Gary served as Agricultural Commissioner and Sealer of Weights and Measures for Stanislaus County from March 2008 until his retirement in March of 2013.

Gary began his official service to the California agricultural community in 1977 when he began employment with the State of California, Department of Food and Agriculture as a seasonal pest detection trapper. In 1978, he began working for Merced County as an Agricultural Biologist. He was promoted to Deputy Agricultural Commissioner in 1987 and Assistant Agricultural Commissioner/Sealer in 1989. In 2001, Gary accepted the position of the Agricultural Commissioner and Sealer of Weights & Measures for Tuolumne County where he also served as the Air Pollution Control Officer and the Director of Animal Control. Gary was appointed as the Stanislaus County Agricultural Commissioner and Sealer of Weights & Measures in March of 2008.

We thank Gary for his leadership, his dedicated service to our County and for his devotion to agriculture.
STANISLAUS COUNTY
AGRICULTURAL COMMISSIONER’S OFFICE

2012 ANNUAL CROP REPORT

The Honorable Board of Supervisors
County of Stanislaus

William O’Brien
Supervisor District 1
Vito Chiesa, Chairman
Supervisor District 2
Terry Withrow
Supervisor District 3
Dick Monteith
Supervisor District 4
Jim DeMartini, Vice-Chairman
Supervisor District 5

Monica Nino
Chief Executive Officer

Milton O’Haire
Agricultural Commissioner/Sealer
The almond tree, native to the Middle East region, was first planted in California's coastal areas by Spanish padres near Franciscan missions in the mid 1700’s. The moist, cool weather of the coastal areas, however, did not provide optimum growing conditions. In the 1800’s, growers seeking a more favorable growing climate began planting almond trees further inland, leading to almonds eventually being planted in the San Joaquin Valley.

During the 1800’s some of today’s prominent almond varieties were being developed through research and crossbreeding. By the turn of the 20th century, the almond industry was firmly established in the Central Valley. However, almonds from Spain and Italy continued to dominate world markets. Production increased after World War I and growers began to mechanize to compete with hand shelling and very low wages in Spain and Italy.

In 1941, production from almond orchards in Stanislaus County averaged just 300 pounds per acre with growers receiving $0.26/lb for their crop. From 1941 to 1960 the County’s almond acreage increased slowly to just under 7,000 acres in 1960.

In the 1950’s the industry experienced advances in many areas connected to growing and harvesting almonds, from changes in irrigation practices to the use of mechanical harvesting equipment and sprayers. The University of California helped growers improve their cultural practices resulting in higher yields and better profits. In Stanislaus County, as in other almond growing areas in California, acreage increased rapidly from the early 1960’s through the 1980’s.

With the United States as the largest market in the world for almonds, California almond growers now produce nearly 100% of the domestic almond supply and account for over 75% of the worldwide production. Stanislaus County is one of California’s top almond producing counties with more than 155,000 acres, 20% of the acres in the State. Stanislaus County currently has more than 1,200 almond growers and yields regularly exceed 2,000 pounds per acre. More than 30 local export companies shipped over 235 million pounds of almonds to international markets in 2012.

It took more than 100 years for the almond to become the number two crop in Stanislaus County, a position it has held consistently since 1992. Although many challenges lay ahead for the agricultural community, such as water availability, water quality, land use issues, and pest and disease pressures, the almond industry has met past challenges and now stands at the threshold of being the number one agricultural commodity in Stanislaus County. Only time will tell whether or not almonds will become the top crop, but one thing is certain, the almond has already made its mark on California and Stanislaus County.
Karen Ross, Secretary  
California Department of Food and Agriculture  
and  
The Honorable Board of Supervisors of Stanislaus County  

We are pleased to submit, in accordance with Section 2279 of the California Food and Agricultural Code, Stanislaus County’s Annual Crop and Livestock Report for 2012. This report provides a statistical description of Stanislaus County’s agricultural production. We must emphasize that this report represents gross values of agricultural commodities and does not reflect production costs or profits.

The value of agricultural commodities produced last year in Stanislaus County increased almost 7% to $3,277,843,000. This represents an all time high in Crop Production Values with an increase of $208,020,000 from the 2011 gross production value of $3,069,823,000. This is primarily attributed to an increase in the Fruit and Nut Crops, most notably almonds, walnuts and grapes, along with tomatoes and chickens. Overall, Livestock and Poultry Products decreased mainly due to lower milk prices.

We wish to express our appreciation to agricultural producers, industry representatives and public agencies who have cooperated in providing data for this report. We would also like to express sincere thanks to the Agricultural Commissioner’s staff, especially Agricultural Inspector Richard Homer who compiled the report, and Susan Azevedo who prepared the information for publication.

Respectfully submitted,

Milton O’Haire  
Agricultural Commissioner/Sealer  
Stanislaus County  

Theresa Spezzano  
County Director, UC Cooperative Extension  
Stanislaus County
## Fruit & Nut Crops

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Almond Meat</td>
<td>2012</td>
<td>155,114</td>
<td>1.09</td>
<td>169,000</td>
<td>Ton</td>
<td>$ 4,354</td>
<td>$ 735,826,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>149,676</td>
<td>1.12</td>
<td>168,000</td>
<td>Ton</td>
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<td>$ 628,320,000</td>
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<tr>
<td>Almond Hulls</td>
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<td>4,585</td>
<td>12.00</td>
<td>55,000</td>
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<td>2011</td>
<td>4,678</td>
<td>12.00</td>
<td>56,100</td>
<td>Ton</td>
<td>$ 403</td>
<td>$ 22,608,000</td>
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<tr>
<td>Almond Shells</td>
<td>2012</td>
<td>3,085</td>
<td>3.80</td>
<td>11,700</td>
<td>Ton</td>
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<td>$ 47,385,000</td>
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<td></td>
<td>2011</td>
<td>3,161</td>
<td>2.76</td>
<td>8,700</td>
<td>Ton</td>
<td>$ 4,840</td>
<td>$ 42,108,000</td>
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<td>Citrus*</td>
<td>2012</td>
<td>752</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2011</td>
<td>487</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Grapes, All</td>
<td>2012</td>
<td>13,640</td>
<td></td>
<td>118,000</td>
<td>Ton</td>
<td>$ 483</td>
<td>$ 56,994,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>10,998</td>
<td></td>
<td>71,200</td>
<td>Ton</td>
<td>$ 509</td>
<td>$ 36,241,000</td>
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<tr>
<td>Red Varieties</td>
<td>2012</td>
<td>8,457</td>
<td>13.90</td>
<td>118,000</td>
<td>Ton</td>
<td>$ 483</td>
<td>$ 56,994,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>6,958</td>
<td>10.23</td>
<td>71,200</td>
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<tr>
<td>White Varieties</td>
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<td>10.77</td>
<td>55,800</td>
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<tr>
<td></td>
<td>2011</td>
<td>4,040</td>
<td>10.00</td>
<td>40,400</td>
<td>Ton</td>
<td>$ 500</td>
<td>$ 20,200,000</td>
</tr>
<tr>
<td>Peaches, All</td>
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<td>8,075</td>
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<td>167,000</td>
<td>Ton</td>
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<td>$ 52,939,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>8,088</td>
<td></td>
<td>163,000</td>
<td>Ton</td>
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<td>$ 47,596,000</td>
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<td>2012</td>
<td>7,345</td>
<td>22.68</td>
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<td>Ton</td>
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<td></td>
<td>2011</td>
<td>7,352</td>
<td>22.20</td>
<td>163,000</td>
<td>Ton</td>
<td>$ 292</td>
<td>$ 47,596,000</td>
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<tr>
<td>Freestone</td>
<td>2012</td>
<td>730</td>
<td>14.50</td>
<td>10,600</td>
<td>Ton</td>
<td>$ 901</td>
<td>$ 9,551,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>736</td>
<td>15.00</td>
<td>11,000</td>
<td>Ton</td>
<td>$ 875</td>
<td>$ 9,625,000</td>
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<tr>
<td>Walnuts</td>
<td>2012</td>
<td>38,295</td>
<td>1.86</td>
<td>71,200</td>
<td>Ton</td>
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<td>$ 213,600,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>31,873</td>
<td>1.90</td>
<td>60,600</td>
<td>Ton</td>
<td>$ 2,900</td>
<td>$ 175,740,000</td>
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<tr>
<td>Miscellaneous*</td>
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<td>2,880</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$ 17,055,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>1,905</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$ 15,888,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2012</td>
<td>227,113</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$ 1,264,991,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>211,638</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$ 1,061,047,000</td>
</tr>
</tbody>
</table>

*Citrus includes: Grapefruit, Lemons, Oranges, Pomelos and Tangerines (all prices and yields averaged together)

*Miscellaneous includes: Avocados, Berries (Blackberries, Boysenberries, Blueberries & Strawberries), Chestnuts, Figs, Jujube, Kiwi, Nectarines, Olives, Pears, Pecans, Persimmons, Pistachios, Plums, Pluots, Pomegranates, Prunes, Quince and Table Grapes
### Vegetable Crops

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beans, Succulent</strong></td>
<td>2012</td>
<td>3,348</td>
<td>1.25</td>
<td>4,190</td>
<td>Ton</td>
<td>$900</td>
<td>$3,771,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>4,113</td>
<td>2.05</td>
<td>8,400</td>
<td>Ton</td>
<td>$638</td>
<td>$5,359,000</td>
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<tr>
<td><strong>Broccoli</strong></td>
<td>2012</td>
<td>2,120</td>
<td>5.00</td>
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<td>$4,664,000</td>
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<td></td>
<td>2011</td>
<td>5,811</td>
<td>5.00</td>
<td>29,000</td>
<td>Ton</td>
<td>$440</td>
<td>$12,760,000</td>
</tr>
<tr>
<td><strong>Cauliflower</strong></td>
<td>2012</td>
<td>2,113</td>
<td>5.00</td>
<td>10,600</td>
<td>Ton</td>
<td>$500</td>
<td>$5,300,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>674</td>
<td>5.00</td>
<td>3,370</td>
<td>Ton</td>
<td>$500</td>
<td>$1,685,000</td>
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<tr>
<td><strong>Melons, All</strong></td>
<td>2012</td>
<td>2,561</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$18,974,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>2,381</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$12,853,000</td>
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<tr>
<td></td>
<td>2012</td>
<td>1,926</td>
<td>18.00</td>
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<td>2011</td>
<td>1,812</td>
<td>11.25</td>
<td>20,400</td>
<td>Ton</td>
<td>$440</td>
<td>$8,976,000</td>
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<tr>
<td></td>
<td>2012</td>
<td>506</td>
<td>15.18</td>
<td>7,680</td>
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<tr>
<td></td>
<td>2011</td>
<td>387</td>
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<td>6,800</td>
<td>Ton</td>
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<td>$2,720,000</td>
</tr>
<tr>
<td></td>
<td>2012</td>
<td>129</td>
<td>36.09</td>
<td>4,660</td>
<td>Ton</td>
<td>$312</td>
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</tr>
<tr>
<td></td>
<td>2011</td>
<td>182</td>
<td>24.57</td>
<td>4,500</td>
<td>Ton</td>
<td>$257</td>
<td>$1,157,000</td>
</tr>
<tr>
<td><strong>Pumpkins</strong></td>
<td>2012</td>
<td>299</td>
<td>20.00</td>
<td>5,980</td>
<td>Ton</td>
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<td>$718,000</td>
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<tr>
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<td>2011</td>
<td>150</td>
<td>15.00</td>
<td>2,300</td>
<td>Ton</td>
<td>$220</td>
<td>$506,000</td>
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<td><strong>Spinach</strong></td>
<td>2012</td>
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<td>18,100</td>
<td>Ton</td>
<td>$115</td>
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<td>42,100</td>
<td>Ton</td>
<td>$146</td>
<td>$6,147,000</td>
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<tr>
<td><strong>Squash, All</strong></td>
<td>2012</td>
<td>221</td>
<td>18.00</td>
<td>3,980</td>
<td>Ton</td>
<td>$210</td>
<td>$836,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>600</td>
<td>13.00</td>
<td>7,800</td>
<td>Ton</td>
<td>$200</td>
<td>$1,560,000</td>
</tr>
<tr>
<td><strong>Sweet Potatoes</strong></td>
<td>2012</td>
<td>1,171</td>
<td>23.00</td>
<td>26,900</td>
<td>Ton</td>
<td>$300</td>
<td>$8,070,000</td>
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<tr>
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<td>2011</td>
<td>1,480</td>
<td>22.50</td>
<td>33,300</td>
<td>Ton</td>
<td>$300</td>
<td>$9,990,000</td>
</tr>
<tr>
<td><strong>Tomatoes, All</strong></td>
<td>2012</td>
<td>30,689</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>2011</td>
<td>30,039</td>
<td></td>
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<td></td>
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<td>2012</td>
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<td>14.54</td>
<td>34,300</td>
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<td>$15,092,000</td>
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<tr>
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<td>2011</td>
<td>2,622</td>
<td>12.56</td>
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<tr>
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<td>2012</td>
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<td>2011</td>
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<td>1,179,000</td>
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<td><strong>Miscellaneous</strong></td>
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<td>$21,344,000</td>
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<td>$24,546,000</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td>$186,907,000</td>
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<td>2011</td>
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<td></td>
<td></td>
<td>$166,420,000</td>
</tr>
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</table>

*Melons, Other includes: Crenshaw and Watermelon

### Field Crops

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Beans, Dried All</strong></td>
<td>2012</td>
<td>25,506</td>
<td></td>
<td></td>
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<td></td>
<td>2011</td>
<td>23,464</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Black-eyes</strong></td>
<td>2012</td>
<td>6,764</td>
<td>1.18</td>
<td>7,980</td>
<td>Ton</td>
<td>$ 1,010</td>
<td>$ 8,060</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>6,826</td>
<td>1.50</td>
<td>10,200</td>
<td>Ton</td>
<td>$ 1,020</td>
<td>$10,404</td>
</tr>
<tr>
<td><strong>Baby Limas</strong></td>
<td>2012</td>
<td>12,726</td>
<td>1.33</td>
<td>16,900</td>
<td>Ton</td>
<td>$ 1,130</td>
<td>$19,097</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>11,482</td>
<td>1.25</td>
<td>14,400</td>
<td>Ton</td>
<td>$ 1,100</td>
<td>$15,840</td>
</tr>
</tbody>
</table>
| **Large Limas**               | 2012 | 586             | 1.25    | 733   | Ton  | $ 900   | $ 660,
|                               | 2011 | 205             | 1.68    | 344   | Ton  | $ 920   | $ 316,000 |
| **Beans, Dried Other**        | 2012 | 5,430           | 1.50    | 8,150 | Ton  | $ 990   | $ 8,069,000 |
|                               | 2011 | 6,764           | 1.18    | 7,980 | Ton  | $ 1,010 | $ 8,060,000 |
| **Bean Straw**                | 2012 | 2,032           | 4.20    | 8,530 | Ton  | $ 326   | $ 2,781,000 |
|                               | 2011 | 1,586           | 3.99    | 6,300 | Ton  | $ 363   | $ 2,287,000 |
| **Hay, Alfalfa**              | 2012 | 36,055          | 7.80    | 281,000| Ton  | $ 220   | $ 61,820,000 |
|                               | 2011 | 40,429          | 7.08    | 286,000| Ton  | $ 245   | $ 70,070,000 |
| **Hay, Oat**                  | 2012 | 33,576          | 3.17    | 106,000| Ton  | $ 151   | $ 16,060,000 |
|                               | 2011 | 41,512          | 3.70    | 154,000| Ton  | $ 160   | $ 24,640,000 |
| **Hay, Other**                | 2012 | 12,920          | 3.43    | 42,200| Ton  | $ 188   | $ 7,934,000 |
|                               | 2011 | 13,536          | 4.47    | 61,000| Ton  | $ 150   | $ 9,150,000 |
| **Pasture, Irrigated**        | 2012 | 33,000          |         |       | Acre | $ 196   | $ 6,468,000 |
|                               | 2011 | 33,200          |         |       | Acre | $ 192   | $ 6,374,000 |
| **Rangeland**                 | 2012 | 433,000         |         |       | Acre | $ 19    | $ 8,227,000 |
|                               | 2011 | 436,000         |         |       | Acre | $ 20    | $ 8,720,000 |
| **Rice**                      | 2012 | 2,032           | 4.20    | 8,530 | Ton  | $ 326   | $ 2,781,000 |
|                               | 2011 | 1,586           | 3.99    | 6,300 | Ton  | $ 363   | $ 2,287,000 |
| **Silage, All**               | 2012 | 143,714         |         |       |      |          |       |
|                               | 2011 | 166,732         |         |       |      |          |       |
| **Other**                     | 2012 | 56,317          | 15.60   | 879,000| Ton  | $ 39    | $ 34,281,000 |
|                               | 2011 | 69,534          | 14.87   | 1,034,000| Ton  | $ 37    | $ 38,258,000 |
| **Corn**                      | 2012 | 82,819          | 28.29   | 2,343,000| Ton  | $ 48    | $ 112,464,000 |
|                               | 2011 | 91,457          | 27.00   | 2,469,000| Ton  | $ 47    | $ 116,043,000 |
| **Sudan**                     | 2012 | 4,578           | 12.00   | 54,900 | Ton  | $ 33    | $ 1,812,000 |
|                               | 2011 | 5,741           | 12.50   | 71,800 | Ton  | $ 28    | $ 2,010,000 |

*Hay, Other includes: Grass, Sudan, Teff, Wheat, and Winter Forage |
*Silage, Other includes: Alfalfa (1 cutting), Barley, Grass, Oats, Ryegrass, Sorghum, Triticale, Vetch, Wheat, and Winter Forage
## Field Crops (con’t)

### Wheat, All

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>3,957</td>
<td>3.05</td>
<td>12,100</td>
<td>Ton</td>
<td>$245</td>
<td>$4,630,000</td>
</tr>
<tr>
<td>2011</td>
<td>3,463</td>
<td>2.90</td>
<td>10,000</td>
<td>Ton</td>
<td>$220</td>
<td>$3,408,000</td>
</tr>
</tbody>
</table>

### Wheat, Grain

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>3,957</td>
<td>3.05</td>
<td>12,100</td>
<td>Ton</td>
<td>$245</td>
<td>$4,630,000</td>
</tr>
<tr>
<td>2011</td>
<td>3,463</td>
<td>2.90</td>
<td>10,000</td>
<td>Ton</td>
<td>$220</td>
<td>$3,408,000</td>
</tr>
</tbody>
</table>

### Wheat, Straw

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvested Acres</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>2,385</td>
<td>18,100</td>
<td>Ton</td>
<td>$92</td>
<td>$1,665,000</td>
</tr>
<tr>
<td>2011</td>
<td>3,394</td>
<td>15,100</td>
<td>Ton</td>
<td>$80</td>
<td>$1,208,000</td>
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</table>

### Miscellaneous*

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvested Acres</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>2,385</td>
<td>2,385</td>
<td>Acre</td>
<td>$92</td>
<td>$257,000</td>
</tr>
<tr>
<td>2011</td>
<td>3,394</td>
<td>3,394</td>
<td>Acre</td>
<td>$80</td>
<td>$271,000</td>
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</table>

### TOTAL

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvested Acres</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>725,515</td>
<td>725,515</td>
<td>Acre</td>
<td>$92</td>
<td>$297,856,000</td>
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<tr>
<td>2011</td>
<td>763,316</td>
<td>763,316</td>
<td>Acre</td>
<td>$80</td>
<td>$319,359,000</td>
</tr>
</tbody>
</table>

*Miscellaneous includes: Barley, Corn Grain, Corn Human Consumption, Oat Grain and Safflower

### Other Agriculture

#### All Other Agriculture*

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>592,360</td>
<td>$25,801,000</td>
</tr>
<tr>
<td>2011</td>
<td>740,900</td>
<td>$26,194,000</td>
</tr>
</tbody>
</table>

*Other Agriculture includes:
- Firewood (orchard prunings and tree removal for firewood)
- Fuel Cogeneration (orchard prunings and orchard removal for fuel)
- Compost & Worm Castings (worm castings and all wood and green waste recycling)
- Aquaculture (Silver Carp, Sturgeon, Large Mouth Bass and Channel Catfish)
**Seed Crops**

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Field Crop</strong></td>
<td>2012</td>
<td>752</td>
<td>959,000</td>
<td>$</td>
<td></td>
<td></td>
<td>$959,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>745</td>
<td></td>
<td>$</td>
<td></td>
<td></td>
<td>$1,038,000</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>2012</td>
<td>234</td>
<td>307,000</td>
<td>$</td>
<td></td>
<td></td>
<td>$307,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>144</td>
<td>432,000</td>
<td>$</td>
<td></td>
<td></td>
<td>$432,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2012</td>
<td>986</td>
<td>1,266,000</td>
<td>$</td>
<td></td>
<td></td>
<td>$1,266,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>889</td>
<td>1,470,000</td>
<td>$</td>
<td></td>
<td></td>
<td>$1,470,000</td>
</tr>
</tbody>
</table>

*Field Crop includes: Cowpea, Dried Bean and Lima Bean
*Other includes: Oat, Onion, Rice, Squash and Tomato

**Nursery Products**

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Field Acres</th>
<th>Quantity Sold</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deciduous Fruit &amp; Nut Trees/Vines</td>
<td>2012</td>
<td>782</td>
<td>14,030,000</td>
<td>EA</td>
<td>$4.59</td>
<td>$64,398,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>762</td>
<td>13,348,000</td>
<td>EA</td>
<td>$5.35</td>
<td>$71,412,000</td>
</tr>
<tr>
<td>Ornamental Trees &amp; Shrubs</td>
<td>2012</td>
<td>489</td>
<td>1,974,000</td>
<td>EA</td>
<td>$14.50</td>
<td>$28,623,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>488</td>
<td>2,009,000</td>
<td>EA</td>
<td>$10.20</td>
<td>$20,492,000</td>
</tr>
<tr>
<td>Miscellaneous*</td>
<td>2012</td>
<td>625</td>
<td></td>
<td></td>
<td></td>
<td>$16,411,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>477</td>
<td></td>
<td></td>
<td></td>
<td>$3,741,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2012</td>
<td>1,896</td>
<td></td>
<td></td>
<td></td>
<td>$109,432,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>1,727</td>
<td></td>
<td></td>
<td></td>
<td>$95,645,000</td>
</tr>
</tbody>
</table>

*Miscellaneous includes: Christmas Trees, Turf, Evergreen Fruit & Nut Shrubs, Perennials and Vegetable Transplants

**Organic Products**

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvested Acres</th>
<th>Per Acre</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Organic Products</td>
<td>2012</td>
<td>4,113</td>
<td></td>
<td>$</td>
<td></td>
<td></td>
<td>$14,572,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>5,312</td>
<td></td>
<td>$</td>
<td></td>
<td></td>
<td>$41,244,000</td>
</tr>
</tbody>
</table>
## Apiary Products

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2012</td>
<td>478,000</td>
<td>LB</td>
<td>$3.10</td>
<td>1,482,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>461,000</td>
<td>LB</td>
<td>$2.50</td>
<td>1,153,000</td>
</tr>
<tr>
<td>Beeswax*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Honey*</td>
<td>2012</td>
<td>4,098,000</td>
<td>LB</td>
<td>$2.05</td>
<td>8,401,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>3,954,000</td>
<td>LB</td>
<td>$1.50</td>
<td>5,931,000</td>
</tr>
<tr>
<td>Pollination</td>
<td>2012</td>
<td>310,000</td>
<td>COL</td>
<td>$155.00</td>
<td>48,050,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>299,352</td>
<td>COL</td>
<td>$145.00</td>
<td>43,406,000</td>
</tr>
<tr>
<td>Queen Bees</td>
<td>2012</td>
<td>11,800</td>
<td>EA</td>
<td>$16.00</td>
<td>189,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>10,200</td>
<td>EA</td>
<td>$15.00</td>
<td>153,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td>58,122,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td></td>
<td></td>
<td>50,643,000</td>
</tr>
</tbody>
</table>

*Honey and Beeswax are based off of resident colonies plus the value of the colonies during almond pollination season.
## Livestock and Poultry

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Number of Head</th>
<th>Total Live Weight</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cattle &amp; Calves, All</strong></td>
<td>2012</td>
<td>326,790</td>
<td></td>
<td></td>
<td></td>
<td>$214,217,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>331,714</td>
<td></td>
<td></td>
<td></td>
<td>$207,649,000</td>
</tr>
<tr>
<td><strong>Beef Feeders</strong>*</td>
<td>2012</td>
<td>135,740</td>
<td></td>
<td></td>
<td></td>
<td>$34,288,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>139,875</td>
<td></td>
<td></td>
<td></td>
<td>$31,315,000</td>
</tr>
<tr>
<td><strong>Beef Slaughter</strong>*</td>
<td>2012</td>
<td>45,800</td>
<td></td>
<td></td>
<td></td>
<td>$17,857,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>47,197</td>
<td></td>
<td></td>
<td></td>
<td>$15,641,000</td>
</tr>
<tr>
<td><strong>Dairy Slaughter</strong>*</td>
<td>2012</td>
<td>75,250</td>
<td></td>
<td></td>
<td></td>
<td>$70,722,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>72,396</td>
<td></td>
<td></td>
<td></td>
<td>$70,674,000</td>
</tr>
<tr>
<td><strong>Dairy Replacement</strong></td>
<td>2012</td>
<td>70,000</td>
<td></td>
<td></td>
<td></td>
<td>$91,350,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>72,246</td>
<td></td>
<td></td>
<td></td>
<td>$90,019,000</td>
</tr>
<tr>
<td><strong>Sheep &amp; Lambs</strong></td>
<td>2012</td>
<td>1,693</td>
<td>2,200</td>
<td>CWT</td>
<td>84.00</td>
<td>$185,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>1,710</td>
<td>2,223</td>
<td>CWT</td>
<td>66.00</td>
<td>$147,000</td>
</tr>
<tr>
<td><strong>Hogs &amp; Pigs</strong></td>
<td>2012</td>
<td>37,800</td>
<td>41,964</td>
<td>CWT</td>
<td>65.00</td>
<td>$2,457,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>34,970</td>
<td></td>
<td>CWT</td>
<td>69.80</td>
<td>$2,929,000</td>
</tr>
<tr>
<td><strong>Chickens, All</strong></td>
<td>2012</td>
<td>184,098,587</td>
<td></td>
<td></td>
<td></td>
<td>$245,771,000</td>
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<td></td>
<td>2011</td>
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<td></td>
<td></td>
<td></td>
<td>$220,080,000</td>
</tr>
<tr>
<td><strong>Chickens</strong></td>
<td>2012</td>
<td>53,045,672</td>
<td>306,186,000</td>
<td>LB</td>
<td>0.67</td>
<td>$205,145,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>49,372,000</td>
<td>282,072,000</td>
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<td>0.64</td>
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</tr>
<tr>
<td><strong>Chicks</strong></td>
<td>2012</td>
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<td></td>
<td>EA</td>
<td>0.31</td>
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</tr>
<tr>
<td></td>
<td>2011</td>
<td>127,594,000</td>
<td></td>
<td>EA</td>
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<td>$39,554,000</td>
</tr>
<tr>
<td><strong>Turkey, All</strong></td>
<td>2012</td>
<td>12,267,946</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>2011</td>
<td>8,773,000</td>
<td></td>
<td></td>
<td></td>
<td>$67,240,000</td>
</tr>
<tr>
<td><strong>Turkeys</strong></td>
<td>2012</td>
<td>2,536,872</td>
<td>69,306,000</td>
<td>LB</td>
<td>0.88</td>
<td>$60,989,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>2,439,000</td>
<td>67,459,000</td>
<td>LB</td>
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<td>$58,689,000</td>
</tr>
<tr>
<td><strong>Poults</strong></td>
<td>2012</td>
<td>9,731,074</td>
<td></td>
<td>EA</td>
<td>1.39</td>
<td>$13,526,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>6,334,000</td>
<td></td>
<td>EA</td>
<td>1.35</td>
<td>$8,551,000</td>
</tr>
<tr>
<td><strong>Squab</strong></td>
<td>2012</td>
<td>509,361</td>
<td></td>
<td>EA</td>
<td>5.04</td>
<td>$2,567,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>518,032</td>
<td></td>
<td>EA</td>
<td>3.68</td>
<td>$1,906,000</td>
</tr>
<tr>
<td><strong>Game Birds</strong>*</td>
<td>2012</td>
<td>10,676</td>
<td></td>
<td>EA</td>
<td>2.34</td>
<td>$25,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>500</td>
<td></td>
<td>EA</td>
<td>10.00</td>
<td>$5,000</td>
</tr>
<tr>
<td><strong>Goats</strong>*</td>
<td>2012</td>
<td>14,040</td>
<td></td>
<td></td>
<td></td>
<td>$507,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>15,066</td>
<td></td>
<td></td>
<td></td>
<td>$524,000</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$540,244,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$500,480,000</td>
</tr>
</tbody>
</table>

*Beef Feeders includes: Feed Lots, Beef Steers, Beef Heifers, Beef Replacement Heifers, Transient Cattle, Dairy Drop Calves less Replacement Heifers

*Beef Slaughter includes: Beef Cows, Beef Bulls, Dairy Beef

*Dairy Slaughter includes: Spent Cows and Bulls

*Game Birds include: Ducks, Geese, Pheasant, Partridge, Quail and Swans

*Goats includes: Dairy Goat Offspring, Dairy Goat Slaughter and Meat Goats. The 2011 Goat Number of Head was adjusted from 11,000 to 15,066.
## Livestock and Poultry Products

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Total</th>
<th>Unit</th>
<th>Per Unit</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk, All</td>
<td>2012</td>
<td>43,476,000</td>
<td></td>
<td></td>
<td>$739,630,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>40,969,000</td>
<td></td>
<td></td>
<td>$766,186,000</td>
</tr>
<tr>
<td>Market</td>
<td>2012</td>
<td>43,323,000</td>
<td>CWT</td>
<td>$17.00</td>
<td>$736,491,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>40,223,000</td>
<td>CWT</td>
<td>$18.69</td>
<td>$751,768,000</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>2012</td>
<td>127,000</td>
<td>CWT</td>
<td>$17.00</td>
<td>$2,159,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>717,000</td>
<td>CWT</td>
<td>$18.66</td>
<td>$13,379,000</td>
</tr>
<tr>
<td>Milk, Goat</td>
<td>2012</td>
<td>26,300</td>
<td>CWT</td>
<td>$37.27</td>
<td>$980,000</td>
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<td></td>
<td>2011</td>
<td>28,500</td>
<td>CWT</td>
<td>$36.46</td>
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<tr>
<td>Eggs, Chicken Market</td>
<td>2012</td>
<td>35,200,000</td>
<td>DOZ</td>
<td>$0.93</td>
<td>$32,736,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>32,230,000</td>
<td>DOZ</td>
<td>$1.00</td>
<td>$32,230,000</td>
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<tr>
<td>Eggs, Turkey Hatching</td>
<td>2012</td>
<td>1,400,000</td>
<td>EA</td>
<td>$0.92</td>
<td>$1,288,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>2,344,000</td>
<td>EA</td>
<td>$0.91</td>
<td>$2,133,000</td>
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<tr>
<td>Eggs, Quail*</td>
<td>2012</td>
<td>41,600</td>
<td>10 PACK</td>
<td>$0.54</td>
<td>$22,500</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>29,000</td>
<td>10 PACK</td>
<td>$0.72</td>
<td>$21,000</td>
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<tr>
<td>Eggs, Duck</td>
<td>2012</td>
<td>70,800</td>
<td>DOZ</td>
<td>$4.00</td>
<td>$283,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>83,000</td>
<td>DOZ</td>
<td>$4.00</td>
<td>$332,000</td>
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<tr>
<td>Wool</td>
<td>2012</td>
<td>13,500</td>
<td>LB</td>
<td>$1.60</td>
<td>$21,600</td>
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<td>2011</td>
<td>13,680</td>
<td>LB</td>
<td>$1.67</td>
<td>$22,850</td>
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<tr>
<td>Manure</td>
<td>2012</td>
<td>674,000</td>
<td>TON</td>
<td>$6.93</td>
<td>$4,671,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>957,541</td>
<td>TON</td>
<td>$6.68</td>
<td>$6,396,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2012</td>
<td></td>
<td></td>
<td></td>
<td>$778,652,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td></td>
<td></td>
<td>$807,321,000</td>
</tr>
</tbody>
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## Summary of Categories

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Harvest Acreage</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit and Nut Crops</td>
<td>2012</td>
<td>227,113</td>
<td>$1,264,991,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>211,638</td>
<td>$1,061,047,000</td>
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<tr>
<td>Vegetable Crops</td>
<td>2012</td>
<td>47,372</td>
<td>$186,907,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>51,949</td>
<td>$186,420,000</td>
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<tr>
<td>Field Crops</td>
<td>2012</td>
<td>725,515</td>
<td>$297,856,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>763,316</td>
<td>$319,359,000</td>
</tr>
<tr>
<td>Other Agriculture</td>
<td>2012</td>
<td></td>
<td>$25,801,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td>$26,194,000</td>
</tr>
<tr>
<td>Seed Crops</td>
<td>2012</td>
<td>986</td>
<td>$1,266,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>889</td>
<td>$1,470,000</td>
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<tr>
<td>Nursery Products</td>
<td>2012</td>
<td>1,896</td>
<td>$109,432,000</td>
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<tr>
<td></td>
<td>2011</td>
<td>1,727</td>
<td>$95,645,000</td>
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<tr>
<td>Organic Products</td>
<td>2012</td>
<td>4,113</td>
<td>$14,572,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>5,312</td>
<td>$41,244,000</td>
</tr>
<tr>
<td>Apiary Products</td>
<td>2012</td>
<td></td>
<td>$58,122,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td>$50,643,000</td>
</tr>
<tr>
<td>Livestock and Poultry</td>
<td>2012</td>
<td></td>
<td>$540,244,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td>$500,480,000</td>
</tr>
<tr>
<td>Livestock and Poultry Products</td>
<td>2012</td>
<td></td>
<td>$778,652,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td></td>
<td>$807,321,000</td>
</tr>
<tr>
<td>TOTAL</td>
<td>2012</td>
<td>1,066,995</td>
<td>$3,277,843,000</td>
</tr>
<tr>
<td></td>
<td>2011</td>
<td>1,034,831</td>
<td>$3,069,823,000</td>
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### 50 Years of Production Summary Totals

<table>
<thead>
<tr>
<th>Year</th>
<th>Harvest Acreage</th>
<th>Total</th>
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<tbody>
<tr>
<td>1963</td>
<td>$158,551,000</td>
<td></td>
</tr>
<tr>
<td>1964</td>
<td>$167,878,000</td>
<td></td>
</tr>
<tr>
<td>1965</td>
<td>$165,546,000</td>
<td></td>
</tr>
<tr>
<td>1966</td>
<td>$192,813,000</td>
<td></td>
</tr>
<tr>
<td>1967</td>
<td>$193,723,000</td>
<td></td>
</tr>
<tr>
<td>1968</td>
<td>$199,311,000</td>
<td></td>
</tr>
<tr>
<td>1969</td>
<td>$220,454,000</td>
<td></td>
</tr>
<tr>
<td>1970</td>
<td>$237,210,000</td>
<td></td>
</tr>
<tr>
<td>1971</td>
<td>$243,287,000</td>
<td></td>
</tr>
<tr>
<td>1972</td>
<td>$269,541,000</td>
<td></td>
</tr>
<tr>
<td>1973</td>
<td>$379,530,000</td>
<td></td>
</tr>
<tr>
<td>1974</td>
<td>$409,538,000</td>
<td></td>
</tr>
<tr>
<td>1975</td>
<td>$397,311,000</td>
<td></td>
</tr>
<tr>
<td>1976</td>
<td>$423,761,000</td>
<td></td>
</tr>
<tr>
<td>1977</td>
<td>$501,367,000</td>
<td></td>
</tr>
<tr>
<td>1978</td>
<td>$533,376,000</td>
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</tr>
<tr>
<td>1979</td>
<td>$706,595,000</td>
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</tr>
<tr>
<td>1980</td>
<td>$743,584,000</td>
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</tr>
<tr>
<td>1981</td>
<td>$781,185,000</td>
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</tr>
<tr>
<td>1982</td>
<td>$743,637,000</td>
<td></td>
</tr>
<tr>
<td>1983</td>
<td>$720,740,000</td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>$794,623,000</td>
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<tr>
<td>1985</td>
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<tr>
<td>1986</td>
<td>$790,764,000</td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>$881,306,000</td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>$957,568,000</td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td>$963,891,000</td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td>$1,038,356,000</td>
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</tr>
<tr>
<td>1991</td>
<td>$1,070,154,000</td>
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</tr>
<tr>
<td>1992</td>
<td>$1,073,930,000</td>
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</tr>
<tr>
<td>1993</td>
<td>$1,147,140,000</td>
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</tr>
<tr>
<td>1994</td>
<td>$1,115,316,000</td>
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</tr>
<tr>
<td>1995</td>
<td>$1,115,492,000</td>
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</tr>
<tr>
<td>1996</td>
<td>$1,254,633,000</td>
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</tr>
<tr>
<td>1997</td>
<td>$1,316,942,000</td>
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<tr>
<td>1998</td>
<td>$1,302,714,000</td>
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<tr>
<td>1999</td>
<td>$1,210,211,000</td>
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<tr>
<td>2000</td>
<td>$1,197,302,000</td>
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<tr>
<td>2001</td>
<td>$1,353,300,000</td>
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<tr>
<td>2002</td>
<td>$1,367,971,000</td>
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<tr>
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<td>$1,306,995</td>
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<tr>
<td>2004</td>
<td>$1,454,922,000</td>
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</tr>
<tr>
<td>2005</td>
<td>$1,978,434,000</td>
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</tr>
<tr>
<td>2006</td>
<td>$2,148,152,000</td>
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</tr>
<tr>
<td>2007</td>
<td>$3,069,823,000</td>
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</tr>
<tr>
<td>2008</td>
<td>$2,473,843,000</td>
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<td>2009</td>
<td>$2,312,669,000</td>
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<tr>
<td>2010</td>
<td>$2,572,434,000</td>
<td></td>
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<tr>
<td>2011</td>
<td>$3,069,823,000</td>
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</tr>
<tr>
<td>2012</td>
<td>$3,277,843,000</td>
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</table>
## Top Ten Commodities

<table>
<thead>
<tr>
<th>Category</th>
<th>2012 Rank</th>
<th>2012 Value</th>
<th>2011 Rank</th>
<th>2011 Value</th>
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</thead>
<tbody>
<tr>
<td>Milk, All</td>
<td>1</td>
<td>$739,630,000</td>
<td>1</td>
<td>$766,186,000</td>
</tr>
<tr>
<td>Almonds</td>
<td>2</td>
<td>$735,826,000</td>
<td>2</td>
<td>$628,320,000</td>
</tr>
<tr>
<td>Chickens, All</td>
<td>3</td>
<td>$245,771,000</td>
<td>3</td>
<td>$220,080,000</td>
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<tr>
<td>Cattle &amp; Calves, All</td>
<td>4</td>
<td>$214,217,000</td>
<td>4</td>
<td>$207,649,000</td>
</tr>
<tr>
<td>Walnuts</td>
<td>5</td>
<td>$213,600,000</td>
<td>5</td>
<td>$175,740,000</td>
</tr>
<tr>
<td>Silage, All</td>
<td>6</td>
<td>$148,557,000</td>
<td>6</td>
<td>$156,311,000</td>
</tr>
<tr>
<td>Tomatoes, All</td>
<td>7</td>
<td>$121,148,000</td>
<td>7</td>
<td>$91,014,000</td>
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<tr>
<td>Grapes, All</td>
<td>8</td>
<td>$82,439,000</td>
<td>-</td>
<td>$56,441,000</td>
</tr>
<tr>
<td>Turkeys, All</td>
<td>9</td>
<td>$74,515,000</td>
<td>10</td>
<td>$67,240,000</td>
</tr>
<tr>
<td>Deciduous Fruit &amp; Nut Nursery</td>
<td>10</td>
<td>$64,398,000</td>
<td>8</td>
<td>$71,412,000</td>
</tr>
</tbody>
</table>

### Chart: 2011 vs 2012 Value Comparison

- **2011 Value**
- **2012 Value**
In 2012, Stanislaus County Issued 8,800 Export Certificates for 121 Commodities

Top Exports for 2012

Exports by Country

Afghanistan  Afghanistan
Algeria       Algeria
Argentina     Argentina
Australia     Australia
Austria       Austria
Azerbaijan    Azerbaijan
Bahrain       Bahrain
Barbados      Barbados
Belgium       Belgium
Belize        Belize
Bolivia, Plurinational State of Bolivia
Bosnia and Herzegovina
Brazil        Brazil
Bulgaria      Bulgaria
Burkina Faso  Burkina Faso
Canada        Canada
Chad          Chad
Chile         Chile
China         China
Colombia      Colombia
Costa Rica    Costa Rica
Croatia       Croatia
Cyprus        Cyprus
Czech Republic Czech Republic
Denmark       Denmark
Dominican Republic Dominican Republic
Ecuador       Ecuador
Egypt         Egypt
El Salvador   El Salvador
Ethiopia      Ethiopia
Finland       Finland
France        France
French Polynesia French Polynesia
Georgia       Georgia
Germany       Germany
Greece        Greece
Guatemala     Guatemala
Guyana        Guyana
Honduras      Honduras
Hong Kong     Hong Kong
Hungary       Hungary
India         India
Indonesia     Indonesia
Iran, Islamic Republic of Iran
Iraq          Iraq
Ireland       Ireland
Israel        Israel
Italy         Italy
Jamaica       Jamaica
Japan         Japan
Jordan        Jordan
Kazakhstan    Kazakhstan
Kenya         Kenya
Korea, Democratic People's Republic of Korea
Korea, Republic of Korea
Kuwait        Kuwait
Latvia        Latvia
Lebanon       Lebanon
Libya         Libya
Libyan Arab Jamahiriya Libyan Arab Jamahiriya
Lithuania     Lithuania
Malaysia      Malaysia
Malta         Malta
Mauritius     Mauritius
Mexico        Mexico
Morocco       Morocco
Nepal         Nepal
Netherlands   Netherlands
Netherlands Antilles Netherlands Antilles
New Caledonia New Caledonia
New Zealand   New Zealand
Nicaragua     Nicaragua
Norway        Norway
Oman          Oman
Pakistan      Pakistan
Panama        Panama
Peru          Peru
Philippines   Philippines
Poland        Poland
Portugal      Portugal
Qatar         Qatar
Russian Federation Russian Federation
Saudi Arabia  Saudi Arabia
Serbia        Serbia
Singapore     Singapore
Slovakia     Slovakia
Slovenia      Slovenia
Somalia       Somalia
South Africa  South Africa
Spain         Spain
Sri Lanka     Sri Lanka
Sudan         Sudan
Sweden        Sweden
Switzerland   Switzerland
Syrian Arab Republic Syrian Arab Republic
Taiwan        Taiwan
Thailand      Thailand
Trinidad and Tobago Trinidad and Tobago
Tunisia       Tunisia
Turkey        Turkey
Ukraine       Ukraine
United Arab Emirates United Arab Emirates
United Kingdom United Kingdom
Uruguay       Uruguay
Venezuela, Bolivarian Republic of Venezuela, Bolivarian Republic of
Viet Nam      Viet Nam
Yemen         Yemen
To protect the agricultural and horticultural industries in Stanislaus County, various traps are placed to monitor for specific insects. Trapping allows for the possible early detection of invasive and destructive pests that would be detrimental to our economy, the environment, and our health.

<table>
<thead>
<tr>
<th>Pest</th>
<th># of Traps</th>
<th>Crops Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mediterranean Fruit Fly</td>
<td>439</td>
<td>Walnut, tomato, apple, almond, plum, peach, nectarine, pear, grape, orange, lemon, grapefruit, fig, pomegranate, kumquat and olive</td>
</tr>
<tr>
<td>Mexican Fruit Fly</td>
<td>221</td>
<td>Apple, apricot, citrus, pear, plum, peach, nectarine and pomegranate</td>
</tr>
<tr>
<td>General Fruit Fly</td>
<td>85</td>
<td>Citrus, stone fruit and pome fruit</td>
</tr>
<tr>
<td>Light Brown Apple Moth</td>
<td>439</td>
<td>Alfalfa, almond, apple, berries, broccoli, citrus, corn, grape, olive, stone fruit and tomatoes</td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td>201</td>
<td>Turf and roses</td>
</tr>
<tr>
<td>Gypsy Moth</td>
<td>201</td>
<td>Most trees</td>
</tr>
<tr>
<td>Oriental Fruit Fly</td>
<td>221</td>
<td>Apple, citrus, cucumber, fig, grape, pear, pomegranate, stone fruit, tomato and walnut</td>
</tr>
<tr>
<td>Melon Fly</td>
<td>221</td>
<td>Peaches, oranges, beans, tomato, cucumber, apple, cantaloupe, grape, pear and watermelon</td>
</tr>
<tr>
<td>Glassy-winged Sharpshooter</td>
<td>2,186</td>
<td>Grape, almond, peach and citrus / vector for Pierce’s Disease</td>
</tr>
<tr>
<td>Apple Maggot</td>
<td>70</td>
<td>Stone fruit and pome fruit</td>
</tr>
<tr>
<td>Vine Mealy Bug</td>
<td>35</td>
<td>Grapes</td>
</tr>
<tr>
<td>Khapra Beetle</td>
<td>250</td>
<td>Grain and grain products</td>
</tr>
<tr>
<td>European Corn Borer</td>
<td>16</td>
<td>Corn, potatoes, oat, green bean, and rhubarb</td>
</tr>
<tr>
<td>Asian Citrus Psylid</td>
<td>849</td>
<td>Citrus</td>
</tr>
<tr>
<td>European Grapevine Moth</td>
<td>321</td>
<td>Grapes and spurge laurel</td>
</tr>
<tr>
<td>Red Imported Fire Ant</td>
<td>Survey &amp; Treat</td>
<td>May infest agricultural and residential settings, as well as natural habitats-dangerous to children, pets, elderly and wildlife</td>
</tr>
</tbody>
</table>

Our survey includes traps to check for the Glassy-winged Sharpshooter (GWSS). Traps are set out at nurseries and residential sites, and inspections are done of all incoming plant shipments originating from GWSS infested counties.
EMPLOYEES
of the Stanislaus County Agricultural Commissioner’s Office

Our Mission

“Support and Protect the well-being of Agriculture, Business and the Community”
Agricultural Commissioner/Sealer of Weights & Measures
Milton O’Haire

Assistant Agricultural Commissioner/Sealer
Daniel Bernaciak

Deputy Agricultural Commissioner/Sealer
Kamal Bagri    Steve Logan    Tim Pelican

Agricultural/Weights & Measures Inspectors
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Anna Genasci    Harinder Grewal    Deana Guerrero
Richard T. Homer    Isaiah Pagani    Forrest Meares
Kim Reed    Hector Rodriguez    Kelle Schroeder
Becky Van Cleave

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Susan Azevedo

Agricultural Assistant II
Bertha Castillo    Cassy Costa    Tina Graver

Software Developer/Analyst II
Nathan Leon

Agricultural Facility Coordinator
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