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California Department of Food and Agriculture

# Agricultural Commissioners' Crop Reports

# Mariposa County

2012-2015

# 2012

# 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, Chair District I
Merlin Jones District II
Janet Bibby District III
Kevin Cann District IV
John Carrier District V

Richard J. Benson, Chief Administrative Officer

It is my pleasure to submit the 2012 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.

2012 was again a year of positive change for Mariposa County agriculture and set an all-time high for the value of agricultural production. Mariposa County total estimated value of \$35,422,000, an overall increase of \$3.8 million or approximately 12.1% from last year, continues to show the economic importance and the <u>real</u> 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 countyon leading farm commodity with a value of \$22,047,000. Rangeland was again second with a value of \$5,754,000. Miscellaneous livestock and poultry products followed with a value of \$3,299,000.

I must stress that these are gross values only, whether marketed or not, and **do not** in any manner reflect net income or loss 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 public agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,

#### Cathi Boze

Cathi Boze

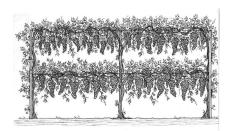
Agricultural Commissioner/Sealer

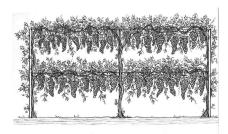
Cover photos by Robert S. Boehm of olive plantings at Owens Creek Company, LLC. along Highway 140 in Mariposa County.

FIELD CROPS:

**PRODUCTION** AND VALUE

	Year	Harvested	Produ	Production		1	/alue
		Acreage	_	per acre		per unit	Total
			_Total				
Pasture,	2012	500	-	_	acre	\$120.00	\$60,000
Irrigated	2011	500	-	_	acre	120.00	60,000
Rangeland <sup>1</sup>	2012	416,600	-	-	acre	13.81	5,754,000
	2011	416,600	-	-	acre	13.92	5,800,000
Misc. Field	2012	535	-	_	-	-	176,000
Crops <sup>2</sup>	2011	605	-	-	-	-	156,000
TOTAL	2012	417,635					\$5,990,000
	2011	417,705					6,016,000





FRUIT
AND
NUT
CROPS:

**PRODUCTION** AND VALUE

Item	Year	Acreage	D	Production	Tatal	Unit	Dan	Value
		NB	В	Per acre	Total		Per unit	Total
Grapes,	2012	11.50	103.83*		103.12	ton		117,000
Total	2011	10.25	105.83	-	80.46	ton		93,200
Wine								
Red	2012	9.50	98.78			ton		109,500
Wine	2011	9.25	100.78			ton		84,700
-White	2012	2.00	5.05			ton		7,500
Wine	2011	1.00	5.05			ton		8,500
Misc.	2012	30.00	137.00	-	-	-	-	440,000
Fruit &	2011	30.00	143.25	-	-	-	-	457,000
Nut <sup>3</sup>								
TOTAL	2012	41.50	240.83					557,000
	2011	40.25	249.08					550,200

<sup>&</sup>lt;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; most of the hay is used on the ranches where it is produced.

Includes almonds, berries, citrus, herbs, olives, peaches, pears, tomatoes, and miscellaneous vegetables.

\*Many of the vineyard acres went unharvested in 2012.

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	2012 2011	36,300 34,200	176,000 163,000	cwt <sup>4</sup>	\$124.40 115.30	\$22,047,000 18,776,000
Sheep & Lambs	2012 2011	1,505 1,475	1,729 1,690	cwt cwt	120.42 105.64	268,000 239,000
All Poultry <sup>5</sup>	2012 2011					1,826,000 1,729,000
Misc Livestock <sup>6</sup>	2012 2011					767,000 759,000
TOTAL	2012 2011					\$24,908,000 21,503,000





LIVESTOCK AND **POULTRY** PRODUCTS: **PRODUCTION** AND

VALUE

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2012	14,400	lb	\$1.60	\$23,000
	2011	12,000	lb	1.70	20,400
Miscellaneous <sup>7</sup>	2012				3,299,000
	2011				2,696,000
TOTAL	2012				\$3,322,000
	2011				2,716,400

 <sup>&</sup>lt;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, poultry, and rabbits.

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

Includes chicken, duck and geese eggs, turkey hatching eggs, goatøs milk, exotic wools, and mohair.

APIARY PRODUCTS:

**PRODUCTION** AND VALUE

Item	Year	Production		Unit	Value
Honey	2012	94,400	lb	\$1.93	\$182,000
(P)	2011	70,200	lb	1.61	113,000
Miscellaneous Apiary	2012				23,000
Products <sup>8</sup>	2011				15,000
TOTAL	2012				\$205,000
	2011				128,000





NURSERY STOCK:

**PRODUCTION** AND VALUE

Item	Year	Production Area (acres)	Value
Nursery Stock <sup>9</sup>	2012 2011	9.2 9.2	\$63,000 61,000
		). <u>-</u>	01,000



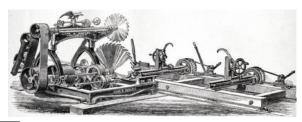




**FOREST** PRODUCTS:

**PRODUCTION** AND VALUE

Item	Year	MBF	Value
TOTAL <sup>10</sup>	2012	3,031	\$377,000
	2011	8,600	637,000

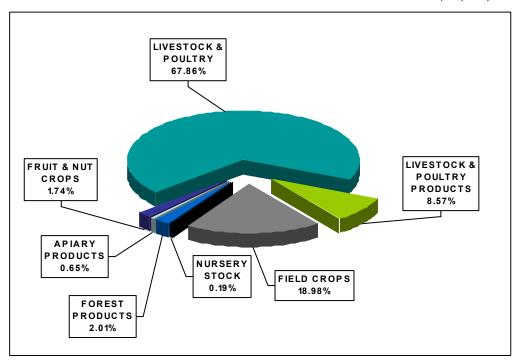


MBF = Million Board Feet

 <sup>&</sup>lt;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, 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.

#### AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	TOTAL VALUE
FIELD CROPS	2012 2011	\$5,990,000 \$6,016,000
FRUIT & NUT CROPS	2012 2011	\$557,000 \$550,200
LIVESTOCK & POULTRY	2012 2011	\$24,908,000 \$21,503,000
LIVESTOCK & POULTRY PRODUCTS	2012 2011	\$3,322,000 \$2,716,400
APIARY PRODUCTS	2012 2011	\$205,000 \$128,000
NURSERY STOCK	2012 2011	\$63,000 \$61,000
TOTAL AGRICULTURAL	2012 2011	\$35,045,000 \$30,974,600
FOREST PRODUCTS	2012 2011	\$377,000 \$637,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2012 2011	\$35,422,000 \$31,611,600



## MARIPOSA COUNTY VALUES OF PRODUCTION

#### 1979 – 2012

<u>YEAR</u>	<u>AGRICULTURAL</u>	AGRICULTURAL/FOREST PRODUCTS
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
2012	35,045,000	35,422,000

<sup>\*</sup>Revised

## MARIPOSA COUNTY TOP CROPS - 2012 & 1992

## 2012 1992

1	\$22,047,000 CATTLE & CALVES	1 \$1	12,004,000 CATTLE & CALVES
2	5,754,000 RANGELAND	2	4,191,000 RANGELAND
3	3,299,000 MISC. LIVESTOCK & POULTRY PRODUCTS	3	2,341,000 FOREST PRODUCTS
4	1,826,000 ALL POULTRY		1,446,000 MISC. LIVESTOCK & POULTRY PRODUCTS
5	767,000 MISC. LIVESTOCK	5	900,000 ALL POULTRY
6	440,000 MISC. FRUITS & NUTS	6	516,000 APPLES
7	377,000 FOREST PRODUCTS	7	315,000 SHEEP & LAMBS
8	268,000 SHEEP & LAMBS	8	218,000 MISC. LIVESTOCK
9	182,000 HONEY	9	153,000 MISC. FIELD CROPS
10	176,000 MISC. FIELD CROPS	10	93,400 NURSERY STOCK
11	117,000 WINE GRAPES, TOTAL	11	86,700 WINE GRAPES, ALL

#### **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

35 MedFly traps 6 European Pineshoot Moth traps (GWSS) traps

16 Japanese beetle traps 1 Asian Citrus Psyllid trap 6 Light Brown Apple Moth

(LBAM) Traps

**PEST EXCLUSION:** 

Exotic pests, target Incoming plant material 227 shipments pests, GWSS via truck, UPS, mail inspected

#### **PEST ABATEMENT:**

IBERIAN STARTHISTLE ó Hand-pulled, mechanically removed, & chemically sprayed

YELLOW STARTHISTLE ó Hand-pulled, biocontrol, mechanically removed & chemically sprayed

TOCALOTE ó Hand-pulled, mechanically removed & chemically sprayed

**HYDRILLA- Eradicated** 

SPOTTED & DIFFUSE KNAPWEED ó Hand-pulled & chemically sprayed

ARUNDO DONAX ó Chemically sprayed & mechanically removed

OBLONG SPURGE ó Chemically sprayed & mechanically removed

#### **BIOCONTROL:**

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

#### **ORGANIC FARMING STATISTICS:**

One organic grower was registered in 2012. 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  $6^{th}$  Street parking lot on Stroming Road.

#### AGRICULTURAL FACTS FOR MARIPOSA COUNTY

Mean Minimum ó Maximum Temperatures

28° F. - 96° F.

Avg. Seasonal Rainfall 20 ó 40 inch

20 ó 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 Private Lands 121,000 acres 31,000 acres

Total Timber Acreage

152,000 acres

Land in Williamson Act

183,763.56 acres (2012)

\$41,210,734

182,700.25 acres (2011)

\$38,081,471

Retail Value of Mariposa Wines

10,815 gal @ \$28.65 = \$309,820 (2012) 10,146 gal @ \$36.91 = \$374,482 (2011)

Total Value of Agricultural Production\*

\$35,045,000 (2012)

Total Value of Forest Products\*

\$377,000 (2012)

Total Value of Agricultural

\$35,422,000 (2012)

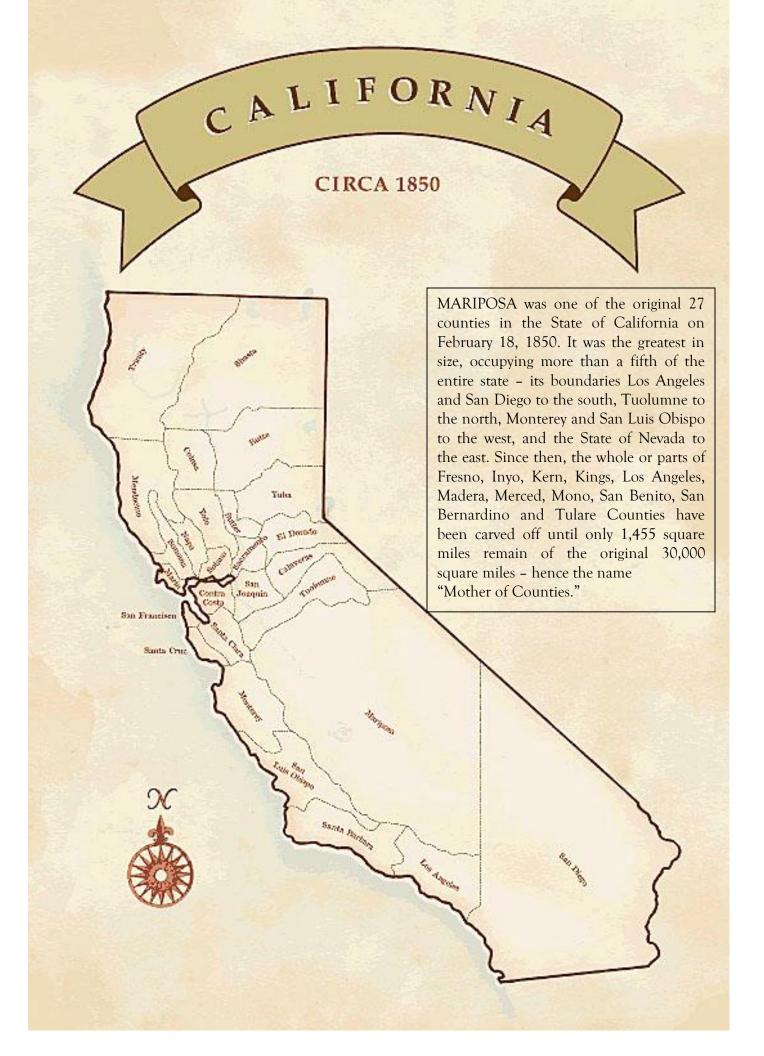
Plus Forest Products\*

Certified Farmersø Market

Mariposa: Wednesdays, 6<sup>th</sup> Street Parking Lot On Stroming Road

\*Source ó 2012 Agricultural Crop Report for Mariposa County. Other figures from 2000 California State Statistical Abstract and California Almanac.

2012 Mariposa County Agricultural & Livestock Report is available online at: <a href="http://www.mariposacounty.org/index.aspx?nid=63">http://www.mariposacounty.org/index.aspx?nid=63</a>



# 2013

# Agrícultural Crop and Livestock Report



Maríposa County Department of Agrículture

# MARIPOSA COUNTY DEPARTMENT OF AGRICULTURE & WEIGHTS AND MEASURES

OFFICE OF AGRICULTURAL COMMISSIONER/SEALER Post Office Box 905, 5009 Fairgrounds Road Mariposa, California 95338-0905 Phone (209) 966-2075 Fax (209) 966-2056 agcomm@mariposacounty.org

Karen Ross, Secretary – California Department of Food and Agriculture and

The Honorable Board of Supervisors of Mariposa County

Lee StetsonDistrict IMerlin JonesDistrict IIJanet BibbyDistrict IIIKevin Cann, ChairDistrict IVJohn CarrierDistrict V

Richard J. Benson, County Administrative Officer

It is my pleasure to submit the 2013 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.

Mariposa County agriculture began to show the effects of the state-wide drought in 2013, particularly on the livestock industry. While Mariposa County's total estimated agricultural production was valued at \$33,305,000, there was an overall decrease of over \$1 million or approximately 2.9% from last year. However, the agricultural production value does continue to show the economic importance and the <u>real</u> 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 agricultural commodity with a value of \$20,489,000, despite a 7.8% decrease in value from 2012 due to the impacts of the drought which resulted in fewer head sold and lighter weights of gain for both the cow-calf and stocker operations. Rangeland was again second with a value of \$5,826,000, despite the loss of rangeland forage production due to drought conditions. Miscellaneous livestock and poultry products followed with a value of \$2,272,000.

I must stress that these are gross values only, whether marketed or not, and *do not* in any manner represent or reflect net income or loss to the producers. Costs of production and marketing continue to influence net returns and profit. 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 public agencies that made this report possible, especially those providing data used in the compilation of this report.

Respectfully Submitted,

Cathi Boze

Agricultural Commissioner/Sealer

Cover photo by Richard Tasco of iris plantings at Superstition Iris Gardens along Old Highway in Mariposa County.

FIELD CROPS:

**PRODUCTION** AND VALUE

	Year	Harvested Acreage	Produ per a Total		Unit	per unit	Value Total
Pasture,	2013	500	-	-	acre	\$120.00	\$60,000
Irrigated	2012	500	-	-	acre	120.00	60,000
Rangeland	2013	416,600	-	-	acre	13.98	5,826,000
	2012	416,600	-	-	acre	13.81	5,754,000
Misc. Field	2013	675	-	-	-	-	472,000
Crops <sup>2</sup>	2012	535	-	-	-	-	176,000
TOTAL	2013	417,775					\$6,358,000
	2012	417,635					5,990,000



FRUIT AND NUT **CROPS:** 

**PRODUCTION** AND VALUE

Item	Year	Acreage NB	В	Production Per acre Total		Unit	Per	Value
							unit	Total
Grapes,	2013	10.00	109.73*		126.55	ton		163,000
Total	2012	11.50	103.83	-	103.12	ton		117,000
Wine								
Red	2013	8.00	101.68			ton		149,000
Wine	2012	9.50	98.78			ton		109,500
-White	2013	2.00	8.05			ton		14,000
Wine	2012	2.00	5.05			ton		7,500
Misc.	2013	37.00	137.00	-	-	-	-	305,000
Fruit &	2012	30.00	137.00	-	-	-	-	440,000
Nut <sup>3</sup>								
TOTAL	2013	47.00	246.73					468,000
	2012	41.50	240.83					557,000

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

NB = nonbearing, B = bearing

<sup>&</sup>lt;sup>2</sup> Includes sudan, oat, native, and other pasture hay; most of the hay is used on the ranches where it is produced.

<sup>3</sup> Includes almonds, apples, citrus, herbs, olives, tree fruit, and miscellaneous vegetables.

<sup>\*</sup>Many of the vineyard acres went unharvested in 2013.

LIVESTOCK AND POULTRY:

PRODUCTION AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value per unit	Total Value
Cattle & Calves	2013 2012	34,300 36,300	152,000 176,000	cwt <sup>4</sup>	\$134.15 124.40	\$20,489,000 22,086,000*
Sheep & Lambs	2013 2012	1,407 1,505	1,582 1,729	cwt cwt	154.20 120.42	304,000 268,000
All Poultry <sup>5</sup>	2013 2012					1,777,000 1,826,000
Misc Livestock <sup>6</sup>	2013 2012					819,000 767,000
TOTAL	2013 2012					\$23,389,000 24,947,000*



LIVESTOCK
AND
POULTRY
PRODUCTS:
PRODUCTION

and Value

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2013	15,300	lb	\$1.45	\$22,000
	2012	14,400	lb	1.60	23,000
Miscellaneous <sup>7</sup>	2013				2,272,000
	2012				2,154,000*
TOTAL	2013				\$2,294,000
	2012				2,177,000*

<sup>&</sup>lt;sup>4</sup> cwt = Hundredweight: 100 pounds

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

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

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

<sup>\*</sup>Revised

APIARY PRODUCTS:

PRODUCTION
AND
VALUE

Item	Year	Production		Unit	Value
Honey	2013 2012	42,200 94,400	lb lb	\$2.10 1.93	\$89,000 182,000
Miscellaneous Apiary Products <sup>8</sup>	2013 2012				13,000 23,000
TOTAL	2013 2012				\$102,000 205,000





NURSERY STOCK:

PRODUCTION AND VALUE

Item	Year	Production Area (acres)	Value
Nursery Stock <sup>9</sup>	2013	8.2	\$61,000
	2012	9.2	63,000









FOREST PRODUCTS:

PRODUCTION AND VALUE

Item	Year	MBF	Value
TOTAL <sup>10</sup>	2013	5,122	\$633,000
	2012	3,031	377,000



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

MBF = Thousand Board Feet

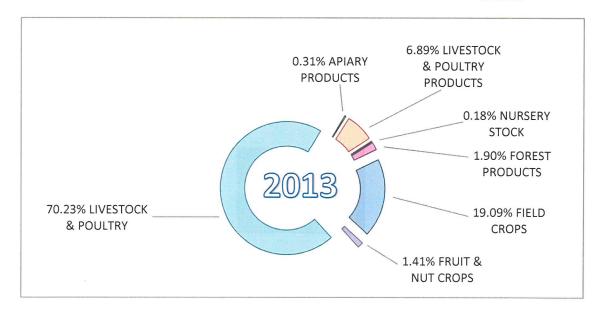
<sup>&</sup>lt;sup>9</sup> Includes ornamental and native plants, conifers, herbs, roses, cut flowers, vegetables, and iris.

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

#### AGRICULTURAL CROP REPORT RECAPITULATION

ITEM	YEAR	TOTAL VALUE
FIELD CROPS	2013 2012	\$ 6,358,000 \$ 5,990,000
FRUIT & NUT CROPS	2013 2012	\$ 468,000 \$ 557,000
LIVESTOCK & POULTRY	2013 2012	\$ 23,389,000 \$ 24,947,000 *
LIVESTOCK & POULTRY PRODUCTS	2013 2012	\$ 2,294,000 \$ 2,177,000 *
APIARY PRODUCTS	2013 2012	\$ 102,000 \$ 205,000
NURSERY STOCK	2013 2012	\$ 61,000 \$ 63,000
TOTAL AGRICULTURAL	2013 2012	\$ 32,672,000 \$ 33,939,000 *
FOREST PRODUCTS	2013 2012	\$ 633,000 \$ 377,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2013 2012	\$ 33,305,000 \$ 34,316,000 *

<sup>\*</sup> Revised



#### MARIPOSA COUNTY VALUES OF PRODUCTION

#### 1979 - 2013

<u>YEAR</u>	<u>AGRICULTURAL</u>	AGRICULTURAL/FOREST PRODUCTS
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
2012	33,939,000*	34,316,000*
2013	32,672,000	33,305,000

<sup>\*</sup>Revised

# MARIPOSA COUNTY TOP CROPS - 2013 & 1993

#### 

## 

1	\$20,489,000 CATTLE & CALVES	1 \$	11,846,000 CATTLE & CALVES
2	5,826,000 RANGELAND	2	4,201,000 RANGELAND
3	2,272,000 MISC. LIVESTOCK & POULTRY PRODUCTS	3	1,715,000 FOREST PRODUCTS
4	1,777,000 ALL POULTRY	4	1,448,000 LIVESTOCK & POULTRÝ PRODUCTS
5	819,000 MISC. LIVESTOCK	5	918,000 ALL POULTRY
6	633,000 FOREST PRODUCTS	6	404,000 APPLES
7	472,000 MISC. FIELD CROPS	7	362,000 SHEEP & LAMBS
8	305,000 MISC. FRUITS & NUTS	8	204,000 MISC. LIVESTOCK
9	304,000 SHEEP & LAMBS	9	183,000 MISC. FIELD CROPS
10	163,000 WINE GRAPES, TOTAL	10	110,400 WINE GRAPES, ALL

#### Annual Sustainable Agriculture Report

#### PEST DETECTION:

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

200 Gypsy moth traps

16 Japanese beetle traps

27 Khapra Beetle traps

80 Glassy-winged Sharpshooter

35 MedFly traps

6 European Pineshoot Moth traps 1 Asian Citrus Psyllid trap (GWSS) traps 6 Light Brown Apple Moth

(LBAM) Traps

PEST EXCLUSION:

Exotic pests, target pests, GWSS

Incoming plant material via truck, UPS, mail

50 shipments inspected

PEST ABATEMENT:

IBERIAN STARTHISTLE - Hand-pulled, mechanically removed, & chemically sprayed

YELLOW STARTHISTLE - 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:**

AGENT/MECHANISM	SCOPE OF PROGRAM
Parasitic wasp <u>Encarsia</u> spp.	County wide
Parasitic Wasp Psyllaephagus bliteus	County wide
Seed Head Weevil <u>Bangasternus orientalis</u>	2 sites
Hairy Weevil <u>Eustenopus villosus</u>	Various sites
Peacock fly <u>Chaetorellia australis</u>	4 sites
Klamath Weed Beetle <u>Chrysolina</u> spp.	County wide
Seed & Stem Weevils <u>Microlarinus</u> spp.	County wide
	Parasitic wasp  Encarsia spp.  Parasitic Wasp  Psyllaephagus bliteus  Seed Head Weevil  Bangasternus orientalis  Hairy Weevil  Eustenopus villosus  Peacock fly  Chaetorellia australis  Klamath Weed Beetle  Chrysolina spp.  Seed & Stem Weevils

#### **ORGANIC FARMING STATISTICS:**

One organic grower was registered in 2013. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Market which operates May 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

183,832.31 acres (2013)

\$44,628,575

183,763.56 acres (2012)

\$41,210,734

Retail Value of Mariposa Wines

6,845 gal @ \$33.47 = \$229,119 (2013)

10,815 gal @ \$28.65 = \$309,820 (2012)

Total Value of Agricultural Production\*

\$32,672,000 (2013)

Total Value of Forest Products\*

\$633,000 (2013)

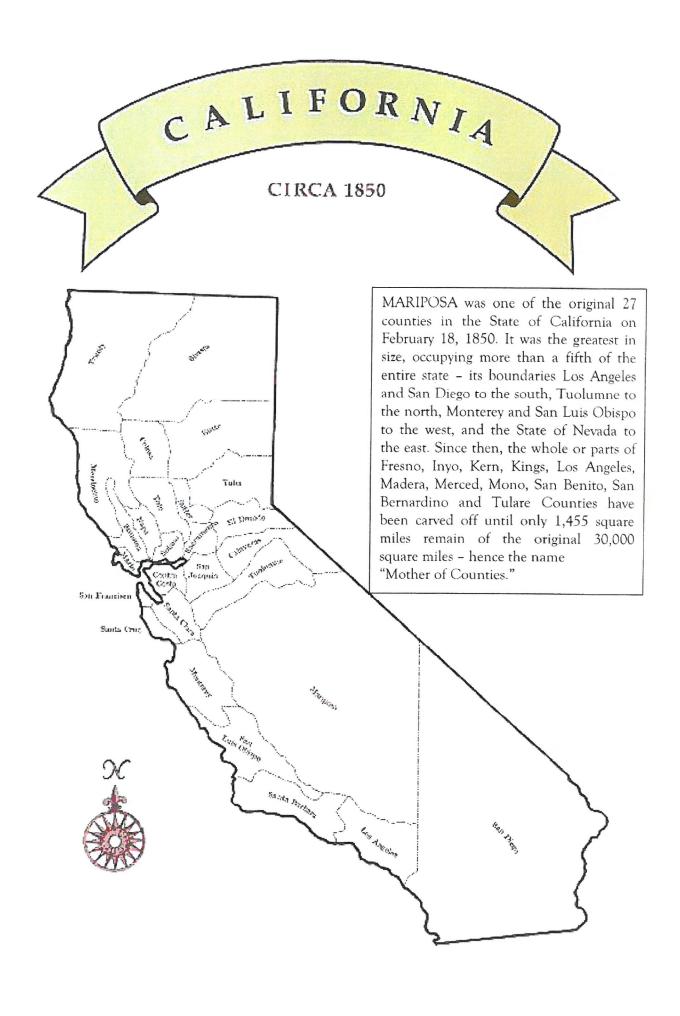
Total Value of Agricultural

\$33,305,000 (2013)

Plus Forest Products\*

\*Source – 2013 Agricultural Crop Report for Mariposa County. Other figures from 2000 California State Statistical Abstract and California Almanac.

2013 Mariposa County Agricultural & Livestock Report as well as previous years crop reports can be viewed online at: <a href="http://www.mariposacounty.org/index.aspx?nid=63">http://www.mariposacounty.org/index.aspx?nid=63</a>



# 2014

# Agrícultural Crop and Lívestock Report



Maríposa County Department of Agrículture

# MARIPOSA COUNTY DEPARTMENT OF AGRICULTURE & WEIGHTS AND MEASURES

OFFICE OF AGRICULTURAL COMMISSIONER/SEALER Post Office Box 905, 5009 Fairgrounds Road Mariposa, California 95338-0905 Phone (209) 966-2075 Fax (209) 966-2056 agcomm@mariposacounty.org

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

Rosemarie Smallcombe Merlin Jones, Chair Marshall Long Kevin Cann John Carrier, Vice-Chair

District II District III District IV District V

District I

Mary Hodson, County Administrative Officer

It is my pleasure to submit the 2014 Agricultural Crop and Livestock Report for Mariposa County.

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

Mariposa County agriculture continued to show the effects of the state-wide drought in 2014, particularly on the livestock industry. Mariposa County's total estimated agricultural production was valued at \$43,247,000, an overall increase of \$10 million or approximately 29.85% from last year. The agricultural production value continues to show the economic importance and the <u>real</u> 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. The fact that the gross value of agriculture continues to increase reflects positively on the importance of our agricultural industry to Mariposa County.

Cattle and calves continue to be the county's leading agricultural commodity with a production value of \$29,430,000, a 43.6% increase in value from 2013 due to the impacts of the drought which resulted in an increase in the number of head sold for both the cow-calf and stocker operations. Rangeland was again second with a production value of \$5,792,000, despite the fallowing of rangeland due to drought conditions. Miscellaneous livestock and poultry products followed with a production value of \$3,258,000.

I must stress that these are gross values only, whether marketed or not, and **do not** in any manner represent or reflect net income or loss experienced by individual producers. Producers do not have control over most input costs nor can they significantly affect market prices. Costs of production and marketing continue to influence net returns and profit. This report does not reflect upon individual operations since **the county** is the smallest unit measured for any particular commodity.

Mariposa County's agricultural strength is based on its agricultural heritage and values. The County's true wealth is found in its farmers and ranchers and in our FFA and 4-H youth.

I sincerely appreciate the cooperation and assistance of the many agricultural producers and ranchers, stakeholders, and public agencies that made this report possible, especially those providing data used in the compilation of this report.

Respectfully Submitted,

Cathi Boze

Agricultural Commissioner/Sealer

Cover photo by Monica Nielsen, Mariposa County Agricultural & Standards Inspector I, of South African Boer goats at Ariaz Mountain Ranch along Highway 132 in Mariposa County.

FIELD CROPS:

**PRODUCTION** AND VALUE

	Year	Harvested	Production		Unit	V	alue
		Acreage	per	acre		per unit	Total
Pasture,	2014	500			acre	\$120.00	\$60,000
Irrigated	2013	500			acre	120.00	60,000
Don solon d <sup>1</sup>	2014	416,600			acre	13.90	5,792,000
Rangeland	2013	416,600			acre	13.98	5,826,000
Misc. Field	2014	702					429,000
Crops <sup>2</sup>	2013	675					472,000
TOTAL	2014	417,802					\$6,281,000
IOIAL	2013	417,775					6,358,000



**FRUIT** AND NUT **CROPS:** 

**PRODUCTION** AND VALUE

Item	Year	Acreage		Production		Unit	Value	
		NB	В	per acre	<b>Total</b>		per unit	Total
Grapes, Total Wine	2014 2013	11.00 10.00	77.08* 109.73		59.31 126.55	ton ton		66,000 163,000
Red	2014	6.00	72.83					56,000
Wine	2013	8.00	101.68					149,000
-White	2014	5.00	4.25					10,000
Wine	2013	2.00	8.05					14,000
Misc. Fruits & Nuts <sup>3</sup>	2014 2013	37.00 37.00	131.48 137.00			1 1	-1	343,000 305,000
TOTAL	2014 2013	48.00 47.00	208.56 246.73					409,000 468,000

<sup>&</sup>lt;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; most of the hay is used on the ranches where it is produced.
<sup>3</sup> Includes almonds, apples, citrus, herbs, olives, tree fruit, and miscellaneous vegetables.

<sup>\*</sup>Many of the vineyard acres went unharvested in 2014 and some vineyards were removed. NB = nonbearing, B = bearing

LIVESTOCK AND **POULTRY:** 

**PRODUCTION** AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value per unit	Total Value
Cattle & Calves	2014 2013	38,500 34,300	167,000 152,000	cwt <sup>4</sup>	\$175.98 134.15	\$29,430,000 20,489,000
Sheep & Lambs	2014 2013					234,000 304,000
All Poultry <sup>5</sup>	2014 2013					1,964,000 1,777,000
Misc Livestock <sup>6</sup>	2014 2013					866,000 819,000
TOTAL	2014 2013					\$32,494,000 23,389,000





LIVESTOCK AND **POULTRY PRODUCTS: PRODUCTION** AND VALUE

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2014 2013	15,000 15,300	lb lb	\$1.35 1.45	\$20,000 22,000
Miscellaneous <sup>7</sup>	2014 2013				3,258,000 2,272,000
TOTAL	2014 2013				\$3,278,000 2,294,000

<sup>&</sup>lt;sup>4</sup> cwt = Hundredweight: 100 pounds

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

6 Includes goats, hogs, and pigs, exotic animals, and buffalo.

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

APLARY **PRODUCTS:** 

**PRODUCTION** AND VALUE

Item	Year	Production		Unit	Value
Honey	2014 2013	36,800 42,200	lb lb	\$2.03 2.10	\$75,000 89,000
Miscellaneous Apiary Products <sup>8</sup>	2014 2013				11,000 13,000
TOTAL	2014 2013				\$86,000 102,000





NURSERY STOCK:

**PRODUCTION** AND **VALUE** 

Item	Year	Production Area (acres)	Value
Nursery Stock <sup>9</sup>	2014	8.35	\$59,000
	2013	8.20	61,000







**FOREST PRODUCTS:** 

**PRODUCTION** AND **VALUE** 

Item	Year	MBF	Value
TOTAL <sup>10</sup>	2014	4,716	\$640,000
IOTAL	2013	5,122	633,000



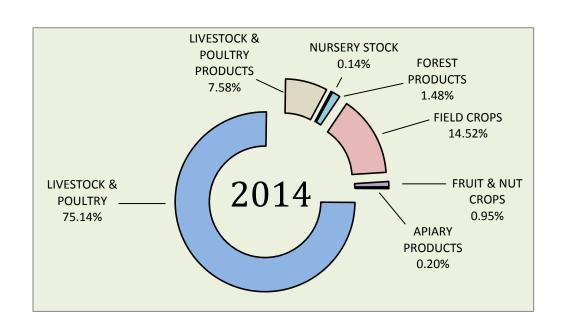
MBF = Thousand Board Feet

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

#### AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	TOTAL VALUE
FIELD CROPS	2014 2013	\$ 6,281,000 \$ 6,358,000
FRUIT & NUT CROPS	2014 2013	\$ 409,000 \$ 468,000
LIVESTOCK & POULTRY	2014 2013	\$ 32,494,000 \$ 23,389,000
LIVESTOCK & POULTRY PRODUCTS	2014 2013	\$ 3,278,000 \$ 2,294,000
APIARY PRODUCTS	2014 2013	\$ 86,000 \$ 102,000
NURSERY STOCK	2014 2013	\$ 59,000 \$ 61,000
TOTAL AGRICULTURAL	2014 2013	\$ 42,607,000 \$ 32,672,000
FOREST PRODUCTS	2014 2013	\$ 640,000 \$ 633,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2014 2013	\$ 43,247,000 \$ 33,305,000



## MARIPOSA COUNTY VALUES OF PRODUCTION

#### 1979 - 2014

<u>YEAR</u>	<u>AGRICULTURAL</u>	AGRICULTURAL/FOREST PRODUCTS
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
2012	33,939,000*	34,316,000*
2013	32,672,000	33,305,000
2014	42,607,000	43,247,000

<sup>\*</sup>Revised

## MARIPOSA COUNTY TOP CROPS - 2014 & 1994

## 2014 1994

1	\$29,430,000 CATTLE & CALVES	1 \$1	4,510,000 CATTLE & CALVES
2	5,792,000 RANGELAND	2	4,209,000 RANGELAND
3	3,258,000 MISC. LIVESTOCK & POULTRY PRODUCTS	3	1,739,000 FOREST PRODUCTS
4	1,964,000 ALL POULTRY	4	878,000 ALL POULTRY
5	866,000 MISC. LIVESTOCK	5	840,000 MISC. LIVESTOCK & POULTRY PRODUCTS
6	640,000 FOREST PRODUCTS	6	351,000 APPLES
7	429,000 MISC. FIELD CROPS	7	226,000 SHEEP & LAMBS
8	343,000 MISC. FRUITS & NUTS	8	203,000 MISC. LIVESTOCK
9	234,000 SHEEP & LAMBS	9	198,000 MISC. FIELD CROPS
1(	75,000 HONEÝ	10	106,000 MISC. FRUITS & NUTS

#### **Annual Sustainable Agriculture Report**

#### **PEST DETECTION:**

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

200 Gypsy moth traps 26 Khapra Beetle traps 80 Glassy-winged Sharpshooter

35 MedFly traps 6 European Pineshoot Moth traps (GWSS) traps

16 Japanese beetle traps 1 Asian Citrus Psyllid trap 6 Light Brown Apple Moth

(LBAM) Traps

**PEST EXCLUSION:** 

Exotic pests, target Incoming plant material 290 shipments pests, GWSS via truck, UPS, mail inspected

#### **PEST ABATEMENT:**

IBERIAN STARTHISTLE - Hand-pulled, mechanically removed, & chemically sprayed

YELLOW STARTHISTLE - 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
ASH WHITEFLY Siphonius phyllyreae	Parasitic wasp Encarsia spp.	County wide
RED GUM LERP PSYLLID Glycaspis brimblecombei	Parasitic Wasp <u>Psyllaephagus bliteus</u>	County wide
YELLOW STARTHISTLE <u>Centaurea solstialis</u>	Seed Head Weevil  Bangasternus orientalis	2 sites
	Hairy Weevil Eustenopus villosus	Various sites
	Peacock fly <u>Chaetorellia australis</u>	4 sites
KLAMATH WEED  Hypericum perforatum	Klamath Weed Beetle <u>Chrysolina</u> spp.	County wide
PUNCTUREVINE <u>Tribulus terrestris</u>	Seed & Stem Weevils <u>Microlarinus</u> spp.	County wide

#### **ORGANIC FARMING STATISTICS:**

One organic grower was registered in 2014. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Market which operates May through mid-October at the 6<sup>th</sup> Street parking lot on Stroming Road and the El Portal Farmers Market which operates from Memorial Day to Labor day at Yosemite View Lodge in El Portal.

#### 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 Private Lands 121,000 acres 31,000 acres

Total Timber Acreage

152,000 acres

Land in Williamson Act

184,813.16 acres (2014)

\$46,758,164

183,832.31 acres (2013)

\$44,628,575

Retail Value of Mariposa Wines

6,957 gal @ \$41.94 = \$291,784 (2014)

6,845 gal @ \$33.47 = \$229,119 (2013)

Total Value of Agricultural Production\*

\$42,607,000 (2014)

Total Value of Forest Products\*

\$640,000 (2014)

Total Value of Agricultural

\$43,247,000 (2014)

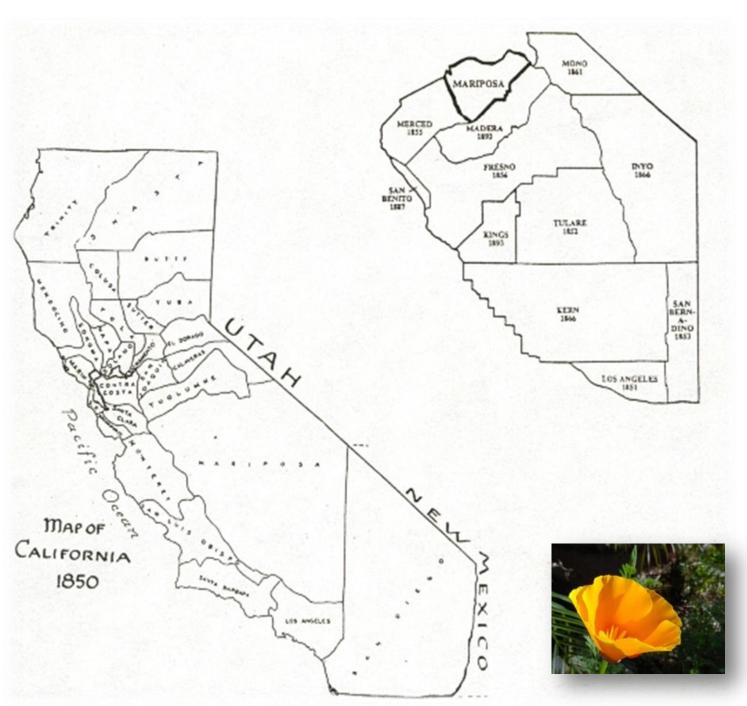
Plus Forest Products\*

\*Source – 2014 Agricultural Crop Report for Mariposa County. Other figures from 2000 California State Statistical Abstract and California Almanac.

2014 Mariposa County Agricultural & Livestock Report as well as previous years crop reports can be viewed online at: http://www.mariposacounty.org/index.aspx?nid=63

#### "MOTHER OF COUNTIES"

MARIPOSA COUNTY was one of the original 27 counties formed in the state of California on February 18, 1850. It was the greatest in size occupying more than a 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. Since then, the whole or parts of Fresno, Inyo, Kern, Kings, Los Angeles, Madera, Merced, Mono, San Benito, San Bernardino, and Tulare Counties have been carved off until only 1,455 square miles remain of the original 30,000 square miles — hence the name "Mother of Counties."



# 2015

# Mariposa County Agricultural Crop and Livestock Report



Maríposa County Department of Agrículture

# MARIPOSA COUNTY DEPARTMENT OF AGRICULTURE & WEIGHTS AND MEASURES

Phone (209) 966-2075 Fax (209) 966-2056 agcomm@mariposacounty.org

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Mariposa County agriculture continued to show the effects of the state-wide drought in 2015, particularly on the livestock industry. Mariposa County's total estimated agricultural production was valued at \$42,419,400, an overall decrease of \$827,600 or approximately 1.9% from last year. The agricultural production value continues to show the economic importance and the <u>real</u> 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. The fact that the gross value of agriculture continues to hold relatively steady, even in drought years, reflects positively on the importance of our agricultural industry to Mariposa County.

Cattle and calves continue to be the county's leading agricultural commodity with a production value of \$28,557,000, a 3% decrease in value from 2014 due to the impacts of the drought which resulted in a decrease in the number of head sold, primarily in the stocker/feeder operations. Rangeland was again second with a production value of \$6,072,000, despite the fallowing of rangeland due to drought conditions. Miscellaneous livestock and poultry products followed with a production value of \$3,285,000.

I must stress that these are gross values only, whether marketed or not, and **do not** in any manner represent or reflect net income or loss experienced by individual producers. Producers do not have control over most input costs nor can they significantly affect market prices. Costs of production, inputs, and marketing continue to influence net returns and profit. This report does not reflect upon individual operations since **the county** is the smallest unit measured for any particular commodity.

Mariposa County's agricultural strength is based on its agricultural heritage and values. The County's true wealth is found in its farmers and ranchers and in our FFA and 4-H youth.

I sincerely appreciate the cooperation and assistance of the many agricultural producers and ranchers, stakeholders, and public agencies that made this report possible, especially those providing data used in the compilation of this report.

Respectfully Submitted,

Cathi Boze

Agricultural Commissioner/Sealer

Cover photo by Andrew & Lauren Glikin of Raw Roots Farm, a CSA (Community Supported Agriculture) located on Owens Creek Road in Catheys Valley, Mariposa County.

FIELD CROPS: **PRODUCTION** AND VALUE

	Year	Harvested Acreage	Production per acre Total		Unit	per unit	Value Total
Pasture,	2015	500	-	-	acre	\$120.00	\$60,000
Irrigated	2014	500	-	-	acre	120.00	60,000
Rangeland <sup>1</sup>	2015	416,600	-	-	acre	14.57	6,072,000
	2014	416,600	-	-	acre	13.90	5,792,000
Misc. Field	2015	725	-	-	-	-	341,000
Crops <sup>2</sup>	2014	702	-	-	-	-	429,000
TOTAL	2015	417,825					\$6,473,000
	2014	417,802					6,281,000



2 15011
AND
NUT
<b>CROPS:</b>
<b>PRODUCTION</b>
AND
VALUE

FRUIT

Item	Year	Acreage		Production	T	Unit	<b>.</b>	Value
		NB	В	Per acre	Total		Per unit	
	1					1		Total
Grapes,	2015	10.30	72.68*		38.29	ton		48,000
Total	2014	11.00	77.08	-	59.31	ton		66,000
Wine								
Red	2015	5.00	66.33			ton		46,000
Wine	2014	6.00	72.83			ton		56,000
-White	2015	5.30	6.35			ton		2,000
Wine	2014	5.00	4.25			ton		10,000
Misc.	2015	30.00	137.85	-	-	-	-	388,000
Fruit &	2014	37.00	131.48	-	-	-	-	343,000
Nut <sup>3</sup>								
TOTAL	2015	40.30	210.53					436,000
	2014	48.00	208.56					409,000

 <sup>&</sup>lt;sup>1</sup> Includes grazing permits on U.S. Forest Service, BLM, and other public lands.
 Average potential grazing value per acre of forage
 <sup>2</sup> Includes sudan, oat, native, and other pasture hay; most of the hay is used on the ranches where it is produced.

<sup>&</sup>lt;sup>3</sup> Includes almonds, apples, citrus, herbs, olives, tree fruit, and miscellaneous vegetables.

<sup>\*</sup>Many of the vineyard acres went unharvested in 2015 and several vineyards were removed. NB = nonbearing, B = bearing

LIVESTOCK AND **POULTRY:** 

**PRODUCTION** AND VALUE

Item	Year	No. of Head	Total Liveweight	Unit	Value per unit	Total Value
Cattle & Calves	2015 2014	28,600 38,500	144,000 167,000	cwt <sup>4</sup>	\$198.85 175.98	\$28,557,000 29,430,000
Sheep & Lambs	2015 2014					261,000 234,000
All Poultry <sup>5</sup>	2015 2014					2,003,000 1,964,000
Misc Livestock <sup>6</sup>	2015 2014					989,000 866,000
TOTAL	2015 2014					\$31,810,000 32,494,000



LIVESTOCK AND **POULTRY PRODUCTS: PRODUCTION** AND VALUE

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2015	17,000	lb	\$1.55	\$26,000
	2014	15,000	lb	1.35	20,000
Miscellaneous <sup>7</sup>	2015				3,285,000
	2014				3,258,000
TOTAL	2015				\$3,311,000
	2014				3,278,000

<sup>&</sup>lt;sup>4</sup> cwt = Hundredweight: 100 pounds

<sup>&</sup>lt;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, alpacas, and buffalo.

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

# APIARY PRODUCTS:

## PRODUCTION AND VALUE

Item	Year	Production		Unit	Value
Honey	2015	29,700	lb	\$2.04	\$61,000
_	2014	36,800	lb	2.03	75,000
Miscellaneous Apiary	2015				9,400
Products <sup>8</sup>	2014				11,000
TOTAL	2015				\$70,400
	2014				86,000







# NURSERY STOCK:

#### PRODUCTION AND VALUE

Item	Year	Production Area (acres)	Value
Nursery Stock <sup>9</sup>	2015	8.10	\$69,000
	2014	8.35	59,000



# FOREST PRODUCTS:

### PRODUCTION AND VALUE

Item	Year	MBF	Value
TOTAL <sup>10</sup>	2015	3,438	\$250,000
	2014	4,716	640,000



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

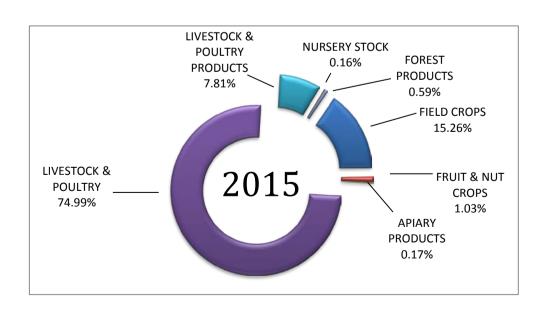
MBF = Thousand Board Feet

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

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

#### AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	TOTAL VALUE
FIELD CROPS	2015 2014	\$ 6,473,000 \$ 6,281,000
FRUIT & NUT CROPS	2015 2014	\$ 436,000 \$ 409,000
LIVESTOCK & POULTRY	2015 2014	\$ 31,810,000 \$ 32,494,000
LIVESTOCK & POULTRY PRODUCTS	2015 2014	\$ 3,311,000 \$ 3,278,000
APIARY PRODUCTS	2015 2014	\$ 70,400 \$ 86,000
NURSERY STOCK	2015 2014	\$ 69,000 \$ 59,000
TOTAL AGRICULTURAL	2015 2014	\$ 42,169,400 \$ 42,607,000
FOREST PRODUCTS	2015 2014	\$ 250,000 \$ 640,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2015 2014	\$ 42,419,400 \$ 43,247,000



## MARIPOSA COUNTY VALUES OF PRODUCTION 1979 – 2015

<u>YEAR</u>	<u>AGRICULTURAL</u>	AGRICULTURAL/FOREST PRODUCTS
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
2012	33,939,000*	34,316,000*
2013	32,672,000	33,305,000
2014	42,607,000	43,247,000
2015	42,169,400	42,419,400

<sup>\*</sup>Revised

# MARIPOSA COUNTY TOP CROPS - 2015 & 1995

				- 2	
1	\$28,557,000	CATTLE & CALVES	1	\$7,100,000	CATTLE & CALVES
2	6,072,000	RANGELAND	2	4,640,000	RANGELAND
3	3,285,000	MISC. LIVESTOCK & POULTRY PRODUCTS	3	1,895,000	MISC. LIVESTOCK & POULTRY PRODUCTS
4	2,003,000	ALL POULTRY	4.	1,852,000	FOREST PRODUCTS
5	989,000	MISC. LIVESTOCK	5	1,080,000	ALL POULTRY
6	388,000	MISC. FRUITS & NUTS	6	456,000	MISC. FRUITS & NUTS
7	341,000	MISC. FIELD CROPS	7	255,000	SHEEP & LAMBS
8	261,000	SHEEP & LAMBS	8	189,000	MISC. LIVESTOCK
9	250,000	FOREST PRODUCTS	9	181,000	MISC. FIELD CROPS
10	69,000	NURSERY STOCK	10	115,000	HONEY

#### **Annual Sustainable Agriculture Report**

#### **PEST DETECTION:**

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

200 Gypsy moth traps 26 Khapra Beetle traps 80 Glassy-winged Sharpshooter

35 MedFly traps 6 European Pineshoot Moth traps (GWSS) traps

16 Japanese beetle traps 1 Asian Citrus Psyllid trap 6 Light Brown Apple Moth

(LBAM) Traps

**PEST EXCLUSION:** 

Exotic pests, target Incoming plant material 52 shipments pests, GWSS via truck, UPS, mail inspected

#### **PEST ABATEMENT:**

YELLOW STARTHISTLE - 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:**

AGENT/MECHANISM	SCOPE OF PROGRAM
Parasitic wasp Encarsia spp.	County wide
Parasitic Wasp <u>Psyllaephagus bliteus</u>	County wide
Seed Head Weevil <u>Bangasternus orientalis</u>	2 sites
Hairy Weevil Eustenopus villosus	Various sites
Peacock fly <u>Chaetorellia australis</u>	4 sites
Klamath Weed Beetle <u>Chrysolina</u> spp.	County wide
Seed & Stem Weevils <u>Microlarinus</u> spp.	County wide
	Parasitic wasp <u>Encarsia</u> spp.  Parasitic Wasp <u>Psyllaephagus bliteus</u> Seed Head Weevil <u>Bangasternus orientalis</u> Hairy Weevil <u>Eustenopus villosus</u> Peacock fly <u>Chaetorellia australis</u> Klamath Weed Beetle <u>Chrysolina</u> spp.  Seed & Stem Weevils

#### **ORGANIC FARMING STATISTICS:**

One organic grower was registered in 2015. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Market which operates May through mid-October at the 6<sup>th</sup> Street parking lot on Stroming Road, the Lions Woodland Farmers Market which operates year round from Thursday thru Saturday, and the El Portal Farmers Market which operates from May to September at Yosemite View Lodge in El Portal.

#### 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 185,954.57 acres (2015) \$50,672,295

184,813.16 acres (2014) \$46,758,164

Retail Value of Mariposa Wines 2,187 gal @ \$27.88 = \$60,971 (2015)

6,957 gal @ \$41.94 = \$291,784 (2014)

Total Value of Agricultural Production\* \$42,169,400 (2015)

Total Value of Forest Products\* \$250,000 (2015)

Total Value of Agricultural \$42,419,400 (2015)

Plus Forest Products\*

\*Source – 2015 Agricultural Crop Report for Mariposa County. Other figures from 2000 California State Statistical Abstract and California Almanac.

2015 Mariposa County Agricultural & Livestock Report as well as previous years crop reports can be viewed online at: <a href="http://www.mariposacounty.org/index.aspx?nid=835">http://www.mariposacounty.org/index.aspx?nid=835</a>