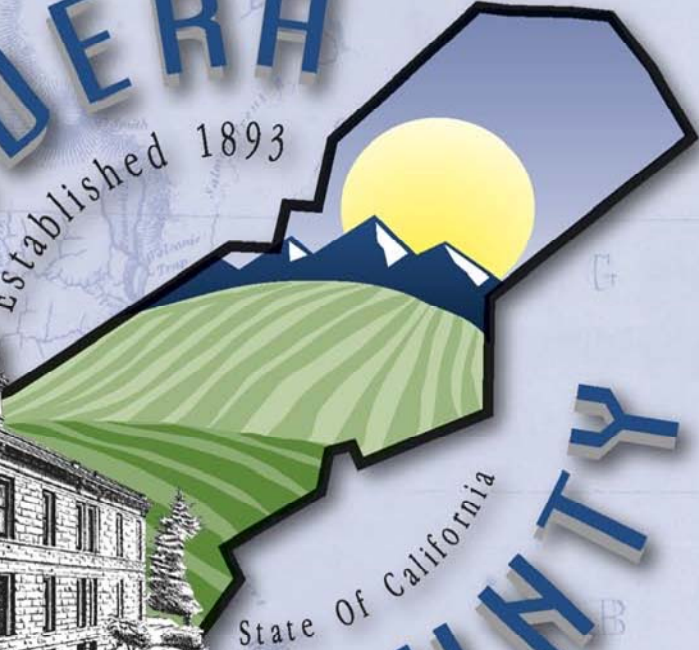


MADERA
Established 1893



State Of California
COUNTY

2006

Agricultural Crop Report



Madera County Department of Agriculture Weights and Measures

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

Jay Seslowe, Assistant Agricultural
Commissioner/Sealer

A. G. Kawamura, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2006 Agricultural Crop Report.

The production value of Madera County agricultural commodities was \$1,032,902,000, surpassing the one-billion-dollar mark for the third consecutive year. Underscoring the continuing strength of agriculture in Madera County is the fact that the acreages presented in this report reflect only the acres that were harvested. Thousands of acres of permanent plantings have yet to begin producing.

Agriculture, almost by definition, is an industry of transformation. The season of 2006 embodied change. Almond acreage soared. Apple acreage halved. Pomegranate plantings grew fourfold. Cotton, for decades the leading crop in Madera County, dropped off the Top Ten list altogether. Tomato plantings jumped by nearly 2,000 acres. A heat wave caused record losses of cattle, and yet milk production was so strong that the final tally was 72 million pounds above the preceding year. These changes have not occurred accidentally, but rather as the result of tough and deliberate decisions. Madera County agriculture is positioned on the global stage.

It must be emphasized that the values presented in this report reflect the gross value of the commodities produced, and do not in any manner reflect net income or loss to producers. Producers bear unprecedented burdens in “the cost of doing business” and are to be commended for their efforts to comply with regulations in the midst of such change.

The preparation of a report of this type requires extensive collaboration, and I sincerely appreciate the contributions of our producers, the staff of the University of California Cooperative Extension, industry representatives, and my staff.

Sincerely,

Robert J. Rolan
Agricultural Commissioner

MADERA COUNTY HIGHLIGHTS

County Established	March 11, 1893
County Seat	Madera (city)
Population ^a	146,345

Total County Acreage^b	1,366,951
2006 Harvested Acreage	653,200
Field Crop Acreage	110,400
Fruit and Nut Acreage	183,000
Nursery Acreage	600
Vegetable Acreage	6,200
Rangeland Acreage	353,000

Forest Acreage	414,300
U. S. Parkland Acreage	83,000

Bordering Counties

Merced County	Northwest
Mariposa County	North
Mono County	East
Fresno County	South and West

Ranking of Madera County Among Counties of California

Population ^a	33
Total Acreage	24
Total Agricultural Production ^b	13
Commodity, by Value ^c	
Figs	1
Grapes, Raisin Variety	2
Pistachios	5
Olives	5
Almonds	5
Nectarines	5
Plums	5
Grapes, Table Variety	6
Grapes, Wine Variety	7
Milk, Market	9

Ranking of Madera County Among Counties of the United States

Total Agricultural Production ^b	23
--	----

- a/ US Bureau of Census, 2006 Estimate
b/ USDA Ag Census, 2002
c/ County Agricultural Commissioner's Data, 2005

San Francisco

Lake Tahoe

Yosemite
National
Park

Madera County Agricultural Crop Report

MADERA COUNTY BOARD OF SUPERVISORS

Frank Bigelow

District 1

Vern Moss

District 2

Ronn Dominici

District 3

Max Rodriguez

District 4

Tom Wheeler

District 5

COUNTY ADMINISTRATIVE OFFICER

Stell Manfredi

AGRICULTURAL COMMISSIONER/ SEALER OF WEIGHTS & MEASURES

Robert J. Rolan

ASSISTANT AGRICULTURAL COMMISSIONER/SEALER

Jay Seslowe

DEPUTY AGRICULTURAL COMMISSIONER

Melissa Cregan

AGRICULTURAL & STANDARDS INSPECTORS

Jason Contreras

Molly LaDou

Judy Cumming

Austin Miller

Marilyn Key

Mike Riccardi

Cha Vang

AGRICULTURAL & STANDARDS TECHNICIAN

Bobby Arias

PEST DETECTION TRAPPERS

Eliott Cane

Harry Simons

OFFICE SUPPORT STAFF

Lore Ciuffoli, Administrative Analyst

Tammy Dodson, Program Assistant II

Mary Arias, Program Assistant I

Table of Contents

Ten Leading Crops	1
Agricultural Production & Value	2
Field Crops	3
Vegetable Crops	4
Fruit & Nut Crops	5
Forest Products	7
Nursery Products	7
Apiary Products	7
Livestock & Poultry	8
Livestock & Poultry Products	8
Crop Report Summary	9
Sustainable Agriculture Report	10

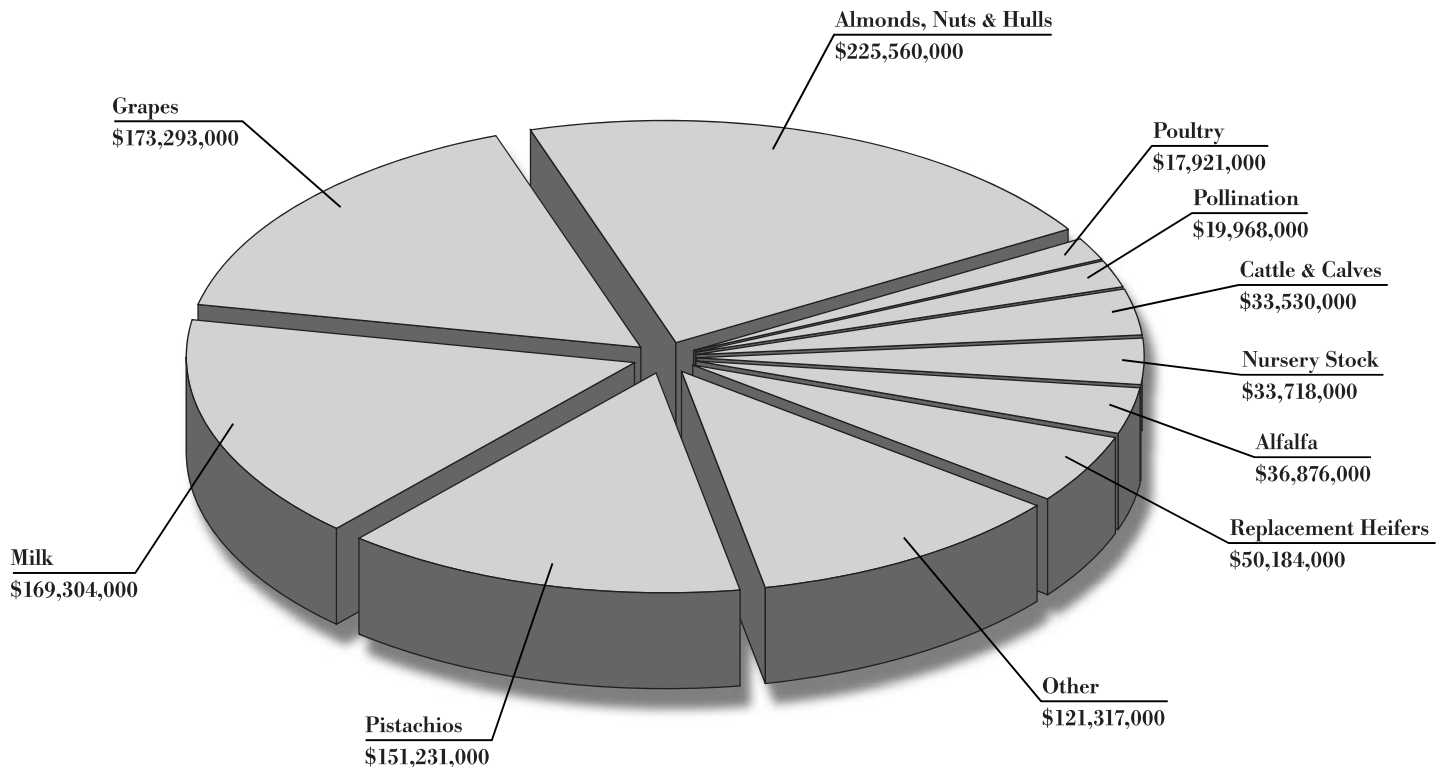
2006

Ten Leading Crops

Madera County 2006

Commodity	2006 Rank	2006 Dollar Value	2005 Rank
Almonds, Nuts & Hulls	1	\$225,560,000	1
Grapes	2	\$173,293,000	2
Milk	3	\$169,304,000	3
Pistachios	4	\$151,231,000	4
Replacement Heifers	5	\$50,184,000	5
Alfalfa	6	\$36,876,000	6
Nursery Stock	7	\$33,718,000	8
Cattle and Calves	8	\$33,530,000	7
Pollination	9	\$19,968,000	-
Poultry	10	\$17,921,000	9

Diversity, which serves to strengthen the agricultural economy of Madera County, is evident in this listing of our Ten Leading Crops, which include fruit and nut crops, field crops, nursery stock, dairy and beef cattle. The wide range of commodities produced in our county is further underscored by that segment of the chart entitled "Other," which includes such diverse products as kiwifruit, fish, sugar beets, wool, cut flowers, eggplant, firewood, and beeswax.





Madera County Agricultural Production & Value

The information in the following tables is compiled and made available in order to provide an annual record of agricultural production within the county. Yield, production, and pricing information is gathered from both growers and processors. Acreages shown are not intended to reflect planted acreage, but rather the total acreage harvested during the current growing season. Weighted averages of yields and unit values are then prepared for the individual commodities, allowing determination of countywide totals for production and value. Values represent the gross value of the commodities produced; no attempt is made to reflect the cost of production and marketing, or net income to the producer.

Field Crops

		PRODUCTION				VALUE		
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total	
Alfalfa								
Hay	2006	36,500	7.56	275,940	Ton	\$129.00	\$35,596,000	
	2005	36,700	7.16	262,772	Ton	141.00	37,051,000	
	2004	41,500	7.47	310,005	Ton	115.00	35,651,000	
Silage ^a	2006			45,700	Ton	28.00	1,280,000	
	2005			82,400	Ton	39.00	3,214,000	
	2004			58,300	Ton	32.00	1,866,000	
Total	2006	36,500					36,876,000	
	2005	36,700					40,265,000	
	2004	41,500					37,517,000	
Beans, Dry^b								
	2006	500	1.52	760	Ton	720.00	547,000	
	2005	400	1.27	508	Ton	748.00	380,000	
	2004	700	1.58	1,106	Ton	562.00	622,000	
Corn								
Grain	2006	800	3.53	2,824	Ton	166.00	469,000	
	2005	1,100	4.13	4,543	Ton	156.00	709,000	
	2004	2,700	5.09	13,743	Ton	132.00	1,814,000	
Silage	2006	20,800	26.97	560,976	Ton	24.00	13,463,000	
	2005	18,400	25.83	475,272	Ton	24.00	11,407,000	
	2004	18,600	24.86	462,396	Ton	22.00	10,173,000	
Total	2006	21,600					13,932,000	
	2005	19,500					12,116,000	
	2004	21,300					11,987,000	
Cotton								
Lint	2006	10,200	1,224 ^e	26,010	Bale ^d	.73 ^c	9,114,000	
	2005	14,700	1,173	35,923	Bale	.75	12,932,000	
	2004	19,600	1,469	59,984	Bale	.75	21,594,000	
Seed	2006			10,400	Ton	175.00	1,820,000	
	2005			14,400	Ton	172.00	2,477,000	
	2004			24,100	Ton	176.00	4,242,000	
Oat								
Hay	2006	4,900	3.32	16,268	Ton	77.00	1,253,000	
	2005	7,900	3.33	26,307	Ton	92.00	2,420,000	
	2004	3,900	3.16	12,324	Ton	92.00	1,134,000	
Pasture								
Irrigated	2006	4,800			Acre	130.00	624,000	
	2005	5,200			Acre	130.00	676,000	
	2004	5,000			Acre	130.00	650,000	
Rangeland								
	2006	353,000			Acre	12.00	4,236,000	
	2005	353,000			Acre	12.00	4,236,000	
	2004	353,000			Acre	11.00	3,883,000	

Field Crops

Item	Year	PRODUCTION				VALUE	
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Wheat							
Grain	2006	3,000	2.63	7,890	Ton	\$140.00	\$1,105,000
	2005	4,000	2.39	9,560	Ton	117.00	1,119,000
	2004	4,200	2.65	11,130	Ton	128.00	1,425,000
Silage	2006	21,000	15.67	329,070	Ton	20.00	6,581,000
	2005	18,900	14.91	281,799	Ton	21.00	5,918,000
	2004	16,800	11.90	199,920	Ton	17.00	3,399,000
Total	2006	24,000					7,686,000
	2005	22,900					7,037,000
	2004	21,000					4,824,000
Winter Forage	2006	3,700	9.43	34,891	Ton	20.00	698,000
	2005	4,100	12.25	50,225	Ton	21.00	1,055,000
	2004	5,200	10.42	54,184	Ton	17.00	921,000
Miscellaneous ^f	2006	4,200					4,834,000
	2005	5,400					5,438,000
	2004	4,000					4,274,000
TOTAL	2006	463,400					\$81,620,000
	2005	469,800					89,032,000
	2004	475,200					91,648,000

a/ Alfalfa acreage yields both hay and silage
 b/ Includes black-eyes, kidneys and limas
 c/ Pounds

d/ Bale: 480 pounds
 e/ Per pound
 f/ Includes barley, sorghum, Sudan grass, seed crops, sugar beets, field stubble and straw

Vegetable Crops

Item	Year	PRODUCTION				VALUE	
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Tomatoes							
Fresh	2006	600	16.81	10,086	Ton	\$401.00	\$4,042,000
	2005	700	17.01	11,907	Ton	351.00	4,179,000
	2004	400	15.90	6,360	Ton	522.00	3,320,000
Processed	2006	5,100	36.90	188,190	Ton	57.00	10,727,000
	2005	3,200	33.37	106,784	Ton	49.00	5,232,000
	2004	2,900	39.40	114,260	Ton	49.00	5,599,000
Miscellaneous ^a	2006	500					6,188,000
	2005	1,200					11,622,000
	2004	1,200					15,425,000

a/ Includes artichokes, all cabbage, carrots, cucumbers, eggplant, garlic, herbs, melons, onions, all peppers, potatoes, all squash, and miscellaneous truck crops

Fruit & Nut Crops

		PRODUCTION				VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Almonds ^a	2006	62,100	0.86	53,406 ^b	Ton	\$4,043.00	\$215,920,000
	2005	57,400	0.81	46,494	Ton	5,615.00	261,064,000
	2004	56,600	0.95	53,770	Ton	4,235.00	227,716,000
Almond Hulls	2006			101,471	Ton	95.00	9,640,000
	2005			88,339	Ton	91.00	8,039,000
	2004			102,163	Ton	82.00	8,377,000
Apples	2006	510	7.59	3,871	Ton	236.00	914,000
	2005	1,020	11.16	11,383	Ton	237.00	2,698,000
	2004	1,290	9.46	12,203	Ton	294.00	3,588,000
Figs	2006	5,870	1.52	8,922	Ton	921.00	8,218,000
	2005	7,680	1.63	12,518	Ton	960.00	12,018,000
	2004	7,600	1.67	12,692	Ton	980.00	12,438,000
Grapes							
Raisin Varieties							
Crushed	2006	13,100	7.02	91,962	Ton	151.00	13,886,000
	2005	14,100	9.59	135,219	Ton	161.00	21,770,000
	2004	20,100	10.02	201,402	Ton	198.00	39,878,000
Dried	2006	21,400	2.18	46,652	Ton	1,092.00	50,944,000
	2005	21,800	2.63	57,334	Ton	1,147.00	65,762,000
	2004	15,100	2.22	33,522	Ton	1,170.00	39,221,000
Fresh	2006	970	6.90	6,693	Ton	826.00	5,528,000
	2005	1,130	7.70	8,701	Ton	737.00	6,413,000
	2004	1,260	9.38	11,819	Ton	1,206.00	14,253,000
Table Varieties	2006	2,130	8.01	17,061	Ton	1,322.00	22,555,000
	2005	1,870	8.42	15,745	Ton	1,181.00	18,595,000
	2004	2,060	7.20	14,832	Ton	1,236.00	18,332,000
Wine Varieties^c							
Red Varieties	2006	22,200	9.67	214,674	Ton	212.00	45,511,000
	2005	24,300	11.53	280,179	Ton	262.00	73,407,000
	2004	24,700	9.07	224,029	Ton	248.00	55,559,000
White Varieties	2006	18,900	9.51	179,739	Ton	194.00	34,869,000
	2005	19,200	10.56	202,752	Ton	220.00	44,605,000
	2004	21,400	8.74	187,036	Ton	206.00	38,529,000
Total Grapes	2006	78,700					173,293,000
	2005	82,400					230,552,000
	2004	84,620					205,772,000
Nectarines	2006	500	3.77	1,885	Ton	644.00	1,214,000
	2005	540	4.18	2,257	Ton	932.00	2,104,000
	2004	530	10.90	5,777	Ton	534.00	3,085,000

Fruit & Nut Crops

PRODUCTION						VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Olives	2006	1,320	0.70	924	Ton	\$884.00	\$817,000
	2005	1,530	6.74	10,312	Ton	519.00	5,352,000
	2004	1,240	3.29	4,080	Ton	637.00	2,599,000
Oranges	2006	3,650	14.61	53,327	Ton	94.00	5,013,000
	2005	3,830	16.56	63,425	Ton	91.00	5,772,000
	2004	3,550	14.31	50,801	Ton	189.00	9,601,000
Peaches							
Cling	2006	550	11.32	6,226	Ton	265.00	1,650,000
	2005	620	12.89	7,992	Ton	250.00	1,998,000
	2004	510	13.91	7,094	Ton	246.00	1,745,000
Freestone	2006	620	13.25	8,215	Ton	397.00	3,261,000
	2005	810	14.35	11,624	Ton	329.00	3,824,000
	2004	960	13.73	13,181	Ton	338.00	4,455,000
Pistachios	2006	24,300	1.50	36,450 ^b	Ton	4,149.00	151,231,000
	2005	24,100	0.70	16,870	Ton	4,525.00	76,337,000
	2004	23,800	1.79	42,602	Ton	2,851.00	121,458,000
Plums	2006	380	7.14	2,713	Ton	766.00	2,078,000
	2005	510	8.03	4,095	Ton	721.00	2,953,000
	2004	600	10.39	6,234	Ton	645.00	4,021,000
Plums, Dried	2006	1,320	2.56	3,379	Ton	1,392.00	4,704,000
	2005	1,490	3.51	5,230	Ton	1,216.00	6,360,000
	2004	1,230	1.61	1,980	Ton	1,266.00	2,507,000
Walnuts	2006	1,320	1.43	1,888	Ton	1,610.00	3,039,000
	2005	1,300	1.29	1,677	Ton	1,532.00	2,569,000
	2004	1,310	1.38	1,808	Ton	1,407.00	2,544,000
Miscellaneous							
Fruits & Nuts ^d	2006	1,860					9,112,000
	2005	1,870					9,789,000
	2004	1,560					8,108,000
Orchard Firewood	2006			6,500	Cord		910,000
	2005			6,000	Cord		750,000
	2004			6,400	Cord		672,000
TOTAL	2006	183,000					\$591,014,000
	2005	185,100					632,179,000
	2004	185,400					618,686,000

a/ Meat basis

b/ Reflects total production, including imperfect stock; price weighted accordingly

c/ Includes table grapes crushed

d/ Includes apricots, berries, cherries, kiwis, pears, pecans, persimmons, pomegranates, tangelos, tangerines, strawberries, almond and walnut shells

Forest Products

PRODUCTION				VALUE
Item	Year	Production	Unit	Total Value
Timber	2006	2,361	MBF ^a	\$402,000
	2005	3,038	MBF	486,000
	2004	2,500	MBF	485,000
Firewood	2006	1,470	Cord ^b	181,000 ^c
	2005	1,570	Cords	184,000
	2004	2,450	Cords	228,000
TOTAL	2006			\$583,000
	2005			670,000
	2004			713,000

a/ Million Board Feet
b/ Cord: 128 cubic feet

c/ Includes value for Christmas trees, greenery, pinecones

Nursery Products

PRODUCTION				VALUE
Item	Year	Field Acres	House Sq. Ft.	Total Value
Nursery Stock ^a	2006	640	739,000	\$33,718,000
	2005	740	704,000	34,585,000
	2004	720	592,000	30,861,000

a/ Includes grapevines, fruit trees, nut trees and ornamentals

Apiary Products

PRODUCTION				VALUE	
Item	Year	Total	Unit	Per Unit	Total
Apiary Products					
Beeswax	2006	11,800	Pound	\$1.03	\$12,000
	2005	8,400	Pound	1.46	12,000
	2004	10,000	Pound	1.05	11,000
Honey	2006	631,000	Pound	0.98	618,000
	2005	567,000	Pound	0.72	408,000
	2004	527,000	Pound	0.82	432,000
Pollination	2006	156,000	Colony	128.00	19,968,000
	2005	121,000	Colony	88.00	10,648,000
	2004	130,000	Colony	54.50	7,085,000
TOTAL	2006				\$20,598,000
	2005				11,068,000
	2004				7,528,000

Livestock and Poultry

PRODUCTION					VALUE	
Item	Year	Head	Liveweight	Unit	Per Unit	Total
Cattle and Calves ^a	2006	68,000	479,000	CWT ^b	\$70.00	\$33,530,000
	2005	65,000	482,000	CWT	73.00	35,186,000
	2004	60,700	440,000	CWT	71.00	31,240,000
Replacement Heifers ^c	2006	30,600			1,640.00	50,184,000
	2005	30,600			1,790.00	54,774,000
	2004	29,100			1,570.00	45,687,000
Poultry	2006					17,921,000
	2005					16,979,000
	2004					14,099,000
TOTAL	2006					\$101,635,000
	2005					106,939,000
	2004					91,026,000

a/ Range and dairy cattle sold for beef

b/ Hundredweight: 100 pounds

c/ Milk cows

Livestock and Poultry Products

PRODUCTION					VALUE	
Item	Year	Production	Unit	Per Unit	Total	
Milk Market ^a	2006	14,237,015	CWT	\$11.33	\$161,254,000	
	2005	13,512,117	CWT	13.66	184,517,000	
	2004	13,224,182	CWT	14.51	191,935,000	
Milk Manufacturing ^a	2006	636,470	CWT	12.65	8,050,000	
	2005	733,911	CWT	14.79	10,853,000	
	2004	230,966	CWT	15.20	3,511,000	
Other Products ^b	2006				13,473,000	
	2005				14,654,000	
	2004				14,326,000	
TOTAL	2006				\$182,777,000	
	2005				210,024,000	
	2004				209,772,000	

a/ Madera County has 59 dairies, with 61,800 lactating cows

b/ Includes aquaculture, ducks, market eggs, hogs, manure, sheep, lambs and wool

Agricultural Crop Report Summary

Madera County 2006

Item	Year	Harvested Acreage	Total Value
Apiary	2006		\$20,598,000
	2005		11,068,000
	2004		7,528,000
Field Crops	2006	463,400	81,620,000
	2005	469,800	89,032,000
	2004	475,200	91,648,000
Fruit and Nut Crops	2006	183,000	591,014,000
	2005	185,100	632,179,000
	2004	185,400	618,686,000
Livestock and Poultry	2006		101,635,000
	2005		106,939,000
	2004		91,026,000
Livestock and Poultry Products	2006		182,777,000
	2005		210,024,000
	2004		209,772,000
Nursery Products	2006	640	33,718,000
	2005	740	34,585,000
	2004	720	30,861,000
Forest Products	2006		583,000
	2005		670,000
	2004		713,000
Vegetable Crops	2006	6,200	20,957,000
	2005	5,100	21,033,000
	2004	4,500	24,344,000
TOTAL	2006		\$1,032,902,000
	2005		1,105,530,000
	2004		1,074,578,000

2006 Sustainable Agriculture Report

The **Pest Exclusion Program** prevents the introduction of injurious pests that are not of common occurrence in the county.

During 2006, 550 shipments of plant material, received by nurseries, were inspected for potentially injurious pests prior to retail sale.

Over 950 acres were surveyed for Red Imported Fire Ants, including commercial nurseries, recently-landscaped residential developments, and orchards pollinated by out-of-state beehives. Over 4,900 acres are under treatment for Red Imported Fire Ants.

Countries receiving agricultural commodities require certification that the commodities are free from potentially injurious pests. Nearly 2,650 phytosanitary inspections were performed on Madera County commodities destined for export.

The **Pest Detection Program** utilizes insect traps and surveys for the detection of foreign pests which may have eluded exclusion efforts.

The trapping program in Madera County targeted multiple pests, including the following:

Apple Maggot

Caribbean Fruit Fly

European Corn Borer

Gypsy Moth

Japanese Beetle

Khapra Beetle

Mediterranean Fruit Fly

Melon Fly

Mexican Fruit Fly

Oriental Fruit Fly

Nearly 1,150 traps were deployed in the county, with over 9,200 trap servicings performed during the 2006 season.

The **Integrated Pest Control Program** strives to eradicate infestations of new pests before they become widespread. Pink Bollworm was controlled by post-season plowdown of 10,200 acres of cotton plants.

The **Glassy-winged Sharpshooter Program** serves to detect and control the vector of Pierce's Disease, a potentially catastrophic disease of vineyards. This program involved the placement of 530 traps, with 10,000 subsequent trap servicings. In addition, incoming shipments of host material and susceptible county plantings were inspected.

The **Vertebrate Pest Management Program** provides expertise and materials, to growers and homeowners, for the control of certain depredating vertebrate pests.

Forty-five organic farms, totaling nearly 5,000 acres, were registered in Madera County in 2006. Utilizing organic principles defined in the California Organic Products Act of 2003, these farms produce a wide array of commodities:

almonds, apples, artichokes, arugula, basil, green beans, beets, berries, broccoli, brussels sprouts, cabbage, cantaloupe, cardoon, carrots, celery, chard, cherries, chicory, cilantro, collards, sweet corn, cotton, cucumbers, eggplant, fennel, figs, edible flowers, garlic, gourds, grapes (table, raisin, wine), honeydew, kale, kohlrabi, leeks, lettuce, nectarines, okra, onions, parsley, parsnips, peaches, peas, peppers, pistachios, plums, dried plums, potatoes, poultry, radish, spinach, squash, sudan grass, tomatillos, tomatoes, turnips, watermelons

The total value of organic production in Madera County during 2006 was \$12,800,000.



*Madera County
Department of Agriculture*

332 Madera Avenue

Madera, California 93637