

**1988**  
**MADERA COUNTY**  
**Agricultural Crop Report**

**Madera County Department Of Agriculture**  
332 Madera Avenue Madera, California 93637





Jack C. Parnell, Director  
California Department of Food and Agriculture  
and

The honorable Board of Supervisors  
County of Madera

In accordance with section 2279 of the California Food and Agricultural Code, I hereby submit the 1988 crop report for Madera County.

The total value is \$446,010,000; an increase of approximately fifteen and one half million dollars, or three and one half percent.

The Fruit and Nut Crop category was the leading gainer; followed by Field Crops, Livestock & Poultry Products, Nursery Products, Livestock and Poultry and Apiary in that order. Timber Products declined the most with Vegetable Crops and Seed Crops also decreasing.

I would like to devote a little space to the subject of food safety. It is well known that California has the strictest and most comprehensive pesticide regulations in the world. The verification that these regulations are working properly is the residue testing program. This program has been carried out for many years. The results have been very consistent:

There are no residues detected in about 80% of the samples.

Residues below established tolerances are found in about 18% of the samples. Most of these are less than half the tolerance allowed.

Less than 2% are over tolerance. Even these rarely present any health risk because of margins of safety included.

Carl Winter, toxicologist for the Cooperative Extension, University of California, Riverside, reports that naturally occurring chemicals far exceed the traces of man-made pollutants in food. Even so, these "natural pesticides" are not considered concentrated enough to be dangerous.

The evidence is clear. Food grown under California's tight regulatory program is safe and healthful.

I sincerely appreciate the efforts of my staff, the staff of the U.C. Cooperative Extension Service and the many individuals who contributed to the preparation of this report. Special thanks go to Sis Lincoln who compiled the report and to Lore Whatley who was responsible for typing and assembling the publication.

Respectfully Submitted,

*Donald O. Cripe*

Donald O. Cripe  
Agricultural Commissioner

#### About the Cover:

It is extremely rare to feature a person on an annual crop report. George Tipton, Assistant Agricultural Commissioner is a rare individual. A native Maderan, he has been employed by the Madera County Agricultural Commissioner's office for 42 years beginning in 1947. He has served with five different Agricultural Commissioners in his career. He exhibits a unique blend of knowledge, experience and common sense. He also combines a strong work ethic with friendliness and humor. We wish him well in retirement; he will be sorely missed.

ANNUAL CROP REPORT 1988  
MADERA COUNTY

Compiled By:

Carolyn Lincoln

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Donald Handly

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Lore Whatley, Department Secretary  
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Tammy Dodson, Office Assistant

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley, Irrigated	1988	6,000	1.96	11,760	Ton	\$108.00	\$ 1,270,000
	1987	5,400	1.87	10,098	"	89.00	899,000
Beans, Dry	1988	4,900	1.00	4,900	"	515.00	2,524,000
	1987	4,700	1.15	5,405	"	500.00	2,703,000
Corn, Field	1988	11,000	4.33	47,630	"	126.00	6,000,000
	1987	12,000	4.42	53,040	"	108.00	5,728,000
Corn, Silage	1988	5,000	26.00	130,000	"	18.50	2,405,000
	1987	5,500	25.00	137,500	"	15.00	2,063,000
Silage, Other <u>a/</u>	1988	2,100	15.00	31,500	"	12.50	394,000
	1987	2,000	12.40	24,800	"	12.00	298,000
Cotton, Lint	1988	51,000	1077 <u>b/</u>	109,854	"	.65 <u>c/</u>	35,703,000
	1987	43,550	1105 <u>b/</u>	96,245	Bales	.70 <u>c/</u>	33,686,000
Cotton, Seed	1988	xx	xx	45,370	Ton	151.00	6,851,000
	1987	xx	xx	38,546	"	117.00	4,510,000
Hay, Alfalfa	1988	26,500	7.29	193,185	"	88.00	17,000,000
	1987	28,000	7.50	210,000	"	85.00	17,850,000
Hay, Grain	1988	1,600	2.95	4,720	"	70.00	330,000
	1987	1,800	3.63	6,534	"	56.00	366,000
Pasture, Irrigated	1988	17,500	xx	xx	Acre	125.00	2,188,000
	1987	19,000	xx	xx	"	120.00	2,280,000
Pasture, Other	1988	405,000	xx	xx	"	9.00	3,645,000
	1987	407,500	xx	xx	"	9.00	3,668,000
Stubble <u>d/</u>	1988	24,000	xx	xx	"	15.50	372,000
	1987	24,000	xx	xx	"	15.00	360,000
Sugar Beets	1988	3,500	29.85	104,475	Ton	31.55	3,296,000
	1987	3,700	33.39	123,543	"	30.85	3,811,000

a/ Includes Alfalfa, Oats & Winter Forage

b/ Pounds

c/ Per Pound

d/ Includes Alfalfa, Corn & Grain

FIELD CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Wheat	1988	19,000	2.62	49,780	Ton	\$ 116.00	\$ 5,774,000
	1987	20,000	2.58	51,600	"	93.00	4,799,000
Misc. <u>a/</u>	1988	6,700	xx	xx		xx	532,000
	1987	9,500	xx	xx		xx	937,000
TOTAL	1988	583,800					\$ 88,284,000
	1987	586,650					83,958,000

SEED CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Misc. Seed <u>b/</u>	1988	1,317	xx	8,822,000	Pound	xx	\$ 528,000
	1987	1,245	xx	7,517,000	"	xx	1,195,000

VEGETABLE CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Vegetables <u>c/</u>	1988	1,187	xx	xx	xx	xx	\$ 1,590,000
	1987	2,644	xx	xx	xx	xx	3,254,000

a/ Includes dryland grain, rice, oats, sorghum & safflower

b/ Includes alfalfa, barley, beans, carrots, & wheat

c/ Includes broccoli, carrots, all cabbage, cauliflower, cucumbers, garlic, onions, all melons, all peppers, pumpkins, all squash & all tomatoes



## FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds <u>a/</u>	1988	33,615	.67	22,522	Ton	\$ 2,000.00	\$ 45,044,000
	1987	32,968	.82	27,034	"	2,000.00	54,068,000
Almond Hulls	1988	xx	xx	45,700	"	56.00	2,559,000
	1987	xx	xx	56,700	"	37.00	2,098,000
Apples <u>b/</u>	1988	860	9.10	7,826	"	550.00	4,304,000
	1987	775	14.00	10,850	"	425.00	4,611,000
Figs	1988	6,708	1.15	7,714	"	1,185.00	9,141,000
	1987	6,837	1.00	6,837	"	1,038.00	7,097,000
Grapes, Raisin Total <u>c/</u>	1988	37,826	xx	225,216	"	xx	64,074,000
	1987	39,004	xx	240,471	"	xx	64,753,000
Dried	1988	17,260	2.07	35,728	"	825.00	29,476,000
	1987	15,625	2.27	35,469	"	750.00	26,602,000
Crushed	1988	17,366	9.64	167,408	"	115.00	19,252,000
	1987	20,079	9.13	183,321	"	120.00	21,999,000
Fresh	1988	3,200	6.90	22,080	"	695.00	15,346,000
	1987	3,300	6.57	21,681	"	745.00	16,152,000
Grapes, Table	1988	2,290	6.87	15,732	"	700.00	11,012,000
	1987	2,226	4.40	9,794	"	720.00	7,052,000
Grapes, Wine Total <u>d/</u>	1988	37,822	xx	359,912	"	xx	51,544,000
	1987	38,511	xx	326,698	"	xx	45,150,000
Red Varieties	1988	12,329	8.95	110,345	"	155.00	17,103,000
	1987	12,843	8.05	103,386	"	130.00	13,440,000
White Varieties	1988	25,493	9.79	249,576	"	138.00	34,441,000
	1987	25,668	8.70	223,312	"	142.00	31,710,000
Nectarines	1988	671	7.00	4,697	"	550.00	2,583,000
	1987	658	5.26	3,461	"	406.00	1,405,000
Olives	1988	1,732	4.80	8,314	"	540.00	4,490,000
	1987	1,732	2.47	4,278	"	620.00	2,652,000

a/ Meat Basis

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

c/ This does not include acreage in the RID program

d/ Includes table grapes crushed

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Oranges	1988	3,779	10.24	38,697	Ton	\$ 195.00	\$ 7,546,000
	1987	3,779	11.09	41,909	"	230.00	9,639,000
Peach, Free	1988	1,348	9.00	12,132	"	480.00	5,823,000
	1987	1,214	7.60	9,226	"	400.00	3,691,000
Pistachios <u>a/</u>	1988	15,691	.71	11,141	"	2,700.00	30,081,000
	1987	14,424	.41	5,914	"	3,000.00	17,742,000
Plums	1988	1,180	4.12	4,862	"	825.00	4,011,000
	1987	1,097	4.53	4,969	"	450.00	2,236,000
Walnuts	1988	1,561	1.04	1,623	"	945.00	1,534,000
	1987	1,551	1.12	1,737	"	950.00	1,650,000
Misc. <u>b/</u>	1988	2,104	xx	xx		xx	5,484,000
	1987	2,006	xx	xx		xx	8,447,000
TOTAL	1988	147,187					\$ 249,230,000
	1987	146,782					232,291,000

APIARY PRODUCTS: PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	PRODUCTION TOTAL	UNIT	VALUE	
				PER UNIT	TOTAL
Honey	1988	420,000	Pound	\$ .56	\$ 235,000
	1987	490,000	"	.58	284,000
Pollination	1988	100,845	Colony	25.00	2,521,000
	1987	100,200	"	23.00	2,305,000
Other <u>c/</u>	1988	xx		xx	15,000
	1987	xx		xx	25,000
TOTAL	1988				\$ 2,771,000
	1987				2,614,000

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

b/ Includes apricots, cling peaches, kiwis, lemons, pecans, prunes, tangerines, persimmons & pomegranates

c/ Includes beeswax, package bees, nuclei, queen cells & queens

JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	<u>JANUARY 1, 1988</u>	<u>JANUARY 1, 1989</u>
Cattle & Calves	101,000	98,000
Beef Cows	14,500	14,000
Milk Cows	19,500	20,000
Stock Sheep	16,500	14,500
Hogs	2,000	1,300
Horses	15,500	15,000

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	VALUE	
					PER UNIT	TOTAL
Cattle & Calves	1988	39,940	264,796	CWT.	\$ 69.22	\$ 18,329,000
	1987	43,900	329,700	"	59.25	19,535,000
Hogs	1988	1,500	3,000	"	47.00	141,000
	1987	1,800	3,600	"	58.00	209,000
Horses	1988	2,600	xx	Each	725.00	1,885,000
	1987	2,500	xx	"	700.00	1,750,000
Sheep & Lambs	1988	27,250	31,340	CWT.	68.50	2,147,000
	1987	27,400	31,700	"	67.41	2,137,000
All Chickens	1988	1,375,700	6,703,300	Pound	.361	2,420,000
	1987	1,350,000	7,022,000	"	.370	2,598,000
Turkeys	1988	3,960,700	86,851,000	"	.348	30,224,000
	1987	4,505,200	86,063,000	"	.330	28,401,000
TOTAL	1988					\$ 55,146,000
	1987					54,630,000



LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	PRODUCTION	UNIT	VALUE	
				PER UNIT	TOTAL
Milk, Market	1988	3,170,300	CWT.	\$ 10.88	\$ 34,493,000
	* 1987	2,968,000	"	11.41	33,865,000
Milk, Manufacturing	1988	151,300	"	9.89	1,496,000
	* 1987	34,000	"	10.47	356,000
Wool	1988	165,000	Pound	1.10	182,000
	1987	210,000	"	.87	183,000
Other Livestock & Poultry Products <u>a/</u>	1988	xx		xx	1,570,000
	1987	xx		xx	1,725,000
TOTAL	1988				\$ 37,741,000
	* 1987				36,129,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1987-1988

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock <u>b/</u>	1988	190	\$ 7,471,000
	1987	170	6,774,000

FOREST PRODUCTS: PRODUCTION AND VALUE, 1987-1988

ITEM	YEAR	PRODUCTION	UNIT	TOTAL VALUE
Timber	1988	39,000	MBF	\$ 3,250,000
	1987	164,900	"	9,500,000

a/ Includes hatching & market eggs, fertilizer & dairy goat milk

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

\* Revised

AGRICULTURAL CROP REPORT RECAPITULATION 1987-1988

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1988		\$ 2,771,000
	1987		2,614,000
Field Crops	1988	583,800	88,284,000
	1987	586,650	83,958,000
Fruit & Nut Crops	1988	147,187	249,230,000
	1987	146,782	232,291,000
Livestock & Poultry	1988		55,146,000
	1987		54,900,000
Livestock & Poultry Products	1988		37,741,000
	1987		36,129,000
Nursery Products	1988	190	7,471,000
	1987	170	6,774,000
Seed Crops	1988	1,317	528,000
	1987	1,245	1,195,000
Timber Products	1988	39,000 MBF	3,250,000
	1987	164,900 MBF	9,500,000
Vegetable Crops	1988	1,187	1,590,000
	1987	2,644	3,254,000
TOTAL	1988		\$ 446,010,000
	1987		430,345,000

COMPARISON OF AGRICULTURAL VALUES

1988 . . . . .	\$ 446,010,000	* 1981 . . . . .	\$ 349,605,000
* 1987 . . . . .	430,345,000	* 1980 . . . . .	396,928,000
* 1986 . . . . .	373,248,000	* 1979 . . . . .	367,100,000
* 1985 . . . . .	333,799,000	* 1978 . . . . .	219,906,000
* 1984 . . . . .	331,138,000	* 1968 . . . . .	80,181,650
* 1983 . . . . .	299,343,000	* 1958 . . . . .	66,428,505
* 1982 . . . . .	331,470,000	* 1948 . . . . .	51,430,054
* Revised		* 1938 . . . . .	7,333,045

"MILLION DOLLAR CROPS"

<u>CROP</u>	<u>1988 RANK</u>	<u>1988 STANDINGS</u>	<u>1987 RANK</u>
Grapes, Raisin	1	\$ 64,074,000	1
Grapes, Wine	2	51,544,000	3
Almonds	3	45,044,000	2
Cotton, Lint	4	35,703,000	5
Milk, Market	5	34,493,000	4
Turkeys	6	30,224,000	6
Pistachios	7	30,081,000	9
Cattle & Calves	8	18,329,000	7
Hay, Alfalfa	9	17,000,000	8
Grapes, Table	10	11,012,000	13
Figs	11	9,141,000	12
Oranges	12	7,546,000	10
Nursery Stock	13	7,471,000	14
Cotton, Seed	14	6,851,000	18
Corn, Field	15	6,000,000	15
Peach, Free	16	5,823,000	20
Wheat	17	5,774,000	16
Olives	18	4,490,000	24
Apples	19	4,304,000	17
Plums	20	4,011,000	28
Pasture, Other	21	3,645,000	21
Sugar Beets	22	3,296,000	19
Timber	23	3,250,000	11
Nectarines	24	2,583,000	34
Almond Hulls	25	2,559,000	30
Beans, Dry	26	2,524,000	23
Apiary/Pollination	27	2,521,000	26
All Chickens	28	2,420,000	25
Corn, Silage	29	2,405,000	31
Pasture, Irrigated	30	2,188,000	27
Sheep & Lambs	31	2,147,000	29
Horses	32	1,885,000	32
Vegetables	33	1,590,000	22
Walnuts	34	1,534,000	33
Barley	35	1,270,000	--



PERMANENT CROP ACREAGES

CROP	1958	1968	1978	1987	1988		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	1,512	8,448	20,469	34,685	33,615	1,227	34,842
Apples	132	52	102	1,714	860	948	1,808
Apricots	39	62	31	135	83	50	133
Citrus:							
Lemons	--	45	96	92	92	--	92
Oranges	6	2,869	3,476	3,850	3,779	71	3,850
* Tangerines	--	65	332	410	410	--	410
TOTAL CITRUS	6	2,979	3,904	4,352	4,281	71	4,352
Figs	2,069	2,923	4,564	6,877	6,708	40	6,748
Grapes:							
Raisin	19,421	27,927	29,952	41,524	41,284	76	41,360
Table	465	558	539	2,507	2,290	156	2,446
Wine, Red	2,959	6,157	20,346	12,853	12,329	144	12,473
Wine, White	669	1,156	8,311	25,796	25,493	74	25,567
TOTAL GRAPES	23,514	35,798	59,148	82,680	81,369	450	81,846
Kiwis	--	--	39	171	149	40	189
Nectarines	216	193	316	785	671	114	785
Olives	539	785	1,746	1,746	1,732	--	1,732
Peaches:							
Clingstone	759	1,711	567	477	464	14	478
Freestone	1,770	1,262	1,013	1,363	1,348	15	1,363
TOTAL PEACHES	2,529	2,973	1,580	1,840	1,812	29	1,841
Pecans	2	16	67	127	127	--	127
Persimmons	2	18	--	6	6	--	6
Pistachios	--	160	9,968	18,184	15,691	1,535	17,226
Plums	204	427	841	1,215	1,180	25	1,205
Pomegranates	2	2	407	58	58	--	58
Prunes	--	--	425	735	715	60	775
Walnuts	634	1,037	1,458	2,047	1,561	466	2,027
TOTAL PLANTED ACRES	31,400	55,873	105,065	157,357	150,645	5,055	155,700

\* Includes Tangerines, Mandarins & Tangelos

Madera County Crop Report  
1987-1988