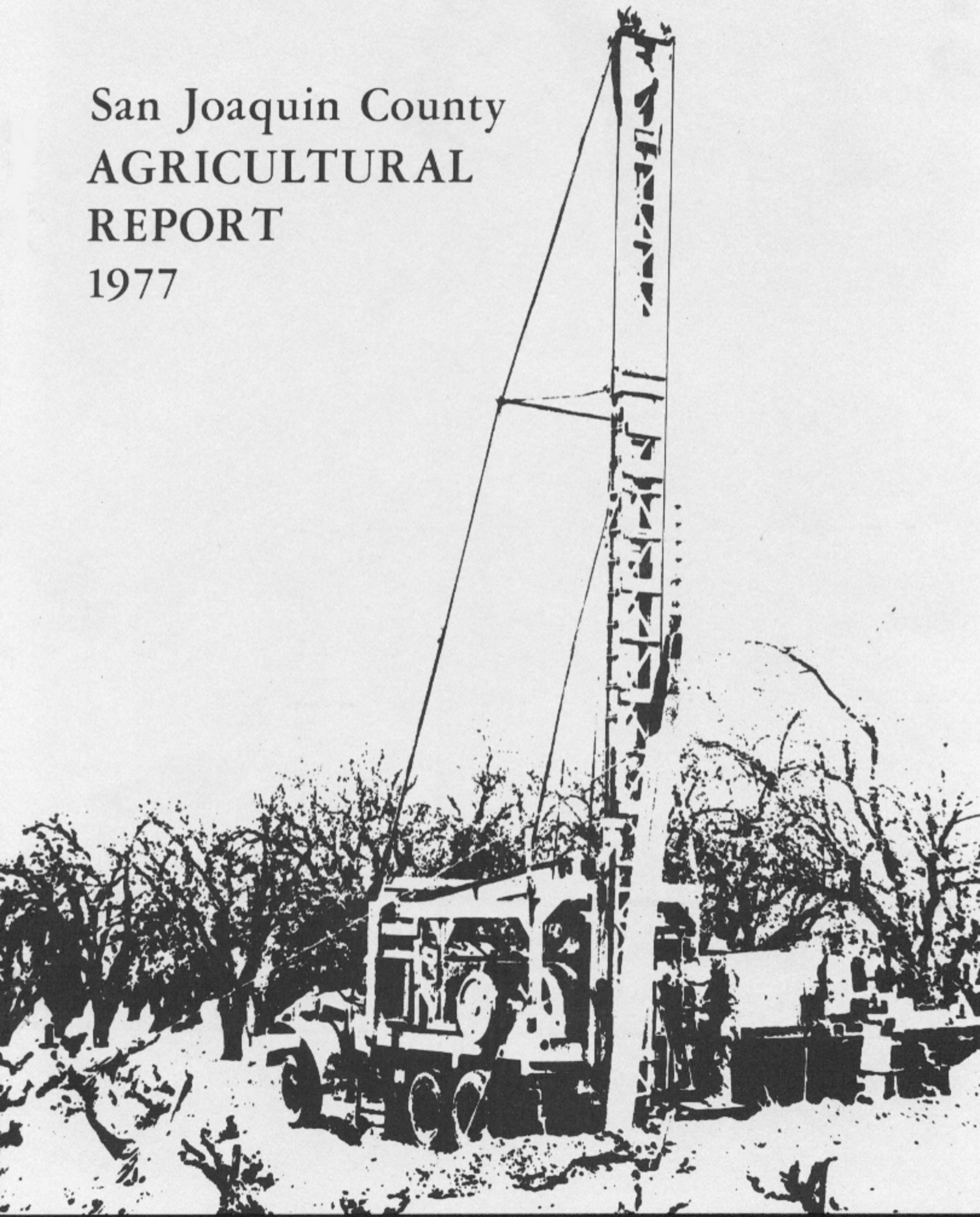


San Joaquin County
AGRICULTURAL
REPORT
1977



Well drilling was a familiar sight throughout San Joaquin County during 1977. The second year of drought conditions, brought with it restricted surface water flows for crop irrigation and lowered ground water tables.

SAN JOAQUIN COUNTY

DEPARTMENT OF AGRICULTURE

1868 EAST HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201

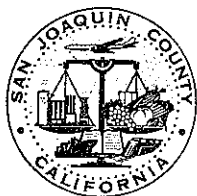
P. O. BOX 1809 • PHONE 944-2693

LODI OFFICE
210 N. SACRAMENTO ST.

MANTECA OFFICE
392 S. MOFFATT BLVD.

TRACY OFFICE
503 E. 10TH STREET

ESCALON OFFICE
1540 ROOSEVELT ST.



ERWIN B. EBY
AGRICULTURAL COMMISSIONER

JOSEPH F. SILVA
ASST. AGRICULTURAL COMMISSIONER

TO THE STATE DIRECTOR OF AGRICULTURE
AND
THE HONORABLE BOARD OF SUPERVISORS

Gentlemen:

In accordance with Section 2279 of the California Agricultural Code, I am pleased to present the forty-fourth annual report of agricultural production in the County of San Joaquin.

Values are 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. I would like to emphasize that the figures contained in this report are gross values, rather than net returns to the growers.

The estimated gross value of agriculture production for 1977 in San Joaquin County is \$520,475,000.

This is an increase of \$34,256,200 above the revised 1976 figure of \$486,218,800. Significant increases appear in tomatoes, grapes, almonds, walnuts, milk, safflower and dry beans. Significant decreases appear in wheat, hay, cherries, field corn and cattle and calves.

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

Respectfully submitted,


E. B. Eby
Agricultural Commissioner

S A N J O A Q U I N C O U N T Y

DEPARTMENT OF AGRICULTURE

1977 ANNUAL CROP REPORT

E. B. EBY
Agricultural Commissioner

Compiled by

RAY A. MAHONEY

WILLIAM J. GRITZ

Deputy Agricultural Commissioners

B O A R D O F S U P E R V I S O R S

RICHARD S. YOSHIKAWA	District 1
CLIFFORD C. WISDOM	District 2
NORMAN D. SHUMWAY, Chairman	District 3
GEORGE L. BARBER	District 4
ADRIAN C. FONDSE	District 5

COUNTY ADMINISTRATOR

CHARLES E. DIXON

FIELD CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1977 & 1976

Crop	Year	Harvested Acreage	Production		Unit	Gross Value		Total
			Per Acre	Total		Per Unit	Sub Total	
BARLEY	1977	37,100	2.18	80,900	Ton \$	90.40	\$	\$ 7,313,000
	1976	32,600	1.97	64,220		103.74		6,662,000
BEANS DRY <u>ALL</u>	1977	22,200	.89	19,800		535.45		10,602,000
	1976	21,751	.91	19,814		413.19		8,187,000
Blackeye	1977	6,760	.72	4,870		454.00		2,211,000
	1976	4,016	.90	3,616		529.04		1,913,000
Kidney	1977	8,290	.93	7,710		665.00		5,127,000
	1976	10,659	.86	9,167		431.98		3,960,000
Lima	1977	6,950	1.00	6,950		447.00		3,107,000
	1976	6,976	.99	6,905		326.38		2,254,000
Others	1977	200	1.14	229		685.00		157,000
	1976	100	1.25	125		480.00		60,000
CORN	1977	70,100	3.95	277,000		83.20		23,046,000
	1976	75,540	3.51	265,145		101.00		26,780,000
HAY, <u>ALL</u>	1977	72,800	6.288	457,800		65.037		29,774,000
	1976	84,890	5.58	474,063		76.68		36,352,000
Alfalfa	1977	53,600	7.47	400,000		67.50	27,000,000	
	1976	53,000	7.32	387,960		79.64	30,897,000	
Other	1977	19,200	3.01	57,800		48.00	2,774,000	
	1976	31,890	2.70	86,103		63.35	5,455,000	
OATS	1977	6,890	.58	4,000		100.00		400,000
	1976	3,900	1.00	3,900		88.00		343,200
PASTURE & RANGE	1977	311,000			Acre	22.07		6,864,000
	1976	315,000				24.57		7,738,000
Irrigated	1977	60,800				95.41	5,801,000	
	1976	55,000				92.00	5,060,000	
Other	1977	250,200				4.25	1,063,000	
	1976	260,000				10.30	2,678,000	
RICE	1977	5,210	3.16	16,500	Ton	187.00		3,086,000
	1976	6,587	2.85	18,772		130.00		2,440,000
SAFFLOWER	1977	9,130	1.59	14,500		240.00		3,480,000
	1976	700	1.31	917		265.00		243,000
SILAGE, CORN	1977	26,600	21.40	569,000		10.30		5,861,000
	1976	26,780	23.50	629,330		12.00		7,552,000
SILAGE, OTHER INCL. GREENCHOP	1977	14,600	9.26	135,000		11.90		1,607,000
	1976	11,039	14.17	156,500		12.00		1,878,000
SORGHUM, GRAIN	1977	1,810	2.47	4,470		79.30		354,000
	1976	6,000	2.72	16,320		93.44		1,525,000
SUGAR BEETS	1977	21,800	28.80	628,000		22.80		14,318,000
	1976*	36,100	29.80	1,076,000		22.34		24,038,000*
SUNFLOWERS	1977	4,350	1.01	4,390		330.00		1,449,000
	1976	1,500	1.00	1,500		300.00		450,000
WHEAT	1977	26,900	2.86	76,900		85.60		6,583,000
	1976	41,577	2.77	115,168		118.41		13,637,000
<u>TOTAL</u>	1977	630,490						\$ 114,737,000
	1976	663,964						137,825,200*

* 1976 Figures Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1977 & 1976

Crop	Year	Production			Gross Value			
		Harvested Acreage	Non-Bearing Acreage	Per Acre	Total Unit	Per Unit	Sub Total	Total
ALMONDS (MEATS)	1977	26,625	5,480	.84	22,365 Ton	\$ 1,600.00	\$	\$ 35,784,000
	1976*	27,590	4,217	.73	20,140	1,400.00		28,196,000*
ALMOND HULLS	1977				38,240	25.00		956,000
	1976				34,487	57.00		1,966,000
APPLES, <u>ALL</u>	1977	350	85	16.74	5,860	130.35		764,000
	1976	300	135	10.98	3,292	243.29		800,940
Fresh	1977				570	375.00	214,000	
	1976				2,292	320.00	733,440	
Processing	1977				5,290	104.00	550,000	
	1976				1,000	67.50	67,500	
APRICOTS	1977	3,113	87	6.30	19,612	151.00		2,961,000
	1976	3,255	46	6.30	20,507	119.00		2,440,000
CHERRIES, <u>ALL</u>	1977	7,770	1,348	3.08	23,950	926.47		22,189,000
	1976	7,956	856	5.66	45,075	597.00		26,910,000
Fresh Market	1977				17,100	1,164.00	19,904,000	
	1976				29,054	788.00	22,895,000	
Processing	1977				6,850	333.60	2,285,000	
	1976				16,021	250.60	4,015,000	
GRAPES, <u>ALL</u>	1977	46,829	6,971	8.86	415,000	143.28		59,462,000
	1976	52,161	2,056	6.35	331,580	134.14		44,484,500
Table, <u>All</u>	1977	20,466		10.27	210,000	128.01	26,882,000**	
	1976	20,501		7.64	156,786	128.44	20,143,500	
**Tokay, <u>All</u>	1977	19,847		10.49	208,325	127.99	26,664,000	
	1976	19,895		7.46	148,431	130.66	19,399,400	
Fresh	1977				1,161,739 23#	6.17	7,168,000	
	1976				1,783,760 pkg	4.78	8,526,400	
Crushed	1977				194,965 Ton	100.00	19,496,000	
	1976				127,918	85.00	10,873,000	
Wine Varieties <u>All</u>	1977	26,363	6,889	7.78	205,000	158.93	32,580,000	
	1976	31,660	2,040	5.52	174,794	139.25	24,341,000	
Fresh	1977				26,328	329.07	8,664,000	
	1976				22,734	318.21	7,234,000	
Crushed	1977				178,601	133.91	23,916,000	
	1976				152,060	112.50	17,107,000	
OLIVES	1977	157		1.75	275	440.00		121,000
	1976	195		2.96	577	264.00		152,330

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1977 & 1976 cont'd.

Crop	Year	Production			Per Acre	Total Unit	Per Unit	Gross Value	
		Harvested Acreage	Non-Bearing Acreage	Per Acre				Sub Total	Total
PEACHES, <u>ALL</u>	1977	4,461	729	14.32	63,880 Ton	\$ 119.60	\$	\$ 7,640,000	
	1976	4,693	477	12.12	56,899	113.38		6,451,450	
Clingstone Processing	1977	3,640	530	14.44	52,600	119.00		6,259,000	
	1976	3,804	292	11.96	45,497	115.00		5,232,150	
<u>Frestone, All</u>	1977	820	198	13.75	11,280	122.43		1,381,000	
	1976	889	185	12.82	11,402	106.93		1,219,300	
Fresh	1977				1,460	273.00		399,000	
	1976				1,392	200.00		278,400	
Processing	1977				9,820	100.00		982,000	
	1976				10,010	94.00		940,900	
PEARS, FRESH & PROCESSING	1977	932	1	9.03	8,420	116.00		977,000	
	1976	938	1	9.50	8,911	104.00		926,700	
PLUMS	1977	237	20	4.80	1,140	313.00		357,000	
	1976	265	20	.90	240	378.00		90,720	
WALNUTS, ENGLISH	1977	22,884	4,269	1.31	30,000	739.00		22,170,000	
	1976	23,389	3,239	1.18	27,600	600.00		16,560,000	
MISC. (ORANGES, FIGS, NECTARINES, PECANS, CHESTNUTS, PRUNES, PERSIMMONS, BUSHBERRIES, STRAWBERRIES)	1977							420,000	
	1976							477,000	
<u>TOTAL</u>	1977	113,358						\$ 153,801,000	
	1976	120,742						129,456,000*	

* Figure for 1976 Revised
 ** Data Supplied by Tokay Marketing Agreement

VEGETABLE CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1977 & 1976

Crop	Year	Harvested Acreage	Production		Unit	Gross Value		
			Per Acre	Total		Per Unit	Sub Total	Total
* <u>ASPARAGUS,</u>	1977	18,500	1.636	30,270	Ton	\$ 641.06	\$	\$ 19,405,000
<u>ALL</u>	1976	17,175	1.93	33,193		539.51		17,908,000
Fresh	1977		.46	8,570		897.00		7,687,000
	1976		.66	11,263		651.51		7,338,000
Processing	1977		1.17	21,700		540.00		11,718,000
	1976		1.27	21,930		481.98		10,570,000
BEANS, GREEN	1977	2,500	1.88	4,700		168.00		790,000
SNAP	1976	531	1.77	940		157.87		148,400
LIMA	1977	1,050	1.42	1,490		360.00		536,000
	1976	641	1.50	962		240.00		230,900
CORN, SWEET	1977	372	206.00	76,600	46#	3.95		303,000
	1976	300	274.00	82,200	pkg	4.12		339,000
CUCUMBERS	1977	1,680	18.18	30,500	Ton	93.57		2,854,000
	1976	1,360	20.31	27,625		104.00		2,873,000
MELONS, <u>ALL</u>	1977	1,290	17.12	22,080		78.17		1,726,000
	1976	1,374	17.33	23,815		59.69		1,421,600
Watermelon	1977	844	20.12	17,000		73.80		1,255,000
	1976	1,140	18.75	21,375		60.00		1,282,500
Melons, Other	1977	446	11.39	5,080		92.70		471,000
	1976	234	10.42	2,440		57.00		139,100
ONIONS, DRY	1977	1,880	21.79	41,000		104.00		4,264,000
	1976	1,984	19.35	38,390		76.00		2,918,000
PEPPERS	1977	1,700	11.93	20,300		175.00		3,552,000
	1976	1,443	9.75	14,069		124.03		1,745,000
POTATOES	1977	1,940	302.00	586,000	Cwt.	5.07		2,971,000
	1976	1,900	315.00	598,500		3.60		2,155,000
TOMATOES, <u>ALL</u>	1977	36,140	22.69	820,000	Ton	68.21		55,934,000
	1976	31,030	19.44	603,487		58.65		35,394,990
Shipping	1977	3,240	11.12	36,000		332.00		11,952,000
	1976	2,530	8.73	22,087		312.00		6,891,000
**Process- ing	1977	32,900	23.84	784,000		56.10		43,982,000
	1976	28,500	21.10	601,350		47.40		28,503,990
MISC. VEGETABLES	1977	4,000						5,477,000
	1978	4,700						4,946,000***
<u>TOTAL</u>	1977	71,052						\$ 97,812,000
	1976	62,438						70,080,000

* Data Supplied by California Asparagus Growers Association
 ** Data Supplied by California Crop & Livestock Reporting Service
 *** Misc. Vegetable & Truck Garden Figures Revised

SEED CROPS: ACREAGE, PRODUCTION AND GROSS VALUE, 1977 & 1976

<u>Crop</u>	<u>Year</u>	<u>Harvested Acreage</u>	<u>Production</u>		<u>Unit</u>	<u>Gross Value</u>	
			<u>Per Acre</u>	<u>Total</u>		<u>Per Unit</u>	<u>Total</u>
BEANS, CERTIFIED SEED							
DARK RED	1977	2,060	16.25	33,500	Cwt.	\$ 41.00	\$ 1,373,000
KIDNEY	1976	936	16.50	15,444		27.50	424,710
LIGHT RED	1977	3,820	18.00	68,800		37.50	2,580,000
KIDNEY	1976	3,989	18.00	71,802		23.50	1,687,300
WHITE	1977	184	21.20	3,900		35.00	137,000
	1976	206	15.00	3,090		28.50	88,100
OTHER	1977	442	16.04	7,090		34.69	246,000
	1976	865	15.00	12,975		27.30	354,220
CLOVER	1977	700	375.00	263,000	Lb.	1.20	316,000
	1976	550	290.00	159,500		1.10	175,450
POTATOES	1977	536	280.00	150,000	Cwt.	4.75	713,000
	1976	500	250.00	125,000		5.00	625,000
VEGETABLE SEED	1977	453	264.00	120,000	Lb.	3.75	450,000
	1976	325	206.00	66,950		3.60	241,020
GRAIN SEED	1977	4,300	5,489.00	23,603,000		.05	1,180,000
	1976	4,020	5,441.00	21,872,820		.07	1,531,100
MISC. SEED	1977	120					68,000
	1976	XXX					XXX
<u>TOTAL</u>	1977	12,615					\$ 7,063,000
	1976	11,391					5,126,900

NURSERY PRODUCTS: SALES AND GROSS VALUE, 1977 & 1976

<u>Item</u>	<u>Year</u>	<u>Quantity Sold By Producers</u>	<u>Unit</u>	<u>Gross Value</u>	
				<u>Per Unit</u>	<u>Total</u>
GRAPE VINES, FRUIT & NUT TREES	1977	405,500	Plant	\$ 1.27	\$ 515,000
	1976	395,766		1.11	439,300
VEGETABLE PLANTS, <u>ALL</u>	1977	48,824,000			645,000
	1976	24,284,613			431,000
FLOWERING POTTED PLANTS	1977	2,013,000	Each	.88	1,771,000
	1976	2,518,000		.83	2,090,000
FOLIAGE PLANTS	1977	4,926,000		1.37	6,749,000
	1976	6,922,640		1.06	7,338,000
BEDDING PLANTS	1977	2,210,000	Pkg.	.50	1,105,000
	1976	964,100		.27	260,300
WOODY ORNAMENTALS	1977	240,000	Each	1.00	240,000
	1976	204,000		1.00	204,000
BULBS, RHIZOMES, CACTUS, SUCCULENTS, ETC.	1977				1,130,000
	1976				972,000
<u>TOTAL</u>	1977				\$ 12,155,000
	1976				11,734,600

LIVESTOCK AND POULTRY: PRODUCTION AND GROSS VALUE, 1977 & 1976

<u>Item</u>	<u>Year</u>	<u>Production</u>		<u>Unit</u>	<u>Gross Value</u>	
		<u>No. Head</u>	<u>Total Liveweight</u>		<u>Per Unit</u>	<u>Total</u>
CATTLE & CALVES	1977	50,700	412,500	Cwt. \$	29.90	\$ 12,334,000
	1976	68,880	509,712		29.40	14,986,000
SHEEP & LAMBS	1977	21,000	18,900		45.20	854,000
	1976	35,000	36,750		46.00	1,691,000
HOGS & PIGS	1977	17,700	19,100		48.10	919,000
	1976	20,043	21,287		53.15	1,131,000
BROILERS & FRYERS	1977	1,418,000	6,330,000	Lb.	.27	1,709,000
	1976	1,996,000	8,982,000		.25	2,246,000
OTHER CHICKENS & PULLETS	1977	4,204,000	18,918,000		.11	2,081,000
	1976	3,963,000	17,833,500		.11	1,962,000
TURKEYS	1977	377,000	9,508,000		.35	3,328,000
	1976	67,000	1,809,000		.30	543,000
MISC. (PHEASANT, DUCK, SQUAB, ETC.)	1977	170,300		Each	1.72	293,000
	1976	250,000			2.00	500,000
<u>TOTAL</u>	1977					\$ 21,518,000
	1976					23,059,000

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND GROSS VALUE, 1977 & 1976

<u>Item</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Sub Total</u>	<u>Total</u>
MILK, <u>ALL</u>	1977	8,204,000	Cwt.	\$ 9.62	\$	\$ 78,922,000
	1976*	7,979,000		9.1933		73,353,000*
Market	1977	7,743,000		9.676	74,921,000	
	1976	7,474,000		9.259	69,202,000	
Manufacturing	1977	461,000		8.680	4,001,000	
	1976	505,000		8.220	4,151,000	
WOOL	1977	207,000	Lb.	.71		147,000
	1976	340,550		.70		238,400
EGGS, CHICKEN	1977	69,335,000	Doz.	.47		32,587,000
	1976	70,323,000		.49		34,458,000
OTHER LIVESTOCK & POULTRY PRODUCTS	1977					1,138,000
	1976					XXX
<u>TOTAL</u>	1977					\$ 112,794,000
	1976					108,049,400*

* 1976 Figures Revised, Data Supplied by California Crop & Livestock Reporting Service

APIARY PRODUCTS: PRODUCTION AND GROSS VALUE, 1977 & 1976

<u>Crop</u>	<u>Year</u>	<u>Production</u>	<u>Unit</u>	<u>Per Unit</u>	<u>Total</u>
HONEY	1977	85,500	Lb.	\$.39	\$ 33,300
	1976	145,000		.38	55,100
POLLINATION	1977	46,200	Colony	10.50	485,000
	1976	64,410		10.50	676,300
OTHER (INCL. BEESWAX, PACKAGE BEES, QUEEN BEES)	1977				76,700
	1976				156,500
<u>TOTAL</u>	1977				595,000
	1976				887,900

SUMMARY

<u>Item</u>	<u>1977</u>	<u>1976</u>
FIELD CROPS	\$114,737,000	\$ 137,825,000*
VEGETABLE CROPS	97,812,000	70,080,000*
FRUIT & NUT CROPS	153,801,000	129,456,000*
SEED CROPS	7,063,000	5,126,900
NURSERY PRODUCTS	12,155,000	11,734,600
LIVESTOCK & POULTRY	21,518,000	23,059,000
LIVESTOCK & POULTRY PRODUCTS	112,794,000	108,049,400*
APIARY PRODUCTS	595,000	887,900
 	<hr/>	<hr/>
<u>TOTALS</u>	\$ 520,475,000	\$ 486,218,800*

SAN JOAQUIN COUNTY'S TEN LEADING CROPS

<u>Crop</u>	<u>1977</u>		<u>Crop</u>	<u>1976</u>	
	<u>Production</u>	<u>Gross Value</u>		<u>Production</u>	<u>Gross Value</u>
MILK	8,204,000 cwt.	\$ 78,922,000	MILK	7,979,000 cwt.*	\$ 73,353,000
GRAPES	46,829 acres	59,462,000	GRAPES	52,161 acres	44,484,500
TOMATOES	35,840 acres	55,934,000	HAY	84,890 acres	36,352,000
ALMONDS	26,625 acres	35,784,000	TOMATOES	31,030 acres	35,394,990
EGGS	69,335,000 doz.	32,587,000	EGGS	70,323,000 doz.	34,458,000
HAY	72,800 acres	29,774,000	ALMONDS	27,590 acres	28,196,000*
CORN	70,100 acres	23,046,000	CHERRIES	7,956 acres	26,910,000
CHERRIES	7,770 acres	22,189,000	CORN	75,540 acres	26,780,000
WALNUTS	22,884 acres	22,170,000	SUGAR BEETS	36,114	24,038,000*
ASPARAGUS	18,500 acres	19,405,000	ASPARAGUS	17,175	17,908,000
		<hr/>			<hr/>
		\$ 379,273,000			\$ 347,874,490*

* Revised

