

Agricultural Report

**SAN
JOAQUIN
COUNTY**



1992



This year's Crop Report features the Dairy Industry in San Joaquin County. Milk has been the number one crop in the County for many years in terms of gross value. The 1992 milk value is \$167,982,000, which is over 70 million dollars more than grapes, the second place 1992 crop.

The majority of San Joaquin County dairies are family owned and operated. The average milking herd size is over 400 cows. At present there are 160 dairy herds in the county. Dairy cows are milked two to three times a day, seven days per week, 365 days per year.

The modern dairy manager must be multi-faceted. The majority of the feed for the herd must be raised, the health of the herd must be constantly monitored to keep it free from disease, the breeding program must be aggressively managed to maintain herd size, and the nutrition of the herd must be constantly adjusted to keep milk production at a maximum.

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 1992 Crop and Livestock Report. Without its support the publication of this year's report would not have been feasible.



SAN JOAQUIN COUNTY
AGRICULTURAL COMMISSIONER'S OFFICE

1992 ANNUAL CROP REPORT

E. B. Eby
Agricultural Commissioner

Compiled by
Merle D. Worthen
and
William J. Gritz

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

MARY R. JENSEN
ASST. AGRICULTURAL COMMISSIONER
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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-ninth 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 1992 in San Joaquin County is estimated to be \$902,514,000. This represents a 6.8% increase from the estimated \$844,613,000 for 1991, and an all time high for San Joaquin County. Increases occurred in Field Crops (+11.8%), Seed Crops (+2.8%), Fruit and Nut Crops (+16.6%), Apiary Products (+3.9%) and in Livestock & Poultry Products (+7.9%). Decreases occurred in Vegetable Crops (-3%), Nursery Products (-17%), and Livestock & Poultry (-9.3%).

The largest increase in value was in Fruit and Nut Crops, which were up \$43,758,000 from the previous year. Almonds and Grapes were up in both price and yield with a combined increase of \$32,540,000. Cherries, while slightly down in yield, had exceptionally high quality. This excellent pack-out and a very strong export market increased the value of the Cherry crop by \$5,923,000. Nearly 50% of the San Joaquin County Cherry crop was exported in 1992. Walnuts were down in yield but higher prices increased their value by \$2,634,000.

Field Crops were estimated to be up \$16,463,000 in 1992. Wheat and corn acreages were up considerably from the 1991 value because no acreage was contracted for fallowing by the State Water Bank in San Joaquin County for the 1992 season. The increased value for these two crops amounted to \$10,476,000. Other significant increases occurred in Hay, Safflower, and Sugar Beets.

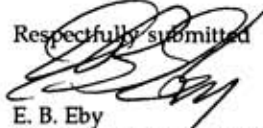
Livestock and Poultry products increased \$14,606,000. The value of milk, our number one crop, was responsible for most of this increase. The production and price were up in 1992 and the increase amounted to \$12,220,000. Other increases occurred in Eggs, Manure, and Wool and amounted to \$2,785,000.

The value of Vegetable Crops decreased by \$4,637,000. As the large surpluses of processed tomatoes from the record 1989 and 1990 crops are used up, the decline in planted acreage continues. Less than 20,000 acres of fresh market and processing tomatoes were harvested in 1992 for a combined decrease of \$14,402,000. Asparagus was up by \$4,439,000. Although production was down slightly, a continuing strong export market brought higher prices. Significant increases occurred in cauliflower, cucumbers, melons, onions, peppers and pumpkins, but these increases were not enough to overcome the combined decreases in tomatoes and potatoes.

Livestock and Poultry and Nursery Products were down for 1992 with a combined decrease of \$12,408,000. The sixth year of drought made water and feed very scarce in the rangeland which showed as a \$5,144,000 decrease in Cattle and Calves. Likewise, in Nursery Products the largest decreases occurred in categories which supply landscape and garden plants. As consumers were forced to decrease water usage the demand for these types of plants have dramatically decreased in the past few years.

I wish to express my sincere appreciation to all 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			TOTAL
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	
BARLEY	1992	2,950	2.34	6,890	TON	\$112.00		\$769,000
	1991	7,500	2.04	15,300	TON	99.00		1,512,000
BEANS, DRY, ALL	1992	20,900	1.09	22,800	TON	565.00		12,885,000
	1991	20,600	1.15	23,600	TON	588.00		13,877,000
BLACKEYE	1992	4,160	0.98	4,090	TON	444.00	\$1,818,000	
	1991	3,870	1.21	4,670	TON	578.00	2,701,000	
KIDNEY	1992	7,600	1.03	7,800	TON	747.00	5,825,000	
	1991	5,700	1.09	6,200	TON	526.00	3,259,000	
LIMA (FIELD)	1992	9,100	1.20	10,900	TON	481.00	5,242,000	
	1991	11,000	1.15	12,700	TON	623.00	7,917,000	
CORN	1992	43,200	5.07	219,000	TON	103.00		22,585,000
	1991	35,100	4.67	164,000	TON	106.00		17,371,000
HAY, ALL	1992	71,900	7.77	559,000	TON	87.00		48,466,000
	1991	75,600	6.67	504,000	TON	89.00		44,749,000
ALFALFA	1992	63,500	8.33	529,000	TON	89.00	46,941,000	
	1991	64,500	7.30	471,000	TON	91.00	42,760,000	
OTHER	1992	8,350	3.60	30,100	TON	50.70	1,525,000	
	1991	11,100	2.96	32,900	TON	60.00	1,989,000	
OATS	1992	900	3.00	2,700	TON	60.00		162,000
	1991	920	2.28	2,100	TON	54.30		114,000
PASTURE & RANGE	1992	174,000			ACRE	39.00		6,793,000
	1991	175,000			ACRE	39.90		6,988,000
IRRIGATED	1992	25,500			ACRE	150.00	3,824,000	
	1991	25,800			ACRE	150.00	3,862,000	
OTHER	1992	148,000			ACRE	20.00	2,969,000	
	1991	149,000			ACRE	21.00	3,126,000	
RICE	1992	4,960	4.01	19,900	TON	150.00		2,978,000
	1991	4,960	4.17	20,700	TON	152.00		3,143,000
SAFFLOWER	1992	12,200	1.54	18,800	TON	303.00		5,693,000
	1991	5,050	1.62	8,200	TON	268.00		2,200,000
SILAGE, CORN	1992	24,200	25.1	608,000	TON	16.40		9,942,000
	1991	21,500	26.9	579,000	TON	18.20		10,510,000
SILAGE, OTHER INCLUDES GREEN CHOP	1992	24,100	15.1	365,000	TON	17.40		6,368,000
	1991	23,500	12.7	299,000	TON	18.10		5,404,000
SORGHUM, GRAIN	1992	172	3.63	625	TON	90.00		56,300
	1991	393	2.19	860	TON	88.00		76,000
SUGAR BEETS	1992	22,000	27.2	598,000	TON	37.50		22,405,000
	1991	25,400	22.2	565,000	TON	37.10		20,970,000

FIELD CROPS (CONT.)

CROP	YEAR	PRODUCTION			GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL
SUNFLOWERS	1992	2,030	1.00	2,020	TON	\$484.00	\$977,000
	1991	3,540	1.16	4,090	TON	480.00	1,964,000
WHEAT	1992	48,200	2.78	134,000	TON	115.00	15,375,000
	1991	35,900	2.73	98,000	TON	103.00	10,113,000
TOTAL	1992	451,000					\$155,454,000
	1991	435,000					\$138,991,000

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	1992	960	18.0	17,400	CWT	\$44.00	\$767,000
	1991	1,600	19.3	30,900	CWT	37.90	1,172,000
LIGHT RED KIDNEY	1992	810	21.0	17,000	CWT	39.00	664,000
	1991	830	21.1	17,500	CWT	34.90	611,000
GRAIN SEED	1992	470	5,550	2,607,000	LBS	0.08	209,000
	1991	670	5,790	3,880,000	LBS	0.08	310,000
POTATOES, SEED	1992	440	295	130,000	CWT	10.98	1,428,000
	1991	300	230	69,000	CWT	9.30	639,000
VEGETABLE SEED	1992	462					820,000
	1991	435					1,147,000
MISCELLANEOUS SEED CLOVER, SUDAN & ETC.	1992	1,090					777,000
	1991	1,080					660,000
TOTAL	1992	4,230					\$4,665,000
	1991	4,920					\$4,539,000

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FRUIT AND NUT CROPS

CROP	YEAR	PRODUCTION				GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ALMOND, MEATS	1992	34,400	0.65	22,400	TON	\$2,460.00		\$55,006,000
	1991	33,600	0.51	17,100	TON	2,150.00		36,780,000
ALMOND, HULLS	1992			55,100	TON	62.00		3,415,000
	1991			50,000	TON	53.00		2,647,000
APPLES	1992	1,800	13.0	23,400	TON	535.00		12,519,000
	1991	1,800	16.7	30,100	TON	380.00		11,423,000
APRICOTS	1992	2,710	7.00	18,900	TON	271.00		5,123,000
	1991	2,650	6.94	18,400	TON	237.00		4,369,000
CHERRIES, ALL	1992	7,330	3.79	27,800	TON	2,140.00		59,595,000
	1991	7,440	3.83	28,500	TON	1,880.00		53,672,000
FRESH	1992			22,500	TON	2,480.00	\$55,864,000	
	1991			21,000	TON	2,330.00	48,859,000	
PROCESSING	1992			5,320	TON	701.00	3,731,000	
	1991			7,480	TON	643.00	4,813,000	
GRAPES, ALL	1992	43,800	7.74	339,000	TON	289.00		97,888,000
	1991	46,300	7.02	325,000	TON	257.00		83,574,000
TABLE, ALL	1992	10,400	6.57	68,300	TON	165.00	11,270,000	
	1991	12,700	5.76	73,200	TON	146.00	10,687,000	
TOKAY, ALL	1992	10,300	6.90	71,100	TON	164.00	11,662,000	
	1991	12,400	5.73	71,000	TON	146.00	10,388,000	
FRESH	1992			627	TON	609.00	382,000	
	1991			980	TON	630.00	619,000	
CRUSHED	1992			70,500	TON	160.00	11,280,000	
	1991			69,600	TON	140.00	9,769,000	
WINE, ALL	1992	33,400	8.11	271,000	TON	320.00	86,618,000	
	1991	33,600	7.50	252,000	TON	289.00	72,887,000	
FRESH	1992			10,400	TON	410.00	4,267,000	
	1991			13,800	TON	397.00	5,470,000	
CRUSHED	1992			261,000	TON	316.00	82,351,000	
	1991			238,000	TON	283.00	67,417,000	
PEACHES, ALL	1992	2,400	18.1	43,500	TON	246.00		10,695,000
	1991	2,380	18.8	44,700	TON	238.00		10,646,000
CLINGSTONE	1992	1,950	19.0	37,000	TON	223.00	8,248,000	
	1991	1,930	19.3	37,300	TON	223.00	8,313,000	
FREESTONE	1992	454	14.2	6,450	TON	379.00	2,447,000	
	1991	447	16.5	7,380	TON	316.00	2,333,000	
PEARS	1992	680	15.3	10,400	TON	209.00		2,169,000
	1991	710	17.8	12,600	TON	222.00		2,802,000

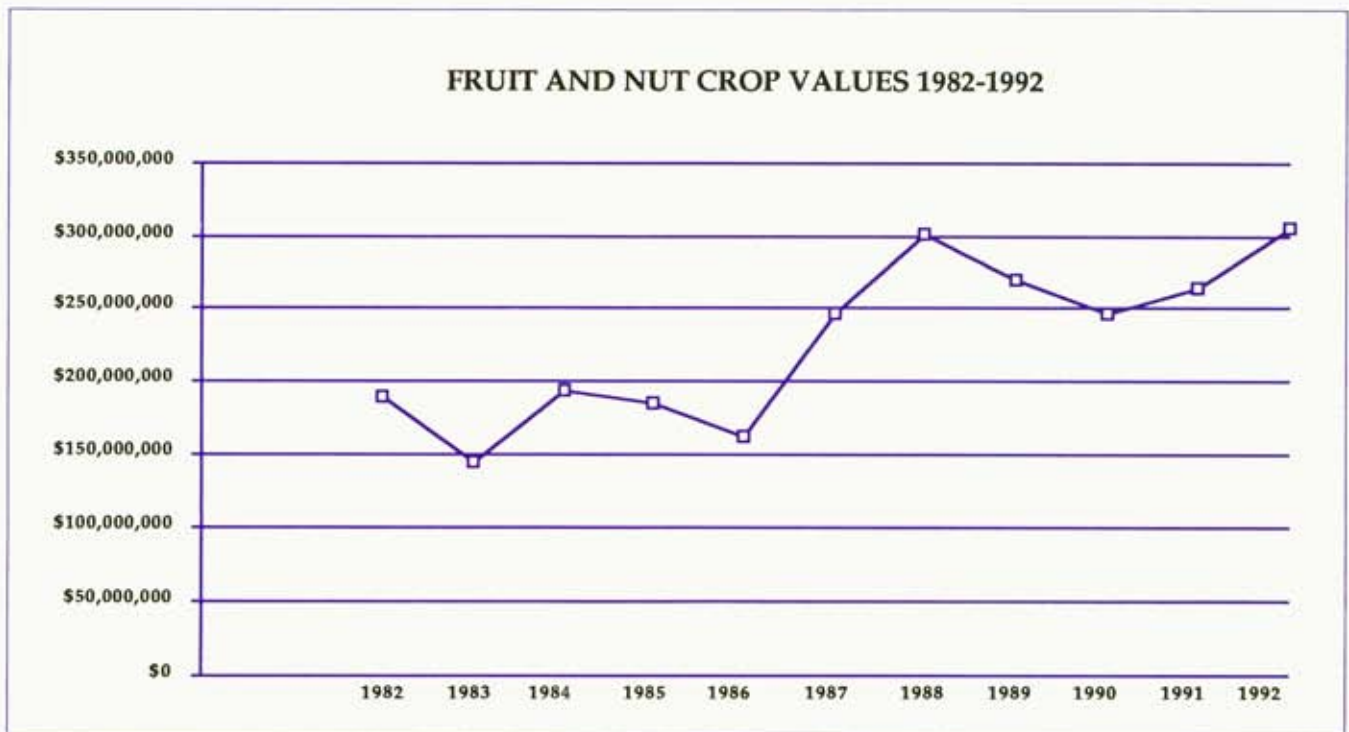
FRUIT AND NUT CROPS (CONT.)

CROP	YEAR	PRODUCTION				GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL UNIT	PER UNIT	SUBTOTAL	TOTAL	
WALNUTS, ENGLISH	1992	28,800	1.40	40,400	TON	\$1,400.00		\$56,544,000
	1991	28,000	1.75	49,000	TON	1,100.00		53,910,000
MISCELLANEOUS	1992							3,844,000
	1991							3,217,000
TOTAL	1992	123,000						\$306,798,000
	1991	124,000						\$263,040,000

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 6 years have seen a substantial increase with values holding in the 250 to 300 million dollar range. The 1992 total of almost \$307,000,000 is an all time high.



VEGETABLE CROPS

CROP	YEAR	PRODUCTION				GROSS VALUE		
		HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	SUBTOTAL	TOTAL
ASPARAGUS	1992	16,500	1.45	23,900	TON	\$1,690.00		\$40,433,000
	1991	18,700	1.44	26,900	TON	1,340.00		36,084,000
CAULIFLOWER	1992	740	4.50	3,310	TON	510.00		1,687,000
	1991	560	2.95	1,650	TON	350.00		578,000
CUCUMBERS	1992	2,310	15.5	35,900	TON	164.00		5,876,000
	1991	1,610	15.4	24,800	TON	161.00		4,002,000
MELONS, ALL	1992	2,320	17.1	39,600	TON	117.00		4,638,000
	1991	2,410	12.0	28,900	TON	81.00		2,352,000
WATERMELONS	1992	1,980	18.1	35,900	TON	114.00	\$4,085,000	
	1991	1,430	13.8	19,700	TON	79.00	1,552,000	
OTHER	1992	344	10.8	3,710	TON	149.00	553,000	
	1991	978	9.40	9,190	TON	87.10	800,000	
ONIONS, DRY	1992	2,650	23.5	62,400	TON	190.00		11,831,000
	1991	2,020	23.1	46,700	TON	220.00		10,273,000
PEPPERS	1992	3,730	15.6	58,200	TON	257.00		14,979,000
	1991	3,990	11.7	46,600	TON	303.00		14,099,000
POTATOES	1992	2,210	320	708,000	CWT	7.94		5,625,000
	1991	2,660	330	879,000	CWT	8.40		7,426,000
PUMPKINS	1992	2,310	8.90	20,500	TON	129.00		2,647,000
	1991	1,820	10.7	19,400	TON	92.80		1,800,000
TOMATOES, ALL	1992	19,900	29.4	585,000	TON	95.99		56,156,000
	1991	29,600	26.3	778,000	TON	90.70		70,558,000
SHIPPING	1992	6,600	12.5	82,500	TON	389.00	32,088,000	
	1991	7,980	12.7	102,000	TON	324.00	32,969,000	
PROCESSING	1992	13,300	37.7	502,000	TON	47.90	24,068,000	
	1991	21,600	31.3	676,000	TON	55.60	37,589,000	
MISCELLANEOUS VEGETABLES	1992	3,530						5,979,000
	1991	3,080						7,316,000
TOTAL	1992	56,200						\$149,851,000
	1991	66,400						\$154,488,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

NURSERY PRODUCTS

ITEM	YEAR	QUANTITY		GROSS VALUE	
		PRODUCERS	UNIT	TOTAL	
GRAPEVINES, STRAWBERRY PLANTS, FRUIT & NUT TREES	1992	62,227,000	PLANT	\$3,940,000	
	1991	49,150,000	PLANT	3,040,000	
VEGETABLE PLANTS	1992	80,565,000	PLANT	2,307,000	
	1991	90,669,000	PLANT	3,197,000	
FLOWERING POTTED PLANTS	1992	3,542,000	EACH	9,173,000	
	1991	3,598,000	EACH	10,230,000	
FOLIAGE PLANTS	1992	5,026,000	EACH	8,430,000	
	1991	4,085,000	EACH	7,275,000	
BEDDING PLANTS	1992	997,000	PKG	4,765,000	
	1991	950,000	PKG	6,851,000	
WOODY ORNAMENTALS	1992	1,329,000	EACH	4,828,000	
	1991	3,024,000	EACH	11,119,000	
CHRISTMAS TREES	1992	6,420	EACH	122,000	
	1991	7,390	EACH	149,000	
BULBS, RHIZOMES, TURF, CACTUS, ETC.	1992	13,614,000		5,136,000	
	1991	14,689,000		4,720,000	
TOTAL	1992			\$38,701,000	
	1991			\$46,581,000	

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APIARY PRODUCTS

CROP	YEAR	PRODUCTION	UNIT	PER	TOTAL
				UNIT	
HONEY	1992	374,000	LBS	\$0.55	\$206,000
	1991	363,000	LBS	0.54	195,000
POLLINATION	1992	79,500	HIVE	26.00	2,064,000
	1991	74,300	HIVE	26.80	1,990,000
TOTAL	1992				\$2,270,000
	1991				\$2,185,000

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LIVESTOCK AND POULTRY

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1992	152,000	546,000	CWT	\$67.00	\$36,575,000
	1991	155,000	570,000	CWT	73.20	41,719,000
SHEEP & LAMBS	1992	35,600	35,200	CWT	55.50	1,953,000
	1991	34,300	33,900	CWT	47.20	1,600,000
HOGS & PIGS	1992	6,320	6,710	CWT	65.00	436,000
	1991	5,100	5,420	CWT	79.90	433,000
BROILERS, FRYERS, DUCKS & RABBITS	1992	1,320,000	5,690,000	LBS	0.71	4,047,000
	1991	1,845,000	8,553,000	LBS	0.48	4,071,000
OTHER CHICKENS & PULLETS	1992	2,731,000		EACH	0.31	845,000
	1991	2,063,000		EACH	0.22	454,000
TURKEYS	1992	187,000	2,852,000	LBS	0.38	1,087,000
	1991	250,000	3,812,000	LBS	0.34	1,286,000
TOTAL	1992					\$44,943,000
	1991					\$49,563,000

NUMBERS MAY NOT COMPUTE EXACTLY DUE TO ROUNDING

LIVESTOCK AND POULTRY PRODUCTS

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL
MILK, ALL	1992	14,480,000	CWT	\$11.60		\$167,982,000
	1991	13,973,000	CWT	11.10		155,762,000
MARKET	1992	14,293,000	CWT	11.60	\$165,938,000	
	1991	13,756,000	CWT	11.20	153,512,000	
MANUFACTURING	1992	187,000	CWT	10.90	2,044,000	
	1991	217,000	CWT	10.40	2,250,000	
WOOL	1992	224,000	LBS	0.75		168,000
	1991	212,000	LBS	0.63		133,000
EGGS, CHICKEN	1992	66,163,000	DOZ	0.45		29,745,000
	1991	49,572,000	DOZ	0.57		28,303,000
MANURE	1992	399,000	TON	4.30		1,720,000
	1991	127,000	TON	3.24		412,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1992					217,000
	1991					616,000
TOTAL	1992					\$199,832,000
	1991					\$185,226,000

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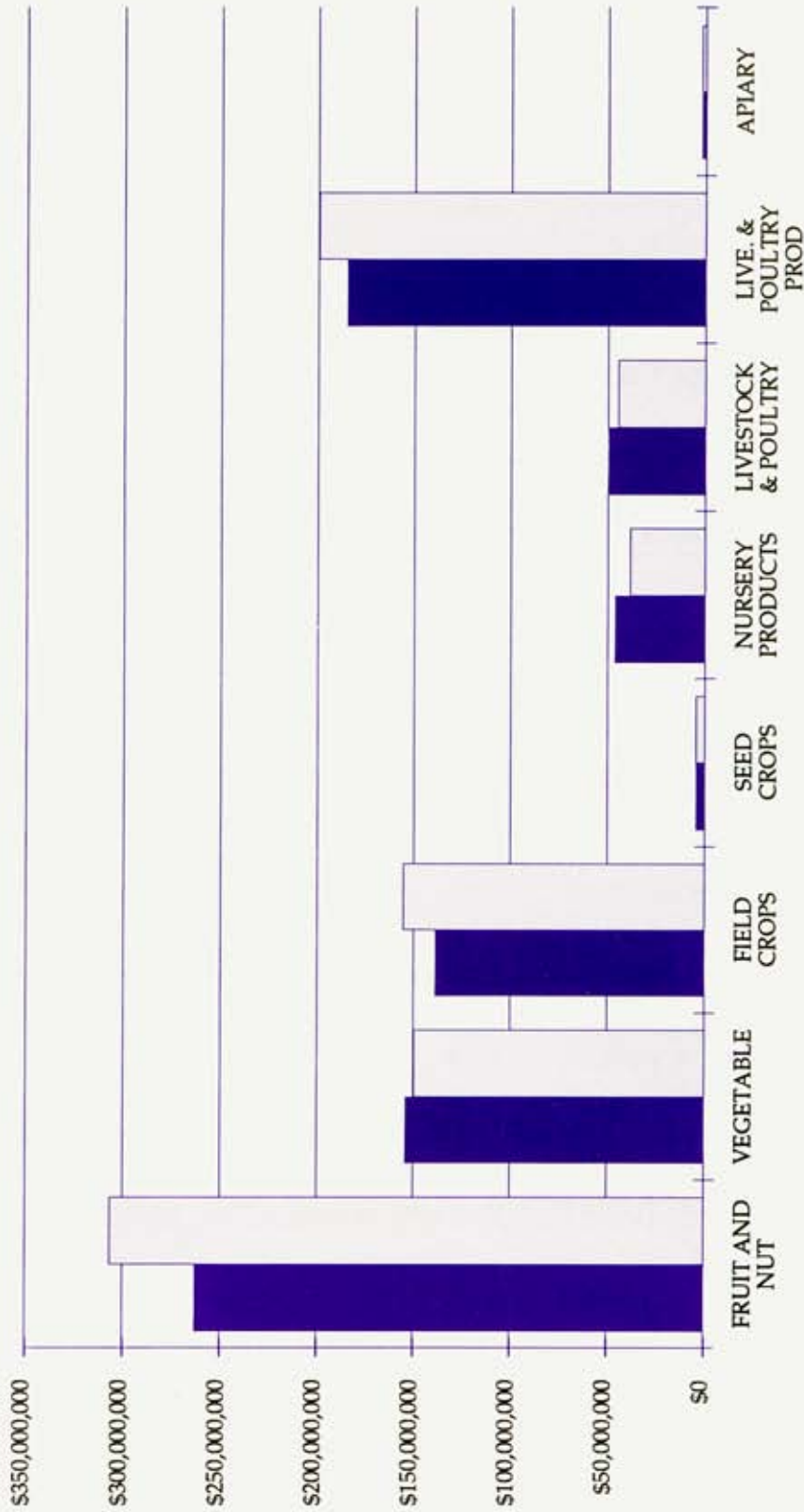
DAIRY FACTS



- Milk is the largest single agricultural commodity in California.
- The average Californian drinks 27 gallons of fluid milk per year.
- Fluid milk uses up only one third of the California production. The rest goes to the dairy manufacturing industry to produce products such as cheese, butter, ice cream, etc.
- The milk produced in a year by the average dairy cow is sufficient to provide for the annual dairy product needs of approximately 26 people.
- Whole milk is about 4% fat.
- The average cow produces almost 19,000 pounds, or 2,200 gallons of milk per year.
- Some cows have produced as much as 35,000 pounds of milk in a single year - that is enough to provide the dairy needs of fifty people for a year.
- Feed costs constitute 50-60% of the total cost of milk production.
- There were about 70,000 dairy cows in San Joaquin County in 1992.
- San Joaquin County cows produced over 167 million gallons of milk in 1992.
- Today's milking machines take about 5-7 minutes to milk out a cow.

CROP CATEGORY GROSS VALUES

■ 1991 □ 1992



TOTAL VALUE 1991 \$844,613,000

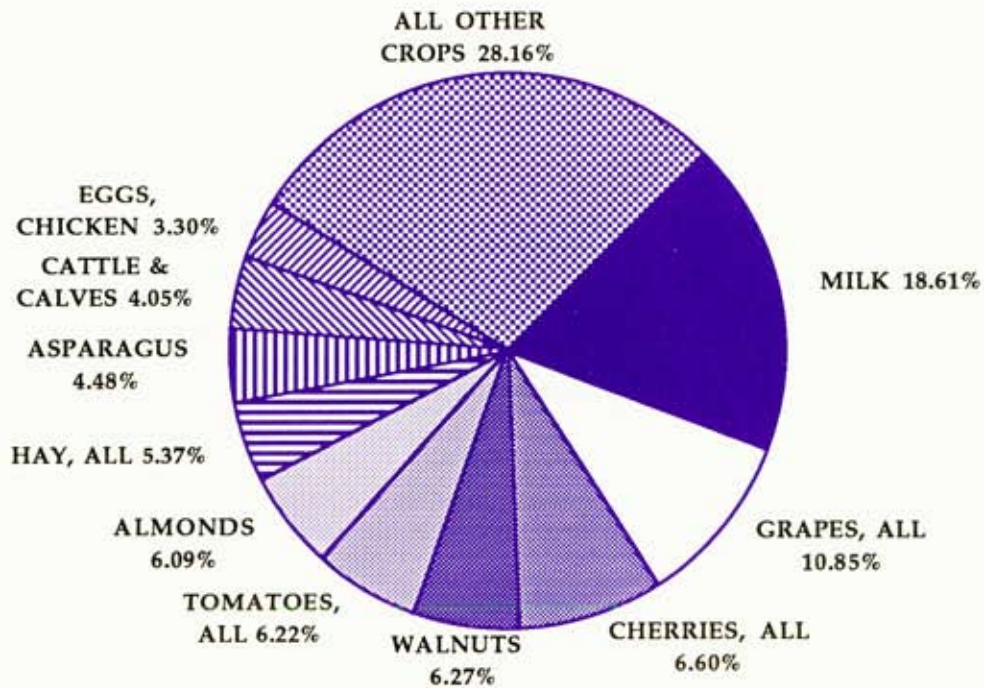
TOTAL VALUE 1992 \$902,514,000

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

MILK, ALL	\$167,982,000
GRAPES, ALL	97,888,000
CHERRIES, ALL	59,595,000
WALNUTS, ENGLISH	56,544,000
TOMATOES, ALL	56,156,000
ALMOND MEATS	55,006,000
HAY, ALL	48,466,000
ASPARAGUS	40,433,000
CATTLE & CALVES	36,575,000
EGGS, CHICKEN	29,745,000

ALL OTHER CROPS	\$254,124,000
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SAN JOAQUIN COUNTY'S TEN LEADING CROPS



SAN JOAQUIN COUNTY SUSTAINABLE AGRICULTURE



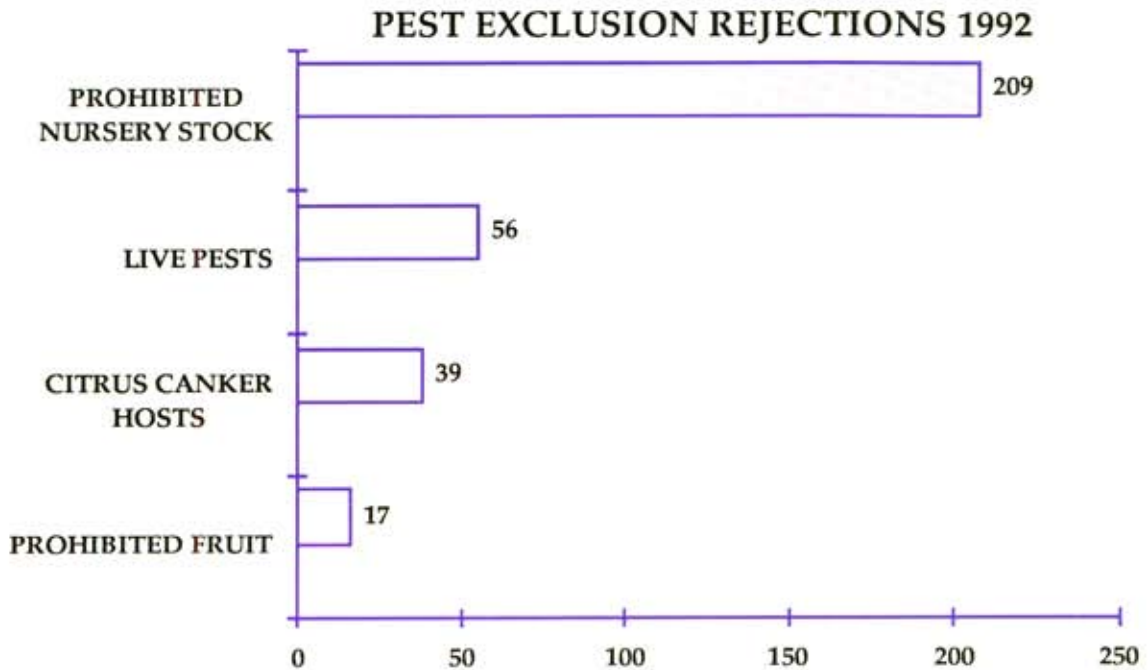
1992



BIOLOGICAL CONTROL

PEST	CONTROL ORGANISM	SCOPE OF PROGRAM
Yellowstar thistle <i>Centaurea solstitialis</i>	Seed-head weevil <i>Bangasternus orientalis</i>	4 sites
	Seed-head fly <i>Urophora sirunaseva</i>	1 site
Water Hyacinth <i>Eichornia crassipes</i>	Hyacinth weevils <i>Neohetina eichorniae</i>	1 site
	<i>Neochetina bruchii</i>	
	Hyacinth Moth <i>Sameodes albiguttalis</i>	
Puncturevine <i>Tribulus terrestris</i>	Puncturevine weevil <i>Microlarinus lareynii</i>	countywide
	<i>Microlarinus hyperformis</i>	
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</i> spp.	limited
Ash Whitefly <i>Siphoninus phillyreae</i>	Encarsia Wasp <i>Encarsia partenopea</i>	countywide
	Ladybird beetle <i>Clitostethus arcuatus</i>	3 sites
Greenhouse Whitefly <i>Trialeurodes vaporariorum</i>	Ladybird beetle <i>Clitostethus arcuatus</i>	1 site
Cottonycushion scale <i>Icerya purchasi</i>	Vedalia beetle <i>Rodalia cardinalis</i>	countywide
	Parasitic fly <i>Cryptochaetum iceryae</i>	
Greenhouse pests Greenhouse whitefly Fungus gnats Two-spot mites	Wasp, <i>Encarsia formosa</i>	2 sites
	Nematode, <i>Steinernema feltiae</i>	2 sites
	Predator mite, <i>Phytoseiulus</i> sp.	2 sites
	Predator mite <i>Metaseiulus occidentalis</i>	2 sites





NUMBERS OF REJECTIONS

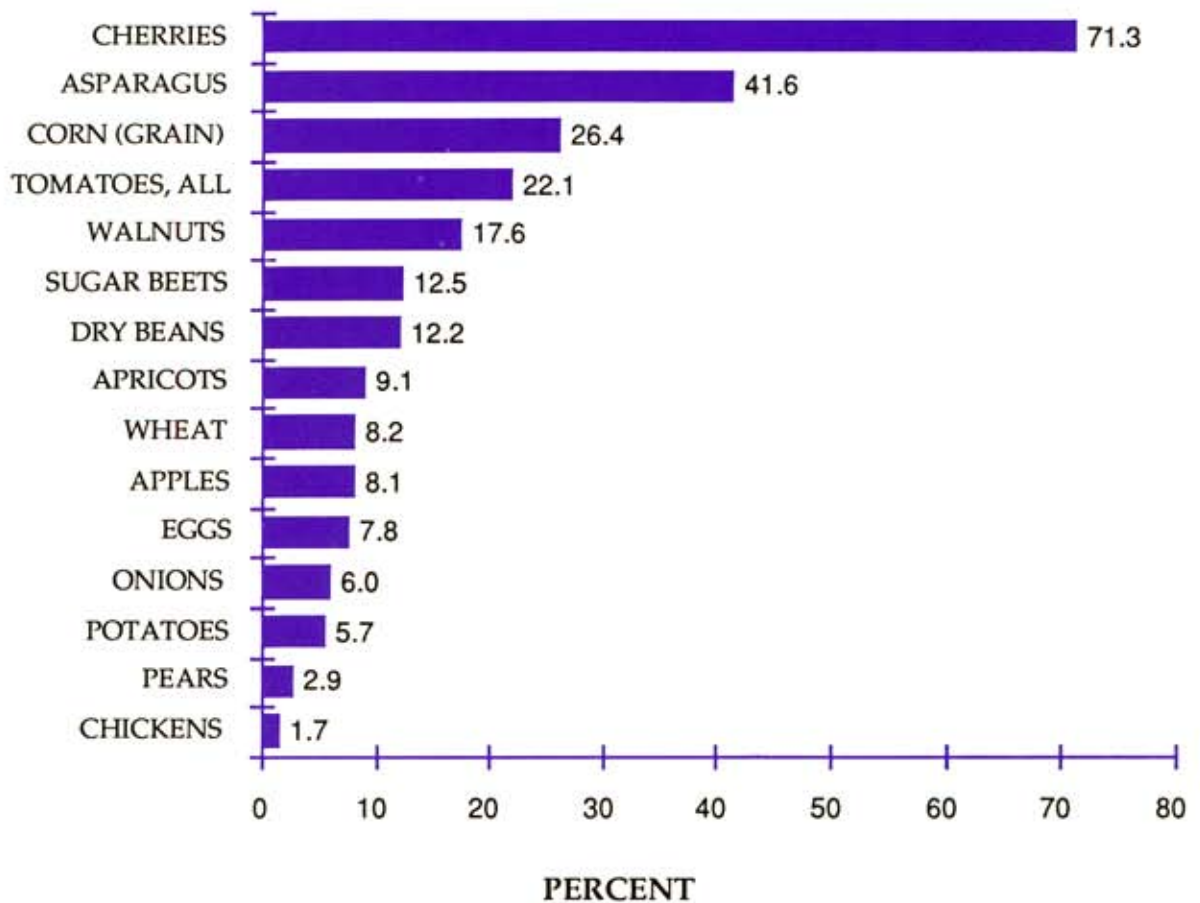
THE ABOVE GRAPH DEPICTS THE NUMBER OF EXCLUSION REJECTIONS ISSUED ON SHIPMENTS IN VIOLATION OF CALIFORNIA QUARANTINES . THE REJECTED MATERIALS WERE DESTROYED. ALL SHIPMENTS OF PLANT MATERIAL ENTERING SAN JOAQUIN COUNTY ARE INSPECTED AS A RESULT OF THE AGRICULTURAL COMMISSIONERS' PEST EXCLUSION PROGRAM.

ORGANIC FARMING IN SAN JOAQUIN COUNTY

<u>NUMBER REGISTERED</u>	<u>CROP CATEGORY</u>	<u>ACRES FARMED</u>
6	VEGETABLES	110
	FRUIT AND NUTS	190

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 1991 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 (1992)	509,000
POPULATION PER SQUARE MILE	351
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

