

2016

Agricultural Crop &
Livestock Report



Mariposa County
Department of Agriculture

**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

Rosemarie Smallcombe	District 1
Merlin Jones	District 2
Marshall Long	District 3
Kevin Cann	District 4
John Carrier	District 5

Mary Hodson, County Administrative Officer

It is my pleasure to submit the 2016 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 2015, particularly on the livestock industry. Mariposa County's total estimated agricultural production was valued at \$33,445,024. The agricultural production value 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 agricultural commodity with a production value of \$28,557,000, a decrease in value from 2015. Rangeland was again second with a production value of \$ 7,057,204. Miscellaneous livestock and poultry products followed with a production value of \$2,898,525.

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.

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

Sincerely,
Mariposa Agricultural Commissioner Staff

FIELD CROPS:

PRODUCTION AND VALUE

	Year	Harvested Acreage	Production per acre Total		Unit per unit	Value Total	
Pasture, Irrigated	2016	500	-	-	acre	\$120.00	\$60,000
	2015	500	-	-	acre	\$120.00	\$60,000
Rangeland ¹	2016	416,600	-	-	acre	16.94	\$7,057,204
	2015	416,600	-	-	acre	14.57	\$6,072,000
Misc. Field Crops ²	2016		-	-	-	-	\$244,611
	2015	725	-	-	-	-	\$341,000
TOTAL	2016						\$7,361,815
	2015	417,825					\$6,473,000

FRUIT AND NUT CROPS:

PRODUCTION AND VALUE

Item	Year	Acreage NB	B	Production Per acre	Total	Unit	Per unit	Value Total
Grapes, Total Wine	2016		78.71		129.79	ton		\$47,510
	2015	10.30	72.68*	-	38.29	ton		\$48,000
--Red Wine	2016		69.61		111.38	ton	--	\$41,582
	2015	5.00	66.33		--	ton	--	\$46,000
-White Wine	2016		9.1		18.41	ton	--	\$5,928
	2015		6.35		--	ton	--	\$2,000
Misc. Fruit & Nut ³	2016		261.0	-	-	-	-	\$277,423
	2015	30.00	137.85	-	-	-	-	\$388,000
TOTAL	2016							\$324,933
	2015	50.60	261.00					\$436,000

¹ Includes grazing permits on U.S. Forest Service, BLM, and other public lands.
Average potential grazing value per acre of forage

² Includes sudan, oat, native, and other pasture hay; most of the hay is used on the ranches where it is produced.

³ Includes almonds, apples, citrus, herbs, olives, tree fruit, and miscellaneous vegetables.

*Many of the vineyard acres went unharvested in 2015 and several vineyards were removed.

NB = nonbearing, B = bearing

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	2016	39,423	107,940	cwt ⁴	\$198.85	\$21,463,858
	2015	28,600	144,000	cwt	\$209.51	\$28,557,000
Sheep & Lambs	2016					\$232,206
	2015					\$261,000
All Poultry ⁵	2016					\$263,000
	2015					\$2,003,000
Misc Livestock ⁶	2016					\$84,500
	2015					\$989,000
TOTAL	2016					\$22,043,564
	2015					\$31,810,000

**LIVESTOCK
AND
POULTRY
PRODUCTS:**

**PRODUCTION
AND
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2016	14,000	lb	\$1.50	\$21,000
	2015	17,000	lb	\$1.55	\$26,000
Miscellaneous ⁷	2016				\$2,877,525
	2015				\$3,285,000
TOTAL	2016				\$2,898,525
	2015				\$3,311,000

⁴ cwt = Hundredweight: 100 pounds

⁵ Includes turkey breeder hens, free range turkeys and chickens.

⁶ Includes goats, hogs, and alpacas

⁷ Includes chicken eggs, turkey hatching eggs, exotic wools, and mohair.

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

**APIARY
PRODUCTS:

PRODUCTION
AND
VALUE**

Item	Year	Production	Unit		Value
Honey	2016	16,307	lb	\$2.80	\$45,660
	2015	29,700	lb	\$2.04	\$61,000
Miscellaneous Apiary Products ⁸	2016				\$13,561
	2015				\$9,400
TOTAL	2016				\$59,221
	2015				\$70,400

**NURSERY
STOCK:

PRODUCTION
AND
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock ⁹	2016		\$54,700
	2015		\$59,000

**FOREST
PRODUCTS:

PRODUCTION
AND
VALUE**

Item	Year	MBF	Value
TOTAL ¹⁰	2016	16,051	\$702,266
	2015	3,438	\$250,000

⁸ Includes hives, beeswax, pollen, and rental sites on both public and private lands.

⁹ Includes ornamental and native plants, conifers, and cut flowers.

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

MBF = Thousand 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	2016	\$ 7,361,815
	2015	\$ 6,473,000
FRUIT & NUT CROPS	2016	\$ 324,933
	2015	\$ 372,442
LIVESTOCK & POULTRY	2016	\$ 22,043,564
	2015	\$ 31,810,000
LIVESTOCK & POULTRY PRODUCTS	2016	\$ 2,898,525
	2015	\$ 3,311,000
APIARY PRODUCTS	2016	\$ 59,221
	2015	\$ 70,400
NURSERY STOCK	2016	\$ 54,700
	2015	\$ 59,000
TOTAL AGRICULTURAL	2016	\$ 32,742,758
	2015	\$ 42,159,400
FOREST PRODUCTS	2016	\$ 702,266
	2015	\$ 250,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2016	\$ 33,445,024
	2015	\$ 42,409,400

MARIPOSA COUNTY VALUES OF PRODUCTION
1980 – 2016

<u>YEAR</u>	<u>AGRICULTURAL</u>	<u>AGRICULTURAL/FOREST PRODUCTS</u>
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
2016	32,742,758	33,445,024

*Revised

MARIPOSA COUNTY TOP CROPS - 2016 & 1996

	2016		1996
1	\$21,463,858	CATTLE & CALVES	1 \$7,827,000 CATTLE & CALVES
2	\$7,057,204	RANGELAND	2 \$4,701,000 RANGELAND
3	\$2,877,525	MISC. LIVESTOCK & POULTRY PRODUCTS	3 \$1,915,000 MISC. LIVESTOCK & POULTRY PRODUCTS
4	\$263,000	ALL POULTRY	4 \$1,328,000 FOREST PRODUCTS
5	\$702,266	FOREST PRODUCTS	5 \$1,084,000 ALL POULTRY
6	\$244,611	MISC. FIELD CROPS	6 \$469,000 MISC. FRUITS & NUTS
7	\$277,423	MISC. FRUIT & NUT	7 \$264,000 SHEEP & LAMBS
8	\$232,206	SHEEP & LAMBS	8 \$227,000 APPLES
9	\$84,500	MISC. LIVESTOCK	9 \$197,000 MISC. FIELD CROPS
10	\$60,000	PASTURLAND	10 \$191,000 MISC. LIVESTOCK

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 (GWSS) traps
35 MedFly traps	6 European Pineshoot Moth traps	6 Light Brown Apple Moth (LBAM) Traps
16 Japanese beetle traps	1 Asian Citrus Psyllid trap	

PEST EXCLUSION:

Exotic pests, target pests, GWSS	Incoming plant material via truck, UPS, mail
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PEST ABATEMENT:

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
ASH WHITEFLY <i>Siphonius phyllireae</i>	Parasitic wasp <i>Encarsia</i> spp.	County wide
RED GUM LERP PSYLLID <i>Glycaspis brimblecombei</i>	Parasitic Wasp <i>Psyllaephagus bliteus</i>	County wide
YELLOW STARHISTLE <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
KLAMATH WEED <i>Hypericum perforatum</i>	Klamath Weed Beetle <i>Chrysolina</i> spp.	County wide
PUNCTUREVINE <i>Tribulus terrestris</i>	Seed & Stem Weevils <i>Microlarinus</i> spp.	County wide

ORGANIC FARMING STATISTICS:

One organic grower was registered in 2016. 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 6th 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.