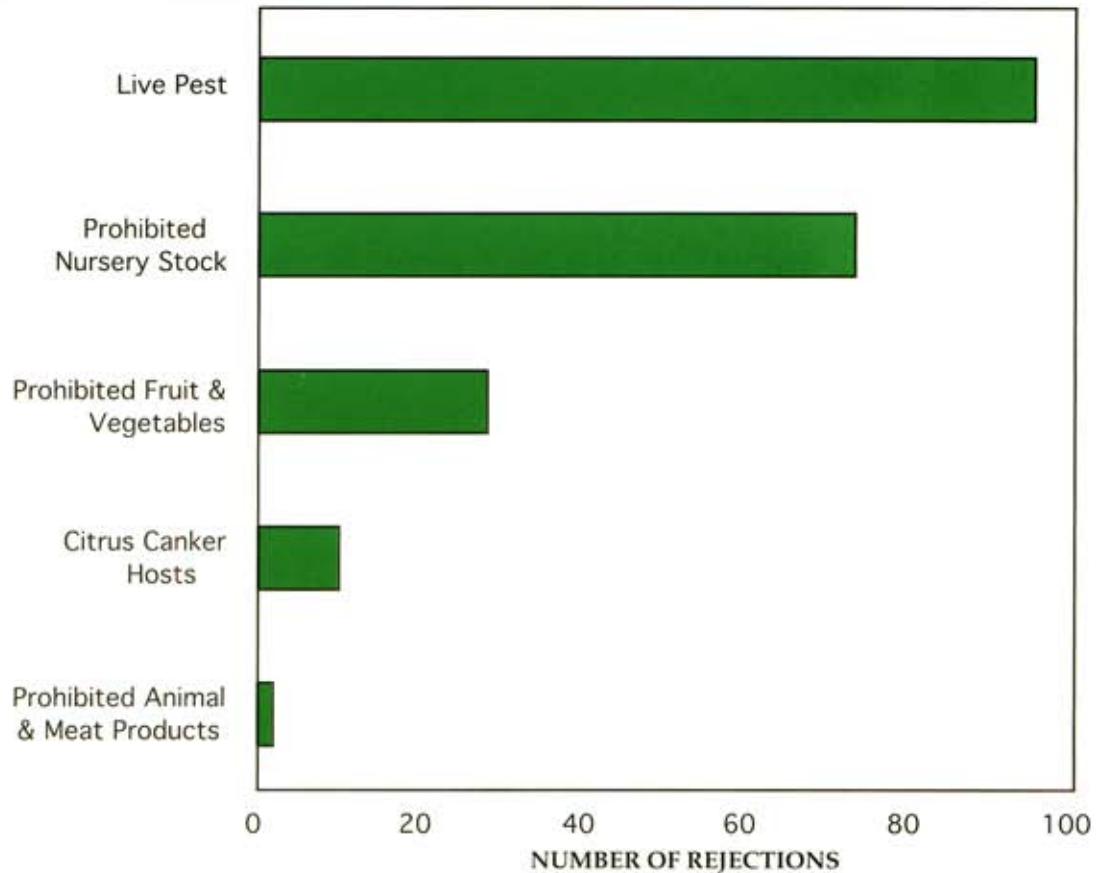
# SAN JOAQUIN COUNTY SUSTAINABLE AGRICULTURE

## 1995 BIOLOGICAL CONTROL

<u>PEST</u>	<u>CONTROL ORGANISM</u>	<u>SCOPE OF PROGRAM</u>
Yellowstar Thistle <i>Centaurea solstitialis</i>	Bud weevil <i>Bangasternus orientalis</i> Seed-head fly <i>Urophora sirunaseva</i> Hairy weevil <i>Eustenopus villosus</i>	5 sites  2 sites  2 sites
Water Hyacinth <i>Eichornia crassipes</i>	Hyacinth weevils <i>Neochetina eichorniae</i> <i>Neochetina bruchii</i> Hyacinth Moth <i>Sameodes albiguttalis</i>	1 site
Puncturevine <i>Tribulus terrestris</i>	Puncturevine weevil <i>Microlarinus lareynii</i> <i>Microlarinus lyperformis</i>	countywide
Italian Thistle <i>Carduus pycnocephalus</i>	Seed-head weevil <i>Rhinocylus conicus</i>	limited
Milk Thistle <i>Silybum marianum</i>	Seed-head weevil <i>Rhinocylus conicus</i>	countywide
Klamath Weed <i>Hypericum perforatum</i>	Klamath weed beetle <i>Chrysolina quadrigemina</i>	limited
Russian Thistle <i>Salsola australis</i>	Stem mining moths <i>Coleophora spp.</i>	limited
Ash Whitefly <i>Siphoninus phillyreae</i>	Encarsia Wasp <i>Encarsia partenopea</i> Ladybird beetle <i>Clitostethus arcuatus</i>	countywide  3 sites
Greenhouse Whitefly <i>Trialeurodes vaporariorum</i>	Ladybird beetle <i>Clitostethus arcuatus</i> Wasp <i>Encarsia formosa</i>	1 site (field)  2 sites (greenhouse)
Cottonycushion scale <i>Icerya purchasi</i>	Vedalia beetle <i>Rodalia cardinalis</i> Parasitic fly <i>Cryptochaetum iceryae</i>	countywide
Greenhouse Pest Fungus gnats	Nematode <i>Steinernema feltiae</i>	2 sites
Two-spot mites	Predator mite <i>Phytoseiulus sp.</i> <i>Metaseiulus occidentalis</i>	2 sites

## PEST EXCLUSION REJECTIONS 1995

The following depicts the number of Exclusion rejections issued on shipments in violation of California quarantines. All shipments of plant material entering San Joaquin County are inspected as a function of the Agricultural Commissioner's Pest Exclusion Program.



<u>PEST INTERCEPTED</u>	<u>SOURCE</u>	<u>SCOPE OF PROGRAM</u>
Live Pests		
Burrowing Nematode	Nurseries	15 Rejections/Destroyed
Reniform Nematode	Nurseries	1 Rejection/Destroyed
Quarantined Scales	Nurseries, P.O., UPS	43RejectionsDestroyed
Quarantined Snails, Slugs	Nurseries, P.O., U	11Rejections/Destroyed
OtherQuarantinedInsects	Nurseries, P.O., UPS	21 Rejections/Destroyed
Noxious Weeds	P.O., Ethnic Mkt.	4 Rejections/Destroyed
Prohibited Fruit & Vegetables	P.O., UPS, Ethnic Mkt.	28 Rejections/Destroyed
Citrus Canker Hosts	Ethnic Markets, P.O.	10 Rejections/Destroyed
Prohibited Nursery Stock	Nurseries, P.O., UPS	73 Rejections/Destroyed
Prohibited Animal & Meat Products	P.O.	2 Rejections/Destroyed

## GENERAL SAN JOAQUIN COUNTY INFORMATION

COUNTY SEAT	STOCKTON
COUNTY POPULATION (1995)	530,700
POPULATION PER SQUARE MILE	379
INCORPORATED CITIES (7)	
ESCALON, LATHROP, LODI, MANTECA, RIPON, STOCKTON AND TRACY	
LAND AREA (SQUARE MILES)	1,400
LAND IN FARMS (ACRES - 1992)	783,715
TOTAL CROPLAND (ACRES - 1992)	555,819
IRRIGATED CROPLAND (ACRES - 1992)	467,987
NUMBER OF FARMS (1992)	4,097
AVERAGE SIZE OF FARMS ( ACRES - 1992)	191
AGRICULTURAL WORK FORCE	15,700
LOWEST ELEVATION IN COUNTY (DELTA AREA)	12' BELOW SEA LEVEL
HIGHEST ELEVATION IN COUNTY (SOUTHWESTERN AREA)	3065' ABOVE SEA LEVEL
LENGTH OF COUNTY (NORTH TO SOUTH)	75 MILES
WIDTH OF COUNTY (EAST TO WEST)	65 MILES
AVERAGE JANUARY TEMPERATURE	53°
AVERAGE JULY TEMPERATURE	93°
AVERAGE ANNUAL RAINFALL	
NORTH COUNTY	16 INCHES
SOUTH COUNTY	14 INCHES
EAST COUNTY	12 INCHES
WEST COUNTY	9 INCHES



AGRICULTURAL COMMISSIONER'S OFFICE  
SAN JOAQUIN COUNTY  
P.O. BOX 1809  
STOCKTON, CA 95201

