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California Department of Food and Agriculture

Agricultural Commissioners' Crop Reports

Mariposa County

2007-2011

-2007-

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

Brad Aborn, Chair	District I
Lyle Turpin,	District II
Janet Bibby	District III
Dianne Fritz	District IV
Bob Pickard	District V

Ladies and Gentlemen:

It is my pleasure to submit the 2007 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.

- **The total estimated value is \$29,218,000, an overall increase of approximately 1.3% from last year.**
- **Agricultural production alone showed a 2.1% increase in value – due to an increase in livestock & poultry production.**
- **Forest products showed a decrease over last year of 17.7%.**
- **Wine grapes increased 13% in production value, primarily due to higher prices and yields. Many vineyards again went unharvested in 2007. Both the retail value and number of gallons of wine produced again increased over 2006.**
- **Livestock production values increased more than 4% due to higher numbers marketed and higher prices for cattle and calves.**

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 and agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,

**Cathi Boze
Agricultural Commissioner/Sealer
Photo by Charles Phillips**

**FIELD CROPS:

PRODUCTION
AND
VALUE**

	Year	Harvested Acreage		Production per acre		Unit	Value	
					Total		per unit	Total
Pasture, Irrigated	2007	710		-	-	acre	\$120.00	\$85,200
	2006	710		-	-	acre	120.00	85,200
Rangeland ¹	2007	447,800		-	-	acre	15.19	6,219,000
	2006	448,800		-	-	acre	15.39	6,325,000
Misc. Field Crops ²	2007	365		-	-	-	-	119,000
	2006	695		-	-	-	-	164,000
TOTAL	2007	448,875						\$6,422,200
	2006	450,205						6,574,200

**FRUIT
AND
NUT
CROPS:

PRODUCTION
AND
VALUE**

Item	Year	Acreage		Production		Unit	Value	
		NB	B	per acre	Total		per unit	Total
Grapes, Total Wine	2007	12.25	97.1*	-	116.22	ton		140,000
	2006	10.7	100.05*	-	102.19	ton		123,700
--Red Wine	2007	9.75	91.3*		--	ton	--	140,000
	2006	8.00	91.75*		--	ton	--	122,000
-White Wine	2007	2.5	5.8*		--	ton	--	0
	2006	2.7	8.3*		--	ton	--	1,700
Misc. Fruit & Nuts ³	2007	256.96†	108.35†	-	-	-	-	256,000†
	2006	256.96†	166.45†	-	-	-	-	296,000†
TOTAL	2007	269.21	205.45					\$396,000
	2006	267.66	266.50					\$419,700

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

² Includes sudan, oat, and other pasture hay.

³ Includes almonds, berries, citrus, filberts, herbs, olives, pears, tomatoes, miscellaneous vegetables, and English walnuts.

* Many of the vineyard acres went unharvested in 2007.

† Revised to include apples.

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	2007	39,600	185,000	cwt	\$95.70	\$17,730,000
	2006	37,800	194,000	cwt	87.64	17,025,000
Sheep & Lambs	2007	1,480	1,690	cwt	76.53	180,000
	2006	1,490	1,690	cwt	71.93	172,000
All Poultry ⁵	2007					1,571,000
	2006					1,502,000
Misc Livestock ⁶	2007					232,000
	2006					230,000
TOTAL	2007					\$19,713,000
	2006					18,929,000



**LIVESTOCK
AND
POULTRY
PRODUCTS
PRODUCTION
AND
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2007	12,900	lb	\$0.85	\$11,000
	2006	13,700	lb	0.72	9,870
Miscellaneous ⁴	2007				1,551,000
	2006				1,514,000
TOTAL	2007				\$1,562,000
	2006				1,523,870

⁴ Includes chicken, duck and geese eggs, turkey hatching eggs, ostrich eggs, goat's milk, exotic wools and mohair.
NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

⁵ Includes turkey breeder hens, free range turkeys and chickens, pullets, ducks and geese, old hens, exotic poultry, ostriches, and rabbits.

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

**APIARY
PRODUCTS:**

**PRODUCTION
AND
VALUE**

Item	Year	Production	Unit		Value
Honey	2007	65,000	lb	\$1.04	\$67,700
	2006	94,700	lb	0.98	92,800
Miscellaneous Apiary Products ⁷	2007				14,600
	2006				38,500
TOTAL	2007				\$82,300
	2006				131,000

**NURSERY
STOCK:**

**PRODUCTION
AND
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock ⁸	2007	7.20	\$70,500
	2006	7.30	81,600

**FOREST
PRODUCTS:**

**PRODUCTION
AND
VALUE**

Item	Year	MBF	Value
TOTAL ⁹	2007	9,000	\$972,000
	2006	6,500	1,181,000

⁷ Includes hives, beeswax, pollen, and rental sites on both public and private lands.

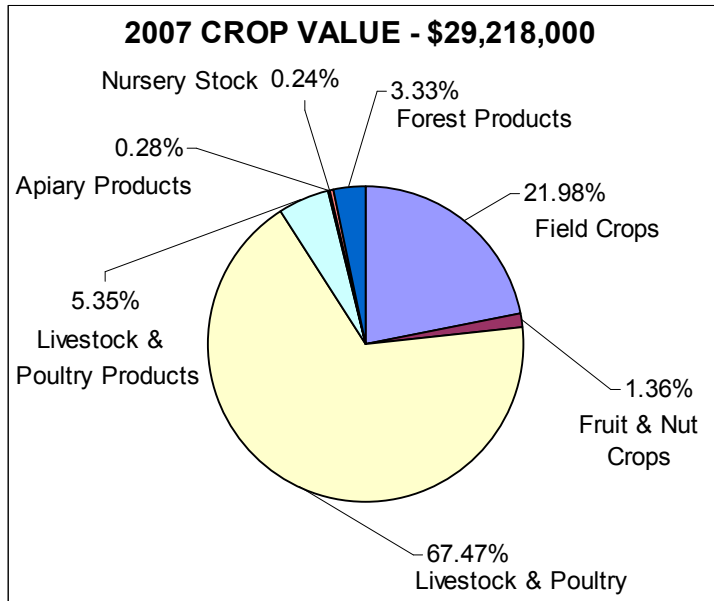
⁸ Includes ornamental and native plants, conifers, herbs, roses, cut flowers, berries, vegetables, and iris.

⁹ Includes timber sales, green sales, posts and poles, cordwood, and salvage for public (USFS, NFS, and BLM) and private lands.

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
FIELD CROPS	2007	\$6,422,200
	2006	\$6,574,200
FRUIT & NUT CROPS	2007	\$396,000
	2006	\$419,700
LIVESTOCK & POULTRY	2007	\$19,713,000
	2006	\$18,929,000
LIVESTOCK & POULTRY PRODUCTS	2007	\$1,562,000
	2006	\$1,523,870
APIARY PRODUCTS	2007	\$82,300
	2006	\$131,300
NURSERY STOCK	2007	\$70,500
	2006	\$81,600
TOTAL AGRICULTURAL	2007	\$28,246,000
	2006	\$27,659,670
FOREST PRODUCTS	2007	\$972,000
	2006	\$1,181,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2007	\$29,218,000
	2006	\$28,840,670



MARIPOSA COUNTY VALUES OF PRODUCTION

1978 – 2007

<u>YEAR</u>	<u>AGRICULTURAL</u>	<u>AGRICULTURAL/FOREST PRODUCTS</u>
1978	\$16,398,200	\$17,970,500
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

*Revised

MARIPOSA COUNTY TOP CROPS - 2007 & 1987

2007

1987

1 \$17,730,000 CATTLE & CALVES

1 \$9,150,000 CATTLE & CALVES

2 6,219,000 RANGELAND

2 3,786,000 RANGELAND

3 1,571,000 ALL POULTRY

3 3,423,000 ALL POULTRY

4 1,551,000 MISC. LIVESTOCK &
POULTRY PRODUCTS

4 2,396,700 FOREST PRODUCTS

5 972,000 FOREST PRODUCTS

5 262,000 MISC. LIVESTOCK &
POULTRY PRODUCTS

6 256,000 MISC. FRUITS & NUTS

6 196,000 MISC. LIVESTOCK

7 232,000 MISC. LIVESTOCK

7 141,000 MISC. FIELD CROPS

8 180,000 SHEEP & LAMBS

8 130,000 APPLES

9 140,000 WINE GRAPES, ALL

9 125,000 MISC APIARY
PRODUCTS

10 119,000 MISC. FIELD CROPS

10 98,600 NURSERY STOCK

Annual Sustainable Agriculture Report

BIOCONTROL:

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
ASH WHITEFLY <i>Siphonius phylllyrae</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
	Rust fungus <i>Puccinia jaceae</i>	2 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

PEST EXCLUSION:

Exotic pests, target pests, GWSS	Incoming plant material via truck, UPS, mail	95 shipments inspected
----------------------------------	--	------------------------

PEST DETECTION:

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

215 Gypsy moth traps	24 Khapra Beetle traps	100 Glassy-winged Sharpshooter (GWSS) traps
60 MedFly traps	6 European Pineshoot Moth traps	80 Light Brown Apple Moth (LBAM) Traps
16 Japanese Beetle traps	6 Olive Fruit Fly traps	

PEST ABATEMENT:

IBERIAN STARHISTLE – Hand-pulled, mechanically removed, biocontrol & chemically sprayed
 YELLOW STARHISTLE – Hand-pulled, biocontrol, mechanically removed & chemically sprayed
 TOCALOTE – Chemically sprayed
 HYDRILLA- Under eradication
 DIFFUSE KNAPWEED – Hand-pulled & chemically sprayed
 ARUNDO DONAX – Chemically sprayed & mechanically removed

ORGANIC FARMING STATISTICS:

No organic growers were registered in 2007. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Markets which operate June through mid-October at the Mariposa County Park and Darrah School.

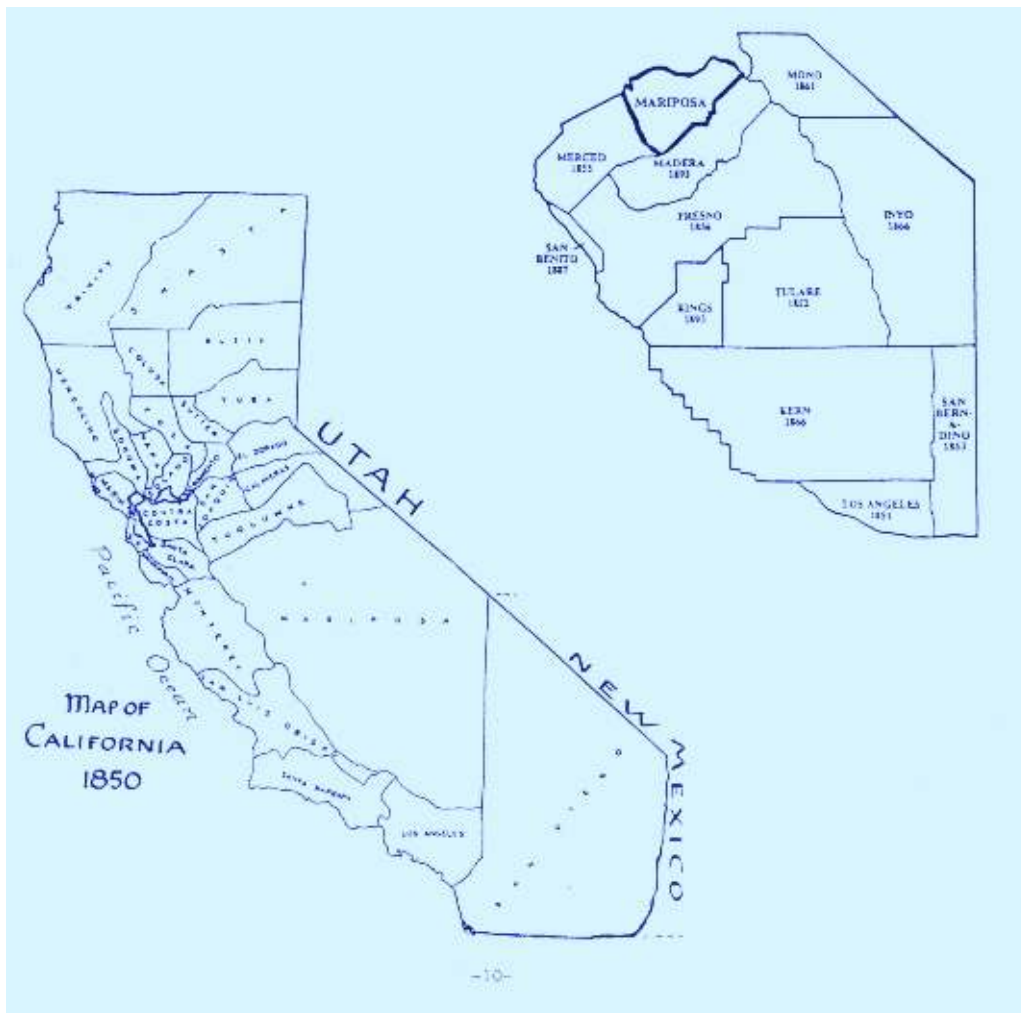
AGRICULTURAL FACTS FOR MARIPOSA COUNTY

Mean Minimum – Maximum Temperatures	28° F. - 96° F.		
Avg. Seasonal Rainfall	20 – 40 inches (depending on elevation)		
Land Area	928.780 acres	1,451.2 sq. miles	
Water Area	7.470 acres	11.7 sq. miles	
Total Area	936.250 acres	1,462.9 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	\$30,833,424	205,496	acres (2007)
	\$34,625,912	204,653	acres (2006)
Retail Value of Mariposa Wines	16,750 gal @ \$49.83 = \$834,631 (2007)		
	14,411 gal @ \$57.44 = \$827,760 (2006)		
Total Value of Agricultural Production*	\$28,246,000 (2007)		
Total Value of Forest Products*	\$972,000 (2007)		
Total Value of Agricultural Plus Forest Products*	\$29,218,000 (2007)		

*Source – 2007 Agricultural Crop Report for Mariposa County.
Other figures from 2000 California State Statistical Abstract and California Almanac.

“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 boundries 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.**”



**MARIPOSA COUNTY DEPARTMENT OF AGRICULTURE
& WEIGHTS AND MEASURES**

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

Brad Aborn, Chair	District I
Lyle Turpin	District II
Janet Bibby	District III
Kevin Cann	District IV
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Richard J. Benson, Chief Administrative Officer

It is my pleasure to submit the 2008 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.

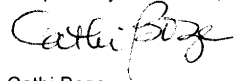
2008 was a difficult year for agriculture. Because of the continuing drought, livestock producers had to continue to decrease their herd sizes due to the reduced amount of feed and water available for grazing. Despite the decreased value for 2008, Mariposa County's total estimated value of \$25,483,400, an overall decrease of approximately 12.8% from last year, continues to show the economic importance and the real impact that agricultural production has on the local economy. The contribution of agriculture to the economy of Mariposa County is not totally reflected in the values contained in this report. Goods, services, and employment related to agriculture 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 \$13,250,000. Rangeland was second with a value of \$6,035,000. Miscellaneous livestock and poultry products followed with a value of \$2,617,000.

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 and agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,



Cathi Boze
Agricultural Commissioner/Sealer

FIELD CROPS:**PRODUCTION
AND
VALUE**

	Year	Harvested Acreage		Production per acre		Unit	Value	
					Total		per unit	Total
Pasture, Irrigated	2008	630	-	-	-	acre	\$120.00	\$75,800
	2007	710	-	-	-	acre	120.00	85,200
Rangeland ¹	2008	439,000	-	-	-	acre	15.02	6,035,000
	2007	447,800	-	-	-	acre	15.19	6,219,000
Misc. Field Crops ²	2008	635	-	-	-	-	-	176,000
	2007	365	-	-	-	-	-	119,000
TOTAL	2008	440,265						\$6,286,800
	2007	448,875						6,422,200

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

Item	Year	Acreage		Production		Unit	Value	
		NB	B	per acre	Total		per unit	Total
Grapes, Total Wine	2008	20.5	100.1*	-	147.81	ton		174,000
	2007	12.25	97.1*	-	116.22	ton		140,000
--Red Wine	2008	18.0	94.3*	--	--	ton	--	174,000
	2007	9.75	91.3*	--	--	ton	--	140,000
-White Wine	2008	2.5	5.8 *	--	--	ton	--	0
	2007	2.5	5.8*	--	--	ton	--	0
Misc. Fruit & Nuts ³	2008	256.96†	108.25†	-	-	-	-	223,000†
	2007	256.96†	108.35†	-	-	-	-	256,000†
TOTAL	2008	277.46	208.35					\$397,000
	2007	269.21	205.45					\$396,000

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

² Includes sudan, oat, alfalfa, and other pasture hay.

³ Includes almonds, berries, citrus, herbs, olives, pears, miscellaneous vegetables, and English walnuts.

* Many of the vineyard acres went unharvested in 2008.

† Revised to include apples.

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	2008	33,500	142,000	cwt	\$91.49	\$13,250,000
	2007	39,600	185,000	cwt	95.70	17,730,000
Sheep & Lambs	2008	1,475	1,690	cwt	75.93	179,000
	2007	1,480	1,690	cwt	76.53	180,000
All Poultry ⁴	2008					1,653,000
	2007					1,571,000
Misc Livestock ⁵	2008					340,000
	2007					232,000
TOTAL	2008					\$15,422,000
	2007					19,713,000



**LIVESTOCK
AND
POULTRY
PRODUCTS
PRODUCTION
AND
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2008	13,500	lb	\$1.10	\$14,900
	2007	12,900	lb	0.85	11,000
Miscellaneous ⁶	2008				\$2,617,000
	2007				1,551,000
TOTAL	2008				\$2,631,900
	2007				1,562,000

⁴ Includes turkey breeder hens, free range turkeys and chickens, pullets, ducks and geese, old hens, exotic poultry, gamebirds, ostriches, and rabbits.

⁵ Includes goats, hogs, and pigs, exotic animals and buffalo.

⁶ Includes chicken, duck and geese eggs, turkey hatching eggs, ostrich 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	2008	63,200	lb	\$1.41	\$89,200
	2007	65,000	lb	1.04	67,700
Miscellaneous Apiary Products ⁷	2008				\$12,400
	2007				14,600
TOTAL	2008				\$101,600
	2007				82,300



**NURSERY
STOCK:
PRODUCTION
AND
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock ⁸	2008	7.30	\$80,100
	2007	7.20	70,500



**FOREST
PRODUCTS:
PRODUCTION
AND
VALUE**

Item	Year	MBF	Value
TOTAL ⁹	2008	2,700	\$564,000
	2007	9,000	972,000

⁷ Includes hives, beeswax, pollen, and rental sites on both public and private lands.

⁸ Includes ornamental and native plants, conifers, herbs, roses, cut flowers, berries, vegetables, and iris.

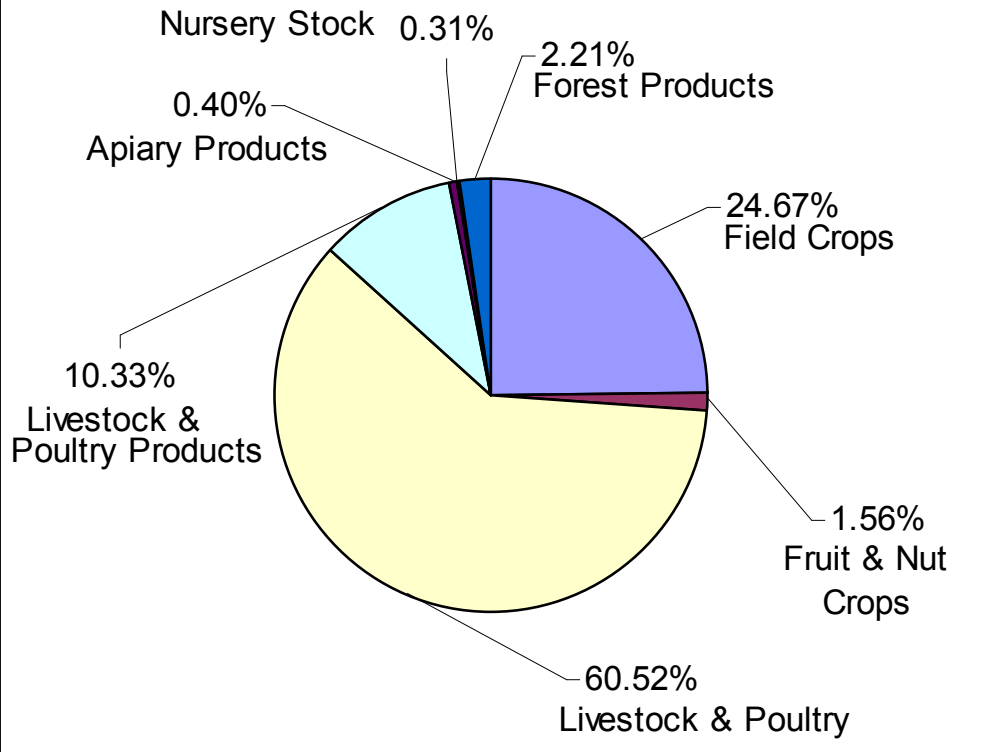
⁹ Includes timber sales, green sales, posts and poles, cordwood, and salvage for public (USFS, NFS, and BLM) and private lands.

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
FIELD CROPS	2008	\$6,286,800
	2007	\$6,422,200
FRUIT & NUT CROPS	2008	\$397,000
	2007	\$396,000
LIVESTOCK & POULTRY	2008	\$15,422,000
	2007	\$19,713,000
LIVESTOCK & POULTRY PRODUCTS	2008	\$2,631,900
	2007	\$1,562,000
APIARY PRODUCTS	2008	\$101,600
	2007	\$82,300
NURSERY STOCK	2008	\$80,100
	2007	\$70,500
TOTAL AGRICULTURAL	2008	\$24,919,400
	2007	\$28,246,000
FOREST PRODUCTS	2008	\$564,000
	2007	\$972,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2008	\$25,483,400
	2007	\$29,218,000

2008 CROP VALUE - \$25,483,400



MARIPOSA COUNTY VALUES OF PRODUCTION

1978 – 2008

<u>YEAR</u>	<u>AGRICULTURAL</u>	<u>AGRICULTURAL/FOREST PRODUCTS</u>
1978	\$16,398,200	\$17,970,500
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

*Revised

MARIPOSA COUNTY TOP CROPS - 2008 & 1988

2008

1988

1	\$13,250,000 CATTLE & CALVES	1	\$11,455,000 CATTLE & CALVES
2	6,035,000 RANGELAND	2	3,779,000 RANGELAND
3	2,617,000 MISC. LIVESTOCK & POULTRY PRODUCTS	3	3,414,000 ALL POULTRY
4	1,653,000 ALL POULTRY	4	2,547,000 FOREST PRODUCTS
5	564,000 FOREST PRODUCTS	5	341,000 APPLES
6	340,000 MISC. LIVESTOCK	6	262,000 MISC. LIVESTOCK & POULTRY PRODUCTS
7	223,000 MISC. FRUITS & NUTS	7	218,000 MISC. FIELD CROPS
8	179,000 SHEEP & LAMBS	8	175,000 MISC. LIVESTOCK
9	176,000 MISC. FIELD CROPS	9	125,000 MISC APIARY PRODUCTS
10	174,000 WINE GRAPES, ALL	10	94,500 NURSERY STOCK

Annual Sustainable Agriculture Report

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
	Rust fungus <i>Puccinia jaceae</i>	2 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

PEST EXCLUSION:

Exotic pests, target pests, GWSS	Incoming plant material via truck, UPS, mail	45 shipments inspected
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PEST DETECTION:

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

204 Gypsy moth traps	26 Khapra Beetle traps	73 Glassy-winged Sharpshooter (GWSS) traps
37 MedFly traps	6 European Pineshoot Moth traps	68 Light Brown Apple Moth (LBAM) Traps
16 Japanese Beetle traps		

PEST ABATEMENT:

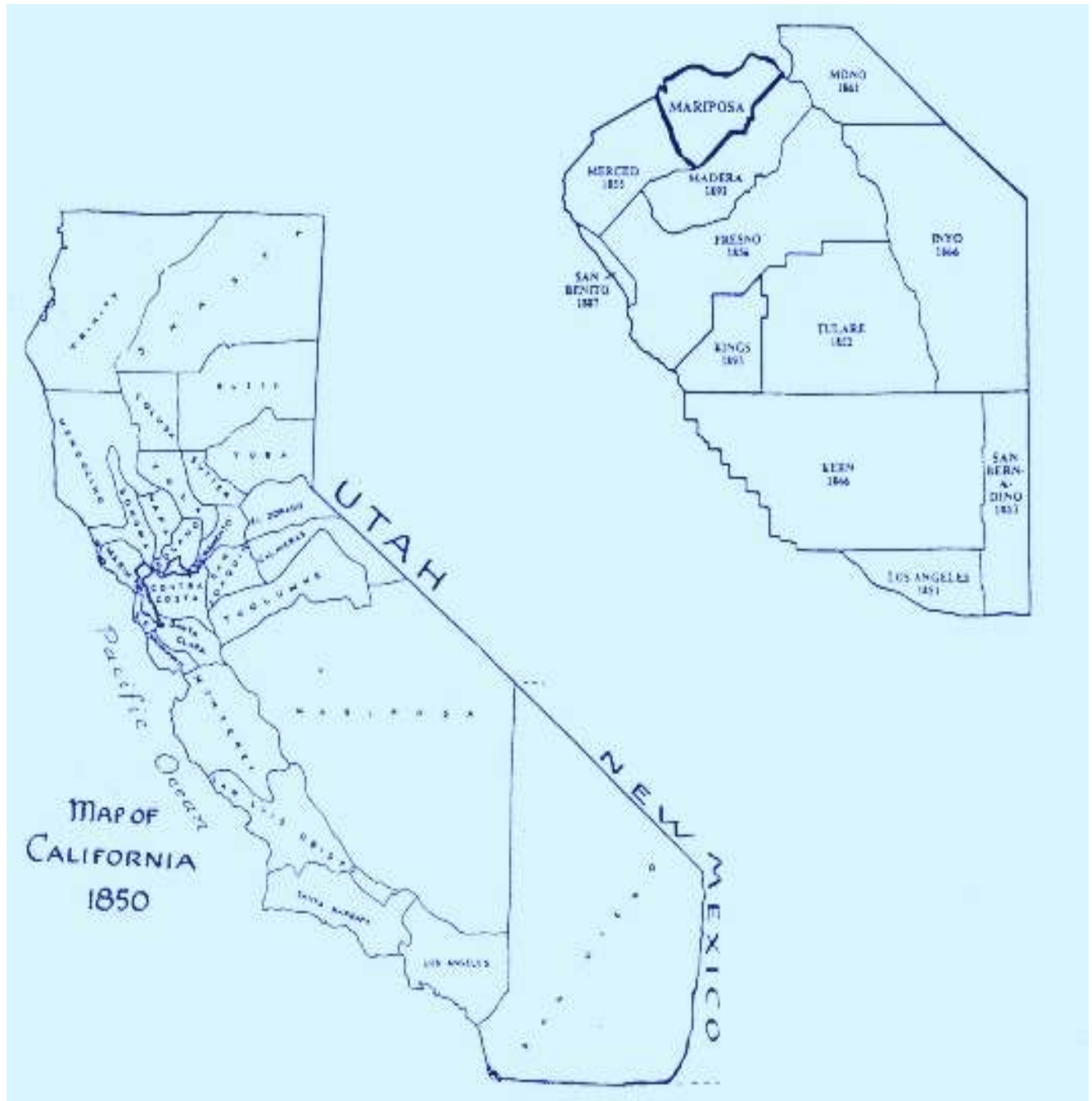
IBERIAN STARHISTLE – Hand-pulled, mechanically removed, biocontrol & chemically sprayed
 YELLOW STARHISTLE – Hand-pulled, biocontrol, mechanically removed & chemically sprayed
 TOCALOTE – Chemically sprayed
 HYDRILLA- Under eradication
 SPOTTED & DIFFUSE KNAPWEED – Hand-pulled & chemically sprayed
 ARUNDO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

ORGANIC FARMING STATISTICS:

No organic growers were registered in 2008. 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 6th Street parking lot on Stroming Road.

“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.”**



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

Brad Aborn	District I
Lyle Turpin	District II
Janet Bibby	District III
Kevin Cann, Chair	District IV
Jim Allen	District V

Richard J. Benson, Chief Administrative Officer

It is my pleasure to submit the 2009 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.

2009 was again a difficult year for agriculture. Because of the continuing drought, livestock producers continued to decrease their herd sizes due to the reduced amount of feed and water available for grazing. Despite the adverse conditions experienced in 2009, Mariposa County's total estimated value of \$25,940,900, an overall increase of approximately 1.8% from last year, continues to show the economic importance and the real impact that agricultural production has on the local economy. The contribution of agriculture to the economy of Mariposa County is not totally reflected in the values contained in this report. Goods, services, and employment related to agriculture 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 \$13,883,000. Rangeland was second with a value of \$5,865,000. Miscellaneous livestock and poultry products followed with a value of \$2,648,000.

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 and agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,

Cathi Boze
Agricultural Commissioner/Sealer

**FIELD CROPS:

PRODUCTION
AND
VALUE**

	Year	Harvested		Production		Unit	Value	
		Acreage		per acre	Total		per unit	Total
Pasture, Irrigated	2009	630		-	-	acre	\$120.00	\$75,600
	2008	630		-	-	acre	120.00	75,600
Rangeland ¹	2009	439,000		-	-	acre	16.22	5,865,000
	2008	439,000		-	-	acre	15.02	6,035,000
Misc. Field Crops ²	2009	794		-	-	-	-	182,000
	2008	635		-	-	-	-	176,000
TOTAL	2009	440,424						\$6,122,600
	2008	440,265						6,286,800



**FRUIT
AND
NUT
CROPS:

PRODUCTION
AND
VALUE**

Item	Year	Acreage		Production		Unit	Value	
		NB	B	per acre	Total		per unit	Total
Grapes, Total Wine	2009	18.25	90.33*	-	99.56	ton		105,000
	2008	20.5	100.1*	-	147.81	ton		174,000
--Red Wine	2009	16.25	88.03*		--	ton	--	105,000
	2008	18.00	94.3*		--	ton	--	174,000
-White Wine	2009	2.0	2.3 *		--	ton	--	0
	2008	2.5	5.8*		--	ton	--	0
Misc. Fruit & Nuts ³	2009	255.96	109.25	-	-	-	-	226,000
	2008	256.96	108.25	-	-	-	-	223,000
TOTAL	2009	274.21	199.58					\$331,000
	2008	277.46	208.35					\$397,000

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

² Includes sudan, oat, and other pasture hay.

³ Includes almonds, berries, citrus, filberts, herbs, olives, pears, tomatoes, miscellaneous vegetables, and apples.

* Many of the vineyard acres went unharvested in 2009.

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	2009	36,000	157,000	cwt	\$88.31	\$13,883,000
	2008	33,500	142,000	cwt	91.49	13,250,000
Sheep & Lambs	2009	1,475	1,690	cwt	75.48	178,000
	2008	1,475	1,690	cwt	75.93	179,000
All Poultry ⁴	2009					1,639,000
	2008					1,653,000
Misc Livestock ⁵	2009					342,000
	2008					340,000
TOTAL	2009					\$16,042,000
	2008					15,422,000



**LIVESTOCK
AND
POULTRY
PRODUCTS
PRODUCTION
AND
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2009	11,800	lb	\$0.85	\$10,000
	2008	13,500	lb	1.10	14,900
Miscellaneous ⁶	2009				2,648,000
	2008				2,617,000
TOTAL	2009				\$2,658,000
	2008				2,631,900

⁴ Includes turkey breeder hens, free range turkeys and chickens, pullets, ducks and geese, old hens, exotic poultry, ostriches, and rabbits.

⁵ Includes goats, hogs, and pigs, exotic animals and buffalo.

⁶ Includes chicken, duck and geese eggs, turkey hatching eggs, ostrich 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	2009	40,800	lb	\$1.39
	2008	63,200	lb	1.41
Miscellaneous Apiary Products ⁷	2009			12,800
	2008			12,400
TOTAL	2009			\$69,700
	2008			101,600



**NURSERY
STOCK:
PRODUCTION
AND
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock ⁸	2009	7.30	\$63,600
	2008	7.30	80,100



**FOREST
PRODUCTS:
PRODUCTION
AND
VALUE**

Item	Year	MBF	Value
TOTAL ⁹	2009	2,500	\$654,000
	2008	2,700	564,000

⁷ Includes hives, beeswax, pollen, and rental sites on both public and private lands.

⁸ Includes ornamental and native plants, conifers, herbs, roses, cut flowers, berries, vegetables, and iris.

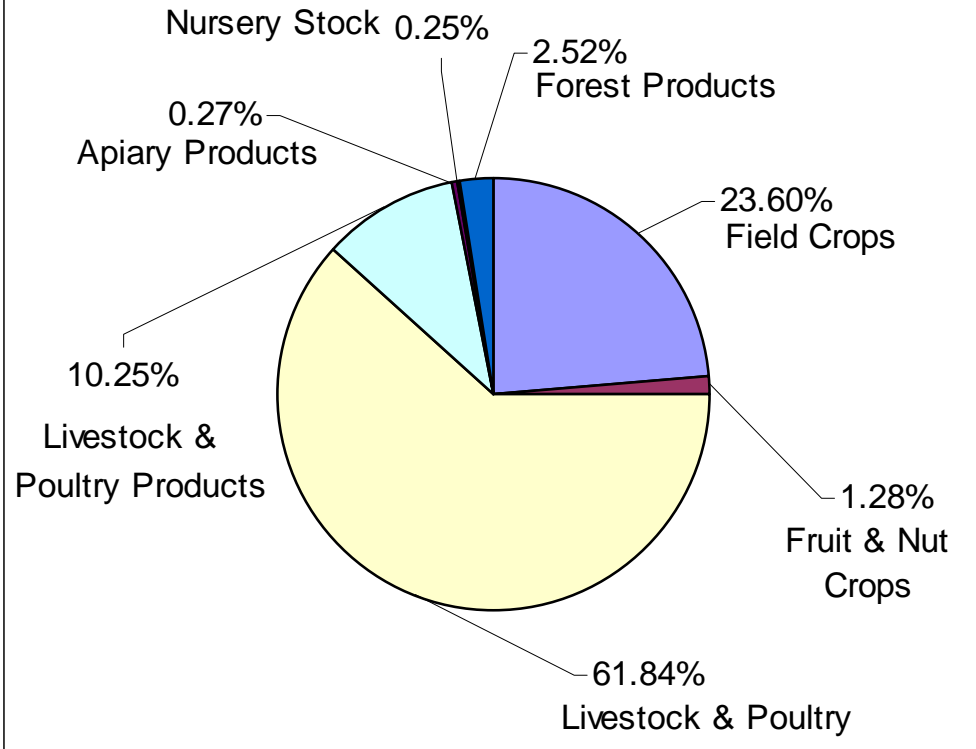
⁹ Includes timber sales, green sales, posts and poles, cordwood, and salvage for public (USFS, NFS, and BLM) and private lands.

NOTE: VALUES MAY NOT TOTAL DUE TO ROUNDING

AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
FIELD CROPS	2009	\$6,122,600
	2008	\$6,286,800
FRUIT & NUT CROPS	2009	\$331,000
	2008	\$397,000
LIVESTOCK & POULTRY	2009	\$16,042,000
	2008	\$15,422,000
LIVESTOCK & POULTRY PRODUCTS	2009	\$2,658,000
	2008	\$2,631,900
APIARY PRODUCTS	2009	\$69,700
	2008	\$101,600
NURSERY STOCK	2009	\$63,600
	2008	\$80,100
TOTAL AGRICULTURAL	2009	\$25,286,900
	2008	\$24,919,400
FOREST PRODUCTS	2009	\$654,000
	2008	\$564,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2009	\$25,940,900
	2008	\$25,483,400

2009 CROP VALUE - \$25,940,900



MARIPOSA COUNTY VALUES OF PRODUCTION

1979 – 2009

<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	25,286,900	25,940,900

*Revised

MARIPOSA COUNTY TOP CROPS - 2009 & 1989

2009

1989

1 \$13,883,000 CATTLE & CALVES
 2 5,865,000 RANGELAND
 3 2,648,000 MISC. LIVESTOCK &
 POULTRY PRODUCTS
 4 1,639,000 ALL POULTRY
 5 654,000 FOREST PRODUCTS
 6 342,000 MISC. LIVESTOCK
 7 226,000 MISC. FRUITS & NUTS
 8 182,000 MISC. FIELD CROPS
 9 178,000 SHEEP & LAMBS
 10 105,000 WINE GRAPES, ALL

1 \$11,483,000 CATTLE & CALVES
 2 5,902,000 FOREST PRODUCTS
 3 3,791,000 RANGELAND
 4 3,489,000 ALL POULTRY
 5 376,000 APPLES
 6 301,500 MISC. LIVESTOCK &
 POULTRY PRODUCTS
 7 235,000 MISC. FIELD CROPS
 8 220,000 MISC. LIVESTOCK
 9 149,000 SHEEP & LAMBS
 10 126,000 MISC APIARY PRODUCTS

Annual Sustainable Agriculture Report

BIOCONTROL:

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
ASH WHITEFLY <i>Siphonius phyllireae</i>	Parasitic wasp <i>Encarsia</i> spp.	County wide
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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

PEST EXCLUSION:

Exotic pests, target pests, GWSS	Incoming plant material via truck, UPS, mail	55 shipments inspected
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PEST DETECTION:

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

200 Gypsy moth traps	26 Khapra Beetle traps	55 Glassy-winged Sharpshooter (GWSS) traps
37 MedFly traps	6 European Pineshoot Moth traps	8 Light Brown Apple Moth (LBAM) Traps
16 Japanese Beetle traps		

PEST ABATEMENT:

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

ORGANIC FARMING STATISTICS:

One organic grower was registered in 2009. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Markets which operate June through mid-October at the 6th 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	\$35,035,109	184,979	acres (2009)
	\$34,802,741	184,076	acres (2008)
 Retail Value of Mariposa Wines	 9,507 gal @ \$31.90 = \$303,285 (2009)		
	5,245 gal @ \$34.59 = \$181,440 (2008)		
 Total Value of Agricultural Production*	 \$25,286,900 (2009)		
 Total Value of Forest Products*	 \$654,000 (2009)		
 Total Value of Agricultural Plus Forest Products*	 \$25,940,900 (2009)		

*Source – 2009 Agricultural Crop Report for Mariposa County.
Other figures from 2000 California State Statistical Abstract and California Almanac.

"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."



2010

Mariposa County
Department of Agriculture



Agricultural Crop and
Livestock Report

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

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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.

2010 was a year of positive change for Mariposa County agriculture. The increased amount of precipitation after several years of drought enabled livestock producers to slowly begin to rebuild their herd sizes as the amount of feed and water available for grazing increased. Because of the upswing experienced in 2010, Mariposa County's total estimated value of \$27,277,500, an overall increase of approximately 4.1% 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, and employment related to agriculture 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 \$15,086,000. Rangeland was second with a value of \$5,600,000. Miscellaneous livestock and poultry products followed with a value of \$2,693,000.

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 and agencies that made this report possible, especially those responding to our questionnaires.

Respectfully Submitted,

Cathi Boze
Agricultural Commissioner/Sealer

FIELD CROPS:

**PRODUCTION
AND
VALUE**

	Year	Harvested Acreage	Unit	Value	
				per unit	Total
Pasture, Irrigated	2010	600	acre	\$120.00	\$72,000
	2009	630	acre	120.00	\$75,600
Rangeland ¹	2010	416,600	acre	13.44	5,600,000
	2009	416,600**	acre	14.08**	5,865,000
Misc. Field Crops ²	2010	605	-	-	128,000
	2009	794	-	-	182,000
TOTAL	2010	417,805			\$5,800,000
	2009	418,024**			6,122,600



**FRUIT
AND
NUT
CROPS:**

**PRODUCTION
AND
VALUE**

Item	Year	Acreage		Production		Unit	Value	
		NB	B	per acre	Total		per unit	Total
Grapes, Total Wine	2010	16.00	94.83	-	98.01	ton		80,400
	2009	18.25	90.33*	-	99.56	ton		105,000
--Red Wine	2010	14.00	92.28		--	ton	--	77,800
	2009	16.25	88.03*		--	ton	--	105,000
-White Wine	2010	2.00	2.55		--	ton	--	2,600
	2009	2.00	2.30*		--	ton	--	- 0 -
Misc. Fruit & Nuts ³	2010	20.00	345.21	-	-	-	-	579,000
	2009	20.00	345.21	-	-	-	-	494,000**
TOTAL	2010	36.00	440.04					\$659,400
	2009	38.25	435.54					\$599,000**

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

² Includes sudan, oat, and other pasture hay, and barley.

³ Includes almonds, apricots, berries, citrus, filberts, herbs, olives, peaches, pears, tomatoes, miscellaneous vegetables, and English walnuts.

* Many of the vineyard acres went unharvested in 2010.

** 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	2010	31,400	153,000	cwt ⁴	\$98.84	\$15,086,000
	2009	36,000	157,000	cwt	88.31	13,883,000
Sheep & Lambs	2010	1,475	1,690	cwt	92.14	216,000
	2009	1,475	1,690	cwt	75.48	178,000
All Poultry ⁵	2010					1,702,000
	2009					1,639,000
Misc Livestock ⁶	2010					432,000
	2009					342,000
TOTAL	2010					\$17,436,000
	2009					16,042,000



**LIVESTOCK
AND
POULTRY
PRODUCTS:**

**PRODUCTION
AND
VALUE**

Item	Year	Production	Unit	Value Per unit	Total Value
Wool	2010	11,800	lb	\$1.25	\$14,700
	2009	11,800	lb	0.85	10,000
Miscellaneous ⁷	2010				2,693,000
	2009				2,648,000
TOTAL	2010				\$2,707,700
	2009				2,658,000

⁴ cwt = Hundredweight: 100 pounds

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

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

⁷ Includes chicken, duck and geese eggs, turkey hatching eggs, ostrich 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	2010	65,500	lb	\$1.56	\$102,000
	2009	40,800	lb	1.39	56,900
Miscellaneous Apiary Products ⁸	2010				11,000
	2009				12,800
TOTAL	2010				\$113,000
	2009				69,700

**NURSERY
STOCK:**

**PRODUCTION
AND
VALUE**

Item	Year	Production Area (acres)	Value
Nursery Stock ⁹	2010	9.40	\$64,400
	2009	7.30	63,600



Golden Panther



Ovation



Sand Dancer



Splashacata



Fantasy Ride

**FOREST
PRODUCTS:**

**PRODUCTION
AND
VALUE**

Item	Year	MBF	Value
TOTAL ¹⁰	2010	9,100	\$497,000
	2009	2,500	654,000

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

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

¹⁰ 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

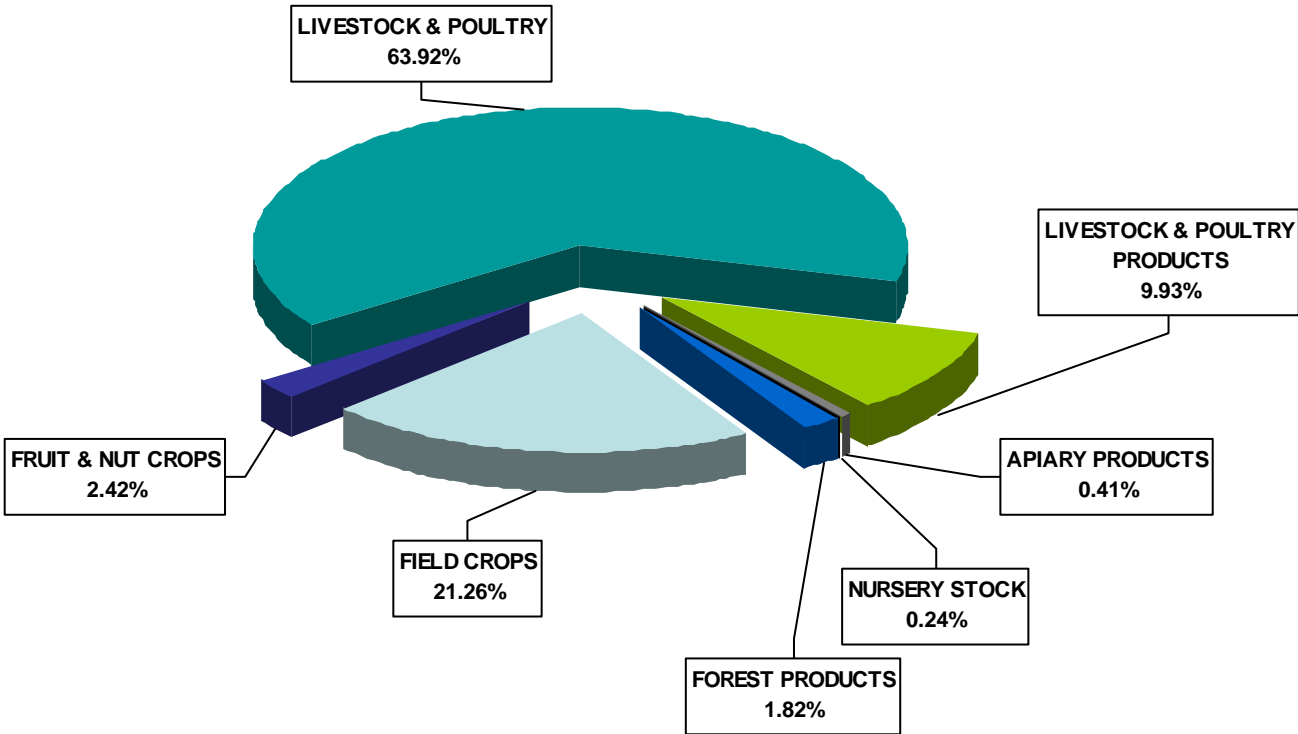
AGRICULTURAL CROP REPORT RECAPITULATION

<u>ITEM</u>	<u>YEAR</u>	<u>TOTAL VALUE</u>
FIELD CROPS	2010	\$ 5,800,000
	2009	\$ 6,122,600
FRUIT & NUT CROPS	2010	\$ 659,400
	2009	\$ 599,000 *
LIVESTOCK & POULTRY	2010	\$ 17,436,000
	2009	\$ 16,042,000
LIVESTOCK & POULTRY PRODUCTS	2010	\$ 2,707,700
	2009	\$ 2,658,000
APIARY PRODUCTS	2010	\$ 113,000
	2009	\$ 69,700
NURSERY STOCK	2010	\$ 64,400
	2009	\$ 63,600
TOTAL AGRICULTURAL	2010	\$ 26,780,500
	2009	\$ 25,554,900 *
FOREST PRODUCTS	2010	\$ 497,000
	2009	\$ 654,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	2010	\$ 27,277,500
	2009	\$ 26,208,900 *

* Revised

2010 CROP VALUE - \$27,277,500

2010 CROP VALUE'S



MARIPOSA COUNTY VALUES OF PRODUCTION

1979 – 2010

<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	26,780,500	27,277,500

*Revised

MARIPOSA COUNTY TOP CROPS - 2010 & 1990

2010

1990

1 \$15,086,000 CATTLE & CALVES
2 5,600,000 RANGELAND
3 2,693,000 MISC. LIVESTOCK &
POULTRY PRODUCTS
4 1,702,000 ALL POULTRY
5 579,000 MISC. FRUITS & NUTS
6 497,000 FOREST PRODUCTS
7 432,000 MISC. LIVESTOCK
8 216,000 SHEEP & LAMBS
9 128,000 MISC. FIELD CROPS
10 102,000 HONEY

1 \$12,093,000 CATTLE & CALVES
2 3,989,000 RANGELAND
3 3,609,000 ALL POULTRY
4 1,944,000 FOREST PRODUCTS
5 916,500 MISC. LIVESTOCK &
POULTRY PRODUCTS
6 321,100 APPLES
7 237,000 MISC. FIELD CROPS
8 230,000 MISC. LIVESTOCK
9 157,000 SHEEP & LAMBS
10 117,500 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	26 Khapra Beetle traps	80 Glassy-winged Sharpshooter (GWSS) traps
56 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	70 shipments inspected
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PEST ABATEMENT:

IBERIAN STARTHISTLE – Hand-pulled, mechanically removed, biocontrol & 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

BIOCONTROL:

<u>PEST</u>	<u>AGENT/MECHANISM</u>	<u>SCOPE OF PROGRAM</u>
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 STARTHISTLE <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 2010. Many local certified producers grow fruit and vegetables without the use of chemical pesticides for the Mariposa Certified Farmers Markets which operate June through mid-October at the 6th Street parking lot on Stroming Road.

AGRICULTURAL FACTS FOR MARIPOSA COUNTY

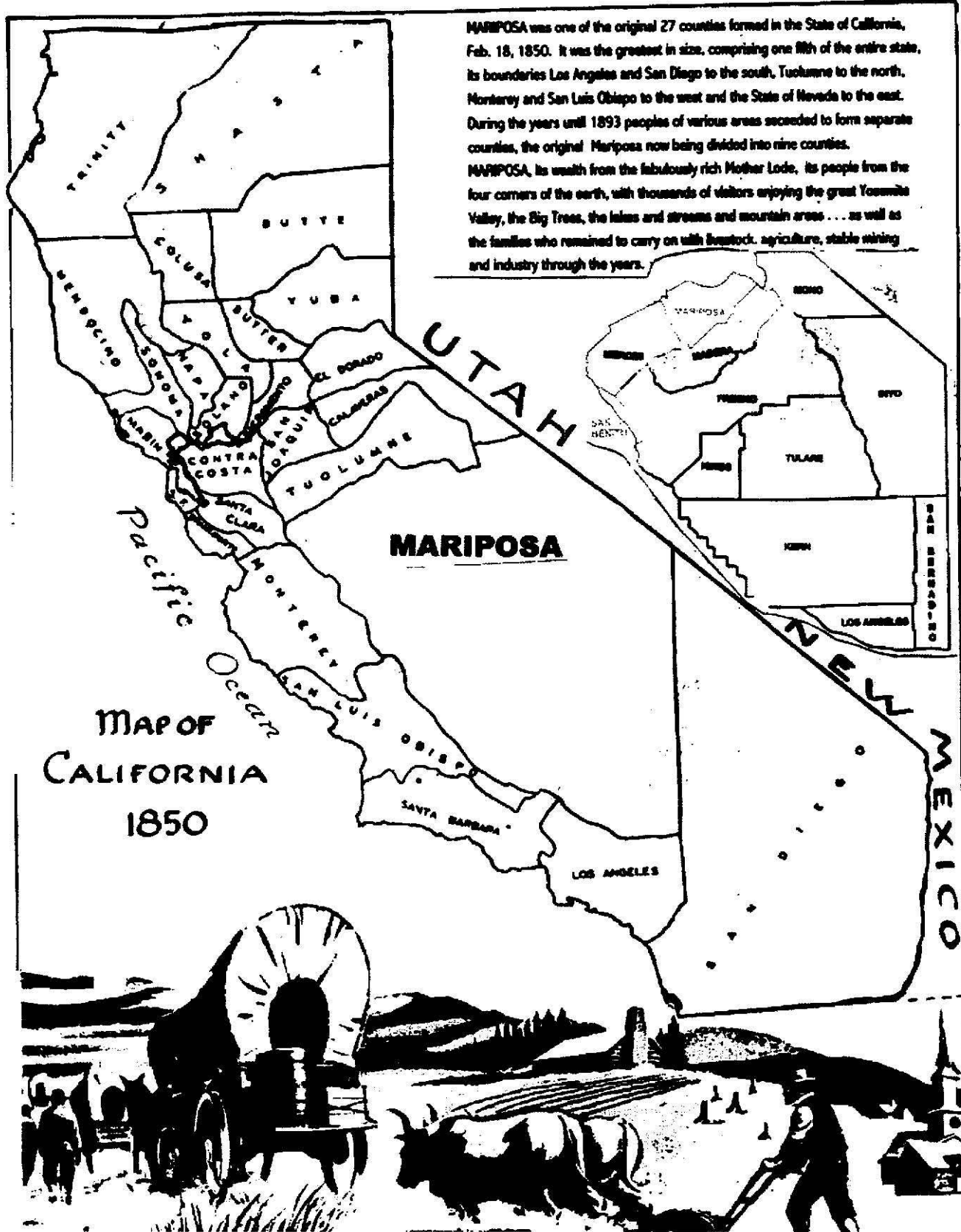
Mean Minimum – Maximum Temperatures	28° F. - 96° F.		
Avg. Seasonal Rainfall	20 – 40 inches (depending on elevation)		
Land Area	928,700 acres	1,451.1 sq. miles	
Water Area	7,490 acres	11.7 sq. miles	
Total Area	936,190 acres	1,462.8 sq. miles	
Land in Timber Production			
National Forest	121,000 acres		
Private Lands	31,000 acres		
Total Timber Acreage	152,000 acres		
Land in Williamson Act	\$35,122,256	185,500	acres (2010)
	\$35,035,109	184,979	acres (2009)
Retail Value of Mariposa Wines	7,228 gal @ \$33.87 = \$244,800 (2010)		
	9,507 gal @ \$31.90 = \$303,285 (2009)		
Total Value of Agricultural Production*	\$26,780,500 (2010)		
Total Value of Forest Products*	\$497,000 (2010)		
Total Value of Agricultural Plus Forest Products*	\$27,277,500 (2010)		

*Source – 2010 Agricultural Crop Report for Mariposa County.
Other figures from 2000 California State Statistical Abstract and
California Almanac.

2010 Mariposa County Agricultural & Livestock Report is available online at:
<http://www.mariposacounty.org/index.aspx?nid=63>

Cover photo taken by Skip Skyrud is a ranching operation on Merced Falls Road 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.

MAP OF CALIFORNIA 1850



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 ¹	2011	416,600	-	-	acre	13.92	5,800,000
	2010	416,600	-	-	acre	13.44	5,600,000
Misc. Field Crops ²	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 ³	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**

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

² Includes sudan, oat, native, and other pasture hay.

³ 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 ⁴	\$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 ⁵	2011					1,729,000
	2010					1,702,000
Misc Livestock ⁶	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 ⁷	2011				2,696,000
	2010				2,693,000
TOTAL	2011				\$2,716,400
	2010				2,707,700

⁴ cwt = Hundredweight: 100 pounds

⁵ 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.

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 ⁸	2011				15,000
	2010				11,000
TOTAL	2011				\$128,000
	2010				113,000



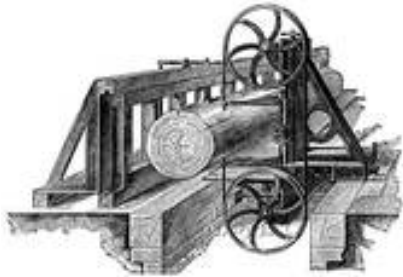
**NURSERY
STOCK:
PRODUCTION
AND
VALUE**

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



**FOREST
PRODUCTS:
PRODUCTION
AND
VALUE**

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



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

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

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

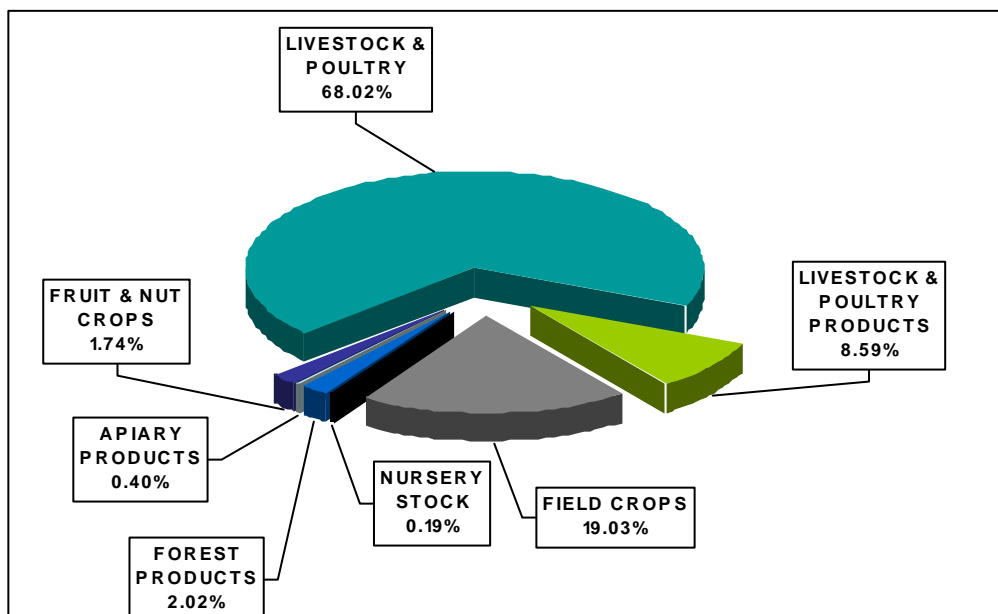
MBF = Million Board Feet

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
TOTAL AGRICULTURAL	2011	\$30,974,600
	2010	\$26,796,824
FOREST PRODUCTS	2011	\$637,000
	2010	\$497,000
TOTAL AGRICULTURAL PLUS FOREST PRODUCTS	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
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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
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 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 6th 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)	

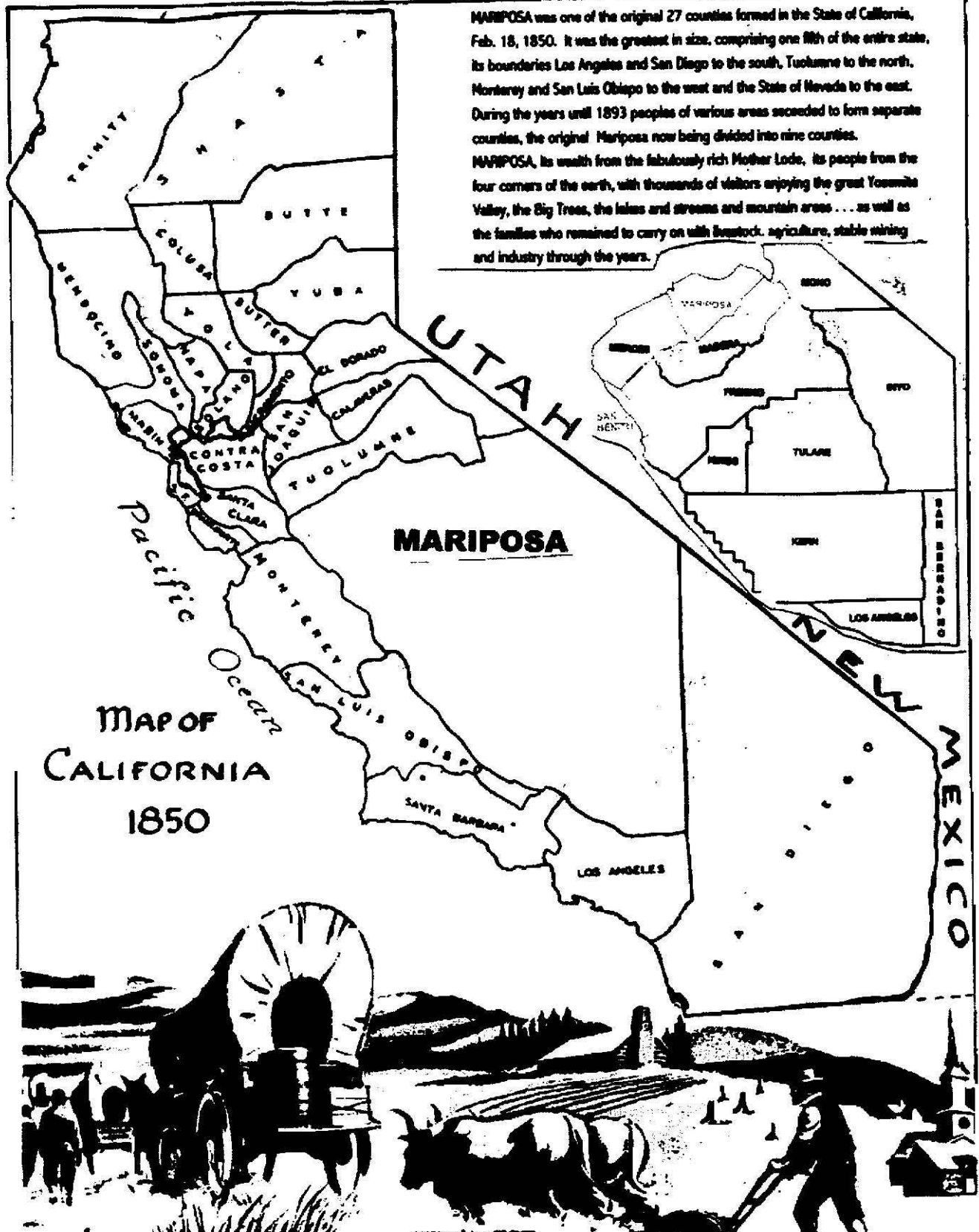
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Other figures from 2000 California State Statistical Abstract and
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Cover photo taken by Marvin Silver of lupines in his Silver Fox Vineyards on Morningstar Lane in
Mariposa County.

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.



MAP OF CALIFORNIA 1850