

# Stanislaus County Agricultural Crop Report 2006







"Honeybees are a critical component of Stanislaus County agriculture. As honeybees visit blossoms to gather the nectar and pollen necessary for their survival, they help agricultural crops, home gardens and habitats flourish. Without the honeybees' pollination work, the quantity and quality of many crops would be reduced and some would not yield at all. In fact, approximately one-third of the total human diet is directly or indirectly derived from insect pollinated plants (fruits, legumes and vegetables).

Stanislaus County's largest benefactors of honeybee pollination include almonds, tree fruit and melons. Bees also pollinate seed alfalfa, which provides hay for the county's large dairy industry."

*Orin Johnson, President  
California State Beekeepers Association, Inc.*

In addition to hives provided by California bee keepers to Stanislaus County growers, honeybee hives are imported into Stanislaus County for the pollination season from all over the United States including, North Dakota, Oregon, Washington, Montana, Utah, Wyoming, and Nebraska. Stanislaus County Agricultural inspectors inspected more than 186,000 out-of-state hives this year. There are approximately 7,100 hives registered in Stanislaus County.

# Stanislaus County Department of Agriculture

## *2006 Annual Crop Report*

The Honorable Board of Supervisors  
County of Stanislaus

Bill O'Brien, Chairman  
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Jeff Grover  
Dick Monteith  
Jim DeMartini

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Supervisor District 2  
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Dennis Gudgel  
Agricultural Commissioner/Sealer

July 26, 2007

A.G. Kawamura, Secretary  
State of California  
Department of Food and Agriculture  
1220 N Street, Room 409  
Sacramento, California 95814

The Honorable Board of Supervisors  
Stanislaus County  
1010 Tenth Street  
Modesto, California 95354

The Stanislaus County Agricultural Crop Report for 2006 is hereby submitted in compliance with Section 2279 of the California Food and Agricultural Code.

The gross agricultural income for 2006 is \$2,148,152,000. This figure represents an increase of \$170,557,000 from the 2005 gross production value of \$1,977,595,000. The Vegetable Seed category decreased approximately 24%, and the Livestock and Poultry Products category decreased approximately 12%. Categories posting significant gains were Field Crops (approximately 13%), Nursery Products (approximately 23%), and Livestock and Poultry (approximately 57%).

It must be noted that these are gross figures and do not indicate net profit. Also, figures shown do not reflect on any individual operation since the whole county is the smallest unit measured for any particular commodity.

We wish to express our appreciation to the many persons who contributed to the preparation of this document. Special thanks go to the staff of the Department of Agriculture, particularly Ann Juette who compiled this report, Victor Perry who assisted in gathering information, Cynthia Darmstandler, and Dalila Barron who prepared the information for publication.

Respectfully,



DENNIS GUDGEL  
Agricultural Commissioner/Sealer  
Department of Agriculture  
Stanislaus County



ED PERRY  
Acting County Director  
Cooperative Extension  
Stanislaus County

## FRUIT AND NUT CROPS



|                        | <i>Production</i> |                           |             |         | <i>Value</i> |             |                |
|------------------------|-------------------|---------------------------|-------------|---------|--------------|-------------|----------------|
|                        | HARVESTED<br>YEAR | ACRES                     | PER<br>ACRE | TOTAL   | UNIT         | PER UNIT    | TOTAL          |
| Almond Meat            | 2006              | 98,700                    | 0.89        | 87,800  | Ton          | \$ 4,800.00 | \$ 421,440,000 |
|                        | 2005              | 97,300                    | 0.84        | 81,700  | Ton          | 5,790.00    | 473,043,000    |
| Almond Hulls           | 2006              |                           |             | 102,000 | Ton          | 92.00       | 9,384,000      |
|                        | 2005              |                           |             | 109,300 | Ton          | 94.80       | 10,362,000     |
| Apples                 | 2006              | 1,070                     | 10.14       | 10,800  | Ton          | 711.00      | 7,678,000      |
|                        | 2005              | 1,350                     | 12.80       | 17,300  | Ton          | 463.00      | 8,010,000      |
| Apricots               | 2006              | 5,000                     | 6.43        | 32,200  | Ton          | 375.00      | 12,075,000     |
|                        | 2005              | 5,000                     | 8.60        | 43,000  | Ton          | 392.00      | 16,856,000     |
| Cherries               | 2006              | 1,900                     | 2.23        | 4,200   | Ton          | 3,904.00    | 16,397,000     |
|                        | 2005              | 2,000                     | 2.19        | 4,380   | Ton          | 3,545.00    | 15,527,000     |
| Citrus                 | 2006              | 356                       | 15.00       | 5,340   | Ton          | 450.00      | 2,403,000      |
|                        | 2005              | Included in Miscellaneous |             |         |              |             |                |
| Grapes, All            | 2006              | 12,300                    |             |         |              |             | 36,805,000     |
|                        | 2005              | 10,100                    |             |         |              |             | 28,360,000     |
| <i>Red Varieties</i>   | 2006              | 6,400                     | 9.45        | 60,500  | Ton          | 357.00      | 21,599,000     |
|                        | 2005              | 5,200                     | 9.30        | 48,400  | Ton          | 340.00      | 16,456,000     |
| <i>White Varieties</i> | 2006              | 5,900                     | 9.76        | 57,600  | Ton          | 264.00      | 15,206,000     |
|                        | 2005              | 4,900                     | 9.80        | 48,000  | Ton          | 248.00      | 11,904,000     |
| Nectarines             | 2006              | 236                       | 3.00        | 700     | Ton          | 1,347.00    | 943,000        |
|                        | 2005              | 450                       | 3.80        | 1,710   | Ton          | 1,230.00    | 2,103,000      |
| Peaches, All           | 2006              | 9,020                     |             |         |              |             | 62,097,000     |
|                        | 2005              | 8,040                     |             |         |              |             | 46,273,000     |
| <i>Cling</i>           | 2006              | 7,120                     | 20.00       | 142,400 | Ton          | 276.00      | 39,302,000     |
|                        | 2005              | 6,350                     | 18.90       | 120,000 | Ton          | 244.00      | 29,280,000     |
| <i>Freestone</i>       | 2006              | 1,900                     | 20.49       | 38,900  | Ton          | 586.00      | 22,795,000     |
|                        | 2005              | 1,690                     | 17.10       | 28,900  | Ton          | 588.00      | 16,993,000     |
| Walnuts, Inshell       | 2006              | 27,300                    | 2.00        | 54,600  | Ton          | 1,603.00    | 87,524,000     |
|                        | 2005              | 26,700                    | 1.90        | 50,700  | Ton          | 1,584.00    | 80,309,000     |
| Miscellaneous *        | 2006              | 1,000                     |             |         | Acre         |             | 3,255,000      |
|                        | 2005              | 1,200                     |             |         | Acre         |             | 6,054,000      |
| Total                  | 2006              | 157,000                   |             |         |              |             | \$ 660,001,000 |
|                        | 2005              | 152,000                   |             |         |              |             | 686,897,000    |

\* Miscellaneous includes Berries, Chestnut, Fig, Kiwi, Olive, Pear, Pecan, Persimmon, Pistachio, Plum, Pluot, Pomegranate, Prune, and Quince.

## FIELD CROPS



|                    | <i>Production</i> |                 |          |         | <i>Value</i> |           |            |
|--------------------|-------------------|-----------------|----------|---------|--------------|-----------|------------|
|                    | YEAR              | HARVESTED ACRES | PER ACRE | TOTAL   | UNIT         | PER UNIT  | TOTAL      |
| Barley             | 2006              | 230             | 1.20     | 280     | Ton          | \$ 100.00 | \$ 28,000  |
|                    | 2005              | 490             | 1.56     | 764     | Ton          | 103.00    | 78,700     |
| Beans, All         | 2006              | 16,300          |          |         |              |           | 17,566,000 |
|                    | 2005              | 11,900          |          |         |              |           | 11,929,000 |
| <i>Blackeyes</i>   | 2006              | 1,200           | 1.23     | 1,480   | Ton          | 782.00    | 1,157,000  |
|                    | 2005              | 2,800           | 1.40     | 3,920   | Ton          | 676.00    | 2,650,000  |
| <i>Baby Limas</i>  | 2006              | 1,400           | 1.40     | 1,960   | Ton          | 890.00    | 1,744,000  |
|                    | 2005              | 3,100           | 1.31     | 4,060   | Ton          | 707.00    | 2,870,000  |
| <i>Large Limas</i> | 2006              | 1,700           | 1.16     | 1,970   | Ton          | 1,200.00  | 2,364,000  |
|                    | 2005              | 5,400           | 1.28     | 6,910   | Ton          | 854.00    | 5,901,000  |
| <i>Others</i>      | 2006              | 12,000          | 1.41     | 16,920  | Ton          | 727.00    | 12,301,000 |
|                    | 2005              | 600             | 1.10     | 660     | Ton          | 769.00    | 508,000    |
| Hay, Alfalfa       | 2006              | 35,000          | 9.00     | 315,000 | Ton          | 150.00    | 47,250,000 |
|                    | 2005              | 35,000          | 8.55     | 299,000 | Ton          | 147.00    | 43,953,000 |
| Hay, Grain         | 2006              | 29,800          | 4.49     | 133,800 | Ton          | 70.00     | 9,366,000  |
|                    | 2005              | 24,200          | 3.57     | 86,400  | Ton          | 98.89     | 8,544,000  |
| Pasture, Irrigated | 2006              | 72,000          |          |         | Acre         | 158.00    | 11,376,000 |
|                    | 2005              | 72,000          |          |         | Acre         | 134.00    | 9,648,000  |
| Rangeland          | 2006              | 349,000         |          |         | Acre         | 43.17     | 15,066,000 |
|                    | 2005              | 349,000         |          |         | Acre         | 28.50     | 9,947,000  |
| Rice               | 2006              | 1,760           | 3.41     | 6,000   | Ton          | 245.20    | 1,471,000  |
|                    | 2005              | 1,060           | 3.70     | 3,920   | Ton          | 224.00    | 878,000    |



## FIELD CROPS (Cont.)



|                 | YEAR | <i>Production</i> |          |           | <i>Value</i> |          |                |
|-----------------|------|-------------------|----------|-----------|--------------|----------|----------------|
|                 |      | HARVESTED ACRES   | PER ACRE | TOTAL     | UNIT         | PER UNIT | TOTAL          |
| Silage, All     | 2006 | 123,700           |          |           | Ton          |          | \$ 59,864,000  |
|                 | 2005 | 102,300           |          |           | Ton          |          | 59,928,000     |
| <i>Cereal</i>   | 2006 | 67,000            | 10.27    | 688,000   | Ton          | \$ 21.72 | 14,943,000     |
|                 | 2005 | 38,800            | 13.00    | 504,000   | Ton          | 20.70    | 10,433,000     |
| <i>Corn</i>     | 2006 | 56,700            | 27.32    | 1,549,000 | Ton          | 29.00    | 44,921,000     |
|                 | 2005 | 63,500            | 27.00    | 1,715,000 | Ton          | 28.86    | 49,495,000     |
| Sudan           | 2006 | 4,100             | 6.46     | 26,500    | Ton          | 60.00    | 1,590,000      |
|                 | 2005 | 3,900             | 9.38     | 36,580    | Ton          | 29.39    | 1,075,000      |
| Wheat           | 2006 | 3,800             | 3.21     | 12,200    | Ton          | 127.29   | 1,553,000      |
|                 | 2005 | 3,600             | 2.62     | 9,430     | Ton          | 125.00   | 1,179,000      |
| Miscellaneous * | 2006 | 6,176             |          |           | Acre         |          | 2,446,000      |
|                 | 2005 | 1,169             |          |           | Acre         |          | 584,500        |
| Total           | 2006 | 642,000           |          |           |              |          | \$ 167,576,000 |
|                 | 2005 | 605,000           |          |           |              |          | 147,744,000    |

\*Miscellaneous includes Barley, Forage Mix, Grass Hay, Rye, Straw, Sugarbeet and Vetch.





## VEGETABLE CROPS



|                    | <i>Production</i> |                 |          |        | <i>Value</i> |           |              |
|--------------------|-------------------|-----------------|----------|--------|--------------|-----------|--------------|
|                    | YEAR              | HARVESTED ACRES | PER ACRE | TOTAL  | UNIT         | PER UNIT  | TOTAL        |
| Beans, Succulent   | 2006              | 2,140           | 1.90     | 4,070  | Ton          | \$ 500.00 | \$ 2,035,000 |
|                    | 2005              | 2,950           | 2.15     | 6,340  | Ton          | 462.00    | 2,929,000    |
| Broccoli           | 2006              | 2,940           | 5.50     | 16,170 | Ton          | 380.00    | 6,145,000    |
|                    | 2005              | 2,850           | 4.50     | 12,830 | Ton          | 378.00    | 4,850,000    |
| Cauliflower        | 2006              | 730             | 5.00     | 3,650  | Ton          | 500.00    | 1,825,000    |
|                    | 2005              | 1,600           | 3.79     | 6,060  | Ton          | 477.00    | 2,891,000    |
| Melons, All        | 2006              | 1,898           |          |        |              |           | 6,536,000    |
|                    | 2005              | 1,975           |          |        |              |           | 4,966,000    |
| <i>Cantaloupe</i>  | 2006              | 1,410           | 13.50    | 19,000 | Ton          | 220.00    | 4,180,000    |
|                    | 2005              | 1,320           | 12.70    | 16,800 | Ton          | 200.00    | 3,360,000    |
| <i>Other, Musk</i> | 2006              | 177             | 5.50     | 1,000  | Ton          | 273.00    | 273,000      |
|                    | 2005              | 355             | 7.61     | 2,700  | Ton          | 237.00    | 640,000      |
| <i>Watermelon</i>  | 2006              | 311             | 25.00    | 7,800  | Ton          | 267.00    | 2,083,000    |
|                    | 2005              | 300             | 23.00    | 6,900  | Ton          | 140.00    | 966,000      |
| Pumpkins           | 2006              | 111             | 18.92    | 2,100  | Ton          | 270.00    | 567,000      |
|                    | 2005              | 194             | 9.69     | 1,900  | Ton          | 180.00    | 342,000      |
| Spices/Herbs       | 2006              | 1,230           | 2.50     | 3,100  | Ton          | 780.00    | 2,418,000    |
|                    | 2005              | 6,060           | 2.90     | 17,600 | Ton          | 684.00    | 12,038,000   |
| Spinach            | 2006              | 2,334           | 12.00    | 28,000 | Ton          | 150.00    | 4,200,000    |
|                    | 2005              | 1,865           | 11.50    | 21,400 | Ton          | 108.00    | 2,311,000    |
| Squash             | 2006              | 510             | 19.57    | 9,980  | Ton          | 185.00    | 1,846,000    |
|                    | 2005              | 300             | 18.70    | 5,600  | Ton          | 222.00    | 1,243,000    |





## VEGETABLE CROPS (Cont.)



|                   | YEAR | <i>Production</i> |          | <i>Value</i> |      |           |               |
|-------------------|------|-------------------|----------|--------------|------|-----------|---------------|
|                   |      | HARVESTED ACRES   | PER ACRE | TOTAL        | UNIT | PER UNIT  | TOTAL         |
| Sweet Potatoes    | 2006 | 545               | 15.00    | 8,200        | Ton  | \$ 250.00 | \$ 2,050,000  |
|                   | 2005 | 561               | 18.70    | 10,500       | Ton  | 502.00    | 5,271,000     |
| Tomatoes, All     | 2006 | 17,396            |          |              |      |           | 44,084,000    |
|                   | 2005 | 14,198            |          |              |      |           | 33,961,000    |
| <i>Fresh</i>      | 2006 | 1,816             | 10.74    | 19,500       | Ton  | 546.00    | 10,647,000    |
|                   | 2005 | 1,658             | 11.45    | 19,000       | Ton  | 552.00    | 10,488,000    |
| <i>Processing</i> | 2006 | 15,580            | 37.00    | 576,500      | Ton  | 58.00     | 33,437,000    |
|                   | 2005 | 12,540            | 36.00    | 451,000      | Ton  | 52.00     | 23,473,000    |
| Miscellaneous *   | 2006 | 4,100             |          |              |      |           | 21,533,000    |
|                   | 2005 | 7,300             |          |              |      |           | 20,652,000    |
| Total             | 2006 | 33,900            |          |              |      |           | \$ 93,239,000 |
|                   | 2005 | 39,900            |          |              |      |           | 91,454,000    |

\*Miscellaneous minor vegetable crops.

## SEED CROPS



|           | YEAR |                 |      | <i>Value</i> |           |  |
|-----------|------|-----------------|------|--------------|-----------|--|
|           |      | HARVESTED ACRES | UNIT | PER UNIT     | TOTAL     |  |
| Vegetable | 2006 | 157             | Acre | \$3,100.00   | \$487,000 |  |
|           | 2005 | 175             | Acre | 3,520.00     | 616,000   |  |
| Other     | 2006 | 297             | Acre | 437.00       | 130,000   |  |
|           | 2005 | 350             | Acre | 553.00       | 194,000   |  |
| Total     | 2006 | 454             |      |              | \$617,000 |  |
|           | 2005 | 525             |      |              | 810,000   |  |

## NURSERY PRODUCTS



|                                   | <i>Production</i> |             |               |      | <i>Value</i> |               |
|-----------------------------------|-------------------|-------------|---------------|------|--------------|---------------|
|                                   | YEAR              | FIELD ACRES | QUANTITY SOLD | UNIT | PER UNIT     | TOTAL         |
| Deciduous Fruit & Nut Trees/Vines | 2006              | 560         | 7,370,000     | Ea.  | \$ 7.47      | \$ 55,054,000 |
|                                   | 2005              | 652         | 8,581,000     | Ea.  | 4.75         | 40,760,000    |
| Ornamental Trees & Shrubs         | 2006              | 363         | 1,940,000     | Ea.  | 9.33         | 18,100,000    |
|                                   | 2005              | 425         | 2,360,000     | Ea.  | 8.19         | 19,328,000    |
| Miscellaneous *                   | 2006              | 1,200       |               |      |              | 14,197,000    |
|                                   | 2005              | 1,267       |               |      |              | 11,152,000    |
| Total                             | 2006              | 2,123       |               |      |              | \$ 87,351,000 |
|                                   | 2005              | 2,344       |               |      |              | 71,240,000    |

\*Miscellaneous includes Agricultural Vines, Evergreen Fruit & Nut Shrubs, Perennials and Vegetable Transplants.

## APIARY PRODUCTS



|             | <i>Production</i> |         |      | <i>Value</i> |               |
|-------------|-------------------|---------|------|--------------|---------------|
|             | YEAR              | TOTAL   | UNIT | UNIT         | TOTAL         |
| Beeswax     | 2006              | 3,200   | Lbs  | \$ 1.77      | \$ 5,660      |
|             | 2005              | 4,800   | Lbs  | 1.62         | 7,780         |
| Bulk Bees   | 2006              |         | Lbs  |              |               |
|             | 2005              | 1,100   | Lbs  | 10.00        | 11,000        |
| Honey       | 2006              | 145,000 | Lbs  | 0.86         | 125,000       |
|             | 2005              | 178,000 | Lbs  | 0.73         | 130,000       |
| Pollination | 2006              | 103,000 | Col  | 121.42       | 12,506,000    |
|             | 2005              | 146,000 | Col  | 80.96        | 11,820,000    |
| Queen Bees  | 2006              | 9,000   | Each | 12.00        | 108,000       |
|             | 2005              | 8,000   | Each | 9.50         | 76,000        |
| Total       | 2006              |         |      |              | \$ 12,745,000 |
|             | 2005              |         |      |              | 12,045,000    |

# LIVESTOCK AND POULTRY



|                          | YEAR | <i>Production</i> |                  | <i>Value</i> |           |                       |
|--------------------------|------|-------------------|------------------|--------------|-----------|-----------------------|
|                          |      | NUMBER OF HEAD    | TOTAL LIVEWEIGHT | UNIT         | PER UNIT  | TOTAL                 |
| Cattle & Calves, All     | 2006 | 445,000           |                  |              |           | \$ 350,981,000        |
|                          | 2005 | 248,000           |                  |              |           | 196,253,000           |
| <i>Beef Feeders</i>      | 2006 | 218,000           | 959,000          | Cwt          | \$ 105.38 | 101,059,000           |
|                          | 2005 | 123,000           | 545,000          | Cwt          | 107.50    | 58,588,000            |
| <i>Beef Slaughter</i>    | 2006 | 37,800            | 250,300          | Cwt          | 94.39     | 23,626,000            |
|                          | 2005 | 21,100            | 123,300          | Cwt          | 78.50     | 9,679,000             |
| <i>Dairy Slaughter</i>   | 2006 | 97,900            | 1,336,600        | Cwt          | 50.77     | 67,859,000            |
|                          | 2005 | 51,900            | 649,300          | Cwt          | 44.10     | 28,634,000            |
| <i>Dairy Replacement</i> | 2006 | 91,200            |                  | Ea.          | 1,737.25  | 158,437,000           |
|                          | 2005 | 51,800            |                  | Ea.          | 1,918.00  | 99,352,000            |
| Sheep & Lambs            | 2006 | 2,900             | 3,890            | Cwt          | 107.00    | 416,000               |
|                          | 2005 | 3,100             | 4,420            | Cwt          | 95.52     | 422,000               |
| Hogs & Pigs              | 2006 | 24,700            | 54,600           | Cwt          | 70.00     | 3,822,000             |
|                          | 2005 | 23,100            | 36,200           | Cwt          | 66.62     | 2,412,000             |
| Chickens, All            | 2006 | 205,465,000       |                  |              |           | 218,496,000           |
|                          | 2005 | 207,338,000       |                  |              |           | 161,480,000           |
| <i>Chickens</i>          | 2006 | 57,734,000        | 307,530,000      | Lbs          | 0.60      | 184,518,000           |
|                          | 2005 | 56,517,000        | 295,019,000      | Lbs          | 0.44      | 129,808,000           |
| <i>Chicks</i>            | 2006 | 147,731,000       |                  | Each         | 0.23      | 33,978,000            |
|                          | 2005 | 150,821,000       |                  | Each         | 0.21      | 31,672,000            |
| Turkeys, All             | 2006 | 82,150,000        |                  |              |           | 52,950,000            |
|                          | 2005 | 12,211,000        |                  |              |           | 38,762,000            |
| <i>Turkeys</i>           | 2006 | 2,427,000         | 69,974,000       | Lbs          | 0.65      | 45,483,000            |
|                          | 2005 | 2,980,000         | 71,520,000       | Lbs          | 0.40      | 28,608,000            |
| <i>Poults</i>            | 2006 | 5,788,000         |                  | Each         | 1.29      | 7,467,000             |
|                          | 2005 | 9,231,000         |                  | Each         | 1.10      | 10,154,000            |
| Squab                    | 2006 | 558,000           |                  | Each         | 3.38      | 1,886,000             |
|                          | 2005 | 560,000           |                  | Each         | 3.42      | 1,915,000             |
| <b>Total</b>             | 2006 |                   |                  |              |           | <b>\$ 628,551,000</b> |
|                          | 2005 |                   |                  |              |           | <b>401,244,000</b>    |

# LIVESTOCK AND POULTRY PRODUCTS



|                       | <i>Production</i> |            |      | <i>Value</i> |                |
|-----------------------|-------------------|------------|------|--------------|----------------|
|                       | YEAR              | TOTAL      | UNIT | PER UNIT     | TOTAL          |
| Milk                  | 2006              | 39,761,000 |      |              | \$ 466,495,000 |
|                       | 2005              | 38,920,000 |      |              | 546,848,000    |
| <i>Market</i>         | 2006              | 39,072,000 | Cwt  | \$ 11.72     | 457,924,000    |
|                       | 2005              | 38,357,000 | Cwt  | 14.04        | 538,532,000    |
| <i>Manufacturing</i>  | 2006              | 689,000    | Cwt  | 12.44        | 8,571,000      |
|                       | 2005              | 563,000    | Cwt  | 14.77        | 8,316,000      |
| Eggs, Chicken Market  | 2006              | 50,315,000 | Doz  | 0.49         | 24,654,000     |
|                       | 2005              | 30,708,000 | Doz  | 0.43         | 13,204,000     |
| Eggs, Turkey Hatching | 2006              | 6,000,000  | Each | 0.97         | 5,820,000      |
|                       | 2005              | 8,360,000  | Each | 0.68         | 5,685,000      |
| Wool                  | 2006              |            | Lbs  |              |                |
|                       | 2005              | 19,000     | Lbs  | 0.70         | 13,300         |
| Manure                | 2006              | 114,560    | Lbs  | 9.63         | 1,103,000      |
|                       | 2005              | 82,199     | Lbs  | 5.00         | 411,000        |
| Total                 | 2006              |            |      |              | \$ 498,072,000 |
|                       | 2005              |            |      |              | 566,161,000    |





## STANISLAUS COUNTY LEADING COMMODITIES

| 2006 RANK | COMMODITY                     | VALUE          | 2005 RANK |
|-----------|-------------------------------|----------------|-----------|
| 1         | Milk, All                     | \$ 466,495,000 | 1         |
| 2         | Almonds                       | 421,440,000    | 2         |
| 3         | Cattle & Calves, All          | 350,981,000    | 3         |
| 4         | Chickens, All                 | 218,496,000    | 4         |
| 5         | Walnuts                       | 87,524,000     | 5         |
| 6         | Peaches, All                  | 62,097,000     | 7         |
| 7         | Silage, All                   | 59,864,000     | 6         |
| 8         | Deciduous Fruit & Nut Nursery | 55,054,000     | 9         |
| 9         | Turkeys, All                  | 52,950,000     | 10        |
| 10        | Alfalfa                       | 47,250,000     | 8         |



## SUMMARY

|                                 | YEAR | HARVESTED<br>ACREAGE | ESTIMATED VALUE  |
|---------------------------------|------|----------------------|------------------|
| Fruit & Nut Crops               | 2006 | 157,000              | \$ 660,001,000   |
|                                 | 2005 | 152,000              | 686,897,000      |
| Field Crops                     | 2006 | 642,000              | 167,576,000      |
|                                 | 2005 | 605,000              | 147,744,000      |
| Vegetable Crops                 | 2006 | 33,900               | 93,239,000       |
|                                 | 2005 | 39,900               | 91,454,000       |
| Seed Crops                      | 2006 | 454                  | 617,000          |
|                                 | 2005 | 525                  | 810,000          |
| Nursery Products                | 2006 | 2,123                | 87,351,000       |
|                                 | 2005 | 2,344                | 71,240,000       |
| Apiary Products                 | 2006 |                      | 12,745,000       |
|                                 | 2005 |                      | 12,045,000       |
| Livestock & Poultry             | 2006 |                      | 628,551,000      |
|                                 | 2005 |                      | 401,244,000      |
| Livestock & Poultry<br>Products | 2006 |                      | 498,072,000      |
|                                 | 2005 |                      | 566,161,000      |
| Total                           | 2006 | 835,477              | \$ 2,148,152,000 |
|                                 | 2005 | 799,769              | 1,977,595,000    |

# Pest Detection & Emergency Projects 2006



McPhail Trap



County Trapper Hanging Trap

In an effort to protect the agricultural and horticultural industries, and the environment of Stanislaus County, trapping for invasive and injurious pests is conducted. Trapping is the first line of defense to detect invasive and injurious pests that would be detrimental to the environment, economy, and in some cases, human health.

| Pest                       | # of Traps     | Crops Affected  |
|----------------------------|----------------|---|
| Mediterranean Fruit Fly    | 377            | walnut, tomato, apple, almond, plum, peach, nectarine, pear, grape, orange, lemon, grapefruit, fig, pomegranate, kumquat and olive                            |
| Mexican Fruit Fly          | 207            | apple, apricot, citrus, pear, plum, peach, nectarine and pomegranate  |
| General Fruit Fly          | 81             | citrus, stone fruit and pome fruit  |
| Japanese Beetle            | 199            | turf and roses  |
| Gypsy Moth                 | 201            | most trees  |
| Oriental Fruit Fly         | 214            | apple, apricot, cherry, cucumber, fig, grape, grapefruit, kumquat, lemon, plum, nectarine, orange, passion fruit, peach, pear, pomegranate, tomato and walnut |
| Melon Fly                  | 201            | peaches, oranges, beans, tomato, cucumber, apple, cantaloupe, grape, pear and watermelon  |
| Glassy-winged Sharpshooter | 1,392          | grape, almond, peach and citrus / vector for Pierce's Disease   |
| Apple Maggot               | 77             | stone fruit and pome fruit  |
| Vine Mealybug              | 37             | grapes  |
| Citrus Leafminer           | 7              | citrus  |
| Khapra Beetle              | 223            | grain and grain products  |
| European Corn Borer        | 7              | corn, potatoes, oat, green bean, and rhubarb  |
| Red Imported Fire Ant      | Survey & Treat | may infest agricultural and residential settings, as well as natural habitats-dangerous to children, pets, elderly and wildlife                               |

Due to the threat of the Glassy-winged Sharpshooter (GWSS), traps are placed at nurseries and residential sites, and all plant shipments coming into the county from counties known to be infested with GWSS are inspected.

| 2006         | Calls        | Inspections  | # of Receiving Nurseries |
|--------------|--------------|--------------|--------------------------|
| Jan.         | 210          | 108          | 35                       |
| Feb.         | 446          | 256          | 59                       |
| March        | 498          | 259          | 55                       |
| April        | 468          | 323          | 51                       |
| May          | 608          | 318          | 57                       |
| June         | 455          | 231          | 52                       |
| July         | 246          | 129          | 51                       |
| Aug.         | 358          | 184          | 46                       |
| Sept.        | 315          | 150          | 46                       |
| Oct.         | 267          | 122          | 38                       |
| Nov.         | 196          | 120          | 36                       |
| Dec.         | 98           | 49           | 31                       |
| <b>Total</b> | <b>4,165</b> | <b>2,158</b> | <b>556</b>               |



Glassy-winged Sharpshooter Trap, in a Camellia at a nursery

Apple Maggot



Citrus Leafminer



Glassy-winged Sharpshooter



| # of Finds | Pest Found       | Found By      |
|------------|------------------|---------------|
| 1          | Apple Maggot     | Bob Briton    |
| 1          | Citrus Leafminer | Bob Briton    |
| 1          | GWSS Adult       | Cassy Tatoyan |

# Stanislaus County Trading Partners 2006



**Arizona**-Nursery Stock, Grapevine  
**Florida**-Bulbs  
**Oregon**-Nursery Stock, Grapevine, Trees, Plants, Soil Free Potted Grapevines, Apple Tree  
**Washington**-Blueberries

**Afghanistan**-Fruit & Nut Trees  
**Algeria**-Almonds Shelled, Fruit & Vegetable Seeds  
**Antigua**-Fruit & Vegetable Seeds, Popcorn  
**Antigua and Barbuda**-Popcorn, Vegetable Seeds  
**Argentina**-Fruit & Vegetable Seeds, Cherry Budstick  
**Austral Islands**-Walnuts Shelled, Beans Dried  
**Australia**-Almonds Shelled, Pistachios In-Shell, Walnuts Shelled & In-Shell, Budwood, Beans Dried, Fruit & Vegetable Seed, Budstick  
**Austria**-Almonds Shelled, Walnuts Shelled  
**Bahamas**-Beans Dried  
**Bahrain**-Almonds Shelled, Popcorn, Barley, Vegetable Dried  
**Barbados**-Vegetable Seed  
**Barbuda**-Popcorn, Vegetable Dried  
**Belgium**-Almonds Shelled  
**Bolivia**-Fruit & Vegetable Seed  
**Brazil**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Fruit & Vegetable Seed  
**Bulgaria**-Almonds Shelled, Squash Seed  
**Canada**-Almonds Shelled, Walnuts Shelled, Apricot, Bulbs, Plants, Tomatoes, Grain  
**Canary Islands**-Almonds Shelled, Walnuts Shelled  
**Chile**-Walnuts In-Shell, Budwood, Fruit & Vegetable Seed, Budstick, Cuttings  
**China**-Almonds Shelled, Walnuts Shelled & In-Shell, Pecans Shelled, Fruit & Vegetable Seed  
**Colombia**-Vegetable Seed  
**Costa Rica**-Almonds Shelled, Walnuts Shelled, Pistachios In-Shell, Cashews, Fruit & Vegetable Seed  
**Croatia**-Almonds Shelled  
**Cyprus**-Almonds Shelled, Walnuts In-Shell, Fruit & Vegetable Dried, Fruit Dehydrated  
**Czech Republic**-Almonds Shelled  
**Denmark**-Almonds Shelled  
**Dominican Republic**-Fruit & Vegetable Seed  
**Dubai**-Almonds Shelled  
**Ecuador**-Walnuts Shelled & In-Shell, Pecans Shelled, Hazelnuts Shelled, Fruit & Vegetable Seed  
**Egypt**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Fruit & Vegetable Seed  
**El Salvador**-Processed Plant, Onion Chopped, Vegetable Seed  
**England**-Almonds Shelled  
**Estonia**-Almonds Shelled, Processed Plant, Vegetable Granulated, Vegetable Powder, Vegetable Minced  
**Falkland Islands**-Almonds Shelled  
**Fiji**-Almonds Shelled, Squash Seed  
**Finland**-Almonds Shelled & In-Shell  
**France**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Budwood, Pecans Shelled, Fruit & Vegetable Seed, Budstick, Pecan Tree  
**French Polynesia**-Vegetable Dried  
**Germany**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Macadamias Shelled, Fruit & Vegetable Seed  
**Greece**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Hazelnuts In-Shell, Vegetable Seed  
**Guatemala**-Fruit & Vegetable Seed  
**Holland**-Almonds Shelled  
**Honduras**-Fruit & Vegetable Seed, Bermuda Grass  
**Hong Kong**-Almond Shelled & In-Shell, Walnut Shelled & In-Shell, Vegetable Dried, Popcorn, Fruit & Vegetable Seed  
**Hungary**-Almonds Shelled, Cabbage Seed  
**Iceland**-Walnuts Shelled  
**India**-Almonds Shelled & In-Shell, Fruit & Vegetable Seed  
**Indonesia**-Almonds Shelled, Cashews, Corn Gluten Meal, Fruit & Vegetable Seed  
**Iraq**-Fruit & Vegetable Seed, Ryegrass, Cowpeas  
**Ireland**-Almonds Shelled  
**Islas Chafarinas**-Seed  
**Israel**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Vegetable Seed  
**Italy**-Almonds Shelled, Walnuts Shelled & In-Shell, Vegetable Seed  
**Jaluit Atoll**-Melons  
**Jamaica**-Beans Dried, Sorghum, Bermuda Grass, Fruit & Vegetable Seed  
**Japan**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Seed, Spices & Herbs, Beans Dried, Wooden Stakes, Tomatoes, Melons  
**Jordan**-Bermuda Seed, Cowpeas, Almonds Shelled, Walnuts Shelled, Fruit & Vegetable Seed  
**Kenya**-Almonds Shelled, Beans Dried, Peas Dried  
**Kuwait**-Almonds Shelled, Walnuts Shelled & In-Shell, Pecans Shelled, Vegetable Seed  
**Latvia**-Almonds Shelled

**Lebanon**-Almonds Shelled, Walnuts Shelled & In-Shell, Ryegrass, Cowpeas, Fruit & Vegetable Seed  
**Libya**-Seed  
**Lithuania**-Almonds Shelled  
**Macedonia**-Almonds Shelled  
**Malaysia**-Almonds Shelled, Walnuts Shelled, Pistachio Shelled, Pecans Shelled, Seed  
**Malta**-Seed  
**Mauritius**-Almond Shelled, Fruit & Vegetable Seed  
**Mexico**-Almonds Shelled, Walnuts Shelled & In-Shell, Fruit & Vegetables, Nursery Stock Trees, Processed Plant, Wooden Stakes, Vegetable Granulated, Vegetable Minced, Vegetable Powdered, Pine Bins, Pointed Stakes, Douglas Fir Grape Stake, Pine Round Posts, Fruit Trees, Fruit & Vegetable Seeds  
**Moldova**-Grapevine  
**Morocco**-Fruit & Vegetable Seed  
**Nepal**-Almonds Shelled  
**Netherland Antilles**-Popcorn, Barley, Vegetable Dried  
**Netherlands**-Almonds Shelled, Walnuts Shelled & In-Shell, Popcorn, Barley, Vegetables Dried, Fruit & Vegetable Seed  
**New Caledonia**-Vegetable Dried  
**New Zealand**-Almonds Shelled, Walnuts Shelled, Cashews, Mixed Nuts, Vegetables Dried, Fruit & Vegetable Seed  
**Nicaragua**-Fruit & Vegetable Seed  
**Norway**-Almonds Shelled  
**Oman**-Grapevine, Bermuda Grass, Cherry Trees  
**Pakistan**-Almonds Shelled, Fruit & Vegetable Seed, Bermuda Grass  
**Palestine**-Walnuts Shelled  
**Panama**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Pistachios Shelled & In-Shell, Pecans Shelled & In-Shell, Hazelnuts In-Shell, Brazil Nuts In-Shell, Mixed Fruit, Onion Granulated, Fruit & Vegetable Seed  
**Paraguay**-Seed  
**Peru**-Fruit & Vegetable Seed  
**Philippines**-Almonds Shelled, Walnuts Shelled, Pistachios Shelled, Pecans Shelled, Sorghum, Spices & Herbs, Sprouting Alfalfa, Sprouting Broccoli, Fruit & Vegetable Seed  
**Poland**-Almonds Shelled, Walnuts In-Shell  
**Portugal**-Almonds Shelled, Walnuts In-Shell  
**Puerto Rico**-Fruit & Vegetable Seed  
**Qatar**-Almonds Shelled  
**Republic of China**-Almonds Shelled, Walnuts Shelled, Vegetable Seed  
**Republic of Korea**-Almonds Shelled, Walnuts Shelled & In-Shell, Apricot, Processed Plant, Onion Granulated, Chili Powder, Onion Minced, Carrot Granules, Spices & Herbs, Vegetable Seed  
**Romania**-Almonds Shelled  
**Russian Federation**-Almonds Shelled, Vegetable Seed  
**Saudi Arabia**-Almonds Shelled, Walnuts Shelled & In-Shell, Bermuda Grass, Cowpeas, Vegetables Dried, Fruit & Vegetable Seed  
**Singapore**-Almonds Shelled, Walnuts Shelled, Melon Seed  
**Slovenia**-Almonds Shelled  
**South Africa**-Almonds Shelled, Walnuts Shelled, Budwood, Beans Dried, Fruit & Vegetable Seed, Budstick, Cuttings  
**Spain**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Pecans Shelled, Beans Dried, Vegetable Seed  
**Sri Lanka**-Vegetable Seed  
**Sudan**-Seed  
**Sweden**-Almonds Shelled, Walnuts Shelled  
**Switzerland**-Almonds Shelled, Walnuts Shelled, Apricot  
**Syria**-Fruit & Vegetable Seed  
**Taiwan**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Vegetable Dried, Melons, Pecans Shelled, Corn Gluten Meal, Grain, Fruit & Vegetable Seed  
**Tanzania**-Seed  
**Thailand**-Almonds Shelled, Walnuts Shelled, Vegetables Dried, Fruit & Vegetable Seed  
**Trinidad and Tobago**-Almonds Shelled, Fruit & Vegetable Seed  
**Tunisia**-Almonds Shelled, Walnuts Shelled & In-Shell, Fruit & Vegetable Seed  
**Turkey**-Almonds Shelled, Walnuts Shelled & In-Shell, Fruit & Vegetable Seed  
**Uganda**-Fruit & Vegetable Seed  
**Ukraine**-Almonds Shelled, Walnuts Shelled & In-Shell, Seed  
**United Arab Emirates**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Budwood, Millet, Bermuda Grass, Paspalum Grass, Ryegrass, Cowpeas, Vegetable Seed, Fruit & Vegetable Seed  
**United Kingdom**-Almonds Shelled, Walnuts Shelled & In-Shell, Fruit & Vegetable Seed, Bulbs, Oranges Dried  
**Uruguay**-Fruit & Vegetable Seed  
**Venezuela**-Almonds Shelled & In-Shell, Walnuts Shelled & In-Shell, Hazelnuts In-Shell, Mixed Nuts, Fruit & Vegetable Seed  
**Vietnam**-Almonds In-Shell, Walnuts In-Shell, Corn Gluten Meal, Fruit & Vegetable Seed  
**Yemen**-Fruit & Vegetable Seed



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