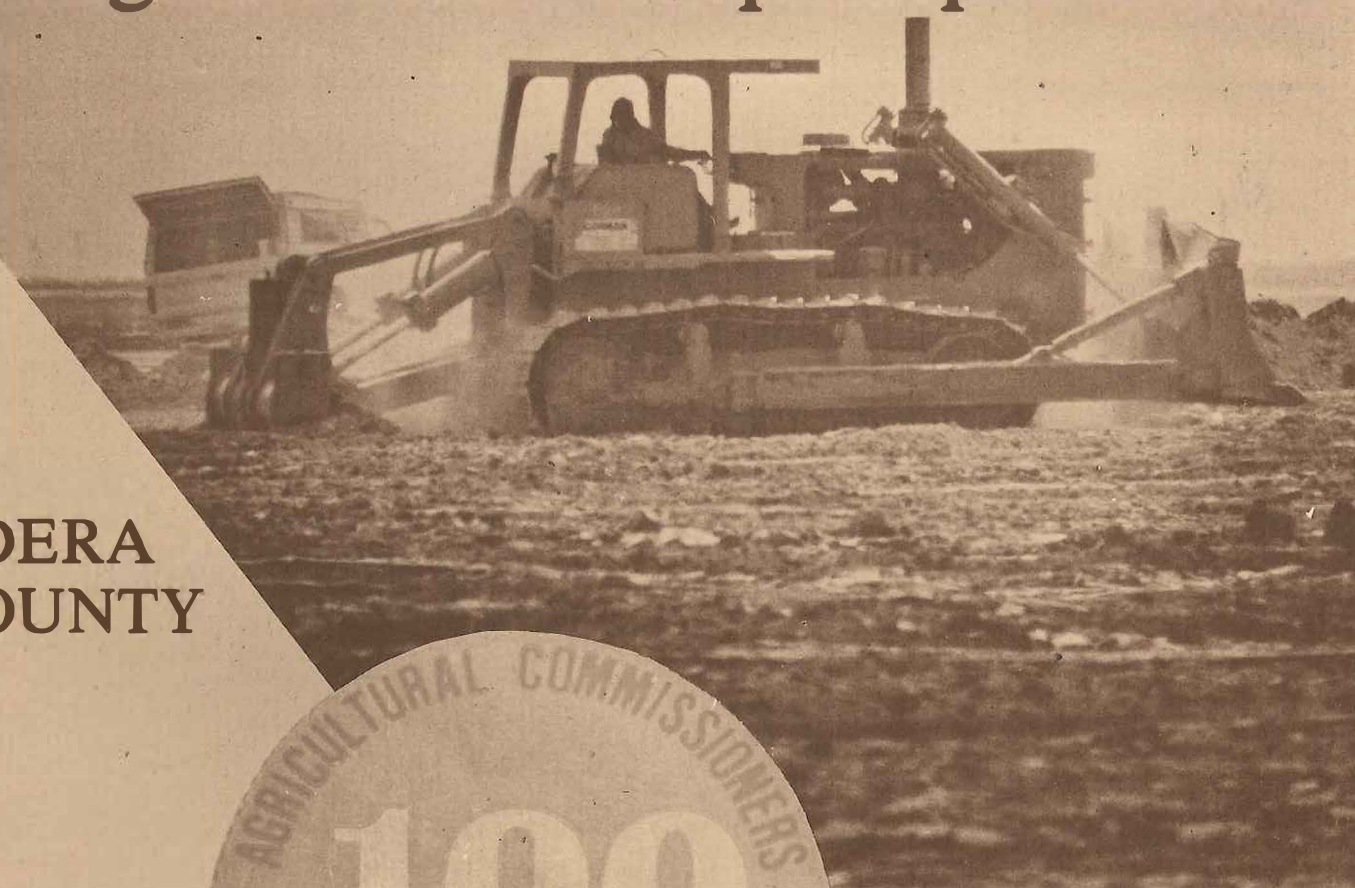


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Agricultural Crop Report



MADERA
COUNTY



DEPARTMENT OF AGRICULTURE
128 SOUTH MADERA AVENUE
MADERA, CALIFORNIA 93637

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

and

The Honorable Board of Supervisors
County of Madera

Gentlemen:

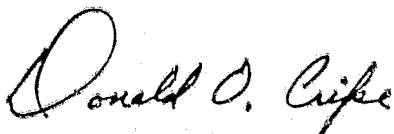
In accordance with Section 2279 of the California Food and Agricultural Code, The 1980 Crop Report for Madera County is hereby submitted.

The total value is \$396,046,000. An increase of approximately 29 million dollars or 7.9 percent over 1979. As in past years it must be emphasized that this is a gross figure and does not reflect net income to producers. The cost of production and marketing have risen far faster than income in many cases. Several independent studies indicate that net revenue may have declined significantly. The total shown indicates the tremendous importance of agriculture to the county's economy. Accumulated data indicates that agricultural revenue will recycle three to four times in the local economy greatly multiplying the total impact.

The Field Crop category registered the largest increase with wheat and cotton accounting for most of the gain. Fruit and Nut crops advanced significantly, with raisin grapes and pistachios leading the way. Livestock and Poultry products also increased due primarily to market milk. Apiary showed the largest percentage increase. The Livestock and Poultry and Nursery Stock categories declined in value. Seed Crops experienced the greatest percentage loss.

I sincerely appreciate the efforts of my staff, the staff of the Agricultural Extension Service, and the many other individuals who contributed to the preparation of this report. Special thanks go to Lore Whatley who was primarily responsible for typing and assembling the publication.

Respectfully submitted,



DONALD O. GRIPE
Agricultural Commissioner

About the Cover:

Depicted on the cover is a representation of the changes in Agriculture during the hundred year span of the Agricultural Commissioner system. Unique to California, this system combines the efforts of local county commissioners in cooperation with the State Department of Food and Agriculture. The effectiveness of this arrangement has helped to make California the consistent national leader in agricultural production.

Originally each county Board of Supervisors appointed a Board of Horticultural Commissioners, consisting of three members. These boards were replaced by a single Horticultural Commissioner and later by an Agricultural Commissioner.

Madera County was formed in 1893. In 1902 the court house burned destroying most of the early records. Following is a list of commissioners obtained from various sources.

F. J. Quant	1898-1902
Thomas Osborn	
Frank Femmons	
C. M. Petty	
Return Roberts	1902-1906
C. M. Petty	
W. M. Hughes	
Not Available	1906-1908
W. M. Hughes	1908-3/24/10
Return Roberts	
W.A. Moore	
George Marchbank	3/24/10 - 8/11/34
Niels Overgaard	9/4/34 - 6/3/43
George Alfred Pohl	6/7/43 - 12/15/48
Niels Overgaard	1/18/49 - 10/18/49
Howard T. McLean	10/19/49 - 8/15/64
James S. Davis	8/25/64 - 9/30/76
Donald O. Cripe	11/15/76 - Present

Special thanks go to the following people for supplying information regarding the list of former commissioners:

George Tipton, Deputy Agricultural Commissioner
William Fitcher, Orange County Agricultural Commissioner
Jeannie Turpenen, County Clerk's office

Cover photos by Joseph Oliva, Agricultural Inspector
Plow: Madera County Historical Society Museum
Tractor: Typical Madera County scene

Annual Crop Report 1980
Madera County

Compiled by:

George Tipton
Bill Carlson
Elvin Ballard

Board of Supervisors

J. Gordon Kennedy	District 1
Al Ginsburg	District 2
Elmo Del Bianco	District 3
Bill Hill	District 4
Donald Darnell, Chairman	District 5

County Administrative Officer

Donald Handly

Madera County Department of Agriculture
Staff

Donald O. Cripe, Agricultural Commissioner
George Tipton, Deputy Agricultural Commissioner

Inspectors

Elvin W. Ballard, Ag Inspector III
Willie E. Carlson, Ag Inspector III
Edward E. Bissett, Ag Inspector II
Joseph Oliva, Ag Inspector II
Robert J. Reed, Ag Inspector II
Robert Bryant, Ag Inspector I
Carolyn Lincoln, Ag Inspector I
Donald G. Mayeda, Ag Inspector I
Robert T. Foster, Weed and Rodent Control Man

Clerical

Lore Whatley
Dreana Long

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Barley, Irrigated	1980	11,000	1.55	17,050	Ton	\$114.00	\$ 1,944,000
	1979	21,000	1.75	36,750	"	102.00	3,748,000
Barley, Dryland	1980	4,000	.60	2,400	"	114.00	274,000
	1979	9,300	.90	8,400	"	102.00	857,000
Beans, Dry	1980	4,500	.70	3,150	"	500.00	1,575,000
	1979	6,700	.85	5,696	"	475.00	2,705,000
Corn, Field	1980	8,500	2.80	23,800	"	150.00	3,570,000
	1979	12,000	2.75	33,000	"	130.00	4,290,000
Corn, Silage	1980	5,800	23.50	136,000	"	17.00	2,317,000
	1979	6,000	23.50	141,000	"	13.00	1,833,000
Silage, Other	1980	1,000	15.00	15,000	"	15.00	225,000
	1979	1,000	15.00	15,000	"	11.00	165,000
Cotton, Lint	1980	56,520	890 ^{a/}	100,605	Bales	.84 ^{b/}	42,254,000
	1979	79,750	688 ^{a/}	112,510	"	.68 ^{b/}	37,310,000
Cotton, Seed	1980	xx	xx	43,560	Ton	154.00	6,708,000
	1979	xx	xx	41,166	"	128.30	5,282,000
Hay, Alfalfa	1980	42,000	6.50	273,000	"	100.00	27,300,000
	1979	43,000	6.80	292,000	"	100.00	29,200,000
Hay, Grain	1980	700	3.00	2,100	"	65.00	136,000
	1979	500	3.20	1,600	"	67.00	107,000
Oats	1980	3,700	1.20	4,440	"	150.00	666,000
	1979	3,800	1.00	3,800	"	135.00	513,000
Pasture, Irr.	1980	38,000	xx	xx	Acre	120.00	4,560,000
	1979	38,000	xx	xx	"	115.00	4,370,000
Pasture, Other	1980	400,000	xx	xx	"	10.00	4,000,000
	1979	407,000	xx	xx	"	10.00	4,070,000
Sorghum, Grain	1980	2,700	1.75	4,725	Ton	125.00	591,000
	1979	3,000	1.75	5,250	"	103.00	541,000

a/ Pounds
b/ Per Pound

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Stubble <u>a/</u>	1980	15,000	xx	xx	Acre	\$ 6.00	\$ 90,000
	1979	10,000	xx	xx	"	3.50	35,000
Sugar Beets	1980	6,200	24.40	151,000	Ton	43.50	6,568,000
	1979	7,500	27.50	206,000	"	24.50	5,047,000
Wheat	1980	50,000	2.75	137,000	"	132.00	18,084,000
	1979	25,000	2.25	56,000	"	120.00	6,720,000
Misc. <u>b/</u>	1980	550	xx	xx	"	467.00	257,000
	1979	600	xx	xx	"	250.00	150,000
TOTAL	1980	650,000					\$121,119,000
	1979	674,000					106,943,000

SEED CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Other Seed <u>c/</u>	1980	500	xx	2,258,000	Pound	xx	\$217,000
	1979	1,237	xx	3,654,000	"	xx	875,000
TOTAL	1980	500					\$217,000
	1979	1,237					875,000

a/ Includes corn, grain and alfalfa

b/ Includes beans, rice, safflower, and soybeans

c/ Includes barley, oats, wheat, onions, carrots

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Almonds (1)	1980	19,960	.55	10,978	Ton	\$2,940.00	\$32,275,000
	1979	19,473	.59	11,489	"	3,100.00	35,616,000
Almond Hulls	1980	xx	xx	21,956	"	70.00	1,537,000
	1979	xx	xx	22,978	"	45.00	1,034,000
Apples	1980	47	3.00	141	"	200.00	28,000
	1979	46	3.00	138	"	182.00	25,000
Apricots	1980	54	6.50	351	"	200.00	70,000
	1979	53	6.30	334	"	200.00	67,000
Figs	1980	2,822	1.10	3,104	"	1,150.00	3,570,000
	1979	2,821	1.00	2,821	"	1,400.00	3,949,000
Grapes, Raisin Total	1980	30,566	xx	228,159	"	xx	76,406,000
	1979	29,571	xx	189,853	"	xx	66,740,000
Dried	1980	14,683	2.84	41,700	"	1,100.00	45,870,000
	1979	13,632	2.64	35,988	"	1,100.00	39,587,000
Crushed	1980	14,683	11.50	168,854	"	143.00	24,146,000
	1979	14,639	10.00	146,390	"	150.00	21,958,000
Fresh Market	1980	1,200	7.50	9,000	"	710.00	6,390,000
	1979	1,300	5.75	7,475	"	695.00	5,195,000
Grapes, Wine Total	1980	26,251	9.50	249,384	"	153.00	38,156,000
	1979	28,349	9.70	274,985	"	150.00	41,248,000
Nectarines	1980	278	10.00	2,780	"	200.00	556,000
	1979	289	12.00	3,468	"	280.00	971,000
Olives	1980	1,826	3.50	6,391	"	400.00	2,556,000
	1979	1,605	2.15	3,451	"	400.00	1,380,000
Oranges	1980	3,362	9.00	30,258	"	140.00	4,236,000
	1979	3,159	5.96	18,828	"	200.00	3,766,000
Peach, Cling	1980	566	14.50	8,207	"	169.00	1,387,000
	1979	541	11.75	6,357	"	160.00	1,017,000
Peach, Free	1980	813	xx	10,221	"	xx	2,994,000
	1979	734	xx	9,212	"	xx	2,290,000

(1) Meat Basis

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Peach, Free (continued) Fresh Market	1980	600	11.00	6,600	Ton	\$ 385.00	\$ 2,541,000
	1979	500	10.00	5,000	"	340.00	1,700,000
Processing	1980	213	17.00	3,621	"	125.00	453,000
	1979	234	18.00	4,212	"	140.00	590,000
Pistachios	1980	8,339	.31	2,585	"	4,800.00	12,408,000
	1979	3,815	.65	2,480	"	3,300.00	8,183,000
Plums	1980	633	7.40	4,684	"	300.00	1,405,000
	1979	585	7.80	4,563	"	325.00	1,483,000
Walnuts	1980	1,196	1.55	1,854	"	800.00	1,483,000
	1979	1,308	2.00	2,616	"	825.00	2,158,000
TOTAL	1980	97,713	xx	xx		xx	\$179,067,000
	1979	92,349	xx	xx		xx	169,927,000

APIARY PRODUCTS: PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	PRODUCTION		UNIT	VALUE	
		TOTAL			PER UNIT	TOTAL
Honey	1980	458,000		Pound	.48	\$220,000
	1979	450,000		"	.45	202,000
Beeswax	1980	7,600		"	1.85	14,000
	1979	7,500		"	1.75	13,000
Pollination	1980	50,000		Colony	18.00	900,000
	1979	40,000		"	13.00	520,000
Nuclei	1980	1,200		Each	28.00	34,000
	1979	1,100		"	25.00	27,000
Queen Cells, Queens & Package Bees	1980	16,000			xx	95,000
	1979	15,000			xx	80,000
TOTAL	1980					\$1,263,000
	1979					842,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Tomatoes	1980	1,100	29.10	32,010	Ton	\$47.70	\$1,527,000
Processing Var.	1979	1,453	20.00	29,060	"	56.70	1,648,000
Vegetables, Misc.	1980	3,000	xx	xx		xx	2,042,000
<u>a/</u>	1979	2,765	xx	xx		xx	1,919,000
TOTAL	1980	4,100					\$3,569,000
	1979	4,218					3,567,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1979-1980

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock <u>b/</u>	1980	275	\$2,922,000
	1979	225	3,477,000
TOTAL	1980	275	2,922,000
	1979	225	3,477,000

a/ Includes cucumbers, all melons, lettuce, fresh tomatoes, dry beans, peppers

b/ Grapevines

Citrus

Pistachios

Figs

Christmas trees

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1980	46,415	424,100	CWT.	\$67.24	\$28,516,000
	1979	54,813	517,400	"	63.00	32,596,000
Hogs	1980	1,400	2,150	"	40.90	88,000
	1979	1,600	2,750	"	45.00	124,000
Sheep and Lambs	1980	23,500	21,100	"	63.00	1,329,000
	1979	22,000	19,800	"	66.00	1,307,000
Broilers and Fryers	1980	1,475,000	6,873,000	Pound	.317	2,179,000
	1979	910,000	3,849,000	"	.295	1,135,000
Started Pullets	1980	363,000	xx	Each	2.36	857,000
	1979	608,000	xx	"	2.30	1,398,000
Other Chickens	1980	80,000	480,000	Pound	.09	43,000
	1979	53,000	318,000	"	.104	33,000
Turkeys	1980	2,952,000	55,385,000	"	.41	22,708,000
	1979	2,540,000	45,720,000	"	.42	19,202,000
TOTAL	1980					55,720,000
	1979					55,795,000

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE, 1979-1980

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk, Market	1980	2,463,000	CWT.	\$12.39	\$30,517,000
	*1979	2,064,410	"	11.57	23,885,000
Milk, Manufacturing	1980	33,700	"	11.96	403,000
	*1979	26,090	"	10.51	274,000
Wool	1980	242,000	Pound	.80	194,000
	1979	223,000	"	.77	172,000
Eggs, Chicken	1980	1,500,000	Dozen	.48	720,000
	1979	1,700,000	"	.485	824,000
Eggs, Turkey Hatching	1980	745,000	Each	.45	335,000
	1979	1,236,000	"	.42	519,000
TOTAL * Revised	1980				\$32,169,000
	*1979				25,674,000

AGRICULTURAL CROP REPORT RECAPITULATION 1979-1980

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1980		\$ 1,263,000
	1979		842,000
Field Crops	1980	652,000	121,119,000
	1979	674,000	106,943,000
Fruit and Nuts Crops	1980	97,713	179,067,000
	1979	92,349	169,927,000
Livestock and Poultry	1980		55,720,000
	1979		55,795,000
Livestock and Poultry Products	1980		32,169,000
	*1979		25,674,000
Nursery Stock	1980	275	2,922,000
	1979	225	3,477,000
Seed Crops	1980	500	217,000
	1979	1,237	875,000
Vegetable Crops	1980	4,400	3,569,000
	1979	4,218	3,567,000
TOTAL	1980		\$396,046,000
	*1979		367,100,000

COMPARISON OF AGRICULTURAL VALUES

1980	\$396,046,000	*1971	\$105,249,000
*1979	367,100,000	*1970	91,057,000
*1978	219,906,000	*1969	84,846,000
*1977	222,427,000	*1968	80,181,650
*1976	199,078,000	*1967	80,372,000
*1975	183,390,000	*1966	78,602,000
*1974	183,869,000	*1965	82,647,000
*1973	171,610,000	*1959	65,550,421
*1972	122,387,000	1949	42,983,325
		1939	7,825,450

*Revised

JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	<u>January 1, 1980</u>	<u>January 1, 1981</u>
Cattle and Calves	115,000	123,000
Milk Cows and Heifers 2 years and over	16,000	16,500
Stock Sheep and Lambs	29,000	31,500
Hogs	2,600	2,400

"MILLION DOLLAR CROPS"

Grapes, All	\$114,562,000
Cotton	48,962,000
Almonds	33,812,000
Milk	30,920,000
Cattle & Calves	28,516,000
Alfalfa	27,300,000
Turkeys	22,708,000
Wheat	18,084,000
Pistachios	12,408,000
Sugar Beets	6,568,000
Pasture, Irrigated	4,560,000
Peaches, All	4,381,000
Oranges	4,236,000
Pasture, Other	4,000,000
Corn, Field	3,570,000
Figs	3,570,000
Nursery	2,922,000
Olives	2,556,000
Corn, Silage	2,317,000
Barley, All	2,218,000
Broilers & Fryers	2,179,000
Vegetables, Misc.	2,042,000
Beans, Dry	1,575,000
Tomatoes	1,527,000
Walnuts	1,483,000
Plums	1,405,000
Sheep & Lambs	1,329,000

PERMANENT CROP ACREAGES

Crop	1949	1959	1969	1979	1980		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	513	1,710	9,220	22,185	19,960	5,301	25,261
Apples	71	132	52	94	47	145	192
Apricots	116	46	62	75	54	22	76
Avocados	--	--	4	3	3	2	5
Cherries	--	--	18	18	18	0	18
<i>Citrus:</i>							
Grapefruit	--	--	--	71	28	43	71
Lemons	--	--	52	96	96	0	96
Oranges	--	16	3,079	3,441	3,362	318	3,680
Tangelos	--	--	158	279	303	0	303
Tangerines	--	--	47	53	53	0	53
TOTAL CITRUS	--	16	3,336	3,940	3,842	361	4,203
Figs	1,467	2,264	2,865	6,485	2,822	3,770	6,592
<i>Grapes:</i>							
Raisin	14,689	22,275	28,080	31,905	30,566	4,430	34,996
Table	505	465	511	674	530	319	849
Wine	3,964	4,001	7,633	30,046	25,721	5,458	31,179
TOTAL GRAPES	19,158	26,741	36,224	62,625	56,817	10,207	67,024
Kiwis	--	--	--	39	22	33	55
Nectarines	77	225	193	372	278	203	481
Olives	660	538	785	2,176	1,826	350	2,176
Pears	--	15	1	0	0	0	0
<i>Peaches:</i>							
Clingstone	304	1,164	1,711	566	566	0	566
Freestone	1,057	1,889	1,274	1,036	813	477	1,290
TOTAL PEACHES	1,361	3,053	2,985	1,602	1,379	477	1,856
Pecans	--	2	17	70	26	104	130
Persimmons	--	2	18	0	0	0	0
Pistachios	--	--	363	10,343	8,339	2,634	10,973
Plums	304	225	444	988	633	339	972
Pomegranates	--	2	2	405	393	12	405
Prunes	--	--	--	425	0	445	445
Walnuts	48	749	1,072	1,454	1,196	403	1,599
TOTAL PLANTED ACRES	23,775	35,720	57,661	113,299	97,655	24,808	122,463

Madera County Crop Report
1980-1979