

Agricultural Crop Report - Madera County

1996



CLIFFORD L. WHATLEY



Madera County Department of Agriculture Weights and Measures

Robert J. Rolan, Agricultural Commissioner
Sealer of Weights and Measures

David A. Robinson, Assistant
Commissioner/Sealer

Ann M. Veneman, Secretary
California Department of Food and Agriculture

and

The Honorable Board of Supervisors
County of Madera

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 1996 Agricultural Crop Report.

The gross production value reached a record high of \$713,748,000. This represents an increase of \$110 million dollars, or nearly 19 percent over 1995. Pistachios soared over 90% in value, due to an increase in prices and a high production year. Wine grapes, fueled by favorable prices, increased in value by 31%. Almonds and cotton recovered from storm-affected 1995 levels to show 12% and 18% gains, respectively. The value of wheat rose by 136% and milk used for manufacturing purposes increased in value more than 330% over the previous year. Prunes have been included as a separate commodity for the first time this year after having been combined with other minor fruit and nut crops in past reports.

It must be emphasized that the values represented indicate gross values only and are not intended to represent net income to individual producers.

I sincerely appreciate the efforts of my staff, in particular, Scott Porteous and Stevie McNeill, who compiled this report, as well as the staff of the University of California Cooperative Extension, local growers and ranchers, and industry representatives who contributed to the preparation of this report.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Robert J. Rolan", written over a horizontal line.

Robert J. Rolan
Agricultural Commissioner

Original artwork by Clifford Whatley, son of our Administrative Assistant, Lore Ciuffoli.

**1996 AGRICULTURAL CROP REPORT
MADERA COUNTY**

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Frances Speelmon, Office Assistant II



FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley, Irrigated	1996	1,665	1.70	2,831	Ton	\$149.00	\$ 422,000
	1995	2,804	1.60	4,486	"	110.00	493,000
Beans, Dry a/	1996	4,342	1.00	4,342	"	600.00	2,605,000
	1995	3,720	1.15	4,278	"	500.00	2,139,000
Corn, Field	1996	12,430	4.40	54,692	"	149.00	8,149,000
	1995	8,400	4.10	34,440	"	140.00	4,822,000
Corn, Silage	1996	3,900	27.00	105,300	"	23.00	2,422,000
	1995	5,300	27.00	143,100	"	23.00	3,291,000
Silage, Other b/	1996	1,800	13.00	23,400	"	20.00	468,000
	1995	1,800	12.00	21,600	"	19.00	410,000
Cotton, Lint	1996	47,273	1,290 c/	121,964	Bales	.80 d/	48,786,000
	1995	51,334	979 c/	100,512	"	.82 d/	41,210,000
Cotton, Seed	1996	xx	xx	50,920	Ton	180.00	9,166,000
	1995	xx	xx	43,258	"	162.00	7,008,000
Hay, Alfalfa	1996	36,722	7.30	268,071	"	120.00	32,169,000
	1995	36,782	7.60	279,543	"	119.00	33,266,000
Pasture, Irrigated	1996	5,000	xx	xx	"	120.00	600,000
	1995	5,000	xx	xx	"	120.00	600,000
Pasture, Other	1996	381,000	xx	xx	"	8.00	3,048,000
	1995	389,000	xx	xx	"	8.00	3,112,000
Stubble e/	1996	14,000	xx	xx	"	14.00	196,000
	1995	14,000	xx	xx	"	14.00	196,000
Sugar Beets	1996	908	32.00	29,056	"	32.50	944,000
	1995	1,119	26.95	30,157	"	36.90	1,113,000

- a/ Includes black-eyes, kidneys, and limas
- b/ Includes alfalfa, oats, and winter forage
- c/ Pounds
- d/ Per Pound
- e/ Includes alfalfa, corn, and grain



FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Wheat	1996	27,078	2.60	70,403	Ton	\$149.00	\$ 10,490,000
	1995	15,385	2.31	35,539	"	125.00	4,442,000
Misc. a/	1996	9,198	xx	xx	xx	xx	2,571,000
	1995	7,631	xx	xx	xx	xx	2,024,000
TOTAL	1996	545,316					\$122,036,000
	1995	542,275					104,126,000

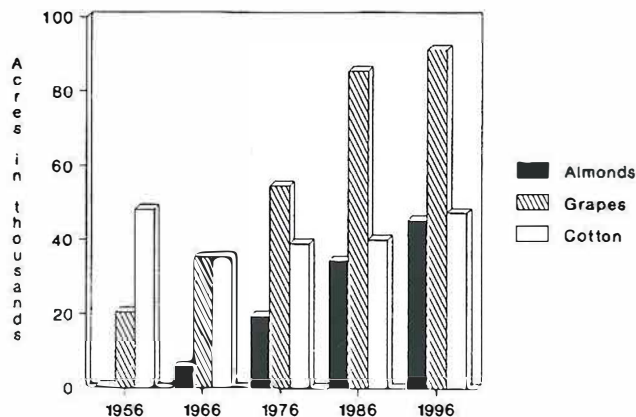
VEGETABLE CROPS, ACREAGE, PRODUCTION, AND VALUE 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Vegetables b/	1996	6,981	xx	xx	xx	xx	\$ 11,416,000
	1995	5,923	xx	xx	xx	xx	7,359,000

a/ Includes dryland grains, oats, rice, sorghum, safflower, and seed crops

b/ Includes broccoli, carrots, all cabbage, cucumbers, garlic, onions, all melons, all peppers, pumpkins, all squash, all tomatoes, and miscellaneous truck crops

Acres Change in Major Madera Crops





FRUIT AND NUT CROPS, ACREAGE, PRODUCTION, AND VALUE 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds a/	1996	41,160	.63	25,931	Ton	\$4,020.00	\$104,243,000
	1995	40,544	.47	19,056	"	4,880.00	92,993,000
Almond Hulls	1996	xx	xx	51,862	"	84.00	4,356,000
	1995	xx	xx	38,111	"	70.00	2,668,000
Apples b/	1996	3,070	9.20	28,244	"	682.00	19,262,000
	1995	2,817	10.60	29,860	"	628.00	18,752,000
Figs	1996	8,381	1.65	13,829	"	1,040.00	14,382,000
	1995	7,675	1.34	10,285	"	1,183.00	12,167,000
Grapes, Raisin	1996	43,499	xx	xx	"	xx	102,938,000
	1995	42,956	xx	xx	"	xx	87,332,000
Dried	1996	29,931	2.07	61,957	"	1,000.00	61,957,000
	1995	28,506	2.02	57,582	"	930.00	53,551,000
Crushed	1996	10,376	9.30	96,497	"	191.00	18,431,000
	1995	11,014	9.00	99,126	"	164.00	16,257,000
Fresh	1996	3,192	7.10	22,663	"	995.00	22,550,000
	1995	3,436	6.80	23,365	"	750.00	17,524,000
Grapes, Table	1996	2,521	6.42	16,185	"	998.00	16,153,000
	1995	2,429	7.09	17,222	"	950.00	16,361,000
Grapes, Wine c/	1996	39,481	xx	xx	"	xx	101,977,000
	1995	38,508	xx	xx	"	xx	77,795,000
Red Varieties	1996	15,886	8.35	132,648	"	337.00	44,702,000
	1995	15,403	8.20	126,305	"	283.00	35,744,000
White Varieties	1996	23,595	10.60	250,107	"	229.00	57,275,000
	1995	23,105	10.40	240,292	"	175.00	42,051,000

a/ Meat basis

b/ Total production & value includes apples harvested from non-bearing acreage

c/ Includes table grapes crushed

 FRUIT AND NUT CROPS, ACREAGE, PRODUCTION, AND VALUE 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Nectarines	1996	707	5.22	3,691	Ton	\$ 706.00	\$ 2,606,000
	1995	856	5.98	5,119	"	670.00	3,430,000
Olives	1996	1,781	7.26	12,930	"	682.00	8,818,000
	1995	1,781	4.50	8,015	"	645.00	5,170,000
Oranges	1996	4,288	12.80	54,886	"	233.00	12,788,000
	1995	4,224	13.87	58,587	"	221.00	12,948,000
Peach, Free	1996	1,075	8.50	9,138	"	759.00	6,936,000
	1995	993	7.20	7,150	"	678.00	4,848,000
Pistachios a/	1996	17,157	1.02	17,500	"	2,880.00	50,400,000
	1995	16,247	0.85	13,810	"	1,920.00	26,515,000
Plums	1996	1,362	7.43	10,120	"	669.00	6,770,000
	1995	1,321	4.91	6,486	"	960.00	6,227,000
Prunes b/	1996	1,253	3.30	4,135	"	900.00	3,722,000
	1995	Included in Misc. crops					
Walnuts	1996	876	1.41	1,235	"	1,700.00	2,100,000
	1995	876	1.29	1,130	"	1,460.00	1,650,000
Misc. c/	1996	1,656	xx	xx	xx	xx	5,477,000
	1995	2,749	xx	xx	xx	xx	11,587,000
TOTAL	1996	168,267					\$462,928,000
	1995	163,976					380,443,000

a/ Total production and value includes pistachios harvested from non-bearing acreage

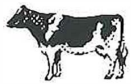
b/ Dried weight

c/ Includes apricots, cherries, cling peaches, kiwis, lemons, pears, pecans, tangerines, tangelos, persimmons, and pomegranates



APIARY PRODUCTS 1995-1996

ITEM	YEAR	PRODUCTION TOTAL	UNIT	PER UNIT	TOTAL
Honey	1996	525,540	Pound	\$.85	\$ 447,000
	1995	1,320,000	"	.60	792,000
Pollination	1996	112,710	Colony	38.00	4,283,000
	1995	105,000	"	35.00	3,675,000
TOTAL	1996				\$ 4,730,000
	1995				4,467,000



LIVESTOCK AND POULTRY: PRODUCTION AND VALUE 1995-1996

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	1996	33,053	228,066	CWT.	\$56.00	\$12,772,000
	1995	46,560	321,264	"	64.50	20,722,000
Hogs	1996	5,000	4,500	"	65.00	293,000
	1995	6,400	5,440	"	39.70	216,000
Sheep & Lambs	1996	Reported in Other Livestock and Poultry Products				
	1995	7,800	8,580	"	79.20	680,000
All Chickens	1996	3,104,000	15,706,240	Pound	.328	5,152,000
	1995	3,247,000	16,397,530	"	.330	5,411,000
Turkeys	1996	2,291,730	42,997,913	"	.448	19,263,000
	1995	1,914,000	40,035,000	"	.401	16,054,000
TOTAL	1996					\$37,480,000
	1995					43,083,000



LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE 1995-1996

ITEM	YEAR	PRODUCTION	UNIT	UNIT	TOTAL
Milk, Market	1996	4,626,887	CWT.	\$13.47	\$ 62,324,000
	1995	4,698,337	"	11.43	53,702,000
Milk Manufacturing	1996	298,401	"	13.90	4,148,000
	1995	81,302	"	11.86	964,000
Wool	1996	Reported in Other Livestock and Poultry Products			
	1995	62,400	"	.79	49,000
Other Livestock & Poultry Products a/	1996	xx	xx	xx	1,727,000
	1995	xx	xx	xx	902,000
TOTAL	1996				\$68,199,000
	1995				55,617,000

NURSERY PRODUCTS: ACREAGE AND VALUE 1995-1996

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock b/	1996	503	\$ 5,324,000
	1995	365	3,470,000

FOREST PRODUCTS: PRODUCTION AND VALUE 1995-1996

ITEM	YEAR	PRODUCTION	UNIT	TOTAL VALUE
Timber	1996	5,006	MBF	\$ 1,635,000
	1995	12,900	"	4,700,000

a/ Includes market eggs, fertilizer, wool, sheep and lambs

b/ Includes citrus, figs, grapevines, pistachios, Christmas trees, vegetables, and ornamentals

AGRICULTURAL CROP REPORT SUMMARY 1995-1996

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1996		\$ 4,730,000
	1995		4,467,000
Field Crops	1996	545,316	122,036,000
	1995	542,275	104,126,000
Fruit & Nut Crops	1996	168,267	462,928,000
	1995	163,976	380,443,000
Livestock & Poultry	1996		37,480,000
	1995		43,083,000
Livestock & Poultry Products	1996		68,199,000
	1995		55,617,000
Nursery	1996	503	5,324,000
	1995	365	3,470,000
Timber Products	1996	5,006 MBF	1,635,000
	1995	12,900 MBF	4,700,000
Vegetable Crops	1996	6,981	11,416,000
	1995	5,923	7,359,000
TOTAL	1996		\$713,748,000
	1995		603,267,000

COMPARISON OF AGRICULTURAL VALUES

1996	\$713,748,000	* 1989	\$478,466,000
1995	603,267,000	* 1988	449,690,000
* 1994	615,011,000	* 1987	430,633,000
* 1993	621,410,000	* 1986	372,276,000
* 1992	602,187,000	* 1976	198,927,000
		* 1966	78,602,000
* 1991	482,250,000	* 1956	60,110,000
		* 1946	49,766,000
* 1990	526,297,000	* 1936	7,998,000

* Revised

MILLION DOLLAR CROPS

CROP	1996 RANK	1996 STANDINGS	1995 RANK
Almonds	1	\$104,243,000	1
Grapes, Raisin	2	102,938,000	2
Grapes, Wine	3	101,977,000	3
Milk, Market	4	62,324,000	4
Pistachios	5	50,400,000	7
Cotton, Lint	6	48,786,000	5
Hay, Alfalfa	7	32,169,000	6
Turkeys	8	19,263,000	11
Apples	9	19,262,000	9
Grapes, Table	10	16,153,000	10
Figs	11	14,382,000	13
Oranges	12	12,788,000	12
Cattle and Calves	13	12,772,000	8
Vegetables	14	11,416,000	14
Wheat	15	10,490,000	23
Cotton, Seed	16	9,166,000	15
Olives	17	8,818,000	18
Corn, Field	18	8,149,000	20
Peach, Free	19	6,936,000	19
Plums	20	6,770,000	16
Nursery Stock	21	5,324,000	24
Chickens	22	5,152,000	17
Apiary/Pollination	23	4,730,000	22
Almond Hulls	24	4,356,000	28
Milk, Manufacturing	25	4,148,000	--
Prunes	26	3,722,000	--
Pasture, Other	27	3,048,000	27
Nectarines	28	2,606,000	25
Beans, Dry	29	2,605,000	29
Corn, Silage	30	2,422,000	26
Walnuts	31	2,100,000	30
Timber	32	1,635,000	21

COUNTRIES RECEIVING MADERA COUNTY PRODUCE IN 1996

Argentina	Germany	Russia
Austria	Hong Kong	Saudi Arabia
Australia	Israel	Singapore
Belgium	Italy	Spain
Brazil	Japan	Sweden
Canada	Korea	Switzerland
Chile	Lebanon	Taiwan
China	Macau	Thailand
Denmark	Malaysia	Turkey
Dominican Republic	Mexico	United Arab Emirates
Ecuador	Netherlands	United Kingdom
France	New Zealand	Venezuela
French Polynesia	Panama	Vietnam
Greece	Philippines	

PERMANENT CROP ACRES

CROP	1966	1976	1986	1995	1996		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	5,766	19,396	34,153	42,083	41,160	3,982	45,142
Apples	103	94	1,550	3,239	3,070	199	3,269
Apricots	58	57	135	80	76	--	76
Cherries	23	13	--	122	52	71	123
Citrus							
Lemons	3	92	82	82	82	--	82
Oranges	2,242	3,710	3,850	4,427	4,288	122	4,410
* Tangerines	65	339	410	438	414	58	472
TOTAL CITRUS	2,310	4,141	4,271	4,947	4,784	180	4,964
Figs	2,758	4,383	6,831	8,992	8,381	1,210	9,591
Grapes							
Raisin	27,499	29,884	42,026	44,148	43,499	799	44,298
Table	506	567	2,344	2,685	2,521	171	2,692
Wine, Red	5,818	14,366	15,753	16,865	15,886	1,759	17,645
Wine, White	1,396	9,713	24,985	24,589	23,595	2,814	26,409
TOTAL GRAPES	35,219	54,530	85,108	88,287	85,501	5,543	91,044
Kiwis	--	19	130	168	152	--	152
Nectarines	127	261	765	961	707	63	770
Olives	866	1,851	1,746	1,781	1,781	--	1,781
Peaches							
Clingstone	1,506	544	477	818	740	78	818
Freestone	1,282	1,157	1,368	1,130	1,075	55	1,130
TOTAL PEACHES	2,788	1,701	1,746	1,948	1,815	133	1,948
Pears	6	--	--	38	33	5	38
Pecans	11	50	130	74	74	--	74
Persimmons	19	3	6	15	13	2	15
Pistachios	--	9,123	18,164	18,224	17,157	1,977	19,134
Plums	442	690	1,218	1,524	1,362	121	1,483
Pomegranates	--	374	370	20	20	--	20
Prunes	--	365	735	1,429	1,253	122	1,375
Walnuts	211	1,665	2,062	876	876	41	917
TOTAL PLANTED ACRES	50,707	98,716	159,290	174,808	168,267	13,650	181,916

* Includes Tangerines, Mandarins, and Tangelos

MADERA COUNTY ANNUAL SUSTAINABLE AGRICULTURAL REPORT

COUNTY BIOLOGICAL CONTROL

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>PROGRAM SCOPE</u>
Yellow Star Thistle <i>Centaurea solstitialis</i>	Seed Head Weevil <i>Bangasternus orientalis</i>	2 Sites
Puncture Vine <i>Tribulus maruianum</i>	Seed and Stem Weevil <i>Microlepidus lareynii</i> <i>Microlepidus lypriformis</i>	Countywide
Klamath Weed <i>Hypericum perforatum</i>	Klamath Weed Beetle <i>Chrysolina quadrigemina</i>	3 Sites
Ash Whitefly <i>Siphoninus philyreae</i>	Wasp <i>Encarsia nr. inaron</i>	Countywide
Russian Thistle <i>Salsola iberica</i>	Seed Head Weevil <i>Coleophora klimeschiella</i>	3 sites

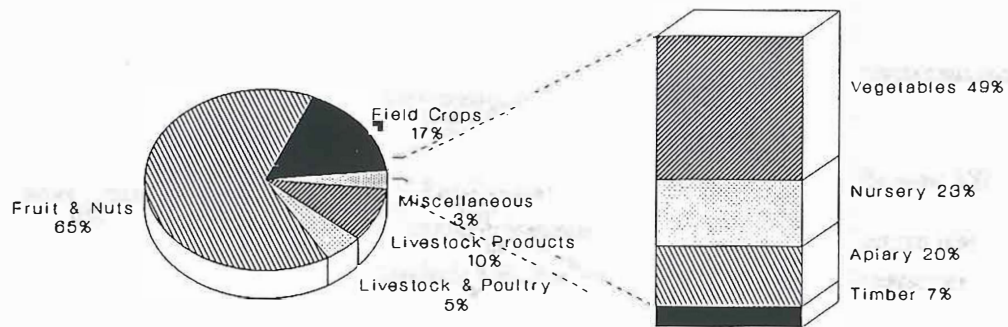
COUNTY PEST ERADICATION

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>PROGRAM SCOPE</u>
Pink Bollworm <i>Pectinophora gossypiella</i>	Mechanical/ Host Free Period	47,273 acres

ORGANIC FARMING STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>
Various Crops	13	1,825

MADERA COUNTY 1996 TOTAL CROP VALUE



GROWTH IN MADERA COUNTY AGRICULTURE OVER A TWENTY YEAR SPAN

