2016
Agricultural Crop & Livestock Report

Mariposa County
Department of Agriculture
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

Cover Photograph by Cari Gansberger, taken around Mariposa County line.
### Field Crops: Production and Value

<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>Acreage</th>
<th>Production</th>
<th>Unit</th>
<th>Value Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pasture, Irrigated</td>
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<td>500</td>
<td>-</td>
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<tr>
<td></td>
<td>2015</td>
<td>500</td>
<td>-</td>
<td>$120.00</td>
<td>$60,000</td>
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<tr>
<td>Rangeland(^1)</td>
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<td>416,600</td>
<td>-</td>
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<tr>
<td></td>
<td>2015</td>
<td>416,600</td>
<td>-</td>
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<tr>
<td>Misc. Field Crops(^2)</td>
<td>2016</td>
<td>725</td>
<td>-</td>
<td>-</td>
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<td>2015</td>
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<td>-</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td>2016</td>
<td>417,825</td>
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<tr>
<td></td>
<td>2015</td>
<td>417,825</td>
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### Fruit and Nut Crops: Production and Value

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<th>Unit</th>
<th>Value Total</th>
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<tbody>
<tr>
<td>Grapes, Total Wine</td>
<td>2016</td>
<td>10.30</td>
<td>78.71</td>
<td>ton</td>
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<tr>
<td></td>
<td>2015</td>
<td>72.68*</td>
<td>38.29</td>
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<tr>
<td>--Red Wine</td>
<td>2016</td>
<td>5.00</td>
<td>69.61</td>
<td>ton</td>
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<tr>
<td></td>
<td>2015</td>
<td>66.33</td>
<td>111.38</td>
<td>ton</td>
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<tr>
<td>--White Wine</td>
<td>2016</td>
<td>9.1</td>
<td>6.35</td>
<td>ton</td>
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<td></td>
<td>2015</td>
<td>18.41</td>
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<td>ton</td>
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</tr>
<tr>
<td>Misc. Fruit &amp; Nut(^3)</td>
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<td>30.00</td>
<td>261.0</td>
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<tr>
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<td>2015</td>
<td>137.85</td>
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<td>50.60</td>
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<td>2015</td>
<td>-</td>
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</table>

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\(^1\) Includes grazing permits on U.S. Forest Service, BLM, and other public lands.
\(^2\) Average potential grazing value per acre of forage
\(^3\) Includes sudan, oat, native, and other pasture hay; most of the hay is used on the ranches where it is produced.

*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 ROUN​DING
### LIVESTOCK AND POULTRY

#### PRODUCTION AND VALUE

<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>No. of Head</th>
<th>Total Liveweight</th>
<th>Unit</th>
<th>Value per unit</th>
<th>Total Value</th>
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<tr>
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<td>2016</td>
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<td>107,940</td>
<td>cwt</td>
<td>$198.85</td>
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<td>2015</td>
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<td>$209.51</td>
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<tr>
<td>Sheep &amp; Lambs</td>
<td>2016</td>
<td></td>
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<td></td>
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<td>$232,206</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$261,000</td>
</tr>
<tr>
<td>All Poultry</td>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$263,000</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$2,003,000</td>
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<tr>
<td>Misc Livestock</td>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td>$84,500</td>
<td>$22,043,564</td>
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<tr>
<td></td>
<td>2015</td>
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<td></td>
<td>$989,000</td>
<td>$31,810,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2016</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$22,043,564</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$31,810,000</td>
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#### LIVESTOCK AND POULTRY PRODUCTS

#### PRODUCTION AND VALUE

<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>Production</th>
<th>Unit</th>
<th>Value Per unit</th>
<th>Total Value</th>
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<tbody>
<tr>
<td>Wool</td>
<td>2016</td>
<td>14,000</td>
<td>lb</td>
<td>$1.50</td>
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<tr>
<td></td>
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<td>17,000</td>
<td>lb</td>
<td>$1.55</td>
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</tr>
<tr>
<td>Miscellaneous</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td></td>
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<td>$3,285,000</td>
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</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td></td>
<td></td>
<td>$3,311,000</td>
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</tbody>
</table>

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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
<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>Production</th>
<th>Unit</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Honey</td>
<td>2016</td>
<td>16,307</td>
<td>lb</td>
<td>$2.80</td>
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<tr>
<td></td>
<td>2015</td>
<td>29,700</td>
<td>lb</td>
<td>$2.04</td>
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<tr>
<td>Miscellaneous Apiary Products^8</td>
<td>2016</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2015</td>
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<tr>
<td>TOTAL</td>
<td>2016</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>2015</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Year</th>
<th>Production Area (acres)</th>
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<tr>
<td>Nursery Stock^9</td>
<td>2016</td>
<td></td>
<td>$54,700</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td></td>
<td>$59,000</td>
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</table>

<table>
<thead>
<tr>
<th>Item</th>
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<th>MBF</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>TOTAL^10</td>
<td>2016</td>
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<tr>
<td></td>
<td>2015</td>
<td>3,438</td>
<td>$250,000</td>
</tr>
</tbody>
</table>

^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

<table>
<thead>
<tr>
<th>ITEM</th>
<th>YEAR</th>
<th>TOTAL VALUE</th>
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<tbody>
<tr>
<td>FIELD CROPS</td>
<td>2016</td>
<td>$7,361,815</td>
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<td>2015</td>
<td>$6,473,000</td>
</tr>
<tr>
<td>FRUIT &amp; NUT CROPS</td>
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<tr>
<td></td>
<td>2015</td>
<td>$372,442</td>
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<tr>
<td>LIVESTOCK &amp; POULTRY</td>
<td>2016</td>
<td>$22,043,564</td>
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<td>2015</td>
<td>$31,810,000</td>
</tr>
<tr>
<td>LIVESTOCK &amp; POULTRY PRODUCTS</td>
<td>2016</td>
<td>$2,898,525</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>$3,311,000</td>
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<td>APIARY PRODUCTS</td>
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<tr>
<td>NURSERY STOCK</td>
<td>2016</td>
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</tr>
<tr>
<td></td>
<td>2015</td>
<td>$59,000</td>
</tr>
<tr>
<td>TOTAL AGRICULTURAL</td>
<td>2016</td>
<td>$32,742,758</td>
</tr>
<tr>
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<td>2015</td>
<td>$42,159,400</td>
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<tr>
<td>FOREST PRODUCTS</td>
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</tr>
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</tr>
<tr>
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</tr>
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<td>2015</td>
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MARIPOSA COUNTY VALUES OF PRODUCTION

1980 – 2016

<table>
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<th>YEAR</th>
<th>AGRICULTURAL</th>
<th>AGRICULTURAL/FOREST PRODUCTS</th>
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<td>19,229,050</td>
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<td>20,350,300</td>
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<tr>
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<tr>
<td>1988</td>
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<td>23,617,500</td>
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<td>25,183,100</td>
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<td>2006</td>
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<td>28,840,670</td>
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<td>2009</td>
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<tr>
<td>2010</td>
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<td>27,293,824*</td>
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<td>34,316,000*</td>
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<td>42,419,400</td>
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*Revised
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<tr>
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<th>Category</th>
<th>Rank</th>
<th>1996 Value</th>
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<td>RANGELAND</td>
<td>2</td>
<td>$4,701,000</td>
<td>RANGELAND</td>
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<tr>
<td>3</td>
<td>$2,877,525</td>
<td>MISCELLANEOUS LIVESTOCK &amp; POULTRY PRODUCTS</td>
<td>3</td>
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<td>MISCELLANEOUS LIVESTOCK &amp; POULTRY PRODUCTS</td>
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<tr>
<td>4</td>
<td>$263,000</td>
<td>ALL POULTRY</td>
<td>4</td>
<td>$1,328,000</td>
<td>FOREST PRODUCTS</td>
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<tr>
<td>5</td>
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<td>FOREST PRODUCTS</td>
<td>5</td>
<td>$1,084,000</td>
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<td>6</td>
<td>$244,611</td>
<td>MISCELLANEOUS FIELD CROPS</td>
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<td>MISCELLANEOUS FRUITS &amp; NUTS</td>
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<td>7</td>
<td>$277,423</td>
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<td>SHEEP &amp; LAMBS</td>
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<td>APPLES</td>
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<td>MISCELLANEOUS LIVESTOCK</td>
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</table>
Annual Sustainable Agriculture Report

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

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

PEST EXCLUSION:
Exotic pests, target pests, GWSS via truck, UPS, mail

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:

<table>
<thead>
<tr>
<th>PEST</th>
<th>AGENT/MECHANISM</th>
<th>SCOPE OF PROGRAM</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASH WHITEFLY</td>
<td>Siphonius phyllyreae</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Encarsia spp.</td>
<td>County wide</td>
</tr>
<tr>
<td>RED GUM LERP PSYLLID</td>
<td>Glycaspis brimblecombei</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Psyllaephagus bliteus</td>
<td>County wide</td>
</tr>
<tr>
<td>YELLOWW STARTHISTLE</td>
<td>Centaurea solstitialis</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bangasternus orientalis</td>
<td>2 sites</td>
</tr>
<tr>
<td></td>
<td>Hairy Weevil</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Eustenopus villosus</td>
<td>Various sites</td>
</tr>
<tr>
<td></td>
<td>Peacock fly</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chaetorellia australis</td>
<td>4 sites</td>
</tr>
<tr>
<td>KLAMATH WEED</td>
<td>Hypericum perforatum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chrysolina spp.</td>
<td>County wide</td>
</tr>
<tr>
<td>PUNCTUREVINE</td>
<td>Tribulus terrestris</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Micolarinus spp.</td>
<td>County wide</td>
</tr>
</tbody>
</table>

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.