

# 2011

## Agricultural Crop and Livestock Report



Mariposa County  
Department of Agriculture

Karen Ross, Secretary – California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors of Mariposa County

Lee Stetson	District I
Lyle Turpin	District II
Janet Bibby Chair	District III
Kevin Cann	District IV
Jim Allen	District V

Richard J. Benson, Chief Administrative Officer

It is my pleasure to submit the 2011 Agricultural Crop and Livestock Report for Mariposa County.

This annual publication contains statistical information pertaining to acreage, yield, and gross value of Mariposa County agricultural production in accordance with Sections 2272 and 2279 of the California Food and Agricultural Code.

2011 was a year of positive change for Mariposa County agriculture and set an all-time high for the value of agricultural production. Because of the upswing experienced in 2011, Mariposa County's total estimated value of \$31,611,600, an overall increase of \$ 4 million or approximately 15.8% from last year, continues to show the economic importance and the **real** impact that agricultural production has on the local and regional economy. The contribution of agriculture to the economy of Mariposa County is not totally reflected in the values contained in this report. Goods, services, transportation, processing, marketing, employment and other farm-related services significantly multiply these values to benefit the local economy and the surrounding areas.

Cattle and calves continue to be the county's leading farm commodity with a value of \$18,776,000. Rangeland was again second with a value of \$5,800,000. Miscellaneous livestock and poultry products followed with a value of \$2,696,000.

I must stress that these are gross values only, whether marketed or not, and **do not** reflect net income or loss return to the producers. Costs of production and marketing continue to influence net returns. This report does not reflect upon individual operations since **the county** is the smallest unit measured for any particular commodity.

I sincerely appreciate the cooperation and assistance of the many agricultural producers, stakeholders, and agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,

*Cathi Boze*

Cathi Boze  
Agricultural Commissioner/Sealer

**FIELD CROPS:****PRODUCTION  
AND  
VALUE**

	Year	Harvested Acreage	Production		Unit	Value	
			per acre	Total		per unit	Total
Pasture, Irrigated	2011	500	-	-	acre	\$120.00	\$60,000
	2010	600	-	-	acre	120.00	72,000
Rangeland <sup>1</sup>	2011	416,600	-	-	acre	13.92	5,800,000
	2010	416,600	-	-	acre	13.44	5,600,000
Misc. Field Crops <sup>2</sup>	2011	605	-	-	-	-	156,000
	2010	605	-	-	-	-	128,000
TOTAL	2011	417,705					\$6,016,000
	2010	417,805					5,800,000

**FRUIT  
AND  
NUT  
CROPS:****PRODUCTION  
AND  
VALUE**

Item	Year	Acreage		Production		Unit	Per unit	Value Total
		NB	B	Per acre	Total			
Grapes, Total Wine	2011	10.25	105.83*		80.46	ton		93,200
	2010	16.00	100.83**	-	110.31**	ton		96,724**
--Red Wine	2011	9.25	100.78		--	ton	--	84,700
	2010	14.00	96.78**		--	ton	--	94,174**
-White Wine	2011	1.00	5.05		--	ton	--	8,500
	2010	2.00	4.05**		--	ton	--	2,550**
Misc. Fruit & Nut <sup>3</sup>	2011	30.00	143.25	-	-	-	-	457,000
	2010	20.00	345.21	-	-	-	-	579,000
TOTAL	2011	40.25	249.08					550,200
	2010	36.00	446.04**					675,724**

<sup>1</sup> Includes grazing permits on U.S. Forest Service, BLM, and other public lands.

<sup>2</sup> Includes sudan, oat, native, and other pasture hay.

<sup>3</sup> Includes almonds, apricots, berries, citrus, herbs, olives, peaches, pears, tomatoes, and miscellaneous vegetables.

\*Many of the vineyard acres went unharvested in 2011

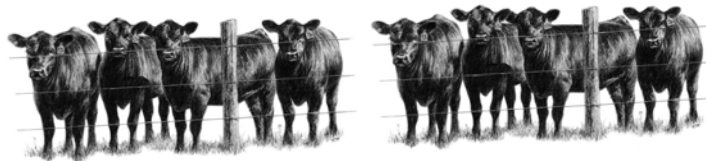
\*\*Revised

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

**LIVESTOCK  
AND  
POULTRY:**

**PRODUCTION  
AND  
VALUE**

Item	Year	No. of Head	Total Liveweight	Unit	Value per unit	Total Value
Cattle & Calves	2011	34,200	163,000	cwt <sup>4</sup>	\$115.30	\$18,776,000
	2010	31,400	153,000	cwt	98.84	15,086,000
Sheep & Lambs	2011	1,475	1,690	cwt	105.64	239,000
	2010	1,475	1,690	cwt	92.14	216,000
All Poultry <sup>5</sup>	2011					1,729,000
	2010					1,702,000
Misc Livestock <sup>6</sup>	2011					759,000
	2010					432,000
TOTAL	2011					\$21,503,000
	2010					17,436,000



**LIVESTOCK  
AND  
POULTRY  
PRODUCTS:**

**PRODUCTION  
AND  
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2011	12,000	lb	\$1.70	\$20,400
	2010	11,800	lb	1.25	14,700
Miscellaneous <sup>7</sup>	2011				2,696,000
	2010				2,693,000
TOTAL	2011				\$2,716,400
	2010				2,707,700

<sup>4</sup> cwt = Hundredweight: 100 pounds

<sup>5</sup> Includes turkey breeder hens, free range turkeys and chickens, pullets, ducks and geese, squab, old hens, exotic poultry, and rabbits.

<sup>6</sup> Includes goats, hogs, and pigs, exotic animals, and buffalo.

<sup>7</sup> Includes chicken, duck and geese eggs, turkey hatching eggs, goat's milk, exotic wools, and mohair.

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

**APIARY  
PRODUCTS:  
PRODUCTION  
AND  
VALUE**

Item	Year	Production	Unit		Value
Honey	2011	70,200	lb	\$1.61	\$113,000
	2010	65,500	lb	1.56	102,000
Miscellaneous Apiary Products <sup>8</sup>	2011				15,000
	2010				11,000
TOTAL	2011				\$128,000
	2010				113,000



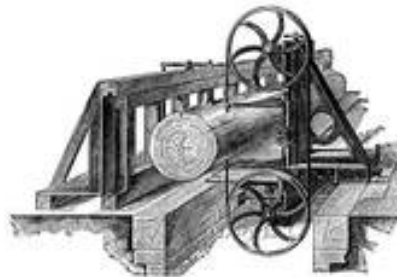
**NURSERY  
STOCK:  
PRODUCTION  
AND  
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock <sup>9</sup>	2011	9.2	\$61,000
	2010	9.4	64,400



**FOREST  
PRODUCTS:  
PRODUCTION  
AND  
VALUE**

Item	Year	MBF	Value
TOTAL <sup>10</sup>	2011	8,600	\$637,000
	2010	9,100	497,000



<sup>8</sup> Includes hives, beeswax, pollen, and rental sites on both public and private lands.

<sup>9</sup> Includes ornamental and native plants, conifers, herbs, roses, cut flowers, berries, vegetables, and iris.

<sup>10</sup> Includes timber sales, green sales, posts and poles, cordwood, and salvage for public (USFS, NFS, and BLM) and private lands.

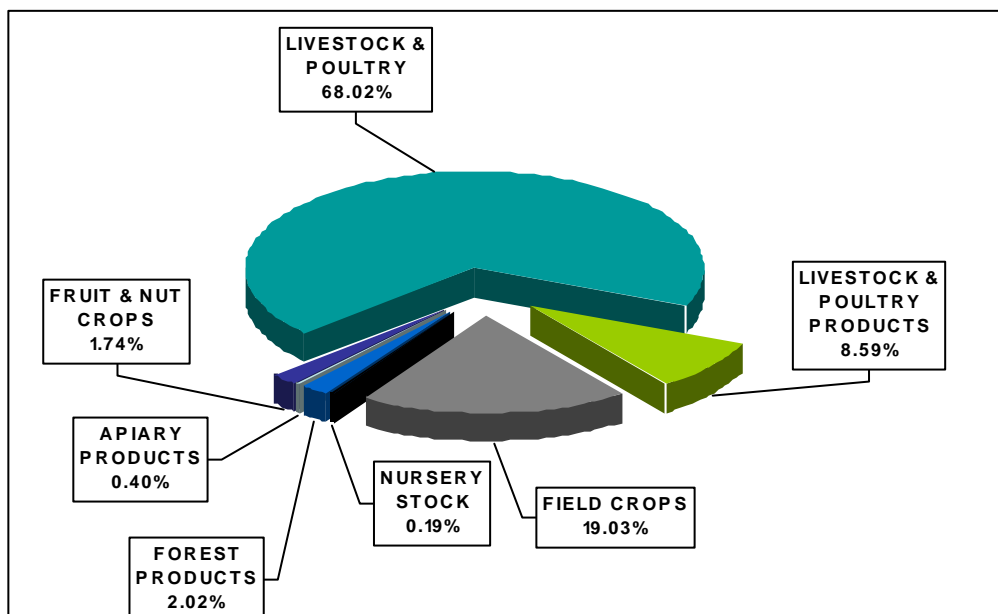
MBF = Million Board Feet

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

### AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
FIELD CROPS	2011	\$6,016,000
	2010	\$5,800,000
FRUIT & NUT CROPS	2011	\$550,200
	2010	\$675,724
LIVESTOCK & POULTRY	2011	\$21,503,000
	2010	\$17,436,000
LIVESTOCK & POULTRY PRODUCTS	2011	\$2,716,400
	2010	\$2,707,700
APIARY PRODUCTS	2011	\$128,000
	2010	\$113,000
NURSERY STOCK	2011	\$61,000
	2010	\$64,400
<b>TOTAL AGRICULTURAL</b>	2011	\$30,974,600
	2010	\$26,796,824
FOREST PRODUCTS	2011	\$637,000
	2010	\$497,000
<b>TOTAL AGRICULTURAL PLUS FOREST PRODUCTS</b>	2011	\$31,611,600
	2010	\$27,293,824

\* Revised



## MARIPOSA COUNTY VALUES OF PRODUCTION

1979 – 2011

<u>YEAR</u>	<u>AGRICULTURAL</u>	<u>AGRICULTURAL/FOREST PRODUCTS</u>
1979	21,054,300	23,598,300
1980	22,416,370	23,926,370
1981	21,684,520	27,211,902
1982	19,389,800	22,602,800
1983	20,349,200	22,653,200
1984	17,056,050	19,229,050
1985	17,403,200	18,723,200
1986	18,623,300	20,350,300
1987	17,551,200	19,947,900
1988	20,125,700	29,498,700
1989	20,457,200	27,435,200
1990	21,907,230	23,851,230
1991	20,891,100	26,342,100
1992	20,178,500	22,524,500
1993	20,027,500	21,742,500
1994	21,878,500	23,617,500
1995	16,237,200	18,089,200
1996	17,410,300	18,738,300
1997	18,397,700	19,641,700
1998	18,302,600	19,698,600
1999	18,689,440	19,795,440
2000	18,621,960	19,484,960
2001	21,381,000*	22,696,000*
2002	19,600,400	20,444,400
2003	20,598,500	21,242,500
2004	24,447,100	25,183,100
2005	27,084,300	28,342,300
2006	27,659,670	28,840,670
2007	28,246,000	29,218,000
2008	24,919,400	25,483,400
2009	25,554,900*	26,208,900*
2010	26,796,824*	27,293,824*
2011	30,974,600	31,611,600

\*Revised

# MARIPOSA COUNTY TOP CROPS - 2011 & 1991

**2011**

**1991**

1 \$18,776,000 CATTLE & CALVES

1 \$12,847,000 CATTLE & CALVES

2 5,800,000 RANGELAND

2 5,451,000 FOREST PRODUCTS

3 2,696,000 MISC. LIVESTOCK &  
POULTRY PRODUCTS

3 3,980,000 RANGELAND

4 1,729,000 ALL POULTRY

4 1,417,000 ALL POULTRY

5 759,000 MISC. LIVESTOCK

5 1,102,000 MISC. LIVESTOCK &  
POULTRY PRODUCTS

6 637,000 FOREST PRODUCTS

6 499,900 APPLES

7 457,000 MISC. FRUITS & NUTS

7 279,000 SHEEP & LAMBS

8 239,000 SHEEP & LAMBS

8 230,000 MISC. LIVESTOCK &  
POULTRY

9 156,000 MISC. FIELD CROPS

9 162,000 MISC. FIELD CROPS

10 113,000 HONEY

10 94,500 NURSERY STOCK



## Annual Sustainable Agriculture Report

### PEST DETECTION:

The following insect detection traps are placed throughout Mariposa County during the trapping season:

200 Gypsy moth traps	27 Khapra Beetle traps	80 Glassy-winged Sharpshooter (GWSS) traps
35 MedFly traps	6 European Pineshoot Moth traps	6 Light Brown Apple Moth (LBAM) Traps
16 Japanese beetle traps	23 European Grapevine Moth traps	
	1 Asian Citrus Psyllid trap	

### PEST EXCLUSION:

Exotic pests, target pests, GWSS	Incoming plant material via truck, UPS, mail	424 shipments inspected
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### PEST ABATEMENT:

IBERIAN STARHISTLE – Hand-pulled, mechanically removed, biocontrol & chemically sprayed  
 YELLOW STARHISTLE – Hand-pulled, biocontrol, mechanically removed & chemically sprayed  
 TOCALOTE – Hand-pulled, biocontrol, mechanically removed & chemically sprayed  
 HYDRILLA- Eradicated  
 SPOTTED & DIFFUSE KNAPWEED – Hand-pulled & chemically sprayed  
 ARUNDO DONAX – Chemically sprayed & mechanically removed  
 OBLONG SPURGE – Chemically sprayed & mechanically removed

### BIOCONTROL:

PEST	AGENT/MECHANISM	SCOPE OF PROGRAM
<b>ASH WHITEFLY</b> <i>Siphonius phyllireae</i>	Parasitic wasp <i>Encarsia</i> spp.	County wide
<b>RED GUM LERP PSYLLID</b> <i>Glycaspis brimblecombei</i>	Parasitic Wasp <i>Psyllaephagus bliteus</i>	County wide
<b>YELLOW STARHISTLE</b> <i>Centaurea solstitialis</i>	Seed Head Weevil <i>Bangasternus orientalis</i>	2 sites
	Hairy Weevil <i>Eustenopus villosus</i>	Various sites
	Peacock fly <i>Chaetorellia australis</i>	4 sites
<b>KLAMATH WEED</b> <i>Hypericum perforatum</i>	Klamath Weed Beetle <i>Chrysolina</i> spp.	County wide
<b>PUNCTUREVINE</b> <i>Tribulus terrestris</i>	Seed & Stem Weevils <i>Microlarinus</i> spp.	County wide

### ORGANIC FARMING STATISTICS:

One organic grower was registered in 2011. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Market which operates June through mid-October at the 6<sup>th</sup> Street parking lot on Stroming Road.

## AGRICULTURAL FACTS FOR MARIPOSA COUNTY

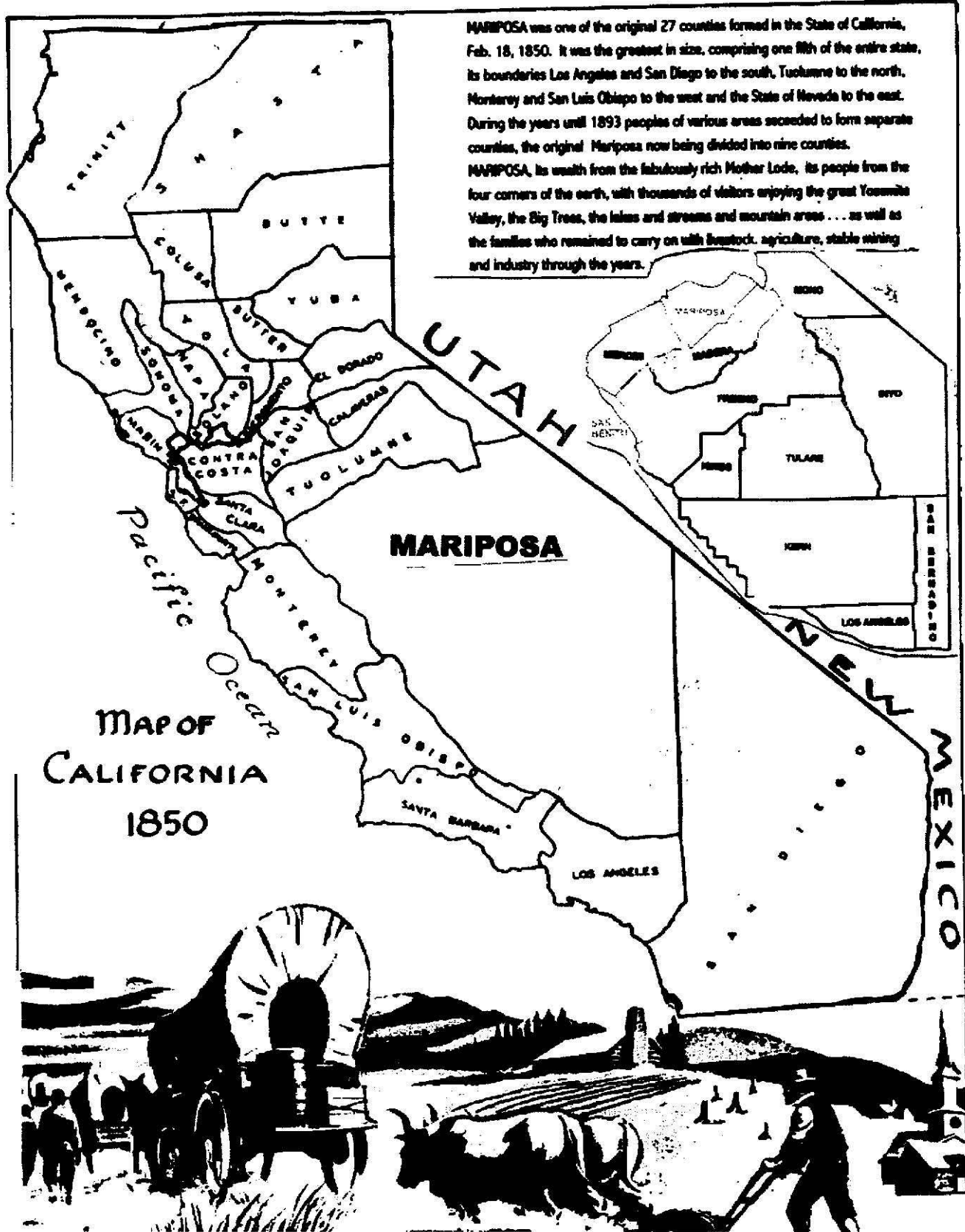
Mean Minimum – Maximum Temperatures	28° F. - 96° F.	
Avg. Seasonal Rainfall	20 – 40 inches (depending on elevation)	
Land Area	928,700 acres	1,451.1 sq. miles
Water Area	7,490 acres	11.7 sq. miles
Total Area	936,190 acres	1,462.8 sq. miles
Land in Timber Production		
National Forest	121,000 acres	
Private Lands	31,000 acres	
Total Timber Acreage	152,000 acres	
Land in Williamson Act	\$38,081,471	182,700.25 acres (2011)
	\$35,122,256	185,500 acres (2010)
Retail Value of Mariposa Wines	10,146 gal @ \$36.91 = \$374,482 (2011)	
	7,228 gal @ \$33.87 = \$244,800 (2010)	
Total Value of Agricultural Production*	\$30,974,600 (2011)	
Total Value of Forest Products*	\$637,000 (2011)	
Total Value of Agricultural Plus Forest Products*	\$31,611,600 (2011)	

\*Source – 2011 Agricultural Crop Report for Mariposa County.  
Other figures from 2000 California State Statistical Abstract and  
California Almanac.

2011 Mariposa County Agricultural & Livestock Report is available online at:  
<http://www.mariposacounty.org/index.aspx?NID=835>

Cover photo taken by Marvin Silver of lupines in his Silver Fox Vineyards on Morningstar Lane in Mariposa County.

# MARIPOSA - The Mother of Counties



MARIPOSA was one of the original 27 counties formed in the State of California, Feb. 18, 1850. It was the greatest in size, comprising one fifth of the entire state, its boundaries Los Angeles and San Diego to the south, Tuolumne to the north, Monterey and San Luis Obispo to the west and the State of Nevada to the east. During the years until 1893 peoples of various areas seceded to form separate counties, the original Mariposa now being divided into nine counties. MARIPOSA, its wealth from the fabulously rich Mother Lode, its people from the four corners of the earth, with thousands of visitors enjoying the great Yosemite Valley, the Big Trees, the lakes and streams and mountain areas ... as well as the families who remained to carry on with livestock, agriculture, stable mining and industry through the years.