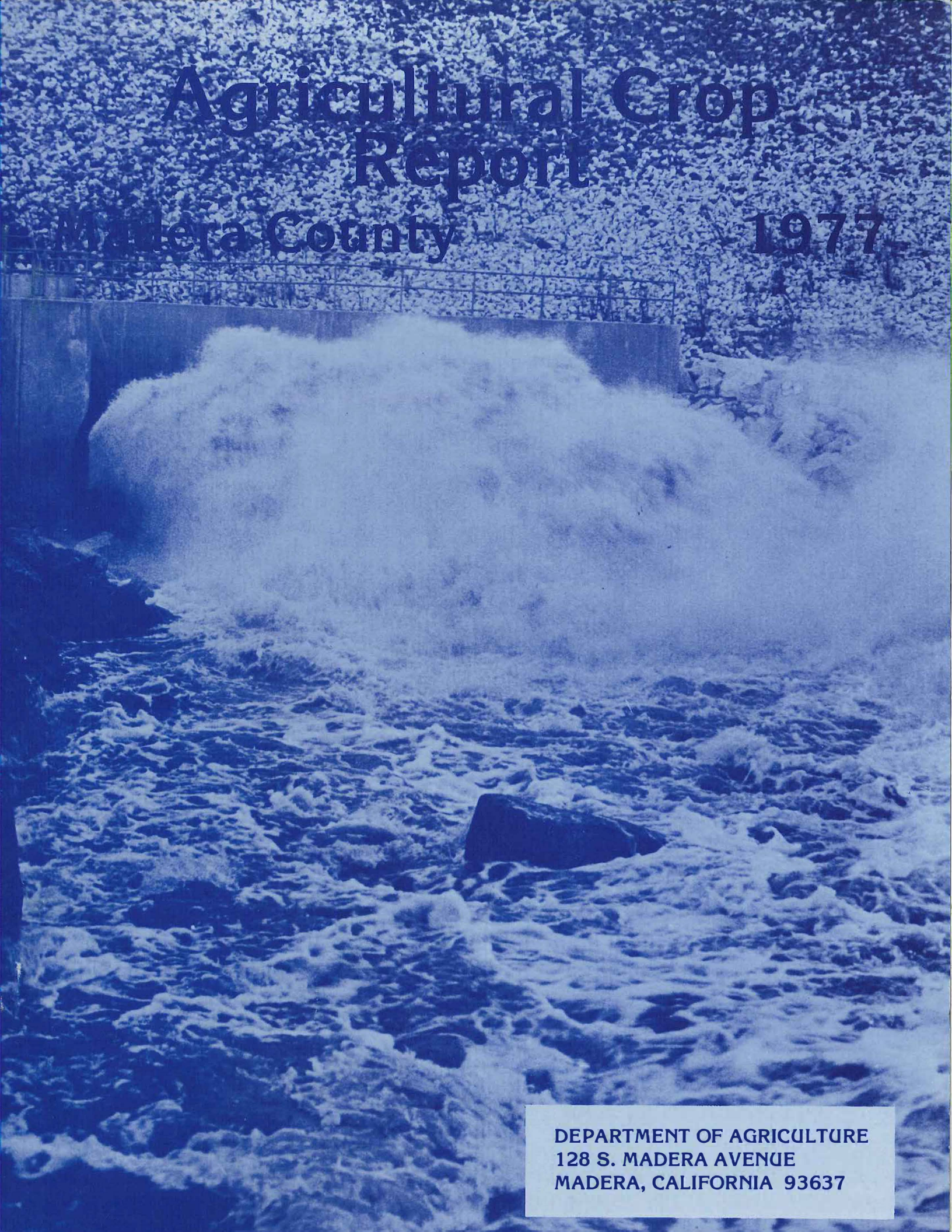


# Agricultural Crop Report

Madera County

1977



DEPARTMENT OF AGRICULTURE  
128 S. MADERA AVENUE  
MADERA, CALIFORNIA 93637

ANNUAL CROP REPORT 1977  
MADERA COUNTY

Compiled by:  
George Tipton  
Bill Carlson

Board of Supervisors

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Richard E. Rominger, Director  
California Department of Food and Agriculture

and

The Honorable Board of Supervisors  
County of Madera

Gentlemen:

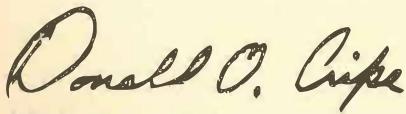
In accordance with Section 2279 of the California Agricultural Code, I am pleased to submit the 1977 Crop Report for Madera County.

The total value is \$219,640,000, an increase of 10.3 per cent over 1976. It is emphasized again, as in past years, that this is a gross figure and does not reflect net profit to growers. The costs of production and handling continue to rise and limit net incomes. The total shown does indicate the tremendous value of Agriculture to the County's economy.

The Fruit and Nut crop category showed the largest increase with Grapes leading the way. Almonds also gained significantly. Categories decreasing in value include Field Crops, where a number of individual commodities declined; and Livestock and Poultry, with cattle and calves accounting for most of the loss.

I wish to express thanks to my staff, the staff of the Agricultural Extension Service and the many individuals who made significant contributions to this report.

Respectfully Submitted,



DONALD O. CRIFE  
Agricultural Commissioner

About the Cover:

Although too late to help the 1977 Crop, the weather began showing its other side in mid-December. Water in abundance began filling lakes and reservoirs and the legendary Sierra snow pack began to form. Along with the blessing came flash floods and rain-caused delays in field work.

In the cover scene, water boils from the release gate at Hidden Dam in the Madera foothills; the first releases since the completion of the dam in 1976.

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley, Irrigated	1977	20,200	1.90	38,000	Ton	\$ 90.00	\$ 3,420,000
	1976	18,000	2.30	41,000	"	100.00	4,100,000
Barley, Dryland	1977	--Included in Pasture, Other					
	1976	12,000	.65	7,800	"	100.00	780,000
Beans, Dry	1977	3,800	1.00	3,800	"	460.00	1,748,000
	1976	3,000	1.25	3,750	"	400.00	1,500,000
Corn, Field	1977	6,000	2.90	17,400	"	130.00	2,262,000
	1976	10,000	3.10	31,000	"	135.00	4,185,000
Corn, Silage	1977	5,500	22.50	123,700	"	10.50	1,299,000
	1976	8,000	23.50	188,000	"	13.50	2,538,000
Silage, Other	1977	1,200	14.50	17,400	"	10.00	174,000
	1976	1,500	11.00	16,500	"	10.50	173,000
Cotton, Lint	1977	58,900	735a/	88,712	Bales	.595b/	25,726,000
	1976	38,700	915a/	71,000	"	.65b/	23,017,000
Cotton, Seed	1977	xx	xx	36,340	Ton	80.00	2,907,000
	1976	xx	xx	29,300	"	110.00	3,223,000
Hay, Alfalfa	1977	51,000	6.70	342,000	"	60.00	20,520,000
	1976	50,000	6.00	300,000	"	65.00	19,500,000
Hay, Grain	1977	1,700	3.20	5,440	"	50.00	272,000
	1976	1,500	3.00	4,500	"	55.00	247,000
Oats	1977	600	1.00	600	"	100.00	60,000
	1976	1,500	1.25	1,875	"	110.00	206,000
Pasture, Irr.	1977	42,000	xx	xx	Acres	100.00	4,200,000
	1976	42,000	xx	xx	"	100.00	4,200,000
Pasture, Other	1977	479,000	xx	xx	"	4.00	1,916,000
	1976	475,000	xx	xx	"	6.50	3,087,000
Sorghum, Grain	1977	1,400	2.20	3,080	Ton	90.00	277,000
	1976	1,400	2.00	2,800	"	90.00	252,000

a/ Pounds  
b/ Per Pound

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Stubble	1977	12,000	xx	xx	Acre	\$ 2.00	\$ 24,000
	1976	10,000	xx	xx	"	2.00	20,000
Sugar Beets	1977	5,400	24.00	130,000	Ton	21.00	2,730,000
	1976	6,000	33.00	198,000	"	18.50	3,663,000
Wheat	1977	20,000	2.10	42,000	"	82.00	3,444,000
	1976	24,000	2.50	60,000	"	110.00	6,600,000
Misc.	1977	120	xx	xx	"	300.00	36,000
	1976	150	xx	xx	"	325.00	49,000
TOTAL	1977	709,000					\$71,015,000
	1976	703,000					77,340,000

SEED CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Alfalfa	1977	- none					
	1976	272	550	149,600	Pound	1.00	\$150,000
Beans, Blackeye	1977	400	2,400	960,000	"	.26	250,000
	1976	- Included in other seed					
Barley	1977	- Included in other seed					
	1976	136	4,100	557,600	"	.07	39,000
Other Seed	1977	660	xx	144,000	"	xx	289,000
	1976	385	xx	597,450	"	xx	207,000
Wheat	1977	- Included in other seed					
	1976	403	5,000	2,015,000	"	.08	161,000
TOTAL	1977	1,060					\$539,000
	1976	1,196					557,000

## FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds (1)	1977	12,705	.60	7,623	Ton	\$1,800.00	\$13,721,000
	1976	12,961	.52	6,740	"	1,300.00	8,762,000
Almond Hulls	1977	xx	xx	10,480	"	23.00	241,000
	1976	xx	xx	14,600	"	50.00	730,000
Apples	1977	50	2.20	110	"	120.00	13,000
	1976	69	2.30	159	"	120.00	19,000
Apricots	1977	31	5.10	158	"	190.00	30,000
	1976	57	5.00	285	"	160.00	46,000
Figs	1977	2,664	1.30	3,463	"	640.00	2,216,000
	1976	2,768	.75	2,076	"	900.00	1,868,000
Grapes, Raisin Total	1977	28,325	xx	185,000	"	xx	41,628,000
	1976	29,100	xx	169,000	"	xx	27,784,000
Dried	1977	12,180	2.33	28,380	"	850.00	24,123,000
	1976	13,386	1.14	15,300	"	900.00	13,770,000
Crushed	1977	15,345	10.00	153,450	"	100.00	15,345,000
	1976	15,000	10.00	150,000	"	85.00	12,750,000
Fresh Market	1977	800	5.40	4,320	"	500.00	2,160,000
	1976	714	5.50	3,927	"	322.00	1,264,000
Grapes, Wine Total	1977	27,781	9.00	250,000	"	117.00	29,250,000
	1976	21,809	8.50	185,376	"	95.00	17,611,000
Nectarines	1977	223	9.00	2,000	"	200.00	400,000
	1976	174	7.50	1,305	"	250.00	326,000
Olives	1977	794	1.60	1,270	"	500.00	635,000
	1976	811	2.50	2,027	"	357.00	724,000
Oranges	1977	2,917	5.60	16,335	"	158.00	2,581,000
	1976	3,112	6.00	18,672	"	140.00	2,614,000
Peach, Cling	1977	489	9.60	4,694	"	120.00	563,000
	1976	437	7.00	3,059	"	125.00	382,000
Peach, Free	1977	516	xx	5,490	"	xx	1,289,000
	1976	732	xx	7,284	"	xx	1,440,000

(1) Meat Basis

FRUIT AND NUTS CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

Peach, Free  
(continued)

Fresh Market	1977	260	9.30	2,418	Ton	\$ 387.00	\$ 936,000
	1976	268	9.00	2,412	"	375.00	904,000
Processing	1977	256	12.00	3,072	"	115.00	353,000
	1976	464	10.50	4,872	"	110.00	536,000
Pistachios	1977	327	.48	157	"	2,000.00	314,000
	1976	212	.25	53	"	2,300.00	122,000
Plums	1977	418	6.20	2,592	"	310.00	804,000
	1976	452	7.00	3,164	"	350.00	1,107,000
Walnuts	1977	1,060	1.50	1,590	"	715.00	1,137,000
	1976	1,342	1.20	1,610	"	500.00	805,000
TOTAL	1977	78,300	xx	xx		xx	\$94,822,000
	1976	74,036	xx	xx		xx	64,291,000

APIARY PRODUCTS: PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1977	300,000	Pound	.40	\$120,000
	1976	450,000	"	.37	166,500
Beeswax	1977	5,000	"	1.60	8,000
	1976	9,000	"	1.25	11,250
Pollination	1977	26,000	Colony	10.00	260,000
	1976	16,000	"	20.00	320,000
Nuclei	1977	1,500	Each	19.00	28,000
	1976	1,500	"	18.00	27,000
Queen Cells, Queens & Package Bees	1977	11,500		xx	50,000
	1976	11,000		xx	48,000
TOTAL	1977				\$466,000
	1976				573,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Potatoes	1977	500	15.00	7,500	Ton	\$70.00	\$ 525,000
	1976	700	20.00	14,000	"	70.00	980,000
Tomatoes Processing Var.	1977	1,277	19.00	24,263	"	56.10	1,361,000
	1976	650	14.40	9,360	"	47.40	444,000
Vegetables, Misc.	1977	500	xx	xx	xx	xx	550,000
	1976	250	xx	xx	xx	xx	420,000
TOTAL	1977	2,277					2,436,000
	1976	1,600					1,844,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1976-1977

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
*Nursery Stock	1977	90	\$595,000
	1976	75	500,000
TOTAL	1977	90	\$595,000
	1976	75	500,000

\*Grapevines  
Citrus  
Pistachios  
Figs  
Christmas trees



LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1976-1977

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVEWEIGHT		PER UNIT	TOTAL
Cattle & Calves	1977	71,285	xx	Head	\$244.58	\$17,435,000
	1976	85,000	xx	"	258.00	21,930,000
Hogs	1977	1,200	2,000	Cwt.	41.00	82,000
	1976	900	1,800	"	44.00	79,000
Sheep & Lambs	1977	19,000	17,600	"	50.00	880,000
	1976	18,500	17,205	"	47.00	809,000
Broilers & Fryers	1977	944,421	3,778,000	Pound	.268	1,013,000
	1976	1,010,000	3,838,000	"	.258	990,000
Started Pullets	1977	301,000	xx	Each	2.70	813,000
	1976	190,000	xx	"	2.25	427,000
Other Chickens	1977	59,000	295,000	Pound	.08	24,000
	1976	58,000	290,000	"	.09	26,000
Turkeys	1977	1,691,290	32,135,000	"	.33	10,605,000
	1976	1,786,572	35,731,000	"	.31	11,077,000
TOTAL	1977					\$30,852,000
	1976					35,338,000

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

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk, Market	1977	1,807,000	Cwt.	9.57	\$17,293,000
	*1976	1,874,000	"	9.253	17,340,000
Milk, Manufacturing	1977	20,200	"	8.74	177,000
	*1976	27,500	"	8.25	227,000
Wool	1977	206,000	Pound	.65	134,000
	1976	201,000	"	.66	133,000
Eggs, Chicken	1977	1,638,000	Dozen	.49	803,000
	1976	1,625,000	"	.47	764,000
Eggs, Turkey Hatching	1977	1,374,000	Each	.37	508,000
	1976	590,000	"	.29	171,000
TOTAL	1977				\$18,915,000
	*1976				18,635,000

\*Revised

AGRICULTURAL CROP REPORT RECAPITULATION 1976-1977

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1977		\$ 466,000
	1976		573,000
Field Crops	1977	709,000	71,015,000
	1976	703,000	77,340,000
Fruit and Nut Crops	1977	78,300	94,822,000
	1976	74,036	64,291,000
Livestock and Poultry	1977		30,852,000
	1976		35,338,000
Livestock and Poultry Products	1977		18,915,000
	*1976		18,635,000
Nursery Stock	1977	90	595,000
	1976	75	500,000
Seed Crops	1977	1,060	539,000
	1976	1,196	557,000
Vegetable Crops	1977	2,277	2,436,000
	1976	1,600	1,844,000
TOTAL	1977		\$219,640,000
	*1976		199,078,000

COMPARISON OF AGRICULTURAL VALUES

1977 . . . . .	\$219,640,000	*1968 . . . . .	\$ 80,181,650
*1976 . . . . .	199,078,000	*1967 . . . . .	80,372,200
*1975 . . . . .	183,390,000	*1966 . . . . .	78,602,000
*1974 . . . . .	183,869,000	*1965 . . . . .	82,647,000
*1973 . . . . .	171,610,000	*1964 . . . . .	81,326,000
*1972 . . . . .	122,387,000	*1959 . . . . .	65,550,421
*1971 . . . . .	105,249,000	1949 . . . . .	42,983,325
*1970 . . . . .	91,057,000	1939 . . . . .	7,825,450
*1969 . . . . .	84,846,000	1929 . . . . .	8,322,800

\*Revised

JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	<u>January 1, 1977</u>	<u>January 1, 1978</u>
Cattle and Calves	128,000	117,900
Milk Cows and Heifers 2 years and over	12,800	13,600
Stock Sheep and Lambs	25,000	25,000
Hogs	900	1,800

"MILLION DOLLAR CROPS"

Grapes . . . . .	\$70,878,000
Cotton . . . . .	28,633,000
Alfalfa . . . . .	20,520,000
Milk . . . . .	17,470,000
Cattle & Calves . . . . .	17,435,000
Almonds . . . . .	13,721,000
Turkeys . . . . .	10,605,000
Pasture, Irrigated . . . . .	4,200,000
Wheat . . . . .	3,444,000
Barley, Irrigated . . . . .	3,420,000
Sugar Beets . . . . .	2,730,000
Oranges . . . . .	2,581,000
Corn, Field . . . . .	2,262,000
Figs . . . . .	2,216,000
Pasture, Other . . . . .	1,916,000
Peaches, All . . . . .	1,852,000
Beans, Dry . . . . .	1,748,000
Tomatoes . . . . .	1,361,000
Corn, Silage . . . . .	1,299,000
Walnuts . . . . .	1,137,000
Broilers & Fryers . . . . .	1,013,000

PERMANENT CROP ACREAGES

Crop	1946	1956	1966	1976	1977		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	510	681	5,766	19,396	12,705	5,364	18,069
Apples	70	78	103	94	50	49	99
Apricots	697	58	58	57	31	0	31
Avocados	--	--	2	3	3	0	3
Cherries	--	--	23	13	17	0	17
<b>Citrus:</b>							
Grapefruit	--	--	--	73	--	73	73
Lemons	--	--	3	92	82	13	95
Oranges	--	--	2,242	3,710	2,917	524	3,441
Tangelos	--	--	28	297	246	28	274
Tangerines	--	--	37	42	46	1	47
TOTAL CITRUS	--	--	2,310	4,214	3,293	639	3,930
Figs	1,418	1,911	2,758	4,383	2,664	1,917	4,581
<b>Grapes:</b>							
Raisin	15,258	16,496	27,499	29,884	28,325	1,241	29,566
Table	559	461	506	567	419	97	516
Wine	4,822	3,439	7,214	24,079	27,362	374	27,736
TOTAL GRAPES	20,639	20,396	35,219	54,530	56,106	1,712	57,818
Kiwis	--	--	--	19	2	37	39
Nectarines	189	170	127	261	223	93	316
Olives	584	520	866	1,851	794	1,268	2,062
Pears	--	--	6	1	.4	0	.4
<b>Peaches:</b>							
Clingstone	223	595	1,506	544	489	37	526
Freestone	1,053	1,536	1,282	1,157	516	312	828
TOTAL PEACHES	1,276	2,131	2,788	1,701	1,005	349	1,354
Pecans	--	--	11	50	16	29	45
Persimmons	--	--	19	3	--	--	--
Pistachios	--	--	--	9,123	373	8,163	8,536
Plums	361	184	442	690	418	356	774
Pomegranates	--	--	--	374	2	252	254
Prunes	--	--	--	365	--	425	425
Walnuts	30	211	1,098	1,665	1,060	302	1,362
TOTAL PLANTED ACRES	25,774	26,340	51,596	98,793	78,760.4	20,955	99,715

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1977-1976