

AGRICULTURAL CROP REPORT
MADERA COUNTY — 1994

*Wm
Whitby*

Henry J. Voss, Secretary
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, the 1994 Madera County Crop Report is hereby submitted.

The total value is \$614,618,000. This is approximately six million dollars less than 1993; a decrease of 1.03%. Almonds were down nearly 12% from lower prices from last years' records, and vegetable values declined as well. Dry beans rebounded with much better returns than the previous year, and field crops such as barley, alfalfa, and wheat showed increased returns as well. It should be noted that some crops, such as Olives and Pistachios bear alternate crops: this year Olives were on the down cycle while Pistachios were on the up cycle.

Please note that these figures are gross figures and do not indicate net income to producers. Figures shown do not reflect on any individual operation since the whole county is the smallest unit measured for any particular commodity.

Agriculture continues as a major industry in Madera County and is a driving force in the county's economy. Every dollar received by Madera County producers' results in the economic extension benefit of three and one-half dollars to the total economy of the county, making agriculture's contribution to the economy of Madera County over 2 billion dollars.

I sincerely appreciate the efforts of my staff, the staff of the University of California Cooperative Extension Service and the many individuals who contributed to the preparation of this report. Special thanks go to Scott Porteous and Stevie McNeill who compiled this report.

Very Truly Yours,



Robert J. Rolan
Acting Agricultural Commissioner

About the Cover

Eastern Madera county once provided a rich harvest of timber. Initially, logs were transported from the mountains to the valley floor by way of a 54 mile long flume. The industry spurred the local economy and provided a necessary resource for the developing west. In recent years, logging has been severely restricted on public lands as a result of environmental issues. Local mills have faced closure or resorted to importation of timber from foreign countries in order to remain in operation; in sharp contrast to that bygone era.

Drawing by Jaime Whatley, daughter of Department Secretary Lore Ciuffoli.

ANNUAL CROP REPORT 1994
MADERA COUNTY

Compiled By:

Scott Porteous
Stevie McNeill

Board of Supervisors

Rick Jensen
Alfred Ginsburg
Gail Hanhart McIntyre
Jess Lopez
Harry H. Baker Jr., chairman

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District 2
District 3
District 4
District 5

County Administrative Officer

Stell Manfredi

Madera County Department of Agriculture Staff

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Lore Ciuffoli, Department Secretary II
Tammy Dodson, Office Assistant III
Frances Speelmon, Office Assistant II



FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Barley, Irrigated	1994	3,500	2.10	7,350	Ton	\$ 106.00	\$ 779,000
	1993	4,300	2.00	8,600	"	99.00	851,000
Beans, Dry a/	1994	3,100	1.09	3,379	"	670.00	2,264,000
	1993	1,550	1.05	1,628	"	445.00	724,000
Corn, Field	1994	7,500	4.60	34,500	"	100.00	3,450,000
	1993	8,700	5.50	47,850	"	110.00	5,264,000
Corn, Silage	1994	4,700	28.00	131,600	"	22.00	2,895,000
	1993	4,100	26.30	107,830	"	18.50	1,995,000
Silage, Other b/	1994	1,750	15.00	26,250	"	18.00	473,000
	1993	1,050	12.60	13,230	"	14.50	192,000
Cotton, Lint	1994	46,240	1214 c/	112,271	Bales	.78 d/	43,786,000
	1993	51,400	1283 c/	131,892	"	.69 d/	45,503,000
Cotton, Seed	1994	xx	xx	53,522	Ton	150.00	8,028,000
	1993	xx	xx	55,000	"	165.00	9,075,000
Hay, Alfalfa	1994	33,200	8.10	268,920	"	110.00	29,581,000
	1993	31,800	7.90	251,220	"	105.00	26,378,000
Pasture, Irrigated	1994	5,000	xx	xx	Acre	120.00	600,000
	1993	8,000	xx	xx	"	120.00	960,000
Pasture, Other	1994	389,000	xx	xx	"	8.00	3,112,000
	1993	393,000	xx	xx	"	8.00	3,144,000
Stubble e/	1994	14,000	xx	xx	"	14.00	196,000
	1993	20,000	xx	xx	"	14.00	280,000
Sugar Beets	1994	640	31.95	20,448	Ton	36.20	740,000
	1993	780	33.00	25,740	"	36.65	943,000

- 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 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Wheat	1994	19,600	2.70	52,920	Ton	\$110.00	\$ 5,821,000
	1993	22,000	2.70	59,400	"	102.00	6,059,000
Misc. a/	1994	7,939	xx	xx	xx	xx	2,491,000
	1993	6,441	xx	xx	xx	xx	1,462,000
TOTAL	1994	536,169					\$104,216,000
	* 1993	553,121					102,830,000

SEED CROPS, ACREAGE, PRODUCTION, AND VALUE 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Misc. Seed b/	1994	995	xx	xx	xx	xx	\$ 362,000
	1993	1,055	xx	xx	xx	xx	371,000

VEGETABLE CROPS, ACREAGE, PRODUCTION, AND VALUE 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Vegetables c/	1994	7,301	xx	xx	xx	xx	\$ 10,433,000
	1993	6,441	xx	xx	xx	xx	15,719,000

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

b/ Includes barley, beans, carrots, cotton, oats, and wheat

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

* Revised



FRUIT AND NUT CROPS, ACREAGE, PRODUCTION, AND VALUE 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds a/	1994	39,800	.89	35,422	Ton	\$2,700.00	\$ 95,639,000
	1993	39,176	.74	28,990	"	3,740.00	108,423,000
Almond Hulls	1994	xx	xx	70,844	"	60.00	4,251,000
	1993	xx	xx	57,980	"	65.00	3,769,000
Apples b/	1994	2,599	13.10	34,047	"	500.00	17,023,000
	1993	2,250	13.00	29,250	"	500.00	14,625,000
Figs	1994	7,164	1.52	10,889	"	1,268.00	13,808,000
	1993	6,690	1.45	9,701	"	1,287.00	12,485,000
Grapes, Raisin	1994	42,460	xx	xx	"	xx	87,546,000
	1993	41,101	xx	xx	"	xx	82,037,000
Dried	1994	28,177	2.15	60,581	"	925.00	56,037,000
	1993	25,883	2.00	51,766	"	910.00	47,107,000
Crushed	1994	10,887	9.70	105,604	"	127.00	13,412,000
	1993	11,926	9.30	110,912	"	160.00	17,746,000
Fresh	1994	3,396	7.30	24,791	"	730.00	18,097,000
	1993	3,292	7.20	23,702	"	725.00	17,184,000
Grapes, Table	1994	2,350	7.45	17,508	"	800.00	14,006,000
	1993	2,161	7.70	16,640	"	745.00	12,397,000
Grapes, Wine c/	1994	38,819	xx	xx	"	xx	69,231,000
	1993	38,382	xx	xx	"	xx	77,716,000
Red Varieties	1994	14,406	9.00	129,654	"	233.00	30,209,000
	1993	13,982	10.40	145,413	"	240.00	34,899,000
White Varieties	1994	24,413	11.10	270,984	"	144.00	39,022,000
	1993	24,400	10.70	261,080	"	164.00	42,817,000
Nectarines	1994	802	6.40	5,133	"	550.00	2,823,000
	1993	790	7.60	6,004	"	560.00	3,362,000
Olives	1994	1,781	4.27	7,605	"	460.00	3,498,000
	1993	1,781	5.28	9,404	"	470.00	4,420,000

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 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Oranges	1994	4,161	15.10	62,831	Ton	\$ 357.00	\$ 22,431,000
	1993	4,161	14.03	58,379	"	368.00	21,483,000
Peach, Free	1994	923	8.40	7,753	"	390.00	3,024,000
	1993	1,260	9.90	12,474	"	400.00	4,990,000
Pistachios a/	1994	16,282	1.05	17,096	"	1,844.00	31,525,000
	1993	16,884	.83	14,014	"	2,240.00	31,391,000
Plums	1994	1,268	5.96	7,557	"	475.00	3,590,000
	1993	1,228	9.46	11,617	"	509.00	5,913,000
Walnuts	1994	876	1.42	1,244	"	960.00	1,194,000
	1993	981	1.40	1,373	"	1340.00	1,840,000
Misc. b/	1994	2,506	xx	xx	xx	xx	10,561,000
	1993	2,207	xx	xx	xx	xx	8,478,000
TOTAL	1994	161,791					\$380,150,000
	1993	159,052					393,329,000

APIARY PRODUCTS 1993-1994

ITEM	YEAR	PRODUCTION TOTAL	UNIT	PER UNIT	TOTAL
Honey	1994	260,000	Pound	\$.46	\$ 120,000
	1993	365,000	"	.45	164,000
Pollination	1994	105,000	Colony	34.60	3,633,000
	1993	98,000	"	32.50	3,185,000
TOTAL	1994				\$ 3,753,000
	1993				3,349,000

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

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

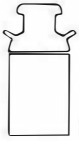


JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	JANUARY 1, 1994	JANUARY 1, 1995
Cattle & Calves	88,000	92,000
Beef Cows	17,000	20,000
Milk Cows	21,000	23,000
Stock Sheep	7,000	8,000
Hogs	1,700	1,500

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE 1993-1994

ITEM	YEAR	HEAD	LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	1994	48,000	326,400	CWT.	\$79.20	\$25,851,000
	1993	46,000	292,100		79.40	23,193,000
Hogs	1994	2,000	2,200	"	46.70	103,000
	1993	1,300	2,904		50.10	145,000
Sheep & Lambs	1994	11,500	12,650	"	65.60	830,000
	1993	18,800	20,680		67.10	1,388,000
All Chickens	1994	5,200,235	27,041,000	Pound	.319	8,626,000
	1993	4,778,000	24,143,000		"	.322
Turkeys	1994	2,089,000	43,798,000	"	.373	16,337,000
	1993	2,395,000	46,906,000		"	.360
TOTAL	1994					51,747,000
	1993					49,386,000



LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE 1993-1994

ITEM	YEAR	PRODUCTION	UNIT	UNIT	TOTAL
Milk, Market	1994	4,564,019	CWT.	\$11.23	\$51,254,000
	1993	3,832,170	"	11.45	43,878,000
Milk Manufacturing	1994	70,822	"	11.09	785,000
	1993	50,779	"	11.05	561,000
Wool	1994	92,000	Pound	.60	55,000
	1993	150,400	"	.61	92,000
Other Livestock & Poultry Products a/	1994	xx	xx	xx	1,163,000
	1993	xx	xx	xx	1,258,000
TOTAL	1994				\$53,257,000
	1993				45,789,000

NURSERY PRODUCTS: ACREAGE AND VALUE 1993-1994

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock b/	1994	360	3,160,000
	1993	404	3,855,000

FOREST PRODUCTS: PRODUCTION AND VALUE 1993-1994

ITEM	YEAR	PRODUCTION	UNIT	TOTAL VALUE
Timber	1994	22,000	MBF	\$ 7,540,000
	1993	41,600	"	6,363,000

a/ Includes market eggs and fertilizer

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

AGRICULTURAL CROP REPORT RECAPITULATION 1993-1994

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1994		3,753,000
	1993		3,349,000
Field Crops	1994	536,169	104,216,000
	* 1993	553,121	102,830,000
Fruit & Nut Crops	1994	161,791	380,150,000
	1993	159,052	393,329,000
Livestock & Poultry	1994		51,747,000
	1993		49,386,000
Livestock & Poultry Products	1994		53,257,000
	1993		45,789,000
Nursery	1994	360	3,160,000
	1993	404	3,855,000
Seed Crops	1994	995	362,000
	1993	1,055	371,000
Timber Products	1994	22,000 MBF	7,540,000
	1993	41,600 MBF	6,363,000
Vegetable Crops	1994	7,301	10,433,000
	1993	6,441	15,719,000
TOTAL	1994		\$614,618,000
	* 1993		620,991,000

COMPARISON OF AGRICULTURAL VALUES

1994	614,618,000	* 1987	\$430,345,000
* 1993	620,991,000	* 1986	373,248,000
* 1992	602,187,000	* 1985	333,799,000
* 1991	483,991,000	* 1984	331,138,000
* 1990	526,297,000	* 1974	183,869,000
		* 1964	81,505,000
* 1989	477,602,000	* 1954	55,685,000
		* 1944	32,925,000
* 1988	449,690,000	* 1934	5,265,000

* Revised

MILLION DOLLAR CROPS

CROP	1994 RANK	1994 STANDINGS	1993 RANK
Almonds	1	\$95,639,000	1
Grapes, Raisin	2	87,546,000	2
Grapes, Wine	3	69,231,000	3
Milk, Market	4	51,254,000	5
Cotton, Lint	5	43,786,000	4
Pistachios	6	31,525,000	6
Hay, Alfalfa	7	29,581,000	7
Cattle and Calves	8	25,851,000	8
Oranges	9	22,431,000	9
Apples	10	17,023,000	12
Turkeys	11	16,337,000	10
Grapes, Table	12	14,006,000	14
Figs	13	13,808,000	13
Vegetables	14	10,433,000	11
Chickens	15	8,626,000	16
Cotton, Seed	16	8,028,000	15
Timber	17	7,540,000	17
Wheat	18	5,821,000	18
Almond Hulls	19	4,251,000	24
Apiary/Pollination	20	3,633,000	25
Plums	21	3,590,000	19
Olives	22	3,498,000	22
Corn, Field	23	3,450,000	20
Nursery Stock	24	3,160,000	23
Pasture, Other	25	3,112,000	27
Peach, Free	26	3,024,000	21
Corn, Silage	27	2,895,000	28
Nectarines	28	2,823,000	26
Beans, Dry	29	2,264,000	--
Walnuts	30	1,194,000	29

LIST OF EXPORTING COUNTRIES

Argentina	Guatemala	Peru
Australia	Hong Kong	Philippines
Belgium	India	Russia
Brazil	Indonesia	Saudi Arabia
Canada	Israel	Singapore
Canary Islands	Italy	Spain
Chile	Japan	Sri Lanka
China	Kenya	Sweden
Czech Republic	Korea	Switzerland
Ecuador	Kuwait	Taiwan
Egypt	Lebanon	Thailand
El Salvador	Malaysia	Turkey
England	Mexico	United Arab Emirates
France	Netherlands	United Kingdom
French Polynesia	New Zealand	Venezuela
Germany	Panama	Viet Nam

PERMANENT CROP ACRES

CROP	1964	1974	1984	1993	1994		
					Bearing Acres	Non- Bearing	Total Acres
Almonds	3,018	16,645	33,624	40,616	39,800	2,188	41,988
Apples	103	94	1,083	2,750	2,599	640	3,239
Apricots	58	67	64	93	80	--	80
Cherries	23	18	18	63	18	57	75
Citrus							
Lemons	--	92	82	82	82	--	82
Oranges	1,081	3,435	3,814	4,347	4,161	186	4,347
* Tangerines	120	339	410	438	384	54	438
TOTAL CITRUS	1,201	3,866	4,306	4,867	4,627	240	4,867
Figs	2,758	3,390	6,975	7,337	7,164	904	8,068
Grapes							
Raisin	26,051	29,418	41,846	42,541	42,460	1,488	43,948
Table	437	583	1,806	2,377	2,350	235	2,585
Wine, Red	4,853	14,904	17,117	14,218	14,406	243	14,649
Wine, White	1,011	9,108	27,137	24,976	24,413	576	24,989
TOTAL GRAPES	32,352	54,013	87,906	84,112	83,629	2,542	86,171
Kiwis	--	9	133	199	168	--	168
Nectarines	143	222	575	961	802	159	961
Olives	866	1,666	2,176	1,781	1,781	--	1,781
Peaches							
Clingstone	1,378	725	478	942	528	345	873
Freestone	1,630	1,243	1,389	1,321	923	207	1,130
TOTAL PEACHES	3,008	1,968	1,867	2,263	1,451	552	2,003
Pears	6	1	--	18	20	18	38
Pecans	11	50	130	80	74	--	74
Persimmons	1	3	6	11	11	4	15
Pistachios	--	8,118	16,989	17,371	16,282	2,274	18,556
Plums	452	554	1,227	1,364	1,268	156	1,424
Pomegranates	4	3	344	22	20	--	20
Prunes	--	--	735	1,025	1,121	308	1,429
Walnuts	1,119	1,475	2,054	1,073	876	--	876
TOTAL PLANTED ACRES	45,123	92,162	160,212	166,006	161,791	10,042	171,833

* 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 maruanum</i>	Seed and Stem Weevil <i>Microlearunus lareynii</i> <i>Microlearinus lypriformis</i>	Countywide
Klamath Weed <i>Hypericum perforatum</i>	Klamath Weed Beetle <i>Chrysolina quadrugemina</i>	3 Sites
Ash Whitefly <i>Siphoninus phylllyreae</i>	Wasp <i>Encarsia nr. inaron</i>	Countywide
Russian Thistle <i>Salsoia iberica</i>	Seed Head Weevil <i>Coleophora klimeschiella</i>	3 sites

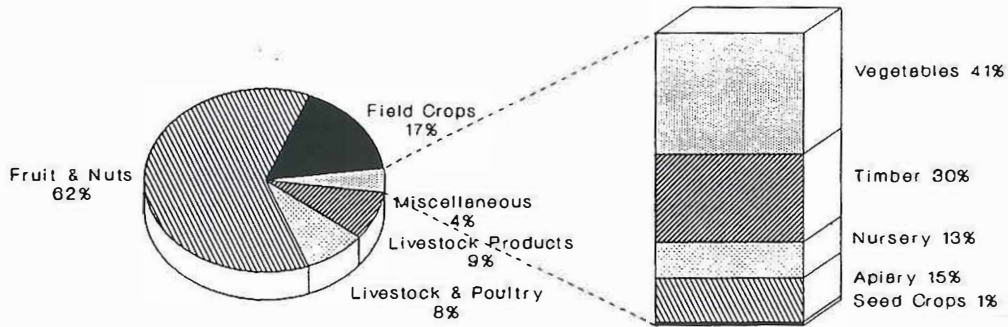
COUNTY PEST ERADICATION

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>PROGRAM SCOPE</u>
Pink Bollworm <i>Pectinophora gossypiella</i>	Mechanical/ Host Free Period	46,240 acres

ORGANIC FARMING STATISTICS

<u>CROP</u>	<u>NUMBER OF FARMS</u>	<u>ESTIMATED ACRES</u>
Various Crops	11	1665

MADERA COUNTY 1994 TOTAL CROP VALUE



GROWTH IN MADERA COUNTY AGRICULTURE OVER A TWENTY YEAR SPAN

