

AGRICULTURAL CROP REPORT

MADERA COUNTY — 1992



MADERA COUNTY
DEPARTMENT OF AGRICULTURE
332 Madera Avenue
Madera, California 93637

Henry J. Voss, Director
California Department of Food and Agriculture

and

The honorable Board of Supervisors
County of Madera

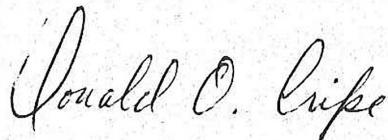
In accordance with section 2279 of the California Food and Agricultural Code, the 1992 Madera County Crop Report is hereby submitted.

The total value is \$607,543,000. This is approximately 123.5 million dollars higher than 1991; an increase of approximately 25.5 percent. While there were some adjustments up and down in all categories, the big increase was in fruit and nut crops, which accounted for over 115 million. Leading gainers in order were wine grapes, pistachios, oranges, almonds, raisin grapes, and olives. Walnuts, apples, and table grapes declined. It should be noted that some crops such as olives and pistachios alternate bear and were on the high cycle. Oranges were recovering from a disastrous freeze which affected the 1991 crop.

Of course, these are gross figures and do not indicate net income to producers. Costs of production and marketing continue to rise and limit net returns; of particular note are water costs and regulatory impact. Figures shown do not reflect on any individual operation since the entire county is the production unit measured for a particular commodity. Averages imply higher and lower numbers in both yields and prices.

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 Scott Porteous who compiled the report.

Respectfully Submitted,



Donald O. Cripe
Agricultural Commissioner

About the Cover

Even though this report is for the 1992 crop year, the cover draws upon the centennial theme to coincide with the year in which the report is presented. The scene depicts early day harvesting by horse and mule powered combine in Madera county.

ANNUAL CROP REPORT 1992
MADERA COUNTY

Compiled By:

Scott Porteous

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FIELD CROPS: ACREAGE, PRODUCTION, AND VALUE, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Barley, Irrigated	1992	3,000	1.80	5,400	Ton	\$108.00	\$ 583,000
	1991	2,000	1.90	3,800	"	115.00	437,000
Beans, Dry a/	1992	1,050	1.04	1,092	"	440.00	481,000
	1991	2,000	.95	1,900	"	535.00	1,017,000
Corn, Field	1992	8,200	4.40	36,080	"	117.00	4,221,000
	1991	7,400	4.30	31,820	"	138.00	4,391,000
Corn, Silage	1992	4,000	24.80	99,200	"	17.50	1,736,000
	1991	3,800	26.10	99,180	"	18.00	1,785,000
Silage, Other b/	1992	1,150	12.40	14,260	"	14.00	200,000
	1991	1,800	14.70	26,460	"	17.50	463,000
Cotton, Lint	1992	48,100	1335 c/	128,427	Bales	.69 d/	44,307,000
	1991	51,100	1172 c/	119,778	"	.73 d/	43,719,000
Cotton, Seed	1992	xx	xx	53,500	Ton	140.00	7,493,000
	1991	xx	xx	48,200	"	140.00	6,748,000
Hay, Alfalfa	1992	31,000	7.90	244,900	"	87.00	21,306,000
	1991	32,500	7.50	243,750	"	85.00	20,719,000
Hay, Grain	1992	2,480	2.65	6,572	"	77.00	506,000
	1991	2,600	2.77	7,202	"	72.00	519,000
Pasture, Irrigated	1992	14,000	xx	xx	Acre	120.00	1,680,000
	1991	14,000	xx	xx	"	125.00	1,750,000
Pasture, Other	1992	400,000	xx	xx	"	8.00	3,200,000
	1991	400,000	xx	xx	"	6.00	2,400,000
Stubble e/	1992	25,000	xx	xx	"	15.50	388,000
	1991	26,000	xx	xx	"	15.50	403,000
Sugar Beets	1992	740	34.10	25,234	Ton	33.00	833,000
	1991	902	36.90	33,284	"	34.60	1,154,000

- 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, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Wheat	1992	21,500	2.60	55,900	Ton	\$116.00	\$6,484,000
	1991	17,500	2.70	47,250	"	124.00	5,859,000
Misc. a/	1992	6,240	xx	xx	xx	xx	1,140,000
	1991	8,540	xx	xx	xx	xx	1,704,000
TOTAL	1992	566,460					\$94,558,000
	1991	570,142					93,068,000

SEED CROPS, ACREAGE, PRODUCTION, AND VALUE, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Misc. Seed b/	1992	4,750	xx	xx	xx	xx	\$ 1,669,000
	1991	2,550	xx	xx	xx	xx	1,026,000

VEGETABLE CROPS: ACREAGE, PRODUCTION, AND VALUE, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Vegetables c/	1992	6,686	xx	xx	xx	xx	\$13,952,000
	1991	5,372	xx	xx	xx	xx	16,024,000

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

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION		UNIT	VALUE	
			PER ACRE	TOTAL		PER UNIT	TOTAL
Almonds a/	1992	38,258	.84	32,137	Ton	\$2470.00	\$ 79,378,000
	1991	38,000	.69	26,220	"	2290.00	60,044,000
Almond Hulls	1992	xx	xx	64,274	"	56.00	3,599,000
	1991	xx	xx	52,440	"	63.00	3,304,000
Apples b/	1992	2,100	13.10	27,510	"	450.00	12,380,000
	1991	2,100	11.40	23,940	"	530.00	12,688,000
Figs	1992	6,314	1.30	8,208	"	1445.00	11,861,000
	1991	6,331	1.50	9,497	"	1200.00	11,396,000
Grapes, Raisin	1992	41,082	xx	xx	"	xx	93,547,000
	1991	40,515	xx	xx	"	xx	84,843,000
Dried	1992	24,691	2.50	61,728	"	890.00	54,938,000
	1991	24,958	2.10	52,412	"	975.00	51,102,000
Crushed	1992	13,205	10.00	132,050	"	175.00	23,109,000
	1991	12,337	9.50	117,202	"	144.00	16,877,000
Fresh	1992	3,186	6.95	22,143	"	700.00	15,500,000
	1991	3,220	7.03	22,637	"	745.00	16,864,000
Grapes, Table	1992	2,098	7.80	16,364	"	750.00	12,273,000
	*1991	2,386	6.75	16,106	"	775.00	12,482,000
Grapes, Wine c/	1992	38,795	xx	xx	"	xx	82,767,000
	1991	37,470	xx	xx	"	xx	53,023,000
Red Varieties	1992	13,919	9.93	138,216	"	232.00	32,066,000
	1991	13,106	8.71	114,153	"	169.00	19,292,000
White Varieties	1992	24,876	10.14	252,243	"	201.00	50,701,000
	1991	24,364	8.99	219,032	"	154.00	33,731,000
Nectarines	1992	832	10.00	8,320	"	550.00	4,576,000
	1991	787	6.70	5,273	"	588.00	3,100,000
Olives	1992	1,786	7.16	12,788	"	670.00	8,568,000
	1991	1,984	2.80	5,555	"	688.00	3,822,000

a/ Meat basis

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

c/ Includes table grapes crushed

*Revised

FRUIT AND NUT CROPS: ACREAGE, PRODUCTION, AND VALUE, 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	PRODUCTION			VALUE	
			PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Oranges	1992	4,148	14.60	60,561	Ton	\$ 380.00	\$ 23,013,000
	1991	4,148	.90	3,733	"	477.00	1,781,000
Peach, Free	1992	1,249	9.75	12,178	"	391.00	5,762,000
	1991	1,249	8.50	10,617	"	540.00	5,733,000
Pistachios a/	1992	16,884	1.16	19,585	"	2320.00	45,437,000
	1991	16,644	.42	6,990	"	2640.00	18,455,000
Plums	1992	1,254	6.80	8,527	"	370.00	3,155,000
	1991	1,215	5.33	6,476	"	472.00	3,057,000
Walnuts	1992	1,374	1.40	1,924	"	1200.00	2,308,000
	1991	1,830	1.50	2,745	"	1100.00	3,020,000
Misc. b/	1992	2,280	XX	XX	XX	XX	9,729,000
	1991	2,262	XX	XX	XX	XX	5,959,000
TOTAL	1992	158,454					\$398,353,000
	*1991	156,921					282,707,000

APIARY PRODUCTS

ITEM	YEAR	PRODUCTION TOTAL	UNIT	PER UNIT	TOTAL
Honey	1992	240,000	Pound	\$.55	\$ 132,000
	*1991	240,000	"	.50	120,000
Pollination	1992	96,000	Colony	32.00	3,072,000
	1991	96,000	"	30.00	2,880,000
TOTAL	1992				\$ 3,204,000
	*1991				3,000,000

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

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

* Revised

JANUARY 1, INVENTORIES OF LIVESTOCK ESTIMATED IN NUMBER OF HEAD

	JANUARY 1, 1992	JANUARY 1, 1993
Cattle & Calves	96,000	100,000
Beef Cows	11,500	11,000
Milk Cows	22,000	20,000
Stock Sheep	14,000	11,000
Hogs	1,300	1,600

LIVESTOCK AND POULTRY: PRODUCTION AND VALUE, 1991-1992

ITEM	YEAR	NO. OF HEAD	TOTAL LIVEWEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	1992	44,000	288,200	CWT.	\$74.50	\$21,471,000
	1991	40,000	262,000	"	72.00	18,864,000
Hogs	1992	1,400	3,220	"	47.10	152,000
	1991	1,700	4,250	"	58.40	248,000
Sheep & Lambs	1992	25,400	27,940	"	62.90	1,757,000
	1991	22,200	24,420	"	60.10	1,468,000
All Chickens	1992	1,000,000	5,000,000	Pound	.305	1,525,000
	1991	626,000	2,818,000	"	.309	871,000
Turkeys	1992	2,411,000	48,463,000	"	.351	17,011,000
	1991	2,373,900	51,030,620	"	.385	19,647,000
TOTAL	1992					\$41,916,000
	1991					41,098,000

LIVESTOCK AND POULTRY PRODUCTS: PRODUCTION AND VALUE, 1991-1992

ITEM	YEAR	PRODUCTION	UNIT	PER UNIT	TOTAL
Milk, Market	1992	3,570,784	CWT.	\$11.61	\$41,457,000
	1991	3,486,464	"	11.17	38,944,000
Milk, Manufacturing	1992	57,990	"	10.94	634,000
	1991	44,485	"	10.55	469,000
Wool	1992	203,200	Pound	.78	159,000
	1991	177,600	"	.56	99,000
Other Livestock & Poultry Products a/	1992	XX		XX	984,000
	1991	XX		XX	982,000
TOTAL	1992				\$43,234,000
	1991				\$40,494,000

NURSERY PRODUCTS: ACREAGE AND VALUE, 1991-1992

ITEM	YEAR	FIELD ACRES	TOTAL VALUE
Nursery Stock b/	1992	360	\$4,294,000
	1991	365	4,567,000

FOREST PRODUCTS: PRODUCTION AND VALUE, 1991-1992

ITEM	YEAR	PRODUCTION	UNIT	TOTAL VALUE
Timber	1992	41,600	MBF	6,363,000
	1991	34,400	"	2,007,000

a/ Includes market eggs and fertilizer

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

* Revised

AGRICULTURAL CROP REPORT RECAPITULATION 1991-1992

ITEM	YEAR	HARVESTED ACREAGE	VALUE
Apiary	1992		\$ 3,204,000
	*1991		3,000,000
Field Crops	1992	566,460	94,558,000
	1991	570,142	93,068,000
Fruit & Nut Crops	1992	158,454	398,353,000
	*1991	156,921	282,707,000
Livestock & Poultry	1992		41,916,000
	1991		41,098,000
Livestock & Poultry Products	1992		43,234,000
	1991		40,494,000
Nursery	1992	360	4,294,000
	1991	365	4,567,000
Seed Crops	1992	4,750	1,669,000
	1991	2,550	1,026,000
Timber Products	1992	41,600 MBF	6,363,000
	1991	34,400 MBF	2,007,000
Vegetable Crops	1992	6,686	13,952,000
	1991	5,372	16,024,000
TOTAL	1992		\$607,543,000
	*1991		483,991,000

COMPARISON OF AGRICULTURAL VALUES

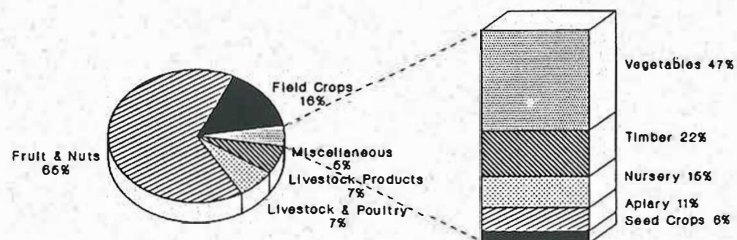
1992	\$607,543,000	* 1985	\$333,799,000
* 1991	483,991,000	* 1984	331,138,000
* 1990	526,297,000	* 1983	299,343,000
* 1989	477,602,000	* 1982	331,470,000
* 1988	449,690,000	* 1972	122,387,000
* 1987	430,345,000	* 1962	73,441,000
* 1986	373,248,000	* 1952	61,636,000
		* 1942	22,909,000
		* 1932	2,850,000

* Revised

MILLION DOLLAR CROPS

CROP	1992 RANK	1992 STANDINGS	1991 RANK
Grapes, Raisin	1	\$93,547,000	1
Grapes, Wine	2	82,767,000	3
Almonds	3	79,378,000	2
Pistachios	4	45,437,000	9
Cotton, Lint	5	44,307,000	4
Milk, Market	6	41,457,000	5
Oranges	7	23,013,000	28
Cattle and Calves	8	21,471,000	8
Hay, Alfalfa	9	21,306,000	6
Turkeys	10	17,011,000	7
Vegetables	11	13,952,000	10
Apples	12	12,380,000	11
Grapes, Table	13	12,273,000	13
Figs	14	11,861,000	12
Olives	15	8,568,000	19
Cotton, Seed	16	7,493,000	14
Wheat	17	6,484,000	15
Timber	18	6,363,000	26
Peach, Free	19	5,762,000	16
Nectarines	20	4,576,000	22
Nursery Stock	21	4,294,000	17
Corn, Field	22	4,221,000	18
Almond Hulls	23	3,599,000	20
Apiary/Pollination	24	3,204,000	21
Pasture, Other	25	3,200,000	25
Plums	26	3,155,000	23
Walnuts	27	2,308,000	24
Sheep and Lambs	28	1,757,000	30
Corn, Silage	29	1,736,000	27
Pasture, Irrigated	30	1,680,000	29
Seed Crops	31	1,669,000	32
Chickens	32	1,525,000	--

MADERA COUNTY 1992
TOTAL CROP VALUE

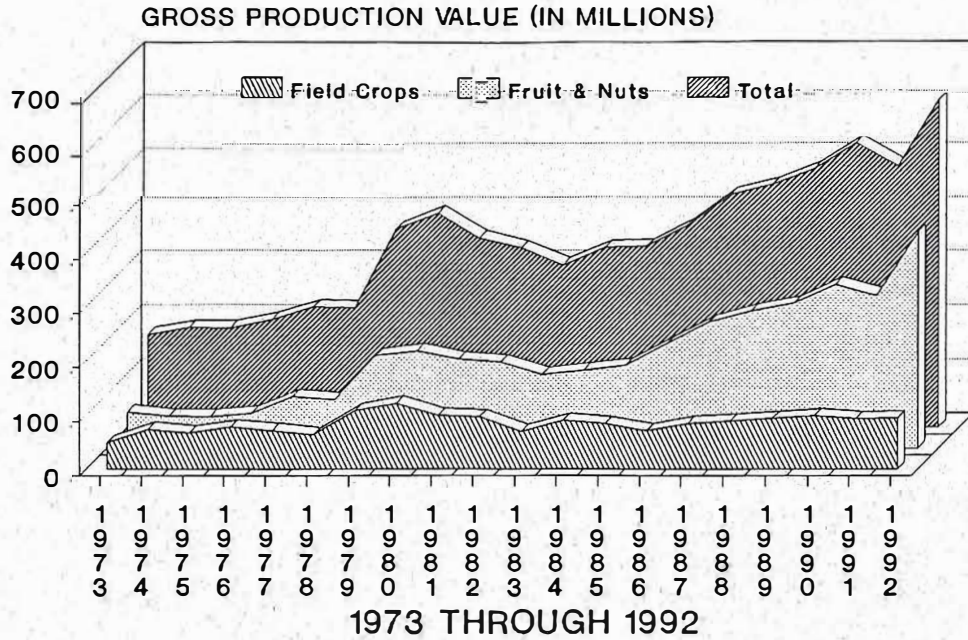


PERMANENT CROP ACREAGES

CROP	1962	1972	1982	1991	1992		
					Bearing Acres	Non-Bearing	Total Acres
Almonds	2,403	13,084	33,795	39,500	38,258	1,358	39,616
Apples	95	69	920	2,500	2,100	400	2,500
Apricots	47	67	76	143	143	0	143
Cherries	18	18	18	38	18	32	50
Citrus							
Lemons	--	92	96	92	82	0	82
Oranges	449	3,399	3,725	4,334	4,148	186	4,334
* Tangerines	--	327	346	438	384	54	438
TOTAL CITRUS	449	3,818	4,167	4,864	4,614	240	4,854
Figs	2,655	2,785	7,400	6,785	6,314	160	6,474
Grapes:							
Raisin	24,350	28,614	41,316	41,895	41,082	850	41,932
Table	431	546	1,291	2,641	2,098	192	2,290
Wine, Red	4,039	11,290	17,414	13,862	13,919	99	14,018
Wine, White	864	6,108	27,648	24,529	24,876	20	24,896
TOTAL GRAPES	29,684	46,558	87,669	82,927	81,975	1,161	83,136
Kiwis	--	--	133	199	199	0	199
Nectarines	149	214	518	864	832	171	1,003
Olives	826	1,298	2,176	1,984	1,786	0	1,786
Peaches:							
Clingstone	1,132	957	568	641	523	165	688
Freestone	1,845	1,180	1,230	1,310	1,249	61	1,310
TOTAL PEACHES	2,977	2,137	1,798	1,951	1,772	226	1,998
Pears	6	1	--	18	--	18	18
Pecans	3	27	130	98	80	0	80
Persimmons	1	6	5	11	9	2	11
Pistachios	--	6,932	14,554	17,131	16,884	487	17,371
Plums	399	471	942	1,350	1,254	136	1,390
Pomegranates	4	3	420	67	50	0	50
Prunes	--	--	715	977	792	213	1,005
Walnuts	936	1,491	1,657	1,894	1,374	0	1,374
TOTAL PLANTED ACRES	40,652	78,979	157,093	163,301	158,454	4,604	163,058

* Includes Tangerines, Mandarins, and Tangelos

GROWTH IN MADERA COUNTY AGRICULTURE OVER A TWENTY YEAR SPAN



MADERA COUNTY ANNUAL SUSTAINABLE AGRICULTURAL REPORT

COUNTY BIOLOGICAL CONTROL

PEST	AGENT/MECHANISM	PROGRAM SCOPE
Yellow Star Thistle <u>Centaurea solstitialis</u>	Seed Head Weevil <u>Bangasternus orientalis</u>	2 Sites
Puncture Vine <u>Tribulus maruanum</u>	Seed and Stem Weevil <u>Microlarunus lareynii</u> <u>Microlarinus lypriformis</u>	Countywide
Klamath Weed <u>Hypericum perforatum</u>	Klamath Weed Beetle <u>Chrysolina quadrugemina</u>	3 Sites
Ash Whitefly <u>Siphoninus phylllyrae</u>	Wasp <u>Encarsia nr. inaron</u>	Countywide

COUNTY PEST ERADICATION

Pink Bollworm <u>Pectinophora gossypiella</u>	Mechanical/Host Free Period	48,100 acres
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ORGANIC FARMING STATISTICS

CROP	NUMBER OF FARMS	ESTIMATED ACRES
Various Crops	16	1505