

AGRICULTURAL CROP REPORT

MADERA COUNTY — 1978



MADERA COUNTY DEPARTMENT OF AGRICULTURE
128 SOUTH MADERA AVENUE
MADERA, CALIFORNIA 93637

ANNUAL CROP REPORT 1978
MADERA COUNTY

Compiled by:
George Tipton
Bill Carlson

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Karen Little
Rachel Bissett

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 Food and Agricultural Code, the 1978 Madera County Crop Report is hereby submitted.

The total value is \$220,193,000, a decline of approximately 2.2 million dollars, or one percent from 1977. It is again emphasized that this is a gross figure and does not reflect net return to producers. Costs of production and marketing continue to rise and limit net incomes. Agriculture's important contribution to the County's economy is once again noted.

Although the overall decrease in value is slight, some segments of the industry suffered severe losses due primarily to weather related factors. In this category are Field Crops, which declined \$7.8 million and Fruit and Nut Crops where the deficit is \$5.8 million.

Livestock and Poultry registered a \$9.2 million increase with higher prices aiding recovery from previous years' losses. Significant percentage gains have occurred in Nursery Stock, Apiary, and Vegetable Crops.

I would like to express sincere appreciation to my staff, the staff of the Agricultural Extension Service, and the many other individuals who made this report possible. Special thanks go to Karen Little and Rachel Bissett who were primarily responsible for assembling the publication.

Respectfully submitted,

Donald O. Cripe

DONALD O. CRIPE
Agricultural Commissioner

About the Cover: Featured on the cover is the original Wide Awake Ranch House near the intersection of Highway 41 and Highway 145 in Madera County. Constructed of whipsawed lumber in 1852 by Jeremiah Brown, it also served as a way station on the Stockton to Millerton Freight Road. As the bull teams approached the ranch, the drivers would shout "Hello the house, are you wide awake?" This practice gave the ranch its name.

MADERA COUNTY: RICH IN AGRICULTURE; RICH IN HISTORY

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley, Irrigated	1978	21,000	.90	18,900	Ton	\$ 92.00	\$ 1,739,000
	1977	20,200	1.90	38,000	"	90.00	3,420,000
Barley, Dryland	1978	6,000	.65	3,900	"	92.00	359,000
	1977	--Included in Pasture, Other					
Beans, Dry	1978	4,700	1.00	4,700	"	400.00	1,880,000
	1977	3,800	1.00	3,800	"	460.00	1,748,000
Corn, Field	1978	11,800	2.40	28,320	"	130.00	3,682,000
	1977	6,000	2.90	17,400	"	130.00	2,262,000
Corn, Silage	1978	6,000	23.50	141,000	"	12.50	1,762,000
	1977	5,500	22.50	123,700	"	10.50	1,299,000
Silage, Other	1978	1,200	14.50	17,400	"	10.00	174,000
	1977	1,200	14.50	17,400	"	10.00	174,000
Cotton, Lint	1978	63,200	406a/	53,400	Bales	.645b/	16,550,000
	1977	58,900	735a/	88,712	"	.595b/	25,726,000
Cotton, Seed	1978	xx	xx	24,000	Ton	128.00	3,072,000
	1977	xx	xx	36,340	"	80.00	2,907,000
Hay, Alfalfa	1978	45,000	6.20	279,000	"	60.00	16,740,000
	1977	51,000	6.70	342,000	"	60.00	20,520,000
Hay, Grain	1978	600	3.50	2,100	"	38.00	80,000
	1977	1,700	3.20	5,440	"	50.00	272,000
Oats	1978	4,100	.50	2,050	"	105.00	215,000
	1977	600	1.00	600	"	100.00	60,000
Pasture, Irr.	1978	41,000	xx	xx	Acre	110.00	4,510,000
	1977	42,000	xx	xx	"	100.00	4,200,000
Pasture, Other	1978	475,000	xx	xx	"	7.00	3,325,000
	1977	479,000	xx	xx	"	4.00	1,916,000
Sorghum, Grain	1978	3,500	1.50	5,250	Ton	86.00	451,000
	1977	1,400	2.20	3,080	"	90.00	277,000
Soybeans	1978	1,125	.75	844	"	240.00	203,000
	1977	--Included in Misc.					

a/ Pounds
b/ Per Pound

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Stubble	1978	10,000	xx	xx	Acre	\$ 2.00	\$ 20,000
	1977	12,000	xx	xx	"	2.00	24,000
Sugar Beets	1978	6,000	25.25	151,500	Ton	25.00	3,787,000
	1977	5,400	24.00	130,000	"	21.00	2,730,000
Wheat	1978	22,000	2.00	44,000	"	103.00	4,532,000
	1977	20,000	2.10	42,000	"	82.00	3,444,000
Misc. <u>a/</u>	1978	736	xx	xx	"	200.00	147,000
	1977	120	xx	xx	"	300.00	36,000
TOTAL	1978	723,000					\$63,228,000
	1977	709,000					71,015,000

SEED CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Other Seed <u>b/</u>	1978	1,843	xx	4,305,000	Pound	xx	\$446,000
	1977	660	xx	144,000	"	xx	289,000
TOTAL <u>b/</u>	1978	1,843					\$446,000
	1977	1,060					539,000

a/ Includes rice and safflower

b/ Includes blackeye beans, barley, oats, and wheat

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds (1)	1978	17,355	.15	2,603	Ton	\$2,600.00	\$ 6,768,000
	1977	12,705	.60	7,623	"	1,800.00	13,721,000
Almond Hulls	1978	xx	xx	5,206	"	35.00	182,000
	1977	xx	xx	10,480	"	23.00	241,000
Apples	1978	54	2.50	135	"	130.00	18,000
	1977	50	2.20	110	"	120.00	13,000
Apricots	1978	31	5.00	155	"	180.00	28,000
	1977	31	5.10	158	"	190.00	30,000
Figs	1978	2,646	1.00	2,646	"	940.00	2,487,000
	1977	2,664	1.30	3,463	"	640.00	2,216,000
Grapes, Raisin Total	1978	29,000	xx	133,000	"	xx	28,877,000
	1977	28,325	xx	185,000	"	xx	41,628,000
Dried	1978	12,180	.63	7,673	"	1,100.00	8,440,000
	1977	12,180	2.33	28,380	"	850.00	24,123,000
Crushed	1978	16,000	7.65	122,400	"	153.00	18,727,000
	1977	15,345	10.00	153,450	"	100.00	15,345,000
Fresh Market	1978	820	3.00	2,460	"	695.00	1,710,000
	1977	800	5.40	4,320	"	500.00	2,160,000
Grapes, Wine Total	1978	28,825	9.50	273,837	"	150.00	41,076,000
	1977	27,781	9.00	250,000	"	117.00	29,250,000
Nectarines	1978	243	4.70	1,142	"	350.00	400,000
	1977	223	9.00	2,000	"	200.00	400,000
Olives	1978	1,391	3.00	4,173	"	200.00	835,000
	1977	794	1.60	1,270	"	500.00	635,000
Oranges	1978	3,101	4.20	13,024	"	232.00	3,022,000
	1977	2,917	5.60	16,335	"	158.00	2,581,000
Peach, Cling	1978	530	8.00	4,240	"	135.00	572,000
	1977	489	9.60	4,694	"	120.00	563,000
Peach, Free	1978	694	xx	4,240	"	xx	996,000
	1977	516	xx	5,490	"	xx	1,289,000

(1) Meat Basis

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Peach, Free (continued)							
Fresh Market	1978	450	4.00	1,800	Ton	\$ 400.00	\$ 720,000
	1977	260	9.30	2,418	"	387.00	936,000
Processing	1978	244	10.00	2,440	"	113.00	276,000
	1977	256	12.00	3,072	"	115.00	353,000
Pistachios	1978	1,733	.15	260	"	2,700.00	702,000
	1977	327	.48	157	"	2,000.00	314,000
Plums	1978	536	6.00	3,216	"	480.00	1,544,000
	1977	418	6.20	2,592	"	310.00	804,000
Walnuts	1978	1,222	1.00	1,222	"	1,250.00	1,527,000
	1977	1,060	1.50	1,590	"	715.00	1,137,000
TOTAL	1978	87,361	xx	xx		xx	\$89,034,000
	1977	78,300	xx	xx		xx	94,822,000

APIARY PRODUCTS: PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		TOTAL			PER UNIT	TOTAL
Honey	1978	600,000		Pound	.44	\$264,000
	1977	300,000		"	.40	120,000
Beeswax	1978	12,000		"	1.75	21,000
	1977	5,000		"	1.60	8,000
Pollination	1978	35,000		Colony	12.00	420,000
	1977	26,000		"	10.00	260,000
Nuclei	1978	1,200		Each	22.00	26,000
	1977	1,500		"	19.00	28,000
Queen Cells, Queens & Package Bees	1978	12,000			xx	60,000
	1977	11,500			xx	50,000
TOTAL	1978					\$791,000
	1977					466,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Potatoes	1978	xxx					xxxxxxx
	1977	500	15.00	7,500	Ton	\$70.00	\$ 525,000
Tomatoes							
Processing Var.	1978	1,648	20.00	32,960	"	54.00	1,780,000
	1977	1,277	19.00	24,263	"	56.10	1,361,000
Vegetables, Misc	1978	1,670	xx	xx	xx	xx	1,669,000
<u>a/</u>	1977	500	xx	xx	xx	xx	550,000
TOTAL	1978	3,318					\$3,449,000
	1977	2,277					2,436,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1977-1978

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock <u>b/</u>	1978	177	\$1,253,000
	1977	90	595,000
TOTAL	1978	177	\$1,253,000
	1977	90	595,000

a/ Includes cucumbers, all melons, lettuce, and fresh tomatoes

b/ Grapevines
Citrus
Pistachios
Figs
Christmas trees

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		NO. OF HEAD	TOTAL LIVELWEIGHT		PER UNIT	TOTAL
Cattle and Calves	1978	61,000	486,000	Cwt.	\$ 49.00	\$23,814,000
	*1977	71,285	567,429	"	35.00	19,860,000
Hogs	1978	1,500	2,500	"	48.30	121,000
	1977	1,200	2,000	"	41.00	82,000
Sheep and Lambs	1978	21,000	18,900	"	60.00	1,134,000
	1977	19,000	17,600	"	50.00	880,000
Broilers & Fryers	1978	656,890	2,864,000	Pound	.283	811,000
	1977	944,421	3,778,000	"	.268	1,013,000
Started Pullets	1978	534,000	xx	Each	2.50	1,335,000
	1977	301,000	xx	"	2.70	813,000
Other Chickens	1978	55,000	275,000	Pound	.08	22,000
	1977	59,000	295,000	"	.08	24,000
Turkeys	1978	1,871,300	36,023,000	"	.423	15,238,000
	1977	1,691,290	32,135,000	"	.33	10,605,000
TOTAL	1978					\$42,475,000
	*1977					33,277,000

LIVESTOCK & POULTRY PRODUCTS: PRODUCTION AND VALUE, 1977-1978

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk, Market	1978	1,785,000	Cwt.	9.971	\$17,798,000
	*1977	1,834,000	"	9.612	17,628,000
Milk, Manufacturing	1978	47,200	"	9.32	440,000
	*1977	23,300	"	8.74	204,000
Wool	1978	210,000	Pound	.62	130,000
	1977	206,000	"	.65	134,000
Eggs, Chicken	1978	1,750,000	Dozen	.44	770,000
	1977	1,638,000	"	.49	803,000
Eggs, Turkey Hatching	1978	1,083,000	Each	.35	379,000
	1977	1,374,000	"	.37	508,000
TOTAL	1978				\$19,517,000
	*1977				19,277,000

*Revised

AGRICULTURAL CROP REPORT RECAPITULATION 1977-1978

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1978		\$ 791,000
	1977		466,000
Field Crops	1978	723,000	63,228,000
	1977	709,000	71,015,000
Fruit and Nut Crops	1978	87,361	89,034,000
	1977	78,300	94,822,000
Livestock and Poultry	1978		42,475,000
	*1977		33,277,000
Livestock and Poultry Products	1978		19,517,000
	*1977		19,277,000
Nursery Stock	1978	177	1,253,000
	1977	90	595,000
Seed Crops	1978	1,843	446,000
	1977	1,060	539,000
Vegetable Crops	1978	3,318	3,449,000
	1977	2,277	2,436,000
TOTAL	1978		\$220,193,000
	*1977		222,427,000

COMPARISON OF AGRICULTURAL VALUES

1978	\$220,193,000	*1969	\$84,846,000
*1977	222,427,000	*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
		1929	8,322,800

*Revised

JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	<u>January 1, 1978</u>	<u>January 1, 1979</u>
Cattle and Calves	117,900	115,000
Milk Cows and Heifers 2 years and over	13,600	14,500
Stock Sheep and Lambs	25,000	28,000
Hogs	1,800	2,500

"MILLION DOLLAR CROPS"

Grapes	\$69,953,000
Cattle and Calves	23,814,000
Cotton	19,622,000
Milk	18,238,000
Alfalfa	16,740,000
Turkeys	15,238,000
Almonds	6,768,000
Wheat	4,532,000
Pasture, Irrigated	4,510,000
Sugar Beets	3,787,000
Corn, Field	3,682,000
Pasture, Other	3,325,000
Oranges	3,022,000
Figs	2,487,000
Beans, Dry	1,880,000
Tomatoes	1,780,000
Corn, Silage	1,762,000
Barley, Irrigated	1,739,000
Vegetables, Misc.	1,669,000
Peaches, All	1,568,000
Plums	1,544,000
Walnuts	1,527,000
Started Pullets	1,335,000
Nursery	1,253,000
Sheep and Lambs	1,134,000

PERMANENT CROP ACREAGES

Crop	1948	1958	1968	1977	1978		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	580	1,512	8,448	18,069	17,355	3,114	20,469
Apples	70	132	52	99	54	48	102
Apricots	400	39	62	31	31	0	31
Avocados	--	--	4	3	3	0	3
Cherries	--	--	18	17	18	0	18
<i>Citrus:</i>							
Grapefruit	--	--	--	73	0	71	71
Lemons	--	--	45	95	96	0	96
Oranges	--	6	2,885	3,441	3,101	375	3,476
Tangelos	--	--	18	274	263	16	279
Tangerines	--	--	31	47	53	0	53
TOTAL CITRUS	--	6	2,979	3,930	3,513	462	3,975
Figs	1,597	2,069	2,923	4,581	2,646	1,918	4,564
<i>Grapes:</i>							
Raisin	15,658	19,421	27,927	29,566	29,007	945	29,952
Table	555	465	558	516	470	69	539
Wine	4,664	3,628	7,313	27,736	28,355	302	28,657
TOTAL GRAPES	20,877	23,514	35,798	57,818	57,832	1,316	59,148
Kiwis	--	--	--	39	13	26	39
Nectarines	146	216	193	316	243	73	316
Olives	589	539	785	2,062	1,391	785	2,176
Pears	--	15	1	.4	0	0	0
<i>Peaches:</i>							
Clingstone	160	759	1,711	526	530	37	567
Freestone	1,374	1,770	1,262	828	694	319	1,013
TOTAL PEACHES	1,534	2,529	2,973	1,354	1,224	356	1,580
Pecans	--	2	16	45	16	51	67
Persimmons	--	2	18	--	0	0	0
Pistachios	--	--	160	8,536	1,733	8,235	9,968
Plums	376	204	443	774	536	305	841
Pomegranates	--	2	2	254	3	404	407
Prunes	--	--	--	425	0	425	425
Walnuts	30	634	1,037	1,362	1,232	226	1,458
TOTAL PLANTED ACRES	26,199	31,415	55,912	99,715	87,843	17,744	105,587

Madera County Crop Report
1978-1977