

SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

1988 ANNUAL CROP REPORT

E. B. EBY Agricultural Commissioner

Compiled by
Barbara Huecksteadt
Agricultural Inspector I

BOARD OF SUPERVISORS

WILLIAM N. SOUSA	District 1
DOUGLASS W. WILHOIT	District 2
EDWARD A. SIMAS	District 3
GEORGE L. BARBER	District 4
EVELYN L. COSTA, Chairman	District 5

DAVID D. ROWLANDS, JR. County Administrator



OFFICE OF THE

SAN JOAQUIN COUNTY

AGRICULTURAL COMMISSIONER

POST OFFICE BOX 1809 STOCKTON, CALIFORNIA 95201 PHONE (209) 468-3300

MAIN OFFICE . STOCKTON 1868 E. HAZELTON AVE.

210 N. SACRAMENTO ST.

MANTECA OFFICE 392 S. MOFFATT BLVD.

TRACY DEFICE 503 E. IOTH STREET

ESCALON OFFICE 1540 RODSEVELT ST.

MARY R. JENSEN SST. AGRICULTURAL COMMISSIONER ST. SEALER OF WEIGHTS & MEASURES

> TO JACK PARNELL, DIRECTOR CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE AND THE HONORABLE BOARD OF SUPERVISORS SAN JOAOUIN 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-fifth Annual 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 market 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 the growers.

The gross value for agricultural production for 1988 in San Joaquin County is estimated to be \$890,046,000. This is an increase of \$143,811,000 from the revised estimate for 1987 of \$746,235,000. The individual commodity showing the most significant increase was grapes. From 1987 to 1988 there was a 54% increase in wine grape prices. Zinfandel grapes were in the forefront, fetching up to \$1,000/ton, while Chardonnays and other white varietals brought up to \$600/ton.

Field crops and vegetable crops brought improved prices in 1988 due to the drought conditions in the drought-stricken regions of the Mid-west and Showing significant increases in gross value were wheat, oats, South. alfalfa hay, beans and corn. Export gains in asparagus and cherries added to these gross values significantly, and should continue to contribute to a positive agricultural trend.

Crops showing marked decreases in gross value from 1987 were livestock and poultry, almonds, walnuts and processing tomatoes. Adverse weather conditions affected nut crop set. Drought conditions caused setbacks in tomatoes. The livestock and poultry industry experienced a dip in gross value because of rising feed costs and trade problems associated with the European Common Market.

1 wish to express my sincere appreciation for all who assisted my inspectors and deputies by furnishing the necessary information which made this report possible.

Respect

Agricultural Commissioner

submitted.

AGRICULTURAL COMMISSIONER

ERWIN B. EBY

ASSISTANT AGRICULTURAL COMMISSIONER

MARY R. JENSEN

STOCKTON OFFICE

Dr. Kirby Brown David Frieders Jack Gianelli Scott Hudson Donald Shephard Robert Croce Charles Davenport Douglas Mattes Thomas Watkins Arthur Moretto Jim Allan Barbara Huecksteadt Milton O'Haire Sue Williamson May Saiki Louise Pulliam Judy Gaut Marie Westerman Merle Worthen David Kehler John Loney Clint McCarty Frank Ramalho Jerry Tarwater

Economic Entomologist Deputy Agricultural Commissioner Deputy Agricultural Commissioner Deputy Agricultural Commissioner Systems & Procedures Analyst II Senior Agricultural Inspector Senior Agricultural Inspector Senior Agricultural Inspector Senior Agricultural Inspector Plant Nematologist Agricultural Inspector I Agricultural Inspector I Agricultural Pest Surveyor Agricultural Pest Surveyor Account Technician II Clerk Typist III 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
Don Fehling

Deputy Agricultural Commissioner Senior Agricultural Inspector Senior Agricultural Inspector Agricultural Inspector I Clerk Typist II Pest Abatement Operator II

SOUTHERN DIVISION

Norman Daveluy
Daniel Giesing
Vicki Helmar
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

FOOD SAFETY

This year will undoubtedly be remembered as the year in which food safety became a major concern of the public. Reports concerning Alar on apples and adulterated Chilean fruit served to heighten public awareness and concern over the safety of their fresh food supply. Ironically, at the very same time, the National Academy of Sciences released a 1400 page report strongly encouraging the public to double their consumption of fresh fruits and vegetables.

California has long had the well deserved reputation of having the toughest regulations concerning food safety and pesticide usage in the world. California's strong pesticide regulatory program is administered jointly throughout the state by the California Department of Food and Agriculture and the county Agricultural Commissioners. This program utilizes over 650,000 staff hours annually to make certain that pesticides are being used legally and safely. Food grown under California's tight regulatory program is safe.

This program is not only the toughest state program in existence but has restrictions on pesticides and their usage which exceed the United States Environmental Protection Agency's standards. While these restrictions substantially increase the cost of agricultural production for California producers over products grown in other states and countries, they provide top protection to farm workers, the environment and consumers of California products. California has long been on the leading edge in developing programs to regulate pesticides and quite often the E.P.A. adopts its pesticide programs based on California's leadership.

California's pesticide residue sampling for agricultural products is by far the most extensive program anywhere. The number of residue samples analyzed in this program not only exceeds the total number of samples of all other state programs combined but also exceeds the total number of samples analyzed by the U.S. Food and Drug Administration for the entire nation. Because this program is cooperatively administered by a system of county and state regulatory agencies, it affords a timely response in sampling, analyzing and quarantining any product not meeting the high standards established to insure its safety.

While agricultural producers must bear the increased burden of trying to produce top quality products under increasingly tighter restrictions, California's leadership has determined that affording this level of protection is the cost of doing business in California.

Other states and countries would be well advised to afford their citizens and environments California's level of protection.

		HARVESTED	PRODUCTION PER			PER	GROS	S VALUE
CROP	YEAR	ACREAGE	ACRE	TOTAL	UNIT	UNIT	SUBTOTAL	TOTAL
BARLEY	1988 1987	5,320 6,370	2.28 2.39	12,100 15,200	TON \$	101.00 92.10		1,225,000
BEANS, DRY, ALL **	1988 1987	24,300 20,600	1.07	26,100 21,800	TON TON	729.00 557.00		19,013,000 12,144,000
BEANS, BLACKEYE	1988 1987	2,770 4,390	0.96 0.78	2,650 3,440	TON TON	662.00 433.00	\$ 1,753,000 1,491,000	
BEANS, KIDNEY	1988 1987	14,300 11,000	1.07	15,400 11,900	TON TON	713.00 598.00	10,986,000 7,118,000	
BEANS, LIMA (FIELD)	1988 1987	7,210 5,170	1.12 1.25	8,040 6,460	TON TON	780.00 546.00	6,274,000 3,527,000	
CORN	1988 1987	44,600 51,700	4.47 4.70	199,000 243,000	TON TON	116.00 84.00		23,150,000 20,424,000
HAY, ALL	1988 1987	74,000 65,100	6.79 6.29	502,000 409,000	TON TON	86.70 77.10		43,516,000 31,550,000
HAY, ALFALFA	1988 1987	65,400 54,800	7.14 6.79	467,000 372,000	TON TON	88.90 80.00	41,505,000 29,749,000	
HAY, OTHER	1988 1987	8,560 10,300	4.09 3.63	35,000 37,400	TON TON	57.50 48.20	2,011,000 1,801,000	
OATS	1988 1987	3,530 3,620	2.41	8,490 3,950	TON TON	86.60 127.00		735,000 502,000
PASTURE & RANGE	1988 1987	170,000 171,000			ACRE ACRE	39.90 40.50		6,790,000 6,901,000
PASTURE, IRRIGATED	1988 1987	31,200 30,600			ACRE	140.00 128.00	4,367,000 3,926,000	
PASTURE, OTHER	1988 1987	139,000 140,000			ACRE ACRE	17.40 21.30	2,423,000 2,975,000	
RICE	1988 1987	4,460 4,320	3.54 2.49	15,800 10,700	TON TON	136.00 131.00		2,146,000 1,397,000
SAFFLOWER	1988 1987	10,200 3,840	1.32 1.15	13,400 4,410	TON TON	269.00 210.00		3,609,000 925,000
SILAGE, CORN	1988 1987	22,200 21,200	22.90 26.60	509,000 563,000	TON TON	20.20 15.40		10,286,000 8,681,000
SILAGE, OTHER INCLUDING GREEN CHOP	1988 1987	14,700 15,300	13.10 11.90	192,000 183,000	TON TON	14.00 18.10		2,697,000 3,314,000
SORGHUM, GRAIN	1988 1987	338 265	2.50 2.50	845 663	TON TON	85.00 84.90		71,800 56,300
SUGAR BEETS	1988 1987	32,400 36,800	26.90 27.50	871,000 1,013,000	TON TON	37.40 33.80	*	32,568,000 34,286,000
SUNPLOWERS	1988 1987	3,030 5,670	0.91 0.84	2,760 4,740	TON TON	409.00 376.00		1,128,000
WHEAT	1988 1987	42,800 41,000	2.95 2.77	126,000 114,000	TON TON	108.00 86.50		13,633,000 9,862,000
TOTAL	1988 1987	452,000 446,000						160,568,000 133,216,000

^{*} Revised.

** Figures include miscellaneous other beans in totals.

Numbers may not compute exactly due to rounding.

ಕ್ರಿಕ್ FRUIT & NUT CROPS ಹಿಡಿಕಿಕ್ಕ್ ಹಿಡಿಕಿಕ್

		HARVESTED	NON- BEARING	PER	PRODUCTION		PER	GROSS VALU	JE
CROP	YEAR	ACREAGE	ACREAGE	ACRE	TOTAL	UNIT		SUBTOTAL	TOTAL
ALMOND, MEATS	1988 1987	36,800 36,200	1,790 1,960	0.70	25,800 29,700	TON	\$2,080.00	115 7	53,645,000 60,849,000
ALMOND, HULLS	1988 1987				51,900 59,200	TON	61.50 37.50		3,192,000 2,219,000
APPLES	1988 1987	1,670 1,400	540 328	10.90 13.80	18,100 19,300	TON TON	423.00 335.00		7,665,000 6,458,000
APRICOTS	1988 1987	2,840 2,940	104 158	11.50 6.04	32,700 17,800	TON	256.00 296.00		8,370,000 5,264,000
CHERRIES, ALL	1988 1987	7,100 7,170	919 865	5.52 5.52	39,200 39,600	TON	1,680.00		65,934,000 54,809,000
CHERRIES, FRESH MARKET	1988 1987				33,700 30,400	TON TON	1,890.00 1,670.00	\$ 63,758,000 50,678,000	
CHERRIES, PROCESSING	1988 1987				5,520 9,200	TON TON	394.00 449.00	2,176,000 4,131,000	
GRAPES, ALL	1988 1987	48,500 49,200	270 790	9.43 6.46	457,000 318,000	TON	332.00 205.00		151,751,000 65,129,000
TABLE, ALL	1988 1987	17,400 17,800		10.50 5.90	183,000 105,000	TON TON	151.00 156.00	27,657,000 16,428,000	
TOKAY, ALL **	1988 1987	17,200 17,500	249 463	10.60 5.94	182,000 104,000	TON	J52.00 157.00	27,593,000 16,331,000	
TOKAY FRESH	1988 1987				2,320 3,570	TON TON	623.00 609.00	1,446,000 2,174,000	
TOKAY CRUSHED	1988 1987				180,000 100,000	TON TON	145.00 142.00	26,147,000 14,157,000	
WINE, ALL	1988 1987	31,100 31,400	2,000 2,300	8.81 6.78	274,000 213,000	TON	453.00 229.00	124,094,000 48,701,000	
WINE PRESH	1988 1987				9,400 9,340	TON	416.00 406.00	3,914,000 3,792,000	
WINE CRUSHED	1988 1987				265,000 204,000	TON	454.00 220.00	120,180,000	
PEACHES, ALL	1988 1987	2,190 2,250	252 215	16.80 15.80	36,800 35,400	TON TON	205.00 212.00		7,557,000 7,500,000
PEACHES, CLINGSTONE	1988 1987	1,780 1,790	207 175	17.50 16.90	31,100 30,300	TON TON	196.00 185.00	6,101,000 5,620,000	
PEACHES, FREESTONE	1988 1987	411 455	45 40	13.80 11.30	5,680 5,120	TON	256.00 367.00	1,456,000 1,880,000	
PEARS	1988 1987	632 634	32 15	16.00 14.00	10,100 8,860	TON	195.00 170.00		1,972,000
WALNUTS, ENGLISH	1988 1987	25,764 24,314	4,086 4,478	1.37	35,300 41,100	TON	985.00 995.00		34,767,000 40,885,000
MISCELLANEOUS	1988 1987								2,704,000 2,453,000
TOTAL.	1988 1987	126,000 125,000							\$337,557,000 247,068,000

^{**} Data supplied by Tokay Marketing Agreement.

Numbers may not compute exactly due to rounding.

തത VEGETABLE CROPS തതതതതതതതതത

			Propulation					
		HARVESTED	PRODUCTION PER			PER	GROS	S VALUE
CROP	YEAR	ACREAGE	ACRE	TOTAL	UNIT	UNIT	SUB-TOTAL	TOTAL
ASPARAGUS, ALL *	1988 1987	16,800 17,500	1.73 1.50	29,100 26,300	TON TON	\$1,260.00 874.00	\$	36,521,000 22,975,000
ASPARAGUS, FRESH	1988 1987		1.62 1.17	27,200 20,500	TON TON	1,290.00 918.00	\$ 35,190,000 18,817,000	
ASPARAGUS, PROCESSING	1988 1987		0.11 0.33	1,850 5,780	TON	719.00 719.00	1,331,000 4,158,000	
CAULI PLOWER	1988 1987	991 .773	4.99 4.31	4,940 3,340	TON TON	412.00 392.00		2,038,000 1,309,000
CUCUMBERS	1988 1987	2,500 2,610	16.70 19.50	41,700 50,900	TON TON	148.00 140.00		6,161,000 7,137,000
MELONS, ALL	1988 1987	2,020 2,630	17.30 13.60	34,900 35,700	TON TON	89.60 79.90		3,129,000 2,853,000
MELONS, WATERMELONS	1988 1987	1,610 2,060	18.40 14.90	29,600 30,800	TON	90.10 77.80	2,666,000	
MELONS, OTHER	1988 1987	409 571	13.00 8.60	5,330 4,910	TON	86.90 93.00	463,000 457,000	
ONIONS, DRY	1988 1987	1,760 1,700	17.70 22.60	31,200 38,500	TON	136.00 223.00		4,258,000 8,593,000
PEPPERS	1988 1987	3,760 4,020	8.26 9.57	31,100 38,500	TON	243.00 252.00		7,559,000 9,718,000
POTATOES	1988 1987	1,990 1,620	334.00 299.00	665,000 485,000	CWT CWT	11.00 7.49		7,318,000 3,634,000
PUMPKINS	1988 1987	1,930 1,810	16.00 11.50	30,800 20,900	TON TON	100.00 97.60		3,079,000 2,039,000
TOMATOES, ALL	1988 1987	27,200 24,800	23.10 28.90	628,000 715,000	TON TON	99.40 73.70		62,425,000 52,658,000
TOMATOES, SHIPPING	1988 1987	7,800 6,170	10.90 9.54	85,300 58,800	TON TON	413.00 361.00	35,244,000 21,250,000	
TOMATOES, PROCESSING	1988 1987	19,400 18,600	28.00 35.20	543,000 656,000	TON TON	50.10 47.90	27,181,000 31,408,000	
MISCELLANEOUS VEGETABLES	1988 1987	2,580 1,880						3,302,000 2,491,000
TOTAL	1988 1987	61,500 59,300						135,790,000

^{*} Data supplied by California Asparagus Growers Association. Numbers may not compute exactly due to rounding.

			PRODUCTION				GROSS VAL	JE
CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	UNI		TOTAL
BEANS, CERTIFIED SEED * DARK RED KIDNEY	1988 1987	1,260 1,270	17.6 18.8	22,100 23,900	CWT	\$ 40.1 40.0		886,000 956,000
LIGHT RED KIDNEY	1988 1987	2,550 3,040	20.2 20.6	51,500 62,500	CWT	45.7 32.6		2,354,000 2,040,000
POTATOES, SEED	1988 1987	320 640	225.0 250.0	72,000 160,000	CWT CWT	10.5		756,000 1,280,000
VEGETABLE SEED	1988 1987	611 538	551.0 284.0	337,000 153,000	LBS LBS	3.9 7.8		1,340,000 1,194,000
GRAIN SEED	1988 1987	2,260 2,140	3,780.0 3,340.0	8,545,000 7,150,000	LBS LBS	0.1		814,000 834,000
TOTAL	1988 1987	7,000 7,630					s	6,150,000 6,304,000

*** NURSERY PRODUCTS ***********

		QUANTITY			GROSS VALUE
ITEM	YEAR	SOLD BY PRODUCERS	UNIT	PER UNIT	TOTAL
GRAPE VINES, FRUIT & NUT TREES	1988 1987	1,417,000 588,000	PLANT PLANT	\$ 0.83	\$1,183,000 957,000
VEGETABLE PLANTS	1988 1987	101,751,000 86,712,000	PLANT PLANT		2,361,000 2,223,000
FLOWERING POTTED PLANTS	1988 1987	2,497,000 2,038,000	EACH EACH	2.38 1.77	5,936,000 3,608,000
FOLIAGE PLANTS	1988 1987	4,502,000 3,817,000	EACH EACH	1.83	8,239,000 7,973,000
BEDDING PLANTS	1988 1987	1,346,000 3,243,000	PKG. PKG.	2.71 0.85	3,651,000 2,767,000
WOODY ORNAMENTALS	1988 1987	358,000 947,000	EACH EACH		1,646,000 1,549,000
CHRISTMAS TREES	1988 1987	19,200	EACH	18.30	351,000 0
BULBS, RHIZOMES, TURF, CACTUS ETC	1988 1987				5,635,000 4,727,000
TOTAL	1988 1987				\$ 29,002,000 23,804,000

This is the first time that Christmas Trees have been included in this report.

* 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.

COO LIVESTOCK & POULTRY PRODUCTS COCCOCOCO

ITEM	YEAR	NO. HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
CATTLE & CALVES	1988 1987	141,000 160,000	557,000 630,000	CWT CWT	\$ 62.90 58.20	\$ 35,025,000 36,636,000
SHEEP & LAMBS	1988 1987	38,300 33,000	37,800 32,600	CWT	60.10 68.80	2,273,000 2,242,000
HOGS & PIGS	1988 1987	9,850 13,600	10,500 14,500	CWT	58.90 73.50	618,000
BROILERS & FRYERS	1988 1987	900,000	4,050,000 4,185,000	LBS LBS	0.36 0.54	1,458,000 2,260,000
OTHER CHICKENS & PULLETS	1988 1987	4,639,000 4,921,000		EACH EACH	0.19	881,000 966,000
TURKEYS	1988 1987	264,000 250,000	4,024,000 3,805,000	LBS LBS	0.35	1,408,000 1,865,000

TOTAL

1988 1987

1988

1987

\$41,663,000

\$177,166,000 * 175,213,000

00 LIVESTOCK & POULTRY 000000000

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	SUBTOTAL	TOTAL.
MILK, ALL**	1988 1987	569,000 927,000	CWT \$	10.90 11.40		\$136,404,000 135,760,000
MILK, MARKET	1988 1987	12,214,000 11,576,000	CWT CWT	10.90 11.40	\$132,890,000 132,084,000	*
MILK, MANUFACTURING	1988 1987	355,000 351,000	CWT CWT	9.90 10.50	3,514,000 3,676,000	*
WOOL	1988 1987	391,000 337,000	LBS LBS	1.32		516,000 300,000
EGGS, CHICKEN	1988 1987	86,370,000 91,562,000	DOZ DOZ	0.44		38,003,000 38,220,000
MANURE	1988 1987	241,000	TON	3.11		750,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1988 1987					1,493,000

* Revised.

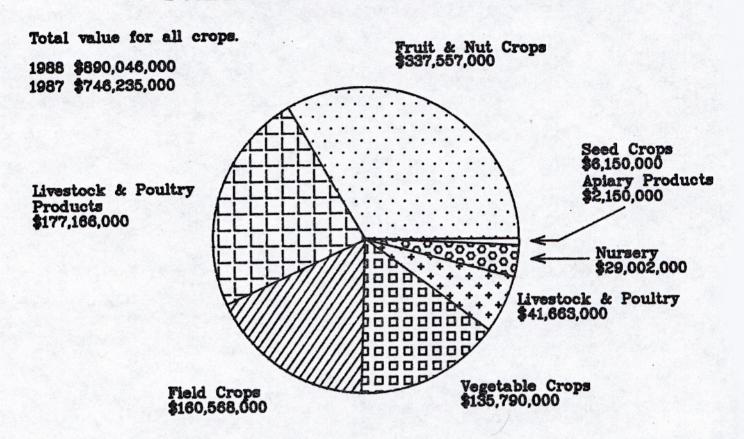
TOTAL.

^{**} Data supplied by California Crop & Livestock Reporting Service.

This is the first year that Manure has been included in this report.

CROP BBB AP	IARY	PRODUCTS	UNIT	PER UNIT	888888	8888	TOTAL
HONEY	1988 1987	262,000 250,000	LBS LBS	\$ 0.62		\$	163,000 125,000
POLLINATION	1988 1987	79,800 79,300	HIVE	24.80 21.50			1,976,000
OTHER APIARY PRODUCTS QUEENS, PACKAGES ETC.	1988 1987						11,400 11,500
TOTAL	1988 1987					s	2,150,000 1,838,000

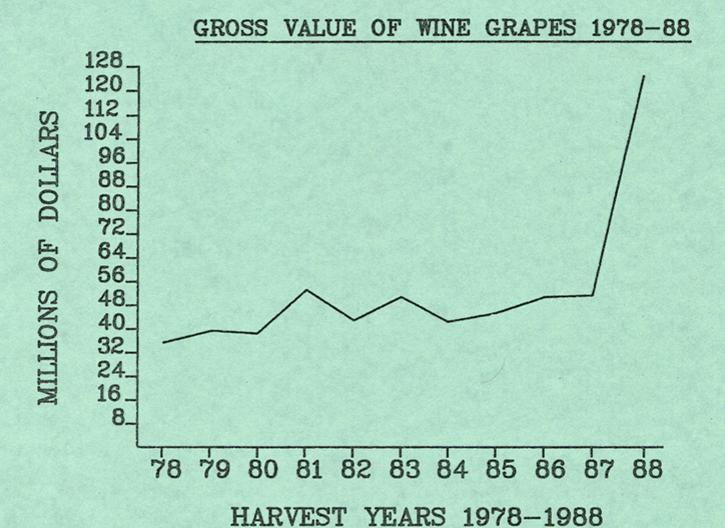
SUMMARY GROSS PRODUCTION VALUE



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

	CROP	1988 VALUE	1987 RANK	1986 RANK	1985 RANK	1984 RANK	1983 RANK
1.	GRAPES, ALL	\$151,751,000	2	2	2	2	2
2.	MILK, ALL	\$136,404,000	1	1	1	1	1
3.	CHERRIES, ALL	\$ 65,934,000	4	13	7	7	11
4.	TOMATOES, ALL	\$ 62,425,000	5	3	3	3	3
5.	ALMOND, MEATS	\$ 53,645,000	3	8	6	5	12
6.	HAY, ALL	\$ 43,516,000	10	6	5	8	5
7.	EGGS, CHICKEN	\$ 38,003,000	7	4	4	4	4
8.	ASPARAGUS, ALL	\$ 36,521,000	11	7	10	11	9
9.	CATTLE & CALVES	\$ 35,025,000	8	5	9	10	6
10.	WALNUTS, ENGLISH	\$ 34,767,000	6	9	11	12	10

\$657,991,000



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