

# MADERA COUNTY DEPARTMENT OF AGRICULTURE

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## *2007 AGRICULTURAL CROP REPORT*

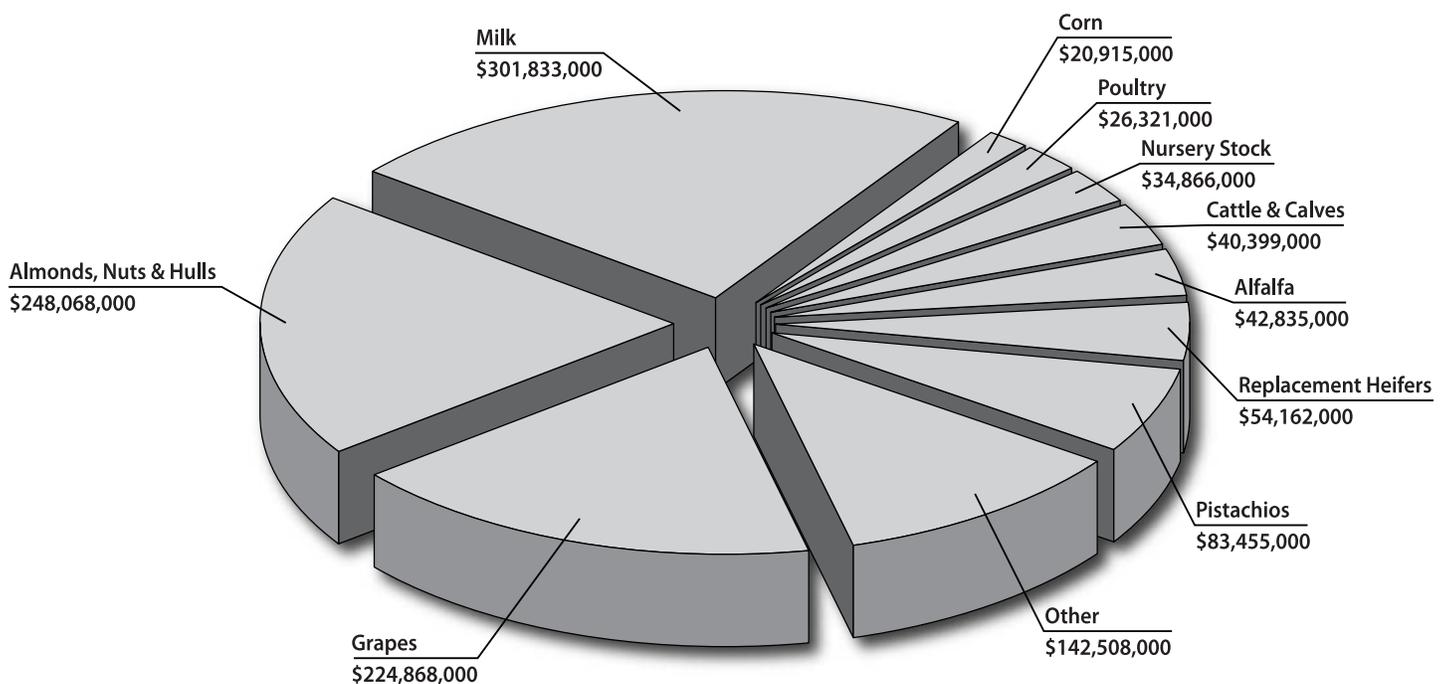




# TEN LEADING CROPS MADERA COUNTY 2007

Commodity	2007 Rank	2007 Dollar Value	2006 Rank
Milk	1	\$301,833,000	3
Almonds, Nuts & Hulls	2	\$248,068,000	1
Grapes	3	\$224,868,000	2
Pistachios	4	\$83,455,000	4
Replacement Heifers	5	\$54,162,000	5
Alfalfa	6	\$42,835,000	6
Cattle and Calves	7	\$40,399,000	8
Nursery Stock	8	\$34,866,000	7
Poultry	9	\$26,321,000	10
Corn	10	\$20,915,000	—

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 Department of Agriculture Weights and Measures

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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  
Frank Bigelow, Ronn Dominici, Vern Moss, Max Rodriguez, and Tom Wheeler

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, I am pleased to submit the 2007 Agricultural Crop Report. This report summarizes the acreage, yield, and gross values of agricultural commodities produced in Madera County but does not in any manner reflect net income or loss to producers.

Madera County's total value of agricultural production in 2007 was \$1,220,230,000. This represents an 18% increase over the total reported in 2006.

For the first time since it was initially reported in 1940, milk has become Madera County's leading commodity with a value of \$301,833,000. This represents a 78% increase over the combined value of market and manufacturing milk in 2006. And, as Madera County's dairy industry has grown, so has the demand for herd replacement and the crops that provide feed to them, further adding to our local economy.

Overall, field crop values saw a gain of almost 10% over 2006, mainly due to increased alfalfa and corn values. Conversely, cotton acreage was sharply reduced to 5,100 acres. Permanent crops saw a gain of almost \$25 million over 2006, buoyed by increases in grapes and almonds. However, the value of pistachios fell almost 45% from last year's level.

This year's report features a retrospective glance at Madera County agriculture. Beginning with the 1937 crop report, total value, leading crops, and other points of interest are tracked in ten year increments. It provides an opportunity to note the trends of the past seventy years and reflect upon the changes that have occurred in our county's most important industry.

The preparation of a report of this type requires extensive collaboration, and I sincerely appreciate the contributions of our growers, the staff of the University of California Cooperative Extension, and industry representatives. I would also like to thank all the members of my staff, especially Cha Vang who compiled the information in its final form.

Sincerely,

Robert J. Rolan  
Agricultural Commissioner/Sealer

# MADERA COUNTY HIGHLIGHTS

County Established	March 11, 1893
County Seat	Madera (city)
Population <sup>a</sup>	146,345

<b>Total County Acreage<sup>b</sup></b>	1,366,951
2007 Harvested Acreage	648,300
Field Crop Acreage	101,400
Fruit and Nut Acreage	186,900
Nursery Acreage	700
Vegetable Acreage	6,300
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

Lake Tahoe

## Ranking of Madera County Among Counties of California

Population <sup>a</sup>	33
Total Acreage	24
Total Agricultural Production <sup>b</sup>	13
Commodity, by Value <sup>c</sup>	
Figs	1
Grapes, Raisin Variety	2
Pistachios	2
Almonds	5
Nectarines	5
Plums	5
Grapes, Table Variety	5
Olives	6
Grapes, Wine Variety	8
Milk, Market	9

Yosemite  
National  
Park

San Francisco

## Ranking of Madera County Among Counties of the United States

Total Agricultural Production <sup>b</sup>	23
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a/ US Bureau of Census, 2006 Estimate  
 b/ USDA Ag Census, 2002  
 c/ County Agricultural  
 Commissioner's Data, 2006

# MADERA COUNTY DEPARTMENT OF AGRICULTURE

## 2007 AGRICULTURAL CROP REPORT

### MADERA COUNTY STAFF

#### 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

Mary Clarke

Cristian Medina

Jason Contreras

Jason Robbins

Judy Cumming

Erik Smith

Molly LaDou

Cha Vang

#### Agricultural & Standards Technician

Bobby Arias

#### Pest Detection Trappers

John Balbas

Steven Portugal

Joanna Perez

Antionatte Shipman

Landy Peterson

Harry Simons

Rosie Valdovinos

#### Administrative Support Staff

Lore Ciuffoli, Administrative Analyst

Tammy Dodson, Program Assistant II

Mary Arias, Program Assistant I

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# FIELD CROPS

		PRODUCTION				VALUE	
Item	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
<b>Alfalfa</b>							
Hay	2007	32,100	7.58	243,318	Ton	\$170.00	\$41,364,000
	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
Silage <sup>a</sup>	2007			38,700	Ton	38.00	1,471,000
	2006			45,700	Ton	28.00	1,280,000
	2005			82,400	Ton	39.00	3,214,000
Total	2007	32,100					42,835,000
	2006	36,500					36,876,000
	2005	36,700					40,265,000
<b>Beans, Dry<sup>b</sup></b>							
	2007	420	1.66	697	Ton	780.00	544,000
	2006	500	1.52	760	Ton	720.00	547,000
	2005	400	1.27	508	Ton	748.00	380,000
<b>Corn</b>							
Grain	2007	1,100	2.26	2,486	Ton	130.00	323,000
	2006	800	3.53	2,824	Ton	166.00	469,000
	2005	1,100	4.13	4,543	Ton	156.00	709,000
Silage	2007	24,700	27.79	686,413	Ton	30.00	20,592,000
	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
Total	2007	25,800					20,915,000
	2006	21,600					13,932,000
	2005	19,500					12,116,000
<b>Cotton</b>							
Lint	2007	5,100	1,206 <sup>c</sup>	12,814	Bale <sup>d</sup>	.71 <sup>e</sup>	4,367,000
	2006	10,200	1,224	26,010	Bale	.73	9,114,000
	2005	14,700	1,173	35,923	Bale	.75	12,932,000
Seed	2007			6,800	Ton	215.00	1,462,000
	2006			10,400	Ton	175.00	1,820,000
	2005			14,400	Ton	172.00	2,477,000
<b>Oat</b>							
Hay	2007	3,800	2.73	10,374	Ton	121.00	1,255,000
	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
<b>Pasture</b>							
Irrigated	2007	4,500			Acre	130.00	585,000
	2006	4,800			Acre	130.00	624,000
	2005	5,200			Acre	130.00	676,000
<b>Rangeland</b>							
	2007	353,000			Acre	12.00	4,236,000
	2006	353,000			Acre	12.00	4,236,000
	2005	353,000			Acre	12.00	4,236,000



## FIELD CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
<b>Wheat</b>							
<b>Grain</b>	<b>2007</b>	<b>3,700</b>	<b>2.42</b>	<b>8,954</b>	<b>Ton</b>	<b>\$159.00</b>	<b>\$1,424,000</b>
	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
<b>Silage</b>	<b>2007</b>	<b>17,000</b>	<b>15.29</b>	<b>259,930</b>	<b>Ton</b>	<b>23.00</b>	<b>5,978,000</b>
	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
<b>Total</b>	<b>2007</b>	<b>20,700</b>					<b>7,402,000</b>
	2006	24,000					7,686,000
	2005	22,900					7,037,000
<b>Winter Forage</b>	<b>2007</b>	<b>4,400</b>	<b>10.27</b>	<b>45,188</b>	<b>Ton</b>	<b>23.00</b>	<b>1,039,000</b>
	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
<b>Miscellaneous<sup>f</sup></b>	<b>2007</b>	<b>4,600</b>					<b>4,750,000</b>
	2006	4,200					4,834,000
	2005	5,400					5,438,000
<b>TOTAL</b>	<b>2007</b>	<b>454,420</b>					<b>\$89,390,000</b>
	2006	463,400					81,620,000
	2005	469,800					89,032,000

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, safflower, rice, field stubble and straw



## VEGETABLE CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
<b>Tomatoes</b>							
<b>Fresh</b>	<b>2007</b>	<b>300</b>	<b>16.21</b>	<b>4,863</b>	<b>Ton</b>	<b>\$470.00</b>	<b>\$2,286,000</b>
	2006	600	16.81	10,086	Ton	401.00	4,042,000
	2005	700	17.01	11,907	Ton	351.00	4,179,000
<b>Processed</b>	<b>2007</b>	<b>5,400</b>	<b>45.86</b>	<b>247,644</b>	<b>Ton</b>	<b>59.00</b>	<b>14,611,000</b>
	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
<b>Miscellaneous<sup>a</sup></b>	<b>2007</b>	<b>640</b>					<b>6,671,000</b>
	2006	500					6,188,000
	2005	1,200					11,622,000

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



# FRUIT & NUT CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Almonds <sup>a</sup>	2007	64,500	1.01	65,145 <sup>b</sup>	Ton	\$3,579.00	\$233,154,000
	2006	62,100	0.86	53,406	Ton	4,043.00	215,920,000
	2005	57,400	0.81	46,494	Ton	5,615.00	261,064,000
Almond Hulls	2007			139,380	Ton	107.00	14,914,000
	2006			101,471	Ton	95.00	9,640,000
	2005			88,339	Ton	91.00	8,039,000
Cherries	2007	310	4.42	1,370	Ton	3,074.00	4,212,000
	2006	-	-	-	-	-	-
	2005	-	-	-	-	-	-
Figs	2007	5,970	1.70	10,149	Ton	1,402.00	14,229,000
	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
<b>Grapes</b>							
<b>Raisin Varieties</b>							
Crushed	2007	12,700	9.71	123,317	Ton	169.00	20,841,000
	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
Dried	2007	21,600	2.76	59,616	Ton	1,098.00	65,458,000
	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
Fresh	2007	1,520	9.54	14,501	Ton	929.00	13,471,000
	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
Table Varieties	2007	2,100	8.51	17,871	Ton	1,617.00	28,897,000
	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
<b>Wine Varieties<sup>c</sup></b>							
Red Varieties	2007	23,300	11.49	267,717	Ton	221.00	59,165,000
	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
White Varieties	2007	17,500	10.03	175,525	Ton	211.00	37,036,000
	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
Total Grapes	2007	78,720					224,868,000
	2006	78,700					173,293,000
	2005	82,400					230,552,000
Nectarines	2007	490	6.56	3,214	Ton	633.00	2,035,000
	2006	500	3.77	1,885	Ton	644.00	1,214,000
	2005	540	4.18	2,257	Ton	932.00	2,104,000



# FRUIT & NUT CROPS

Item	Year	PRODUCTION			VALUE		
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
<b>Olives</b>	<b>2007</b>	<b>1,330</b>	<b>1.78</b>	<b>2,367</b>	<b>Ton</b>	<b>\$914.00</b>	<b>\$2,164,000</b>
	2006	1,320	0.70	924	Ton	884.00	817,000
	2005	1,530	6.74	10,312	Ton	519.00	5,352,000
<b>Oranges</b>	<b>2007</b>	<b>3,840</b>	<b>13.61</b>	<b>52,262</b>	<b>Ton</b>	<b>145.00</b>	<b>7,578,000</b>
	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
<b>Peaches Cling</b>	<b>2007</b>	<b>410</b>	<b>16.36</b>	<b>6,708</b>	<b>Ton</b>	<b>238.00</b>	<b>1,596,000</b>
	2006	550	11.32	6,226	Ton	265.00	1,650,000
	2005	620	12.89	7,992	Ton	250.00	1,998,000
<b>Freestone</b>	<b>2007</b>	<b>600</b>	<b>15.63</b>	<b>9,378</b>	<b>Ton</b>	<b>257.00</b>	<b>2,410,000</b>
	2006	620	13.25	8,215	Ton	397.00	3,261,000
	2005	810	14.35	11,624	Ton	329.00	3,824,000
<b>Pistachios</b>	<b>2007</b>	<b>25,200</b>	<b>1.14</b>	<b>28,728<sup>b</sup></b>	<b>Ton</b>	<b>2,905.00</b>	<b>83,455,000</b>
	2006	24,300	1.50	36,450	Ton	4,149.00	151,231,000
	2005	24,100	0.70	16,870	Ton	4,525.00	76,337,000
<b>Plums</b>	<b>2007</b>	<b>390</b>	<b>8.97</b>	<b>3,498</b>	<b>Ton</b>	<b>821.00</b>	<b>2,872,000</b>
	2006	380	7.14	2,713	Ton	766.00	2,078,000
	2005	510	8.03	4,095	Ton	721.00	2,953,000
<b>Plums, Dried</b>	<b>2007</b>	<b>1,200</b>	<b>3.23</b>	<b>3,876</b>	<b>Ton</b>	<b>1,410.00</b>	<b>5,465,000</b>
	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
<b>Walnuts</b>	<b>2007</b>	<b>1,460</b>	<b>1.30</b>	<b>1,898</b>	<b>Ton</b>	<b>2,060.00</b>	<b>3,910,000</b>
	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
<b>Miscellaneous Fruits &amp; Nuts<sup>d</sup></b>	<b>2007</b>	<b>2,430</b>					<b>11,810,000</b>
	2006	1,860					9,112,000
	2005	1,870					9,789,000
<b>Orchard Firewood</b>	<b>2007</b>			<b>7,500</b>	<b>Cord</b>		<b>1,125,000</b>
	2006			6,500	Cord		910,000
	2005			6,000	Cord		750,000
<b>TOTAL</b>	<b>2007</b>	<b>186,850</b>					<b>\$615,797,000</b>
	2006	183,000					591,014,000
	2005	185,100					632,179,000

a/ Meat basis

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

c/ Includes table grapes crushed

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



## FOREST PRODUCTS

Item	Year	PRODUCTION		VALUE
		Production	Unit	Total Value
Timber	2007	7,074	MBF <sup>a</sup>	\$987,000
	2006	2,361	MBF	402,000
	2005	3,038	MBF	486,000
Firewood	2007	1,255	Cord <sup>b</sup>	270,000 <sup>c</sup>
	2006	1,470	Cord	181,000
	2005	1,570	Cord	184,000
TOTAL	2007			\$1,257,000
	2006			583,000
	2005			670,000

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

c/ Includes value for Christmas trees, greenery, pinecones, saw logs



## NURSERY PRODUCTS

Item	Year	PRODUCTION		VALUE
		Field Acres	House Sq. Ft.	Total Value
Nursery Stock <sup>a</sup>	2007	720	760,000	\$34,866,000
	2006	640	739,000	33,718,000
	2005	740	704,000	34,585,000

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



## APIARY PRODUCTS

Item	Year	PRODUCTION		VALUE	
		Total	Unit	Per Unit	Total
<b>Apiary Products</b>					
Beeswax	2007	19,900	Pound	\$1.20	\$24,000
	2006	11,800	Pound	1.03	12,000
	2005	8,400	Pound	1.46	12,000
Honey	2007	354,000	Pound	0.89	315,000
	2006	631,000	Pound	0.98	618,000
	2005	567,000	Pound	0.72	408,000
Pollination	2007	136,000	Colony	134.00	18,224,000
	2006	156,000	Colony	128.00	19,968,000
	2005	121,000	Colony	88.00	10,648,000
TOTAL	2007				\$18,563,000
	2006				20,598,000
	2005				11,068,000



# LIVESTOCK AND POULTRY

Item	Year	PRODUCTION			VALUE	
		Head	Liveweight	Unit	Per Unit	Total
<b>Cattle and Calves<sup>a</sup></b>	<b>2007</b>	<b>74,100</b>	<b>569,000</b>	<b>CWT<sup>b</sup></b>	<b>\$71.00</b>	<b>\$40,399,000</b>
	2006	68,000	479,000	CWT	70.00	33,530,000
	2005	65,000	482,000	CWT	73.00	35,186,000
<b>Replacement Heifers<sup>c</sup></b>	<b>2007</b>	<b>30,600</b>			<b>1,770.00</b>	<b>54,162,000</b>
	2006	30,600			1,640.00	50,184,000
	2005	30,600			1,790.00	54,774,000
<b>Poultry</b>	<b>2007</b>					<b>26,321,000</b>
	2006					17,921,000
	2005					16,979,000
<b>TOTAL</b>	<b>2007</b>					<b>\$120,882,000</b>
	2006					101,635,000
	2005					106,939,000

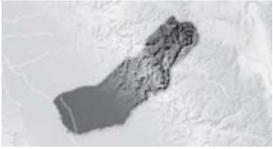
- a/ Range and dairy cattle sold for beef
- b/ Hundredweight: 100 pounds
- c/ Milk cows



# LIVESTOCK AND POULTRY PRODUCTS

Item	Year	PRODUCTION		VALUE	
		Production	Unit	Per Unit	Total
<b>Milk Market<sup>a</sup></b>	<b>2007</b>	<b>16,026,121</b>	<b>CWT</b>	<b>\$17.94</b>	<b>\$287,543,000</b>
	2006	14,237,015	CWT	11.33	161,254,000
	2005	13,512,117	CWT	13.66	184,517,000
<b>Milk Manufacturing<sup>a</sup></b>	<b>2007</b>	<b>755,905</b>	<b>CWT</b>	<b>18.90</b>	<b>14,290,000</b>
	2006	636,470	CWT	12.65	8,050,000
	2005	733,911	CWT	14.79	10,853,000
<b>Other Products<sup>b</sup></b>	<b>2007</b>				<b>14,074,000</b>
	2006				13,473,000
	2005				14,654,000
<b>TOTAL</b>	<b>2007</b>				<b>\$315,907,000</b>
	2006				182,777,000
	2005				210,024,000

- a/ Madera County has 59 dairies, with 75,000 lactating cows
- b/ Includes aquaculture, ducks, market eggs, hogs, manure, sheep, lambs and wool



# MADERA COUNTY AGRICULTURE DECADE TO DECADE

## 1937 *Niels Overgaard, County Agricultural Commissioner*

<b>Gross Production Value</b>		<b>\$9,845,140</b>
<b>Top Three Commodities*</b>	<b>Cotton</b>	<b>\$4,860,600</b>
	<b>Grapes (all)</b>	<b>\$2,145,350</b>
	<b>Barley</b>	<b>\$1,041,600</b>

**Highlights** Other crops included: Strawberries (100 acres), Potatoes (65 acres), Asparagus (50 acres), Artichokes (20 acres). Madera County had a total of 16,585 acres of grapes in production.

*\* No figures available for Milk or Cattle and Calves.*

## 1947 *George A. Pohl, County Agricultural Commissioner*

<b>Gross Production Value</b>		<b>\$49,091,780</b>
<b>Top Three Commodities</b>	<b>Cotton</b>	<b>\$10,779,320</b>
	<b>Cattle/Calves</b>	<b>\$8,437,730</b>
	<b>Alfalfa</b>	<b>\$6,010,200</b>

**Highlights** Potatoes (2,457 acres) and Rice (1,280 acres) were significant contributors and Milk was a leading commodity in Madera County ranked 4th at \$4,916,530

## 1957 *Howard T. McLean, County Agricultural Commissioner*

<b>Gross Production Value</b>		<b>\$62,190,872</b>
<b>Top Three Commodities</b>	<b>Cotton</b>	<b>\$13,138,727</b>
	<b>Cattle/Calves</b>	<b>\$12,088,813</b>
	<b>Grapes</b>	<b>\$6,885,530</b>

**Highlights** Cotton was king, but the Commissioner noted "The trend toward the planting of more fruit and nut crops is indicated by the non-bearing acreage of 2,921 acres of grapes, 959 peaches, 852 figs, 617 almonds, and 346 walnuts."

Milk was ranked fourth at \$6,148,090 while alfalfa, "plagued by aphid and reduced acreage" dropped to 6th in value.

## 1967 *James S. Davis, County Agricultural Commissioner*

<b>Gross Production Value</b>		<b>\$79,976,200</b>
<b>Top Three Commodities</b>	<b>Grapes</b>	<b>\$14,401,000</b>
	<b>Cotton</b>	<b>\$12,573,000</b>
	<b>Cattle/Calves</b>	<b>\$12,375,000</b>

**Highlights** Some yields were reduced due to adverse weather during bloom and spring planting. Over three decades, grape acreage grew to 33,216. In past decade, almond acreage doubled to 2,084 but was not yet a "million dollar crop." Milk, valued at \$7,259,000 was nudged out of 4th place by alfalfa. Turkeys were ranked 6th at \$5.6 million and potatoes rounded out the top ten at \$1.4 million.

Timber harvest was reported at 56,530 million board feet.

## 1977 *Donald O. Cripe, County Agricultural Commissioner*

<b>Gross Production Value</b>	<b>\$219,640,000</b>	
<b>Top Three Commodities</b>	<b>Grapes</b>	<b>\$70,878,000</b>
	<b>Cotton</b>	<b>\$28,633,000</b>
	<b>Alfalfa</b>	<b>\$20,520,000</b>

**Highlights** At \$13,721,000, almonds were the 6th leading crop in the county and milk was valued at \$17,470,000 (4th). Pistachios were just beginning to bear fruit with 327 harvested acres valued at \$314,000. Sugar beets were ranked 11th at \$2,370,000 on 5,400 acres.

Timber harvest (1976) was reported at 58,713 million board feet

## 1987 *Donald O. Cripe, County Agricultural Commissioner*

<b>Gross Production Value</b>	<b>\$430,633,000</b>	
<b>Top Three Commodities</b>	<b>Grapes</b>	<b>\$116,955,000</b>
	<b>Almonds</b>	<b>\$54,068,000</b>
	<b>Cotton</b>	<b>\$38,196,000</b>

**Highlights** Ten years later, the value of milk had doubled to \$34,239,000 (4th) and the bearing acreage of pistachios had grown to 14,424 with a value of \$17,742,000, making it the 9th leading commodity in the county.

Timber harvest virtually tripled over a 20 year period with 164,900 million board feet reported, valued at \$9.5 million.

## 1997 *Robert J. Rolan, County Agricultural Commissioner*

<b>Gross Production Value</b>	<b>\$788,503,000</b>	
<b>Top Three Commodities</b>	<b>Grapes</b>	<b>\$280,525,000</b>
	<b>Almonds</b>	<b>\$154,197,000</b>
	<b>Milk</b>	<b>\$64,296,000</b>

**Highlights** Pistachios were valued at \$55,835,000. The combined value of grapes, almonds and pistachios represented over 60% of Madera County's total crop production. Almond acreage had grown to 42,514 while grape acreage exceeded 87,000.

Forest management policies severely reduced the local timber harvest which had been vibrant only a decade before and the 1997 report indicated a decline to 5,504 million board feet with a value of \$1,225,000.





# ***SUSTAINABLE AGRICULTURE REPORT*** **2007**

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

During 2007, over 590 shipments of plant material, received by nurseries, were inspected for potentially injurious pests prior to retail sale.

Over 5,300 acres were surveyed for Red Imported Fire Ants, including commercial nurseries, recently-landscaped residential developments, and orchards pollinated by out-of-state beehives. Over 1,900 acres are under treatment for Red Imported Fire Ants.

Countries receiving agricultural commodities require certification that the commodities are free from potentially injurious pests. Over 2,900 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*

*Light Brown Apple Moth*

*Mediterranean Fruit Fly*

*Melon Fly*

*Mexican Fruit Fly*

*Oriental Fruit Fly*

Over 1,380 traps were deployed in the county, with over 13,360 trap servicings performed during the 2007 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 5,100 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 539 traps, with 8,375 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-six **Organic Farms**, totaling over 7,600 acres, were registered in Madera County in 2007. 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 2007 was \$13,005,000.



# AGRICULTURAL CROP REPORT SUMMARY

## MADERA COUNTY 2007

Item	Year	Harvested Acreage	Total Value
<b>Apiary</b>	<b>2007</b>		<b>\$18,563,000</b>
	2006		20,598,000
	2005		11,068,000
<b>Field Crops</b>	<b>2007</b>	<b>454,420</b>	<b>89,390,000</b>
	2006	463,400	81,620,000
	2005	469,800	89,032,000
<b>Fruit and Nut Crops</b>	<b>2007</b>	<b>186,850</b>	<b>615,797,000</b>
	2006	183,000	591,014,000
	2005	185,100	632,179,000
<b>Livestock and Poultry</b>	<b>2007</b>		<b>120,882,000</b>
	2006		101,635,000
	2005		106,939,000
<b>Livestock and Poultry Products</b>	<b>2007</b>		<b>315,907,000</b>
	2006		182,777,000
	2005		210,024,000
<b>Nursery Products</b>	<b>2007</b>	<b>720</b>	<b>34,866,000</b>
	2006	640	33,718,000
	2005	740	34,585,000
<b>Forest Products</b>	<b>2007</b>		<b>1,257,000</b>
	2006		583,000
	2005		670,000
<b>Vegetable Crops</b>	<b>2007</b>	<b>6,300</b>	<b>23,568,000</b>
	2006	6,200	20,957,000
	2005	5,100	21,033,000
<b>TOTAL</b>	<b>2007</b>		<b>\$1,220,230,000</b>
	2006		1,032,902,000
	2005		1,105,530,000

**Madera County  
Department  
of Agriculture**



**332 Madera Avenue • Madera, California 93637**