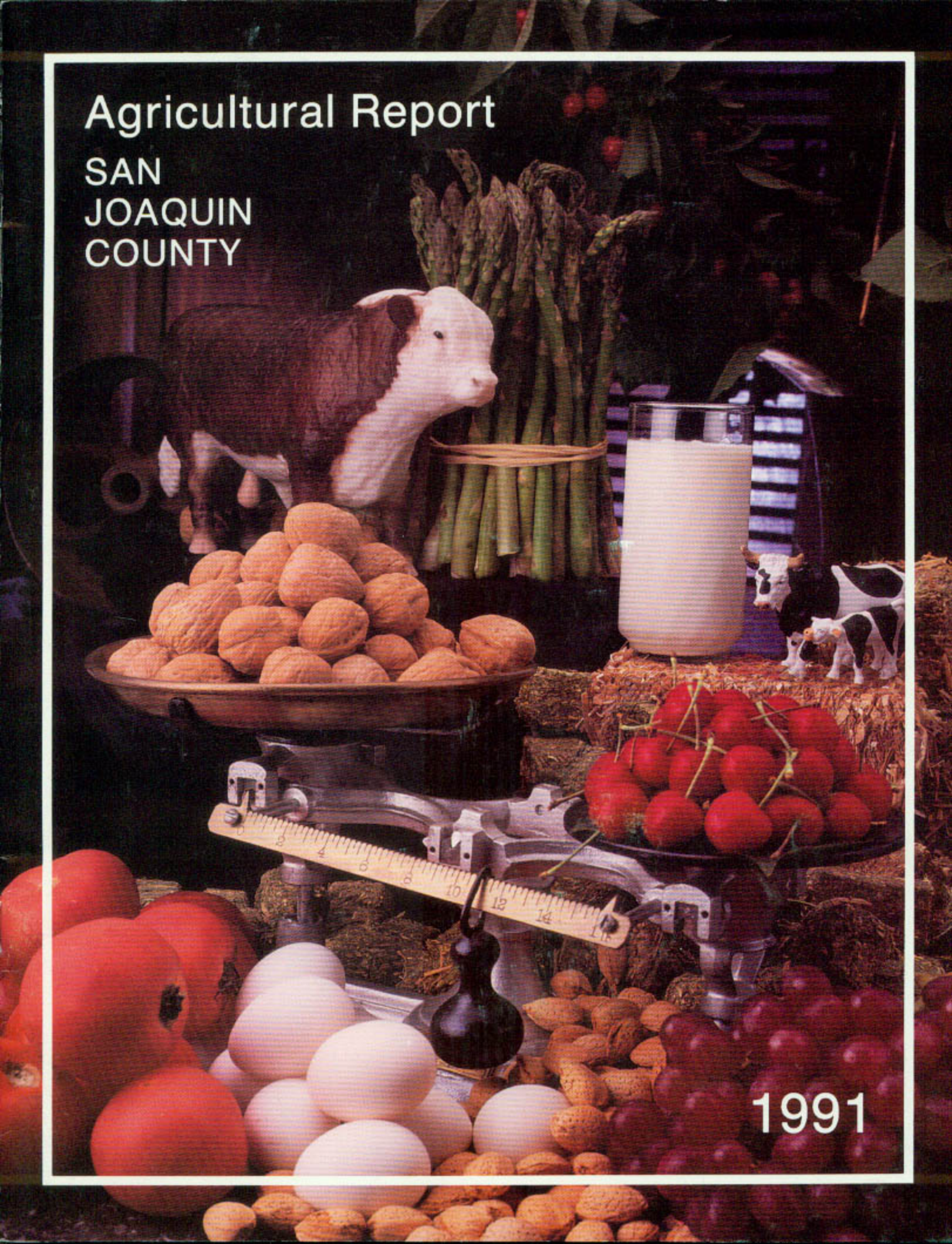


Agricultural Report

SAN
JOAQUIN
COUNTY



1991

Facts About San Joaquin County's Top Ten Crops

This year's cover depicts the top ten crops for 1991. These amount to \$605,111,000 or 72% of the total agricultural production for 1991. This hierarchy is determined by the gross value of the crops.

Over the past twenty years only five crops have been in to the top ten every year. They are Milk, Grapes, Tomatoes, Hay, and Eggs. Almonds weigh in next having made it 19 times; Cherries 17; Cattle & Calves and Asparagus are tied at 14; and Walnuts at 13 times.

In the same twenty years, only two other crops have made it into the top ten group. They are sugar beets (12 times) and corn (11 times).

A SPECIAL THANK YOU

The San Joaquin County Agricultural Commissioner's Office would like to express its appreciation to the San Joaquin Farm Bureau Federation for its generous contribution to the 1991 Crop and Livestock Report. Without its support the publication of this year's report would not have been feasible.

Cover by Steve Pereira Photography

SAN JOAQUIN COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

1991 ANNUAL CROP REPORT

E. B. Eby
Agricultural Commissioner

Compiled by
Merle Worthen
and
William J. Gritz

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Deputy Agricultural Commissioner
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Clerk Typist II, Manteca
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AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES
ANIMAL CONTROL

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

**TO HENRY J. 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 Agricultural Code, I am pleased to present the fifty-eighth 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 1991 in San Joaquin County is estimated to be \$844,613,000. This represents a 3.4% decrease from the estimated \$874,620,000 for 1990. Decreases occurred in Apiary Products (-12%), Field Crops (-16%), Livestock and Poultry (-4.7%), Livestock and Poultry Products (-9.5%), Nursery Products (-4%) and Seed Crops (-17%). The two major crop groups which increased in value were Fruit and Nut Crops (+7%) and Vegetable Crops (+3%).

The largest decrease in value was in field crops, down \$26,660,000 from the previous year. Virtually all of this decrease can be attributed to the previous years of drought, whose increasing severity led to the establishment of the State Water Bank. Over 52,000 acres were under contract in San Joaquin County by the Department of Water Resources. This meant that field and vegetable crops were not planted, or if already in the ground, they were not irrigated, thereby greatly reducing yields. The greatest acreages under water bank contract were corn and wheat found in the Delta region of San Joaquin County.

Livestock and Poultry Products were down \$19,505,000. This decrease was due to lower milk prices so that even though production was up 2%, the overall decrease in milk value was \$7,851,000. The largest decrease in this category occurred in market eggs. This decrease of \$11,000,000 was due to the loss of two egg packers who went out of business.

Other decreases in Apiary Products, Seed Crops, Livestock and Poultry, and Nursery Products amounted to a total of \$5,802,000. The fifth year of drought and the recession undoubtedly had a negative impact on these crops as well as the total agricultural economy. Nursery products while showing a 4% decrease, had been steadily increasing for the past twenty years, reaching their highest percentage increase in 1990.

Fruit and Nut Crops increased 7% overall (\$17,471,000). Substantial increases in cherries and walnuts accounted for most of this increase. Cherries returned to near normal production levels with over 2.3 million cartons of fresh market fruit, and substantial increases in processing tonnage and price. Walnuts increased in both production and price. These two crops increased \$32,220,000 over their 1990 value. Almonds experienced greatly reduced yields due to March rains and grape losses were sustained during the July heat wave which caused widespread sunburn to Tokays and some wine grapes. The combined decreases in value of these two crops was \$15,308,000.

The gross value of vegetable crops is estimated to be \$154,488,000, an increase of about 3%. Asparagus was up over 10 million dollars from the previous year even though 1,300 acres were under contract to the State Water Bank. Higher production and price, plus expansion of the export market account for this increase. Other substantial increases occurred in onions, peppers, potatoes and miscellaneous vegetables. Decreases occurred in cauliflower, cucumbers, melons and tomatoes. The value of tomatoes decreased by \$13,435,000 because the large surpluses from two previous record years decreased demand for tomato products, especially paste.

My sincere appreciation is expressed to all those who assisted my inspectors and deputies by furnishing the necessary information which made this report possible.

Respectfully submitted


E. B. Eby
Agricultural Commissioner

FIELD CROPS

CROP	YEAR	PRODUCTION		GROSS VALUE				
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
BARLEY	1991	7,500	2.04	15,300	TON	\$99.00		\$1,512,000
	1990	2,150	1.82	3,920	TON	106.00		416,000
BEANS, DRY, ALL	1991	20,600	1.15	23,600	TON	588.00		13,877,000
	1990	25,900	1.50	38,900	TON	547.00		21,290,000
BLACKEYE	1991	3,870	1.21	4,670	TON	578.00	\$2,701,000	
	1990	2,300	1.27	2,920	TON	417.00	1,217,000	
KIDNEY	1991	5,700	1.09	6,200	TON	526.00	3,259,000	
	1990	15,100	1.15	17,300	TON	517.00	8,941,000	
LIMA (FIELD)	1991	11,000	1.15	12,700	TON	623.00	7,917,000	
	1990	8,520	2.19	18,700	TON	595.00	11,132,000	
CORN	1991	35,100	4.67	164,000	TON	106.00		17,371,000
	1990	42,800	4.32	185,000	TON	108.00		19,992,000
HAY, ALL	1991	75,600	6.67	504,000	TON	89.00		44,749,000
	1990	69,500	6.46	449,000	TON	103.00		46,308,000
ALFALFA	1991	64,500	7.30	471,000	TON	91.00	42,760,000	
	1990	63,100	6.78	428,000	TON	105.00	44,757,000	
OTHER	1991	11,110	2.96	32,900	TON	60.00	1,989,000	
	1990	6,380	3.35	21,400	TON	72.50	1,551,000	
OATS	1991	920	2.28	2,100	TON	54.30		114,000
	1990	5,400	1.68	9,070	TON	106.00		962,000
PASTURE & RANGE	1991	175,000			ACRE	39.90		6,988,000
	1990	174,000			ACRE	41.70		7,262,000
IRRIGATED	1991	25,800			ACRE	150.00	3,862,000	
	1990	26,600			ACRE	156.00	4,153,000	
OTHER	1991	149,000			ACRE	21.00	3,126,000	
	1990	147,000			ACRE	21.10	3,109,000	
RICE	1991	4,960	4.17	20,700	TON	152.00		3,143,000
	1990	4,950	4.00	19,800	TON	146.00		2,889,000
SAFFLOWER	1991	5,050	1.62	8,200	TON	268.00		2,200,000
	1990	9,000	1.32	11,900	TON	263.00		3,124,000
SILAGE, CORN	1991	21,500	26.9	579,000	TON	18.20		10,510,000
	1990	20,000	23.7	474,000	TON	21.90		10,388,000
SILAGE, OTHER INCLUDES GREEN CHOP	1991	23,500	12.7	299,000	TON	18.10		5,404,000
	1990	20,600	15.0	308,000	TON	16.90		5,211,000
SORGHUM, GRAIN	1991	393	2.19	860	TON	88.00		76,000
	1990	210	2.20	462	TON	88.10		40,700
SUGAR BEETS	1991	25,400	22.2	565,000	TON	37.10		20,970,000
	1990	27,900	24.9	696,000	TON	40.00		27,852,000

FIELD CROPS (CONT.)

CROP	YEAR	PRODUCTION			GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	SUBTOTAL	TOTAL
SUNFLOWERS	1991	3,540	1.16	4,090	TON	\$480.00	\$1,964,000
	1990	2,020	1.01	2,050	TON	428.00	877,000
WHEAT	1991	35,900	2.73	98,000	TON	103.00	10,113,000
	1990	65,100	2.66	173,000	TON	110.00	19,039,000
TOTAL	1991	435,000					\$138,991,000
	1990	469,000					\$165,651,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

SEED CROPS

CROP	YEAR	PRODUCTION			GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	TOTAL	
BEANS, CERTIFIED SEED DARK RED KIDNEY	1991	1,600	19.3	30,900	CWT	\$37.90	\$1,172,000
	1990	1,640	18.3	30,000	CWT	42.90	1,288,000
LIGHT RED KIDNEY	1991	830	21.1	17,500	CWT	34.90	611,000
	1990	1,870	20.3	38,000	CWT	35.00	1,329,000
GRAIN SEED	1991	670	5,790	3,880,000	LBS	0.08	310,000
	1990	2,150	5,950	12,794,000	LBS	0.07	896,000
POTATOES, SEED	1991	300	230	69,000	CWT	9.30	639,000
	1990	300	225	67,500	CWT	9.50	641,000
VEGETABLE SEED	1991	435					1,147,000
	1990	391					802,000
MISCELLANEOUS SEED CLOVER, SUDAN & ETC.	1991	1,080					660,000
	1990	967					518,000
TOTAL	1991	4,920					\$4,539,000
	1990	7,320					\$5,474,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION				GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	SUBTOTAL	TOTAL	
ALMOND, MEATS	1991	33,600	0.51	17,100	TON	\$2,150.00		\$36,780,000
	1990	36,600	0.78	28,600	TON	1,700.00		48,606,000
ALMOND, HULLS	1991			50,000	TON	53.00		2,647,000
	1990			57,100	TON	63.00		3,597,000
APPLES	1991	1,800	16.7	30,100	TON	380.00		11,423,000
	1990	1,770	16.0	28,300	TON	362.00		10,245,000
APRICOTS	1991	2,650	6.94	18,400	TON	237.00		4,369,000
	1990	2,570	9.30	23,900	TON	261.00		6,238,000
CHERRIES, ALL	1991	7,440	3.83	28,500	TON	1,880.00		53,672,000
	1990	7,330	2.61	19,100	TON	1,840.00		35,239,000
FRESH	1991			21,000	TON	2,330.00	\$48,859,000	
	1990			14,500	TON	2,310.00	33,507,000	
PROCESSING	1991			7,480	TON	643.00	4,813,000	
	1990			4,560	TON	380.00	1,732,000	
GRAPES, ALL	1991	46,300	7.02	325,000	TON	257.00		83,574,000
	1990	46,400	7.63	354,000	TON	246.00		87,056,000
TABLE, ALL	1991	12,700	5.76	73,200	TON	146.00	10,687,200	
	1990	14,300	6.19	88,500	TON	134.00	11,859,000	
TOKAY, ALL	1991	12,400	5.73	71,000	TON	146.00	10,388,000	
	1990	14,200	6.18	87,800	TON	134.00	11,798,000	
FRESH	1991			980	TON	630.00	619,000	
	1990			794	TON	610.00	484,000	
CRUSHED	1991			69,600	TON	140.00	9,769,000	
	1990			87,000	TON	130.00	11,314,000	
WINE, ALL	1991	33,600	7.50	252,000	TON	289.00	72,887,000	
	1990	32,100	8.26	265,000	TON	284.00	75,197,000	
FRESH	1991			13,780	TON	397.00	5,470,000	
	1990			16,000	TON	375.00	6,000,000	
CRUSHED	1991			238,000	TON	283.00	67,417,000	
	1990			249,000	TON	278.00	69,197,000	
PEACHES, ALL	1991	2,380	18.8	44,700	TON	238.00		10,646,000
	1990	2,330	19.1	44,400	TON	222.00		9,875,000
CLINGSTONE	1991	1,930	19.3	37,300	TON	223.00	8,313,000	
	1990	1,890	19.3	36,500	TON	218.00	7,956,000	
FREESTONE	1991	447	16.5	7,380	TON	316.00	2,333,000	
	1990	443	17.7	7,860	TON	244.00	1,919,000	
PEARS	1991	710	17.8	12,640	TON	222.00		2,802,000
	1990	624	13.4	8,380	TON	214.00		1,797,000

FRUIT AND NUT CROPS (CONT.)

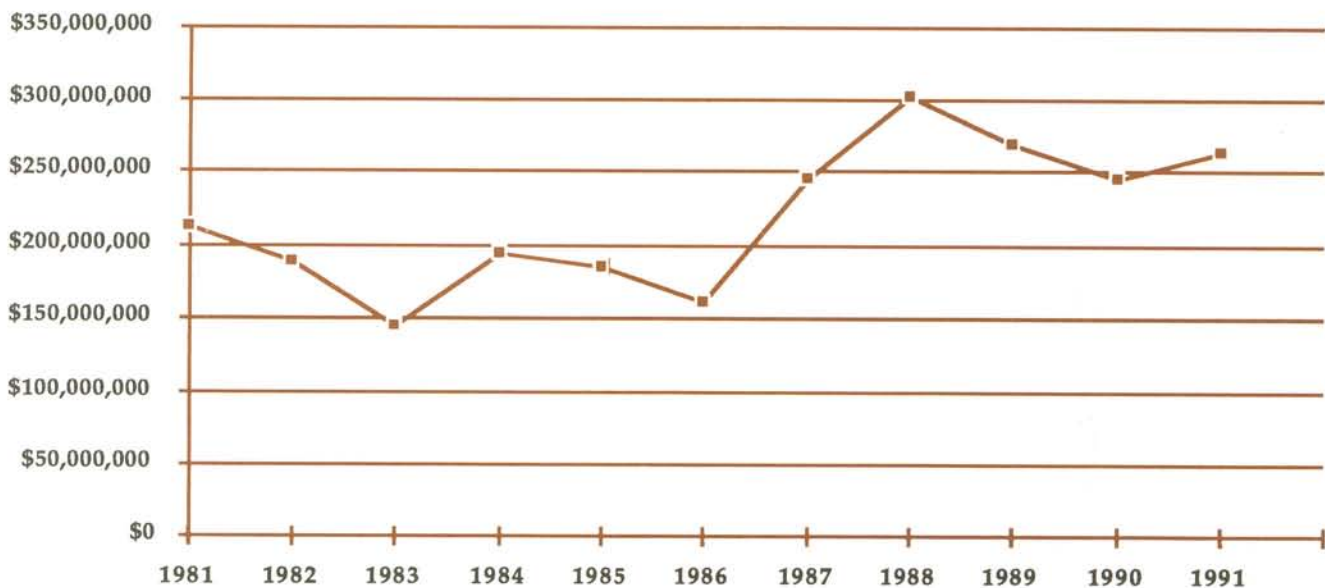
CROP	YEAR	PRODUCTION				GROSS VALUE	
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	SUBTOTAL	TOTAL
WALNUTS, ENGLISH	1991	28,000	1.75	49,000	TON	\$1,100.00	\$53,910,000
	1990	27,400	1.45	39,700	TON	1,010.00	40,123,000
MISCELLANEOUS	1991						3,217,000
	1990						3,093,000
TOTAL	1991	124,000					\$263,040,000
	1990	126,000					\$245,869,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

The Rise of Fruit and Nut Values

Over the years Fruit and Nut Crops have remained among the leading commodities in San Joaquin County. As the graph below depicts the early to mid 80's values ranged from 150 to 200 million dollars. The last 5 years have seen a substantial increase with values holding in the 250 to 300 million dollar range.

FRUIT AND NUT CROP VALUES 1981-1991



VEGETABLE CROPS

CROP	YEAR	PRODUCTION				GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ASPARAGUS	1991	18,700	1.44	26,900	TON	\$1,340.00		\$36,084,000
	1990	19,300	1.23	23,800	TON	1,050.00		25,107,000
CAULIFLOWER	1991	560	2.95	1,650	TON	350.00		578,000
	1990	1,400	4.28	5,990	TON	390.00		2,339,000
CUCUMBERS	1991	1,610	15.4	24,800	TON	161.00		4,002,000
	1990	2,030	17.8	36,100	TON	154.00		5,560,000
MELONS, ALL	1991	2,410	12.0	28,900	TON	81.00		2,352,000
	1990	1,590	15.5	24,700	TON	113.00		2,795,000
WATERMELONS	1991	1,430	13.8	19,700	TON	79.00	\$1,552,000	
	1990	1,290	16.4	21,200	TON	114.00	2,420,000	
OTHER	1991	978	9.4	9,190	TON	87.10	800,000	
	1990	302	11.6	3,510	TON	106.80	375,000	
ONIONS, DRY	1991	2,020	23.1	46,700	TON	220.00		10,273,000
	1990	1,530	20.8	31,800	TON	142.00		4,515,000
PEPPERS	1991	3,990	11.70	46,600	TON	303.00		14,099,000
	1990	3,230	9.07	29,300	TON	428.00		12,551,000
POTATOES	1991	2,660	330	879,000	CWT	8.40		7,426,000
	1990	1,920	339	651,000	CWT	8.86		5,765,000
PUMPKINS	1991	1,820	10.7	19,400	TON	92.80		1,800,000
	1990	1,550	10.0	15,500	TON	111.00		1,713,000
TOMATOES, ALL	1991	29,600	26.3	778,000	TON	90.70		70,558,000
	1990	34,200	27.6	944,800	TON	88.90		83,993,000
SHIPPING	1991	7,980	12.7	101,700	TON	324.00	32,969,000	
	1990	6,000	12.3	73,800	TON	408.00	30,108,000	
PROCESSING	1991	21,600	31.3	676,000	TON	55.60	37,589,000	
	1990	28,200	30.9	871,000	TON	61.90	53,885,000	
MISCELLANEOUS VEGETABLES	1991	3,080						7,316,000
	1990	2,690						5,361,000
TOTAL	1991	66,400						\$154,488,000
	1990	69,400						\$149,699,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY SOLD BY PRODUCERS		UNIT	GROSS VALUE
					TOTAL
GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	1991	49,150,000		PLANT	\$3,040,000
	1990	35,604,000		PLANT	2,682,000
VEGETABLE PLANTS	1991	90,669,000		PLANT	3,197,000
	1990	88,210,000		PLANT	2,602,000
FLOWERING POTTED PLANTS	1991	3,598,000		EACH	10,230,000
	1990	3,631,000		EACH	9,581,000
FOLIAGE PLANTS	1991	4,085,000		EACH	7,275,000
	1990	6,363,000		EACH	10,835,000
BEDDING PLANTS	1991	950,000		PKG	6,851,000
	1990	774,000		PKG	5,502,000
WOODY ORNAMENTALS	1991	3,024,000		EACH	11,119,000
	1990	1,446,000		EACH	5,809,000
CHRISTMAS TREES	1991	7,390		EACH	149,000
	1990	6,990		EACH	129,000
BULBS, RHIZOMES, TURF, CACTUS, ETC.	1991	14,689,000			4,720,000
	1990	24,466,000			11,551,000
TOTAL	1991				\$46,581,000
	1990				\$48,691,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

APIARY PRODUCTS

CROP	YEAR	PRODUCTION	UNIT	PER	TOTAL
				UNIT	
HONEY	1991	363,000	LBS	\$0.54	\$195,000
	1990	278,000	LBS	0.55	152,000
POLLINATION	1991	74,300	HIVE	26.80	1,990,000
	1990	71,400	HIVE	32.50	2,322,000
TOTAL	1991				\$2,185,000
	1990				\$2,474,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

LIVESTOCK AND POULTRY

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1991	155,000	570,000	CWT	\$73.20	\$41,719,000
	1990	159,000	591,000	CWT	71.60	42,342,000
SHEEP & LAMBS	1991	34,300	33,900	CWT	47.20	1,600,000
	1990	35,600	35,200	CWT	49.90	1,758,000
HOGS & PIGS	1991	5,100	5,420	CWT	79.90	433,000
	1990	5,470	5,810	CWT	82.40	479,000
BROILERS & FRYERS	1991	1,845,000	8,553,000	LBS	0.48	4,071,000
	1990	2,350,000	8,370,000	LBS	0.53	4,444,000
OTHER CHICKENS & PULLETS	1991	2,063,000		EACH	0.22	454,000
	1990	2,886,000		EACH	0.23	664,000
TURKEYS	1991	250,000	3,812,000	LBS	0.34	1,286,000
	1990	452,000	8,380,000	LBS	0.28	2,344,000
TOTAL	1991					\$49,563,000
	1990					\$52,031,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL	1991	13,973,000	CWT	\$11.10		\$155,762,000
	1990	13,697,000	CWT	11.90		163,613,000
MARKET	1991	13,756,000	CWT	11.20	\$153,512,000	
	1990	13,477,000	CWT	12.00	161,188,000	
MANUFACTURING	1991	217,000	CWT	10.40	2,250,000	
	1990	220,000	CWT	11.00	2,425,000	
WOOL	1991	212,000	LBS	0.63		133,000
	1990	223,000	LBS	0.89		199,000
EGGS, CHICKEN	1991	49,572,000	DOZ	0.57		28,303,000
	1990	63,915,000	DOZ	0.62		39,305,000
MANURE	1991	127,000	TON	3.24		412,000
	1990	200,000	TON	3.80		756,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1991					616,000
	1990					858,000
TOTAL	1991					\$185,226,000
	1990					\$204,731,000

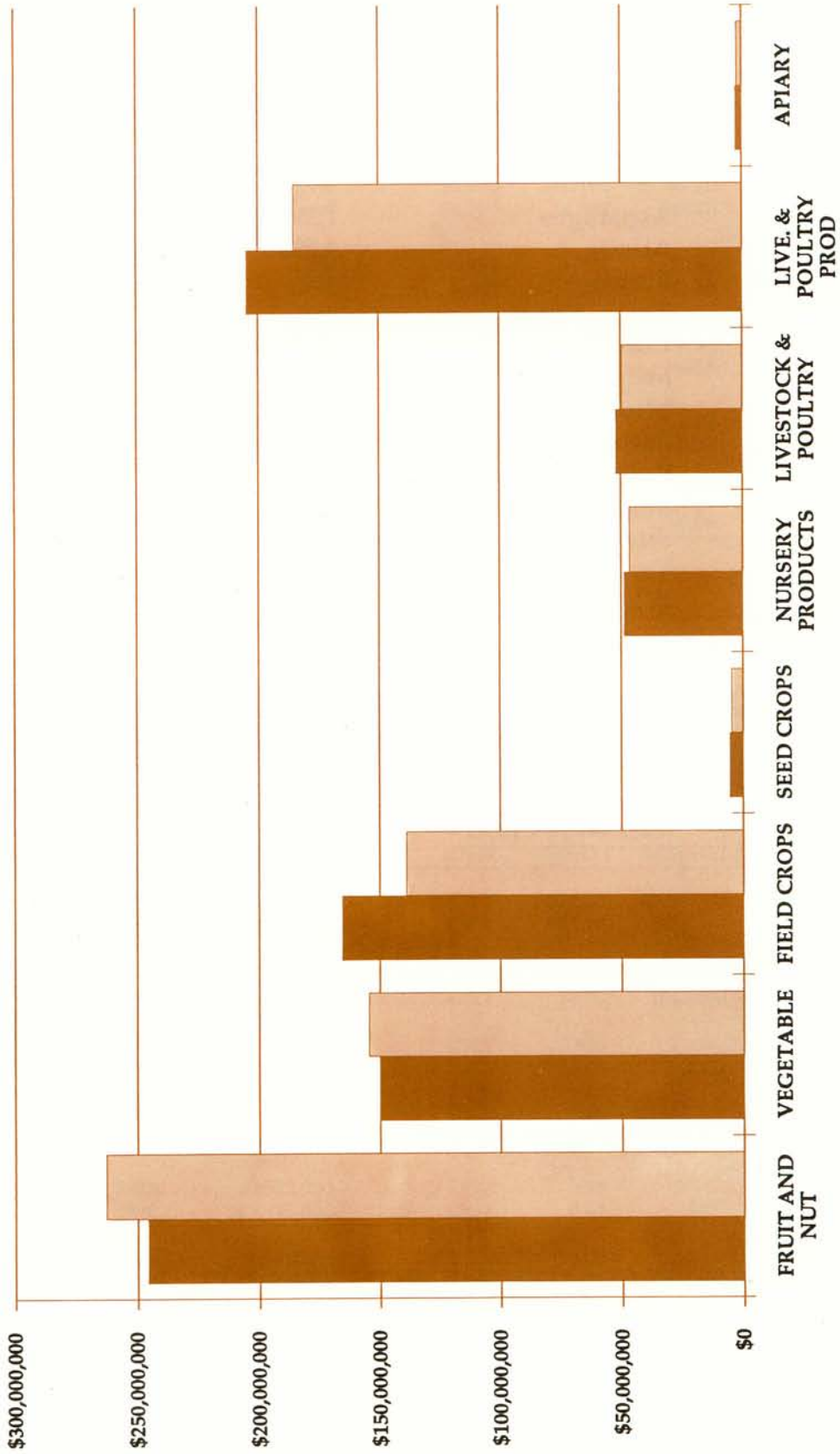
NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

**1991 DROUGHT WATER BANK
ACRES UNDER CONTRACT IN SAN JOAQUIN COUNTY**

<u>*Crop</u>	<u>Acres</u>
Asparagus	1,278
Alfalfa	3,798
Barley	412
Beans, dry	958
Corn, grain	24,955
Milo	189
Misc. Truck Crops	463
Pasture, Irrigated	592
Safflower	25
Sugar Beets	3,699
Sunflowers	384
Tomatoes	1,216
Wheat	<u>14,286</u>
<u>Total</u>	52,255
<u>Field Crops =</u>	49,298
<u>Vegetable Crops =</u>	2,957

* FIGURES SUPPLIED BY DEPARTMENT OF WATER RESOURCES

CROP CATEGORY GROSS VALUES



TOTAL VALUE 1990 \$874,620,000

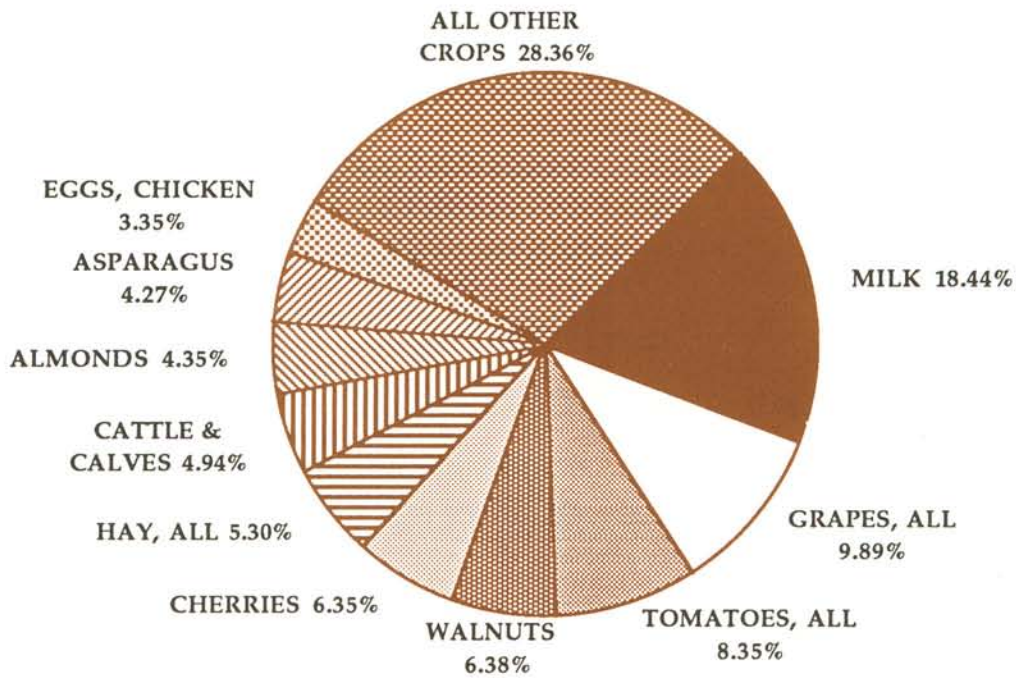
TOTAL VALUE 1991 \$844,613,000

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

MILK, ALL	\$155,762,000
GRAPES, ALL	83,574,000
TOMATOES, ALL	70,558,000
WALNUTS, ENGLISH	53,910,000
CHERRIES, ALL	53,672,000
HAY, ALL	44,749,000
CATTLE & CALVES	41,719,000
ALMOND MEATS	36,780,000
ASPARAGUS	36,084,000
EGGS, CHICKEN	28,303,000

ALL OTHER CROPS \$239,502,000

SAN JOAQUIN COUNTY'S TEN LEADING CROPS



SAN JOAQUIN COUNTY SUSTAINABLE AGRICULTURE

1991

BIOLOGICAL CONTROL

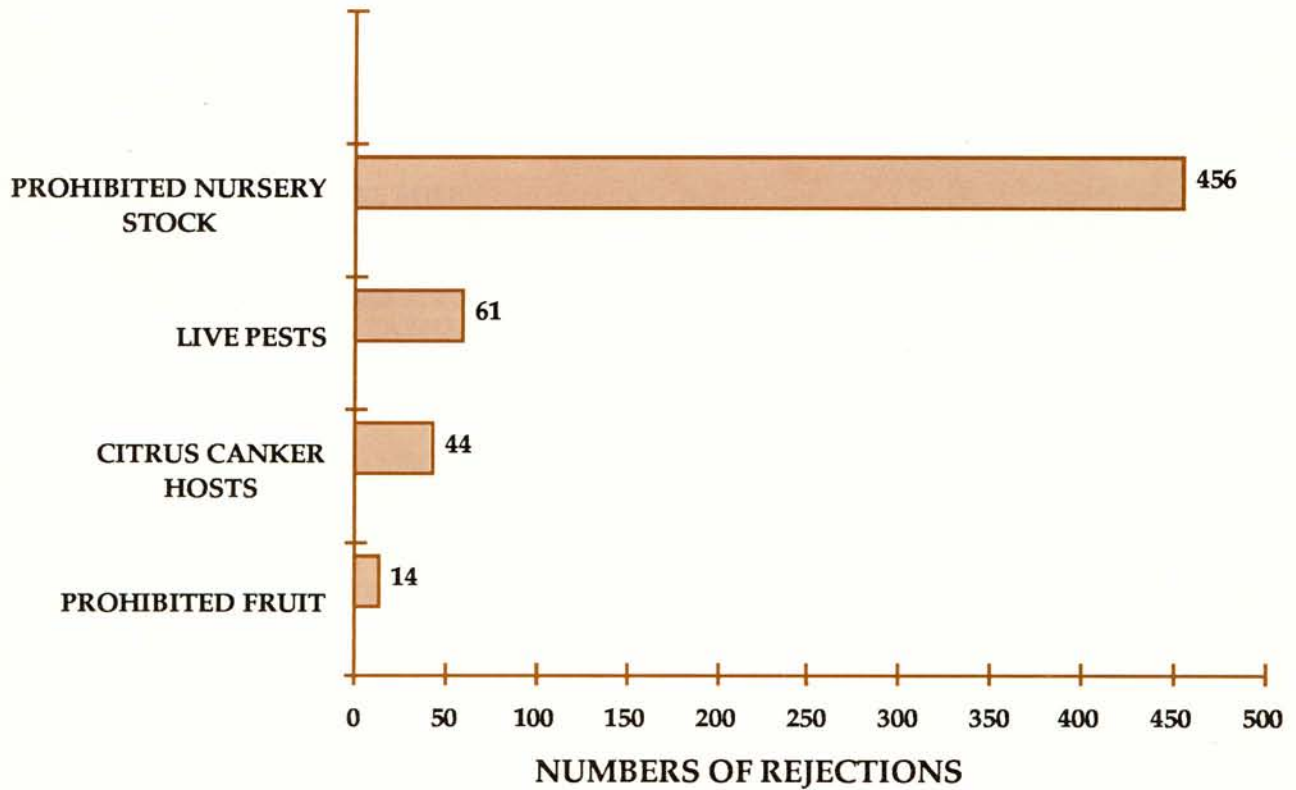
<u>PEST</u>	<u>CONTROL ORGANISM</u>	<u>SCOPE OF PROGRAM</u>
Yellowstar thistle <i>Centaurea solstitialis</i>	Seed-head weevil <i>Bangasternus orientalis</i>	3 sites
Water Hyacinth <i>Eichornia crassipes</i>	Hyacinth weevils <i>Neochetina eichorniae</i> <i>Neochetina bruchii</i> Hyacinth Moth <i>Sameodes albiguttalis</i>	1 site
Russian Wheat Aphid <i>Diuraphis noxia</i> and other Aphids	Ladybird Beetles <i>Coccinellina ancoralis</i> <i>Coccinella septempunctata</i> <i>Coleomegilla quadrifasciata</i> <i>Eriopsis connexa</i> <i>Hippodamia variegata</i> <i>Oenopia conglobata</i> <i>Propylea quatuordecimpunctata</i> <i>Semiadalia undecimnotata</i> <i>Chamaemyid Fly</i> <i>Leucopis ninae</i>	6 sites
Ash Whitefly <i>Siphoninus phillyreae</i>	Encarsia Wasp <i>Encarsia sp.nr. inaron</i>	20 sites
Codling Moth <i>Cydia pomonella</i>	Ichneumonid Wasp <i>Liotryphon caudatus</i>	1 site

ORGANIC FARMS

IN SAN JOAQUIN COUNTY

<u>NUMBER REGISTERED</u>	<u>CROP CATEGORY</u>	<u>ACRES FARMED</u>
6	VEGETABLE	105
	FRUIT & NUT	190

PEST EXCLUSION REJECTIONS 1991



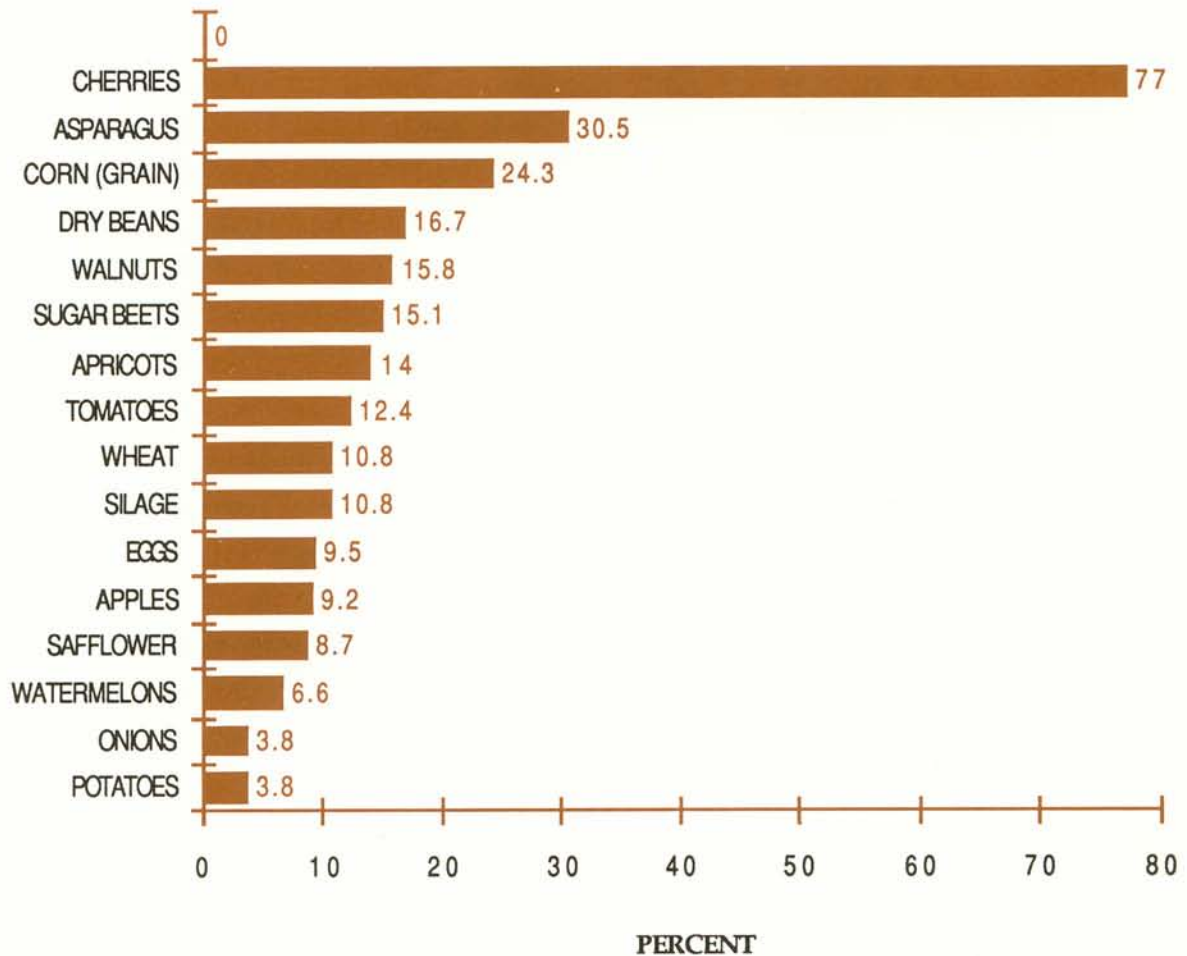
THE ABOVE GRAPH DEPICTS THE NUMBER OF EXCLUSION REJECTIONS IN RELATION TO THE REASON FOR THE REJECTION.

SOURCES OF REJECTED MATERIAL : NURSERIES, POST OFFICE, UPS, TRUCKS, ASIAN MARKETS

LIVE PESTS : BURROWING NEMATODE
RENIEORM NEMATODE
IMPORTED FIRE ANT
CARIBBEAN FRUIT FLY
QUARANTINED SCALES
QUARANTINED SNAILS & SLUGS
OTHER QUARANTINED INSECTS
CANADA THISTLE
QUACKGRASS

SAN JOAQUIN COUNTYS' SHARE OF CALIFORNIA 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 1990 CROP YEAR. THE NUMBERS AT THE END OF EACH BAR REPRESENT SAN JOAQUIN COUNTYS' PERCENTAGE OF THE TOTAL STATE VALUE FOR THAT CROP.



GENERAL SAN JOAQUIN COUNTY INFORMATION

COUNTY SEAT	STOCKTON
COUNTY POPULATION (1991)	480,628
POPULATION PER SQUARE MILE	332
INCORPORATED CITIES (7)	
ESCALON, LATHROP, LODI, MANTECA, RIPON, STOCKTON AND TRACY	
LAND AREA (SQUARE MILES)	1,448
LAND IN FARMS (ACRES - 1987)	823,729
TOTAL CROPLAND (ACRES - 1987)	550,526
IRRIGATED CROPLAND (ACRES - 1987)	448,511
NUMBER OF FARMS (1987)	4,366
AVERAGE SIZE OF FARMS (ACRES - 1987)	189
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