

Agricultural Production Report 2008



Santa Barbara County

The cover . . .

. . . depicts one of the major reasons for the success of agriculture in Santa Barbara County: its diversity. A mild climate allows a wide variety of crops to be grown throughout the county.

The cover was designed by Veronica Rodriguez with photographs from Maria Grijalva and an image from the Agricultural Commissioner's Office's GIS program.

April 13, 2009

The Honorable Board of Supervisors

Santa Barbara County

and

A. G. Kawamura, Secretary

California Department of Food and Agriculture

I am pleased to submit the 2008 Santa Barbara County Agricultural Production Report. This annual report presents statistical information on the acreage, yield, and value of Santa Barbara County agricultural products.

Agriculture continues to be the County's major producing industry. The 2008 gross production was valued at \$1,137,350,118. This is a \$34 million (3.0%) increase in gross value when compared with the 2007 figures and is the third year in a row that agriculture has surpassed the one billion dollar benchmark.

Santa Barbara County's diversified agriculture continues to provide a strong base for our local economy. Through the multiplier effect, it has a local impact in excess of \$2.2 billion dollars.

It must be emphasized that the values in this report are gross values and in no way reflect net income. All of the various costs of production must be subtracted to determine the net income.

I wish to express my appreciation for the cooperation of all the growers, organizations and individuals who provided the information necessary for this report and special thanks to the members of my staff who worked so hard at compiling it.

Respectfully submitted,



William D. Gillette
Agricultural Commissioner

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Vegetable Crops

| Item | Year | Harvested Acreage | Per Acre | Total | Unit | Wt. | Per Unit | Total |
|----------------|------|-------------------|----------|------------|------|-----|----------|---------------|
| Bell Pepper | 2008 | 426 | 1,429.8 | 609,095 | CTN | 25# | \$9.23 | \$5,621,947 |
| | 2007 | 394 | 1,316.6 | 518,740 | CTN | 25# | \$7.21 | \$3,740,115 |
| Broccoli | 2008 | 27,954 | 684.69 | 19,139,824 | CTN | 22# | \$8.35 | \$159,817,530 |
| | 2007 | 28,376 | 607.77 | 17,246,082 | CTN | 22# | \$7.60 | \$131,070,223 |
| Cabbage | 2008 | 932 | 844.24 | 786,832 | CTN | 50# | \$6.74 | \$5,303,248 |
| | 2007 | 1,099 | 882.31 | 969,659 | CTN | 50# | \$7.22 | \$7,000,938 |
| Cauliflower | 2008 | 8,452 | 682.76 | 5,770,688 | CTN | 25# | \$8.21 | \$47,377,348 |
| | 2007 | 8,659 | 699.71 | 6,058,789 | CTN | 25# | \$7.61 | \$46,107,384 |
| Celery | 2008 | 3,646 | 1,125.19 | 4,102,443 | CTN | 60# | \$10.04 | \$41,188,528 |
| | 2007 | 3,726 | 1,001.99 | 3,733,415 | CTN | 60# | \$10.63 | \$39,686,202 |
| Lettuce, Head | 2008 | 12,462 | 723.21 | 9,012,643 | CTN | 50# | \$ 9.21 | \$83,006,442 |
| | 2007 | 12,835 | 736.73 | 9,455,930 | CTN | 50# | \$ 9.29 | \$87,845,590 |
| Lettuce, Leaf | 2008 | 4,235 | 787.95 | 3,336,968 | CTN | 30# | \$ 8.83 | \$29,465,427 |
| | 2007 | 4,252 | 740.86 | 3,150,137 | CTN | 30# | \$ 8.16 | \$25,705,118 |
| Spinach | 2008 | 1,124 | 852.85 | 958,603 | CTN | 20# | \$ 7.28 | \$6,978,630 |
| | 2007 | 1,159 | 817.77 | 947,795 | CTN | 20# | \$ 6.28 | \$5,952,153 |
| Squash, Summer | 2008 | 1,014 | 726.97 | 737,148 | CTN | 26# | \$ 6.83 | \$5,034,721 |
| | 2007 | 922 | 785.58 | 724,305 | CTN | 26# | \$ 6.63 | \$4,802,142 |
| Miscellaneous | 2008 | 10,117 | | | | | | \$67,719,822 |
| | 2007 | 10,032 | | | | | | \$66,304,062 |
| Total | 2008 | 70,362 | | | | | | \$451,513,643 |
| | 2007 | 71,434 | | | | | | \$418,712,293 |

Field Crops

| Item | Year | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
|--------------------|------|-------------------|----------|--------|------|----------|---------------|
| Beans, Dry Edible | 2008 | 4,005 | 15.37 | 61,557 | CWT | 57.88 | \$ 3,562,919 |
| | 2007 | 4,036 | 16.56 | 66,836 | CTN | 60.29 | \$ 4,029,542 |
| Alfalfa | 2008 | 596 | 7.16 | 4,267 | TON | 204.04 | \$ 870,639 |
| | 2007 | 915 | 7.94 | 7,265 | TON | 171.60 | \$ 1,246,674 |
| Hay, Grain | 2008 | 4,862 | 2.87 | 13,954 | TON | 167.19 | \$ 2,332,969 |
| | 2007 | 4,469 | 2.87 | 12,826 | TON | 142.88 | \$ 1,832,579 |
| Pasture, Irrigated | 2008 | 5,300 | | | | 120.00 | \$ 636,000 |
| | 2007 | 5,300 | | | | 120.00 | \$ 636,000 |
| Non-Irrigated | 2008 | 584,449 | | | | 7.25 | \$ 4,237,255 |
| | 2007 | 589,640 | | | | 7.25 | \$ 4,274,890 |
| Silage | 2008 | 2,143 | 12.22 | 26,188 | TON | 30.51 | \$ 798,996 |
| | 2007 | 2,046 | 10.93 | 22,363 | TON | 28.40 | \$ 635,109 |
| Miscellaneous | 2008 | 949 | | | | | \$ 239,148 |
| | 2007 | 901 | | | | | \$ 211,753 |
| | | | | | | | |
| Total | 2008 | 602,304 | | | | | \$ 12,677,926 |
| | 2007 | 607,307 | | | | | \$ 12,866,547 |

Fruit and Nut Crops

| Item | Year | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
|--------------------|------|-------------------|----------|------------|------|-------------|---------------|
| Avocados | 2008 | 8,148 | 2.49 | 20,290 | TON | \$ 1,858.77 | \$ 37,714,443 |
| | 2007 | 8,328 | 1.19 | 9,910 | TON | \$ 2,100.06 | \$ 20,811,595 |
| Wine Grapes | 2008 | 21,643 | 2.85 | 61,797 | TON | \$ 1,394.05 | \$ 86,148,108 |
| | 2007 | 21,263 | 3.35 | 71,231 | TON | \$ 1,402.74 | \$ 99,918,573 |
| Lemons | 2008 | 1,480 | 16.67 | 24,672 | TON | \$ 630.95 | \$ 15,566,798 |
| | 2007 | 1,549 | 15.15 | 23,467 | TON | \$ 551.02 | \$ 12,930,786 |
| Strawberries Total | 2008 | 7,193 | | | | | \$309,277,708 |
| | 2007 | 6,414 | | | | | \$312,754,997 |
| Fresh | 2008 | | 3601 | 25,901,993 | 12# | \$ 10.25 | \$265,495,428 |
| | 2007 | | 4186 | 26,849,004 | 12# | \$ 10.15 | \$272,517,391 |
| Processing | 2008 | | 8.37 | 60,205 | TON | \$ 727.22 | \$ 43,782,280 |
| | 2007 | | 9.25 | 59,330 | TON | \$ 678.20 | \$ 40,237,606 |
| Miscellaneous | 2008 | 1,232 | | | | | \$ 2,892,706 |
| | 2007 | 979 | | | | | \$ 2,945,863 |
| Total | 2008 | 38,888 | | | | | \$451,599,763 |
| | 2007 | 38,416 | | | | | \$449,361,814 |

Nursery Products

| Cut Flowers: | Year | House Sq. Ft. | Field Acres | Total |
|---|-------------|----------------------|--------------------|----------------------|
| Chrysanthemum | 2008 | 1,789,100 | 1.75 | \$ 8,945,259 |
| | 2007 | 1,913,100 | 4.25 | \$ 9,232,525 |
| Dahlia | 2008 | | 17.6 | \$ 1,408,692 |
| | 2007 | | 15.07 | \$ 1,347,270 |
| Gerbera | 2008 | 3,076,800 | | \$ 22,194,789 |
| | 2007 | 3,700,960 | | \$ 23,564,547 |
| Lily | 2008 | 2,959,174 | 18.7 | \$ 19,877,637 |
| | 2007 | 3,024,571 | | \$ 15,259,862 |
| Miscellaneous Cut Flowers | 2008 | 5,479,670 | 1,254.5 | \$ 46,772,740 |
| | 2007 | 5,452,064 | 1,265.03 | \$ 47,365,089 |
| Total Cut Flowers | 2008 | 13,304,744 | 1,292.55 | \$ 99,199,117 |
| | 2007 | 14,090,695 | 1,284.35 | \$ 96,769,293 |
| Cut Foliage | 2008 | | 4.1 | \$ 71,716 |
| | 2007 | | 1.6 | \$ 53,676 |
| Potted Plants: | | | | |
| Foliage | 2008 | 515,549 | | \$ 1,867,870 |
| | 2007 | 535,549 | | \$ 2,559,079 |
| Orchid | 2008 | 2,550,430 | 15 | \$ 9,555,241 |
| | 2007 | 2,581,950 | | \$ 10,073,238 |
| Poinsettia | 2008 | 223,500 | | \$ 737,302 |
| | 2007 | 263,000 | | \$ 830,068 |
| Miscellaneous Potted Plants | 2008 | 2,009,353 | 33.35 | \$ 23,674,018 |
| | 2007 | 2,203,035 | 25.20 | \$ 23,320,013 |
| Other Nursery Products (Includes Herbaceous Perennials, Ground Covers, Turf, Bulbs, Bedding Plants, Vegetable Transplants, Fruit Trees and Vines, Woody Ornamentals, and Ground Covers) | 2008 | 1,927,792 | 450.13 | \$ 41,407,506 |
| | 2007 | 2,064,842 | 481.70 | \$ 42,567,311 |
| TOTAL | 2008 | 20,531,368 | 1,795.13 | \$176,512,770 |
| | 2007 | 21,739,071 | 1,792.85 | \$176,172,678 |

Livestock and Poultry

| | Year | No. Of Head | Total Liveweight | Unit | Per Unit | Total |
|-------------------|------|-------------|------------------|------|----------|---------------|
| Cattle and Calves | 2008 | 39,229 | 254,989 | CWT | 92.91 | \$ 23,691,028 |
| | 2007 | 40,864 | 265,616 | CWT | 93.70 | \$ 24,888,219 |
| Miscellaneous | 2008 | | | | | \$ 2,697,279 |
| | 2007 | | | | | \$ 2,452,072 |
| Total | 2008 | | | | | \$ 26,388,307 |
| | 2007 | | | | | \$ 27,340,291 |

Livestock, Poultry & Apiary Products

| | Year | | Total |
|---------------|------|--|--------------|
| Miscellaneous | 2008 | | \$ 8,267,350 |
| | 2007 | | \$ 8,498,175 |
| Total | 2008 | | \$ 8,267,350 |
| | 2007 | | \$ 8,498,175 |

Seed Crops

| | Year | Harvested Acreage | Per Acre | Total | Unit | Per Unit | Total |
|----------------|------|-------------------|----------|--------|------|----------|---------------|
| Bean Seed | 2008 | 741 | 22.11 | 16,384 | CWT | \$74.09 | \$ 1,213,891 |
| | 2007 | 662 | 21.52 | 14,246 | CWT | \$71.71 | \$ 1,021,581 |
| Flower Seed | 2008 | 740 | | | | | \$ 5,953,941 |
| | 2007 | 712 | | | | | \$ 5,861,781 |
| Vegetable Seed | 2008 | 820 | | | | | \$ 3,222,527 |
| | 2007 | 781 | | | | | \$ 3,486,873 |
| Total | 2008 | 2,301 | | | | | \$ 10,390,359 |
| | 2007 | 2,155 | | | | | \$ 10,370,235 |

MISCELLANEOUS CROPS

VEGETABLE CROPS

Includes: Anise, artichoke, arugula, asparagus, baby vegetables, basil, beets, brussels sprouts, carrots, chard, Chinese cabbage, cilantro, corn, collard greens, cucumber, eggplant, endive, escarole, frisee, green beans, kale, kohlrabi, leeks, lettuce (specialty), mache, mizuma, mustard greens, onions, parsley, peas (edible pod), peppers, potato, pumpkin, radicchio, radish, squash (winter), tomato, and upland cress.

FIELD CROPS

Includes: Small grains and pea hay.

FRUIT AND NUT CROPS

Includes: Apple, blackberry, blueberry, cherimoya, guava, lime, melons, olive, oranges, passion fruit, peach, persimmon, pistachio, sapote, tangerines and walnut.

NURSERY PRODUCTS

Cut flowers

Includes: Agapanthus, alstromeria, anemone, anthurium, aster, bells of Ireland, Bird of Paradise, calla lily, carnation, celosia, delphinium, dianthus, freesia, gardenia, gladiola, gypsophlia, hyacinth, hydrangea, iris, kangaroo paw, larkspur, liatris, limonium, lisianthus, misty maine, montecasino, orchid, ornithogalum, protea, Queen Anne's lace, ranunculus, scented geranium, solidago, solidaster, statice, stephanotis, stock, sunflower, and sweet pea.

Potted plants

Includes: Anthurium, begonia, chrysanthemum, cyclamen, dahlia, exacum, fuchsia, geranium, gerbera, hydrangea, ivy, kalanchoe, lavender, lily, ornamental pepper and rose.

LIVESTOCK AND POULTRY

Includes: Aquaculture, breeding stock, chickens, goats, sheep, and swine.

LIVESTOCK, POULTRY AND APIARY PRODUCTS

Includes: Apiary products (honey, bees wax, pollen, pollination), milk, and milk products.

MILLION DOLLAR PRODUCTS

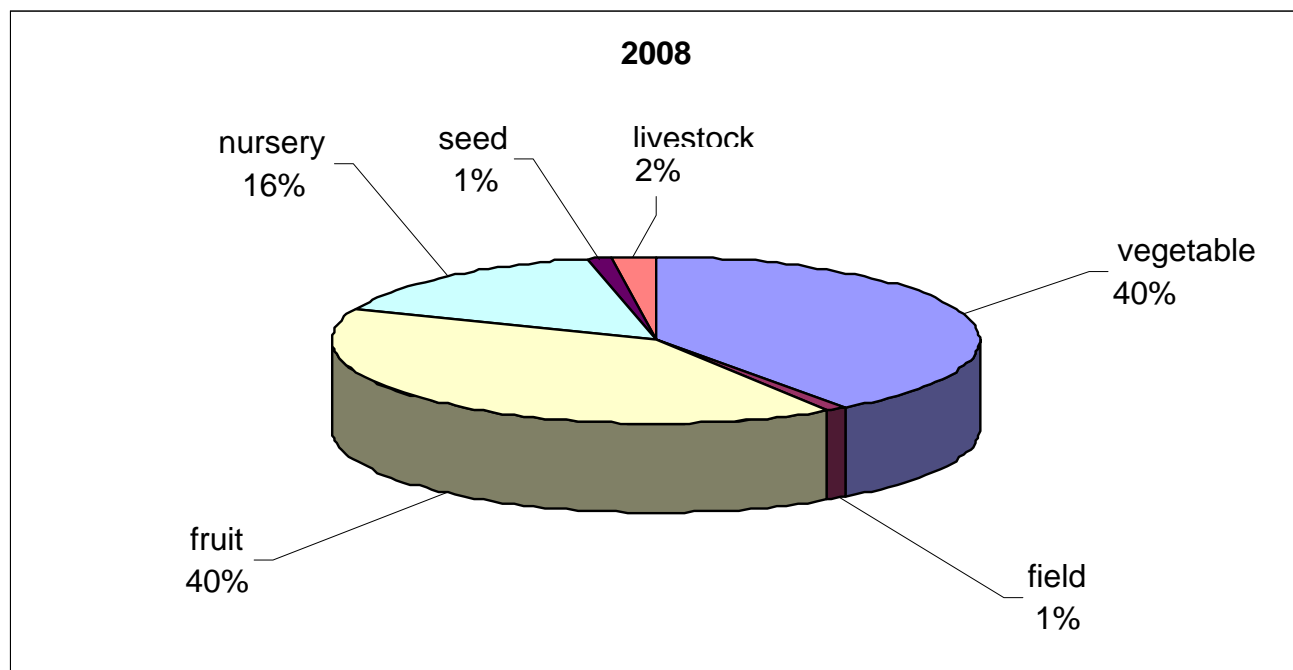
2008 Ranking

2007

| | | | |
|-----------|---------------------------|---------------|-----------|
| 1 | Strawberries | \$309,277,708 | 1 |
| 2 | Broccoli | \$159,817,530 | 2 |
| 3 | Wine Grapes | \$86,148,108 | 3 |
| 4 | Head Lettuce | \$83,006,442 | 4 |
| 5 | Cauliflower | \$47,377,348 | 5 |
| 6 | Celery | \$41,188,528 | 6 |
| 7 | Avocado | \$37,714,443 | 10 |
| 8 | Leaf Lettuce | \$29,465,427 | 8 |
| 9 | Cattle | \$23,691,028 | 7 |
| 10 | Gerbera cut flowers | \$22,194,789 | 9 |
| 11 | Lily cut flowers | \$19,877,637 | 11 |
| 12 | Lemons | \$15,566,798 | 12 |
| 13 | Orchid potted plants | \$9,555,241 | 13 |
| 14 | Chrysanthemum cut flowers | \$8,945,259 | 14 |
| 15 | Spinach | \$6,978,630 | 16 |
| 16 | Flower seed | \$5,953,941 | 17 |
| 17 | Bell Peppers | \$5,621,947 | 21 |
| 18 | Beans, dry edible | \$3,562,919 | 20 |
| 19 | Cabbage | \$5,303,248 | 15 |
| 20 | Summer Squash | \$5,034,720 | 18 |
| 21 | Vegetable seed | \$3,222,527 | 23 |
| 22 | Hay, grain | \$2,332,969 | 22 |
| 23 | Foliage potted plants | \$1,867,870 | 24 |
| 24 | Dahlia cut flowers | \$1,408,692 | 27 |
| 25 | Bean seed | \$1,214,371 | 29 |

SUMMARY

| | | ACREAGE | FOB VALUE |
|--------------------------------------|------|---------|------------------|
| Vegetables | 2008 | 70,362 | \$ 451,513,643 |
| | 2007 | 71,343 | \$ 418,712,293 |
| Field Crops | 2008 | 602,304 | \$ 12,677,926 |
| | 2007 | 607,307 | \$ 12,866,547 |
| Fruit & Nut Crops | 2008 | 39,696 | \$ 451,599,763 |
| | 2007 | 38,888 | \$ 449,361,814 |
| Nursery Products | 2008 | 1,795 | \$ 176,512,770 |
| | 2007 | 2,292 | \$ 176,172,678 |
| Seed Crops | 2008 | 2,301 | \$ 10,390,359 |
| | 2007 | 2,155 | \$ 10,370,235 |
| Livestock and Poultry | 2008 | | \$ 26,388,307 |
| | 2007 | | \$ 27,340,291 |
| Livestock, Poultry & Apiary Products | 2008 | | \$ 8,267,350 |
| | 2007 | | \$ 8,498,175 |
| Total | 2008 | 716,458 | \$ 1,137,350,118 |
| | 2007 | 722,076 | \$ 1,103,322,033 |



COMPARATIVE AGRICULTURAL VALUES

| | |
|-------------------|------------------------|
| 2008 | \$1,137,350,118 |
| 2007 | \$1,103,322,033 |
| 2006 | \$1,016,735,144 |
| 2005 | 997,600,578 |
| 2004 | 905,387,495 |
| 2003 | 858,016,583 |
| 2002 | 771,662,986 |
| 2001 | 709,117,112 |
| 2000 | 735,003,901 |
| 1999 | 656,969,259 |
| 1998 | 611,859,484 |
| 1997 | 625,974,591 |
| 1996 | 581,637,098 |
| 1995 | 539,328,233 |
| 1994 | 509,777,967 |
| 1993 | 500,517,903 |
| 1992 | 443,228,285 |
| 1991 | 500,067,241 |
| 1990 | 508,517,249 |
| 1989 | 481,283,756 |

SUSTAINABLE AGRICULTURE

BIOLOGICAL CONTROL EFFORTS

| <u>PEST</u> | <u>BIO-CONTROL AGENT</u> | <u>SCOPE OF PROGRAM</u> ⁽¹⁾ |
|--|---|---|
| Ash Whitefly <i>Siphonius phillyreae</i> | Hymenoptera (parasitic wasp) <i>Encarsia partenopea</i> | County-wide+ |
| Western Grapeleaf Skeletonizer <i>Harrisina brillians</i> | Diptera (larval parasitic fly) <i>Ametadoria sp.</i> | 6 sites (Cuyama Valley)+ |
| Grape Leafhopper <i>Erythroneura elegantula</i> | Hymenoptera (egg parasitic wasp) <i>Anagrus epos</i> | 200 acres (Santa Ynez) |
| Russian Wheat Aphid <i>Diuraphis noxia</i> | Hymenoptera (parasitic wasp) <i>Aphelinus sp.</i> <i>Diaeretiella rapae</i> | 40 acres (Santa Ynez and Santa Maria)+ |
| Woolly Whitefly <i>Aleurothrixus floccosus</i> | Hymenoptera (parasitic wasp) <i>Cales sp.</i> <i>Amitus sp.</i> | Various sites (County-wide)+ |
| Horn and Face Flies <i>Musca autumnalis</i> <i>Haematobia irritans</i> | Coleoptera: Scarabaeidae <i>Onthophagus taurus</i> <i>O. gazella</i> <i>O. alexis</i> | 76,000 acres (County-wide) |
| Ice Plant Scale <i>Pulvinaria mesembryanthemi</i> | Hymenoptera (parasitic wasp) <i>Metaphycus sp.</i> | Various sites (County-wide)+ |
| Eugenia Psyllid <i>Trioza eugeniae</i> | Hymenoptera (parasitic wasp) Eulophidae: <i>Tamarixia sp.</i> | Various sites (County-wide)+ |
| Blue Gum Psyllid <i>Ctenarytaina eucalypti</i> | Hymenoptera (parasitic wasp) <i>Psyllaephagus pilosus</i> | Various sites (County-wide)+ |
| Red Gum Lerp Psyllid <i>Glycaspis brimblecombei</i> | Hymenoptera (parasitic wasp) <i>Psyllaephagus bliteus</i> | Various sites (County-wide) |
| Eucalyptus Longhorned Borer <i>Phoracantha semipunctata</i> | Hymenoptera (parasitic wasp) <i>Avetianella longoi</i> (egg parasite) <i>Syngaster lepidus</i> (larval parasite) <i>Doryctes sp.</i> (larval parasite) | Various sites (County-wide) |
| Eucalyptus Snout Beetle <i>Gonipterus scutellatus</i> | Hymenoptera (parasitic wasp) <i>Anaphes nitens</i> | 3 sites (Summerland, Carpinteria & Goleta) |
| Yellow Starthistle <i>Centaurea solstitialis</i> | <i>Bangasternus orientalis</i> (a bud weevil) <i>Eustenopus villosus</i> (Hairy weevil) <i>Larinus curtis</i> (a flower weevil) Diptera: Tephritidae <i>Urophora sirunaseva</i> (a gall fly) <i>Chaetorellia succineas</i> (seedhead fly) <i>Puccinia jaceae</i> (a rust disease) | Several sites (Los Padres National Forest) various sites (Los Padres National Forest) 2 sites (Los Padres National Forest) 3 sites (Los Padres National Forest) 2 sites (Los Padres National Forest) 1 site (Los Padres National Forest) |

(1) Represents total number of individual sites, acres, etc. incorporated in the program efforts.

+ Bio-control agent effectively controlling target pest in Santa Barbara County.

Sustainable Agriculture cont.

BIOLOGICAL CONTROL EFFORTS

| <u>PEST</u> | <u>BIO-CONTROL AGENT</u> | <u>SCOPE OF PROGRAM</u> |
|--|---|---|
| Italian Thistle <i>Carduus pycnocephalus</i> | Coleoptera: Curculionidae <i>Rhinocyllus conicus</i> | Various sites (500 acres) |
| Puncture Vine <i>Tribulus terrestris</i> | Coleoptera: Curculionidae <i>Microlarinus spp.</i> | 3 sites (County-wide) |
| Giant Whitefly <i>Dialeurodicus dugesii</i> | Hymenoptera (parasitic wasp) <i>Entedononecremnus krauteri</i> (larval parasite) <i>Encarsiella noyesii</i> (larval parasite) <i>Idioporus affinis</i> (larval parasite) | Various sites (south coast) |
| Olive Fruit Fly <i>Bactocera oleae</i> | Hymenoptera (larval parasitic wasps) <i>Tsyttalia concolor & lounsburyi</i> <i>Utetes africanus</i> | Various sites (Santa Barbara & Montecito) |
| Nesting Whitefly <i>Paraleurodes minei</i> | Coleoptera: Coccinellidae <i>Nephaspis sp</i> (a ladybug) | 3 sites (Goleta, Santa Barbara & Carpinteria) |
| Australian Tortoise Beetle <i>Trachymela sloanei</i> | Hymenoptera (parasitic wasp) <i>Enoggera reticulata</i> | 1 site (Goleta) |
| Eucalyptus Snout Beetle <i>Gonipterus scutellatus</i> | Hymenoptera (egg parasite) <i>Amaphes nitens</i> | 3 sites (South Coast) |
| Giant Reed <i>Arundo donax</i> | hand/mechanical removal | 15 tons removed |

Sustainable Agriculture cont.

PEST EXCLUSION

| <u>PEST (RATING)</u> | <u>HOST/MECHANISM/ORIGIN</u> | <u>NUMBER/DISPOSITION</u> |
|---|---|---------------------------|
| SCALE INSECTS: | | |
| Lesser Snow Scale (A) <i>Pinnaspis strachani</i> | Nursery Stock/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| California Red Scale (B) <i>Aonidiella aurantii</i> | Nursery Stock/Commercial Carrier/California | 1 Detected/Treated |
| Adult Female Scale (Q) Unidentified | Nursery Stock/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| Cycad Aulacaspis Scale (Q) <i>Aulacaspis yasumatsui</i> | Nursery Stock/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| Immature Soft Scale (Q) Unidentified | Nursery Stock/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| ANTS: | | |
| Whitefooted Ant (Q) <i>Technomyrmex albipes</i> | Cut Flowers/Common Carrier/Hawaii | 6 Rejected/Destroyed |
| Big-Headed Ant (Q) <i>Pheidole megacephala</i> | Cut Flowers/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| An Ant (Q) <i>Anoplolepis gracilipes</i> | Cut Flowers/Common Carrier/Hawaii | 1 Rejected/Destroyed |
| CATERPILLARS: | | |
| Stinging Nettle Caterpillar (Q) <i>Darna pallivitta</i> | Nursery Stock/Commercial Carrier/Hawaii | 2 Detected/Treated |
| Bougainvillea Looper (B) <i>Disclisioprocta stellata</i> | Landscape/Residence/Santa Barbara | 1 Detected/Released |
| A caterpillar (Q) Unidentified LBAM suspect | Nursery Stock/Detection Survey/California | 1 Detected/Treated |
| An egg mass (Q) Unidentified LBAM suspect | Crop/Detection Survey/California | 1 Detected/Destroyed |
| APHIDS: | | |
| An aphid (Q) Unidentified | Cut flowers/Common Carrier/Hawaii | 2 Rejected/Destroyed |
| An aphid (Q) Unidentified | Cut flowers/Common Carrier/California | 1 Rejected/Treated |
| An aphid (Q) <i>Sitobion luteum</i> | Nursery Stock/Commercial Carrier/California | 2 Detected/Treated |

Sustainable Agriculture cont.

MEALYBUGS:

| | | |
|---|--------------------------------------|----------------------|
| Striped Mealybug (B) <i>Ferrisia virgata</i> | Nursery Stock/Common Carrier/Florida | 1 Rejected/Treated |
| A Mealybug (B) <i>Planococcus</i> sp. | Crop/Submitted/California | 1 Detected/Treated |
| Vine Mealybug (B) <i>Planococcus ficus</i> | Crop/Submitted/California | 1 Detected/Treated |
| A Mealybug (Q) <i>Pseudococcus</i> sp. | Nursery Stock/Common Carrier/Hawaii | 1 Rejected/Destroyed |

LEAFHOPPERS:

| | | |
|--|---|--------------------|
| Glassy-winged Sharpshooter (B) <i>Homalodisca vitripennis</i> | Nursery Stock/Commercial Carrier/California | 1 Detected/Treated |
|--|---|--------------------|

FLIES:

| | | |
|---|---|--------------------|
| A Leafminer (Q) <i>Liriomyza</i> sp. | Nursery Stock/Commercial Carrier/California | 1 Detected/Treated |
|---|---|--------------------|

SNAILS:

| | | |
|--|---|----------------------|
| A Snail (Q) <i>Zachrysia provisoria</i> | Nursery Stock/Commercial Carrier/California | 1 Detected/Destroyed |
|--|---|----------------------|

FUNGUS:

| | | |
|--|---|-----------------------|
| Fusarium wilt of Palm (A) <i>Fusarium oxysporum</i> f. sp. <i>canariensis</i> | Landscape/Residence/Santa Barbara County | 1 Detected |
| Chrysanthemum White Rust (A) <i>Puccinia horiana</i> | Nursery Stock/Trace Forward Survey/California | 5 Rejected/Destroyed |
| Mulhenbergia Rust (Q) <i>Uromyces epicampis</i> | Crop/Submitted/California | 1 Detected |
| Salvia Rust (Q) <i>Puccinia farinacea</i> | Nursery Stock/Commercial Carrier/California | 19 Detected/Treated |
| Mandevilla Leaf Spot (Q) <i>Corynespora cassicola</i> | Nursery Stock/Common Carrier/Florida | 1 Detected/Destroyed |
| Myrtle Root Rot (Q) <i>Cylindrocladium spathulatum</i> | Nursery Stock/Field/California | 1 Detected/Destroyed |
| Ramorum Blight (Q) <i>Phytophthora ramorum</i> | Nursery Stock/Trace Forward Survey/California | 15 Detected/Destroyed |
| Rose Rust (Q) <i>Phragmidium tuberculatum</i> | Landscape/ Residence/Santa Barbara County | 4 Detected |
| Avocado Root Disease (B) <i>Cylindrocarpon liriodendri</i> | Orchard/Field/California | 1 Rejected/Destroyed |

Rating definitions:

"A" - An organism of known economic importance subject to enforcement action involving eradication, quarantine regulation, containment, rejection, or other holding action.

"Q" - An organism or disorder requiring temporary "A" action pending determination of a permanent quarantine rating. The organism is suspected to be of economic importance, but its status is uncertain because of incomplete identification or inadequate information.

"B" – An organism of known economic importance subject to: eradication, containment, control, or other holding action at the discretion of the individual County Agricultural Commissioner.

ORGANIC FARMING

92 Organic Farms were registered in Santa Barbara County in 2008. Utilizing organic principles as required by the California Organic Products Act of 2004, these farms produce a wide variety of crops.

VEGETABLE CROPS

Includes: Anise, arugula, asparagus, basil, beans, beets, bell peppers, broccoli, cabbage, carrots, cauliflower, celery, chard, cherry tomato, chicory, chili peppers, chives, cilantro, corn, cucumber, eggplant, endive, fennel, garlic, gourmet specialty vegetables, green onions, herbs, kale, kohlrabi, lettuce, leeks, mizuna, mushrooms, mustard greens, nopales, onions, oriental vegetables, parsley, peas, potato, pumpkin, radish, rhubarb, spinach, squash, sweet potato, tomato, tomatillo, turnip, and vegetable transplants.

FRUIT AND NUT CROPS

Includes: Apple, apricot, avocado, banana, cherimoya, fig, grapefruit, grape, guava, jujube, kiwi, lemon, lime, loquat, macadamia nut, mandarin, melon, nectarine, olive, orange, passion fruit, peach, persimmon, plum, raspberry, sapote, strawberry, tangelo, tangerine, and watermelon.

FIELD CROPS

Includes: Pasture and rangeland.

NURSERY PRODUCTS

Includes: Cactus, potted plants, and potted herbs.

DEPARTMENT STAFF

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Elena Morelos

Deputy Commissioners

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Brian Cabrera

Plant Pathologist

Heather Scheck

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| Christina Fenske | Tashina Simon |
| Maria Grijalva | Christine Tyler |
| Harriet Heath | |