

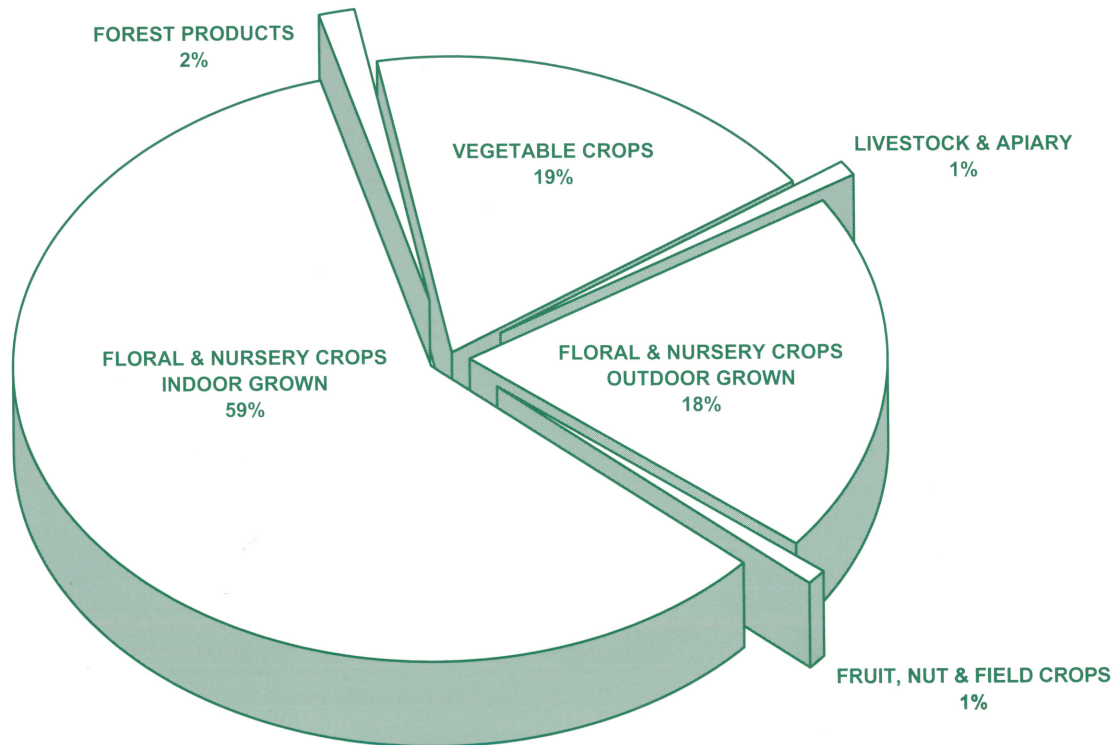
# SAN MATEO COUNTY

## 2001 AGRICULTURAL CROP REPORT



# SAN MATEO COUNTY 2001 CROP SUMMARY

TOTAL PRODUCTION VALUE \$177,110,000



## *On The Cover:*

Our 2001 Crop Report highlights San Mateo County pumpkin production. Native to the Americas, the pumpkin was utilized by early Americans as a source of food and fiber. Pumpkins were cut into long strips, roasted over an open fire or dried and woven into mats. European colonists filled pumpkins with milk, honey and spices and baked them on hot ashes. In 2001, San Mateo County's 28 commercial pumpkin growers produced over 3,700 tons of pumpkins on 262 acres of coastal farmland. Some of the more popular varieties include: Jackpot, Trick or Treat, Delta Atlantic, Pankow Field, Spooktacular, Howden Biggie, Fairytail, Munchkin, Sugar Pie, Mini, Jack-O-Lantern, Lumina, Frosty, Australian Blue, Long Island Cheese, Cinderella, Baby Bear, Big Moon, Valeniano, Connecticut Field, Howden, Jack Be Little, Small Sugar, Gold Rush and Gold Fever. Pumpkins contributed \$631,000 to the County's total crop production value in 2001.

In autumn, many coastside growers have pumpkin patches where County residents and visitors can choose the shape, size and color of pumpkin they like best. Each year Half Moon Bay, the "Pumpkin Capital of the World," hosts an Art and Pumpkin Festival the weekend after Columbus Day, where pumpkin aficionados enjoy pumpkin pie-eating contests, pumpkin carving, a pumpkin parade, live entertainment, pumpkin ice cream and much more. The annual event actually begins on Columbus Day with the Safeway World Championship Pumpkin Weigh-Off. The 2001 winner came from the state of Washington, weighing in at 1,016 pounds. Our own coastside winner was Dominic Muzzi's giant San Gregorio pumpkin which weighed in at a respectable 504 pounds.

Photograph by John Beall

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**SAN MATEO COUNTY**  
**DEPARTMENT OF AGRICULTURE/WEIGHTS AND MEASURES**

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**William J. Lyons, Jr., Secretary**  
California Department of Food and Agriculture

and

**San Mateo County Board of Supervisors**

Mark Church, 1st District  
Jerry Hill, 2nd District  
Richard S. Gordon, 3rd District  
Rose Jacobs Gibson, 4th District  
Michael D. Nevin, 5th District

I am pleased to submit the 2001 Agricultural Crop Report for San Mateo County in compliance with Section 2279 of the California Food and Agricultural Code. Also included is the Sustainable Agriculture Report in accordance with Section 2272 of the Code.

The production values in this report represent gross values and do not reflect the cost of production. The total gross value of San Mateo County agricultural production for 2001 was \$177,110,000. This represents an 11% decrease from the total production value for 2000, (\$198,664,000). The total gross value does not reflect the real impact agricultural production has on the local economy. For every dollar of agricultural production, a multiplier factor of 3.5 may be applied. Using this factor, the estimated economic impact on San Mateo County for 2001 was \$619,885,000.

A number of factors contributed to the decrease in production value for the 2001 crop year. The most significant decline was in Floral and Nursery Crops where impacts from the general economic downturn, continuing competition from foreign imports, and a Sudden Oak Death quarantine restricting the export of our potted plants into Canada, all combined to drop production values by 18 million dollars. Brussels sprouts, mushrooms and leeks all experienced a drop in market price and the value for timber harvested in 2001 fell by 30%.

I wish to express my appreciation to all individuals, growers and agencies who contributed information for the preparation of this crop report. Special thanks goes to Ronald Pummer on my staff who helped compile the report.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail M. Raabe".

**Gail M. Raabe**  
Agricultural Commissioner  
Sealer of Weights and Measures

# FLORAL AND NURSERY CROPS INDOOR GROWN

| Item                                                      | Year                                   | Square Feet | Production | Unit  | VALUE    |                |
|-----------------------------------------------------------|----------------------------------------|-------------|------------|-------|----------|----------------|
|                                                           |                                        |             |            |       | Per Unit | Total          |
| <b>Cut Flowers</b>                                        |                                        |             |            |       |          |                |
| Alstroemeria .....                                        | 2001                                   | 508,000     | 634,000    | Bunch | \$ 1.75  | \$ 1,110,000   |
|                                                           | 2000                                   | 595,000     | 504,000    | Bunch | 1.89     | 953,000        |
| Carnations .....                                          | 2001                                   | 305,000     | 3,751,000  | Bloom | .23      | 863,000        |
|                                                           | 2000                                   | 320,000     | 4,414,000  | Bloom | .22      | 971,000        |
| Lilies .....                                              | 2001                                   | 266,000     | 492,000    | Bunch | 6.25     | 3,075,000      |
|                                                           | 2000                                   | 316,000     | 591,000    | Bunch | 5.85     | 3,457,000      |
| Snapdragons .....                                         | 2001                                   | 1,124,000   | 943,000    | Bunch | 2.63     | 2,480,000      |
|                                                           | 2000                                   | 1,325,000   | 958,000    | Bunch | 2.74     | 2,625,000      |
| Miscellaneous .....                                       | 2001                                   | 717,000     |            |       |          | 2,674,000      |
| Cut Flowers <sup>1</sup> .....                            | 2000                                   | 792,000     |            |       |          | 3,649,000      |
| <b>Potted Plants</b>                                      |                                        |             |            |       |          |                |
| Flowering                                                 |                                        |             |            |       |          |                |
| Chrysanthemums .....                                      | 2001                                   | 60,000      | 165,000    | Pot   | \$ 2.53  | \$ 417,000     |
|                                                           | 2000                                   | 45,000      | 134,000    | Pot   | 2.07     | 278,000        |
| Lilies <sup>2</sup> .....                                 | 2001                                   | 773,000     | 1,797,000  | Pot   | 3.85     | 6,918,000      |
|                                                           | 2000                                   | 770,000     | 1,605,000  | Pot   | 3.83     | 6,147,000      |
| Orchids .....                                             | 2001                                   | 470,000     | 1,040,000  | Pot   | 9.03     | 9,391,000      |
|                                                           | 2000                                   | 469,000     | 673,000    | Pot   | 11.23    | 7,558,000      |
| Poinsettias .....                                         | 2001                                   | 600,000     | 939,000    | Pot   | 4.31     | 4,047,000      |
|                                                           | 2000                                   | 598,000     | 941,000    | Pot   | 4.29     | 4,037,000      |
| Miscellaneous <sup>3</sup> .....                          | 2001                                   | 5,728,000   |            |       |          | 49,236,000     |
|                                                           | 2000                                   | 5,669,000   |            |       |          | 48,766,000     |
| Foliage <sup>4</sup> .....                                | 2001                                   | 2,873,000   |            |       |          | 22,180,000     |
|                                                           | 2000                                   | 3,564,000   |            |       |          | 28,400,000     |
| Subtotal .....                                            | 2001                                   | 13,424,000  |            |       |          | \$ 102,391,000 |
|                                                           | 2000                                   | 14,463,000  |            |       |          | 106,841,000    |
| <b>Propagated</b>                                         |                                        |             |            |       |          |                |
| Bedding Plants .....                                      | 2001                                   | 314,000     |            |       |          | \$ 1,189,000   |
|                                                           | (Ivy, Impatiens, Marigolds, etc.) 2000 | 334,000     |            |       |          | 1,287,000      |
| Cuttings and Liners .....                                 | 2001                                   | 164,000     |            |       |          | 562,000        |
|                                                           | (Ferns, Hydrangea, Ivy, etc.) 2000     | 165,000     |            |       |          | 566,000        |
| <b>TOTAL</b> .....                                        | 2001                                   | 13,902,000  |            |       |          | \$ 104,142,000 |
|                                                           | 2000                                   | 14,962,000  |            |       |          | 108,694,000    |
| Total Glass and Plastic Areas ..... 5,775,000 Square Feet |                                        |             |            |       |          |                |

<sup>1</sup> Includes Chrysanthemum, Freesia, Gardenia, Roses, etc.

<sup>2</sup> Includes Calla Lilies, Easter Lilies, Hybrid Lilies, Oriental Lilies, etc.

<sup>3</sup> Includes Azaleas, Cyclamen, Gardenias, Gerberas, Hydrangea, Primula, Roses, Tulips, etc.

<sup>4</sup> Includes Dieffenbachia, Ficus, Ivy, Philodendron, Pothos, etc.

# FLORAL AND NURSERY CROPS OUTDOOR GROWN

| Item                                               | Year | Acres | Production | Unit  | VALUE    |               |
|----------------------------------------------------|------|-------|------------|-------|----------|---------------|
|                                                    |      |       |            |       | Per Unit | Total         |
| Daisies -----                                      | 2001 | 77    | 909,000    | Bunch | \$ 1.04  | \$ 945,000    |
|                                                    | 2000 | 78    | 1,060,000  | Bunch | 1.00     | 1,060,000     |
| Gypsophila -----                                   | 2001 | 21    | 94,000     | Bunch | 1.77     | 166,000       |
|                                                    | 2000 | 21    | 170,000    | Bunch | 1.81     | 308,000       |
| Heather -----                                      | 2001 | 52    | 91,000     | Bunch | 2.17     | 197,000       |
|                                                    | 2000 | 56    | 106,000    | Bunch | 2.13     | 226,000       |
| Iris -----                                         | 2001 | 23    | 280,000    | Bunch | 2.81     | 787,000       |
|                                                    | 2000 | 47    | 1,143,000  | Bunch | 2.59     | 2,960,000     |
| Larkspur -----                                     | 2001 | 22    | 258,000    | Bunch | 2.12     | 547,000       |
|                                                    | 2000 | 28    | 498,000    | Bunch | 2.10     | 1,046,000     |
| Stock -----                                        | 2001 | 103   | 544,000    | Bunch | 2.13     | 1,159,000     |
|                                                    | 2000 | 98    | 717,000    | Bunch | 2.15     | 1,542,000     |
| Strawflowers <sup>1</sup> -----                    | 2001 | 35    | 90,000     | Bunch | 1.51     | 136,000       |
|                                                    | 2000 | 35    | 91,000     | Bunch | 1.51     | 137,000       |
| Sunflowers -----                                   | 2001 | 34    | 109,000    | Bunch | 1.92     | 209,000       |
|                                                    | 2000 | 33    | 119,000    | Bunch | 2.25     | 268,000       |
| Miscellaneous -----<br>Flower/Foliage <sup>2</sup> | 2001 | 342   |            |       |          | 4,064,000     |
|                                                    | 2000 | 342   |            |       |          | 4,082,000     |
| Subtotal -----                                     | 2001 | 709   |            |       |          | \$ 8,210,000  |
|                                                    | 2000 | 738   |            |       |          | 11,629,000    |
| <b>Ornamentals</b>                                 |      |       |            |       |          |               |
| Herbaceous -----<br>Perennials <sup>3</sup>        | 2001 | 15    |            |       |          | \$ 2,325,000  |
|                                                    | 2000 | 15    |            |       |          | 2,324,000     |
| Christmas Trees -----                              | 2001 | 189   |            |       |          | 380,000       |
|                                                    | 2000 | 149   |            |       |          | 287,000       |
| Nursery Stock <sup>4</sup> -----                   | 2001 | 167   |            |       |          | 21,557,000    |
|                                                    | 2000 | 192   |            |       |          | 31,822,000    |
| <b>TOTAL</b> -----                                 | 2001 | 1,080 |            |       |          | \$ 32,472,000 |
|                                                    | 2000 | 1,094 |            |       |          | 46,062,000    |

1 Includes Fresh and Dried.

2 Includes Calla Lily, Delphinium, Eucalyptus, Pittosporum, Statice, Yarrow, etc.

3 Includes Cinerarias, Fuchsias, Impatiens, Primrose, etc.

4 Includes Heather, Mini Christmas trees, other trees and shrubs.

## VEGETABLE CROPS

| Crop                                                            | Year | Acres | PRODUCTION |       | Unit | VALUE     |               |
|-----------------------------------------------------------------|------|-------|------------|-------|------|-----------|---------------|
|                                                                 |      |       | Per Acre   | Total |      | Per Unit  | Total         |
| Artichokes <sup>1</sup>                                         | 2001 | 238   | 3.62       | 862   | Ton  | \$ 968.00 | \$ 834,000    |
|                                                                 | 2000 | 231   | 2.81       | 649   | Ton  | 968.00    | 628,000       |
| Beans, Snap                                                     | 2001 | 130   | 2.48       | 322   | Ton  | 1,222.00  | 393,000       |
|                                                                 | 2000 | 143   | 2.96       | 423   | Ton  | 1,117.00  | 473,000       |
| Brussels Sprouts <sup>1</sup>                                   | 2001 | 741   | 9.32       | 6,906 | Ton  | 527.00    | 3,639,000     |
|                                                                 | 2000 | 723   | 8.45       | 6,109 | Ton  | 659.00    | 4,026,000     |
| Leeks                                                           | 2001 | 147   | 9.94       | 1,461 | Ton  | 650.00    | 950,000       |
|                                                                 | 2000 | 163   | 11.49      | 1,873 | Ton  | 716.00    | 1,341,000     |
| Mushrooms                                                       | 2001 | 17    |            |       |      |           | 23,269,000    |
|                                                                 | 2000 | 17    |            |       |      |           | 24,184,000    |
| Peas                                                            | 2001 | 311   | 1.91       | 594   | Ton  | 966.00    | 574,000       |
|                                                                 | 2000 | 345   | 2.20       | 759   | Ton  | 859.00    | 652,000       |
| Pumpkins                                                        | 2001 | 262   | 14.25      | 3,734 | Ton  | 169.00    | 631,000       |
|                                                                 | 2000 | 240   | 14.23      | 3,415 | Ton  | 155.00    | 529,000       |
| Miscellaneous Vegetables<br>Field and Indoor Grown <sup>2</sup> | 2001 | 658   |            |       |      |           | 4,274,000     |
|                                                                 | 2000 | 647   |            |       |      |           | 4,327,000     |
| <b>TOTAL</b>                                                    | 2001 | 2,504 |            |       |      |           | \$ 34,564,000 |
|                                                                 | 2000 | 2,509 |            |       |      |           | 36,160,000    |

<sup>1</sup> Includes Processed.

<sup>2</sup> Includes Cabbage, Corn, Herbs, Leaf lettuce, Potatoes, Spinach, Swiss chard, etc.

## FIELD CROPS

| Crop                           | Year | Acres  | PRODUCTION |       | Unit | VALUE      |            |
|--------------------------------|------|--------|------------|-------|------|------------|------------|
|                                |      |        | Per Acre   | Total |      | Per Unit   | Total      |
| Beans, Dry Edible <sup>1</sup> | 2001 | 200    | 0.75       | 150   | Ton  | \$2,000.00 | \$ 300,000 |
|                                | 2000 | 200    | 0.75       | 150   | Ton  | 2,000.00   | 300,000    |
| Grain<br>Oats                  | 2001 | 200    | 0.56       | 112   | Ton  | 520.00     | 58,000     |
|                                | 2000 | 300    | 0.96       | 288   | Ton  | 520.00     | 150,000    |
| Hay<br>Oats                    | 2001 | 500    | 1.00       | 500   | Ton  | 100.00     | 50,000     |
|                                | 2000 | 500    | 1.00       | 500   | Ton  | 100.00     | 50,000     |
| Volunteer                      | 2001 | 300    | 1.50       | 450   | Ton  | 80.00      | 36,000     |
|                                | 2000 | 300    | 1.50       | 450   | Ton  | 80.00      | 36,000     |
| Pasture<br>Irrigated           | 2001 | 300    |            |       |      | 140.00     | 42,000     |
|                                | 2000 | 300    |            |       |      | 140.00     | 42,000     |
| Other                          | 2001 | 30,000 |            |       |      | 9.00       | 270,000    |
|                                | 2000 | 30,000 |            |       |      | 9.00       | 270,000    |
| <b>TOTAL</b>                   | 2001 | 31,500 |            |       |      |            | \$ 756,000 |
|                                | 2000 | 31,600 |            |       |      |            | 848,000    |

<sup>1</sup> Includes Cranberry, Fava, etc.

## FRUIT AND NUT CROPS

| Item                             | Year | Acres | Total Value |
|----------------------------------|------|-------|-------------|
| Bushberries .....                | 2001 | 30    | \$ 172,000  |
|                                  | 2000 | 24    | 217,000     |
| Strawberries .....               | 2001 | 15    | 272,000     |
|                                  | 2000 | 18    | 256,000     |
| Wine Grapes .....                | 2001 | 44    | 159,000     |
|                                  | 2000 | 45    | 139,000     |
| Miscellaneous <sup>1</sup> ..... | 2001 | 17    | 89,000      |
|                                  | 2000 | 18    | 166,000     |
| <b>TOTAL</b> .....               | 2001 | 106   | \$ 692,000  |
|                                  | 2000 | 105   | 778,000     |

<sup>1</sup> Includes Apples, Kiwi, Pears, Walnuts, etc.

## LIVESTOCK

| Item                     | Year | Number Head Sold | Total Value  |
|--------------------------|------|------------------|--------------|
| Cattle and Calves .....  | 2001 | 2,370            | \$ 987,000   |
|                          | 2000 | 2,420            | 930,000      |
| Sheep and Lambs .....    | 2001 | 920              | 77,000       |
|                          | 2000 | 900              | 80,000       |
| Hogs and Pigs .....      | 2001 | 1,480            | 228,000      |
|                          | 2000 | 1,930            | 143,000      |
| Other <sup>1</sup> ..... | 2001 | 2,280            | 206,000      |
|                          | 2000 | 1,800            | 179,000      |
| <b>TOTAL</b> .....       | 2001 |                  | \$ 1,498,000 |
|                          | 2000 |                  | 1,332,000    |

<sup>1</sup> Includes chickens, goats, turkeys

## LIVESTOCK AND APIARY PRODUCTS

| Item                     | Year | Production | Unit | VALUE    |            |
|--------------------------|------|------------|------|----------|------------|
|                          |      |            |      | Per Unit | Total      |
| Honey .....              | 2001 | 30,000     | LB.  | \$ 1.60  | 48,000     |
|                          | 2000 | 36,000     | LB.  | 1.50     | 54,000     |
| Beeswax .....            | 2001 | 500        | LB.  | 2.00     | 1,000      |
|                          | 2000 | 500        | LB.  | 2.00     | 1,000      |
| Other <sup>1</sup> ..... | 2001 |            |      |          | 195,000    |
|                          | 2000 |            |      |          | 202,000    |
| <b>TOTAL</b> .....       | 2001 |            |      |          | \$ 244,000 |
|                          | 2000 |            |      |          | 257,000    |

<sup>1</sup> Includes goat cheese, eggs, wool

## FOREST PRODUCTS

|             |      |                      |             |
|-------------|------|----------------------|-------------|
| TOTAL ..... | 2001 | 4,151,000 Board Feet | \$2,742,000 |
|             | 2000 | 4,505,000 Board Feet | 4,533,000   |

## Department of Agriculture COASTSIDE RAIN STATIONS

|                 | Half Moon Bay | Pescadero    |
|-----------------|---------------|--------------|
| 1989/1990 ..... | 11.87 inches  | 9.35 inches  |
| 1990/1991 ..... | 13.43 inches  | 21.10 inches |
| 1991/1992 ..... | 25.31 inches  | 28.98 inches |
| 1992/1993 ..... | 33.17 inches  | 29.87 inches |
| 1993/1994 ..... | 17.93 inches  | 15.45 inches |
| 1994/1995 ..... | 37.48 inches  | 31.00 inches |
| 1995/1996 ..... | 30.69 inches  | 25.56 inches |
| 1996/1997 ..... | 26.05 inches  | 19.31 inches |
| 1997/1998 ..... | 50.69 inches  | 81.71 inches |
| 1998/1999 ..... | 29.48 inches  | 22.63 inches |
| 1999/2000 ..... | 31.54 inches  | 29.83 inches |
| 2000/2001 ..... | 22.78 inches  | 20.13 inches |

50 YEARS AGO . . . . .

### Top Ten Agricultural Commodities in 1951

| ITEM                                 |                     | TOTAL VALUE |
|--------------------------------------|---------------------|-------------|
| 1. Chrysanthemums (Field Grown)      | 205 Acres           | \$1,692,093 |
| 2. Dairy Cattle                      | 7,727 Head          | 1,509,444   |
| 3. Hogs                              | 25,755 Head         | 1,440,215   |
| 4. Artichokes                        | 1,796 Acres         | 942,687     |
| 5. Brussels Sprouts                  | 1,858 Acres         | 832,384     |
| 6. Heather                           | 360 Acres           | 720,000     |
| 7. Potted Plants (Glass House Grown) | 456,792 Square Feet | 593,830     |
| 8. Gardenias (Glass House Grown)     | 542,900 Square Feet | 542,900     |
| 9. Ferns (Glass House Grown)         | 812,213 Square Feet | 430,473     |
| 10. Ducks                            | 207,250 Birds       | 428,814     |



# RECAPITULATION

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## PRODUCTION VALUES

|                                     | 2001                 | 2000                 |
|-------------------------------------|----------------------|----------------------|
| FLORAL AND NURSERY CROPS -----      | \$136,614,000        | \$154,756,000        |
| VEGETABLE CROPS -----               | 34,564,000           | 36,160,000           |
| FOREST PRODUCTS -----               | 2,742,000            | 4,533,000            |
| LIVESTOCK -----                     | 1,498,000            | 1,332,000            |
| FIELD CROPS -----                   | 756,000              | 848,000              |
| FRUIT AND NUT CROPS -----           | 692,000              | 778,000              |
| LIVESTOCK AND APIARY PRODUCTS ----- | 244,000              | 257,000              |
| <b>TOTAL -----</b>                  | <b>\$177,110,000</b> | <b>\$198,664,000</b> |

## MILLION DOLLAR CROPS

|                          | 2001         | 2000         |
|--------------------------|--------------|--------------|
| Mushrooms                | \$23,269,000 | \$24,184,000 |
| Potted Foliage Plants    | 22,180,000   | 28,400,000   |
| Ornamental Nursery Stock | 21,557,000   | 31,822,000   |
| Orchids (potted)         | 9,391,000    | 7,558,000    |
| Lilies (potted)          | 6,918,000    | 6,147,000    |
| Poinsettia (potted)      | 4,047,000    | 4,037,000    |
| Brussels Sprouts         | 3,639,000    | 4,026,000    |
| Lilies (cut)             | 3,074,000    | 3,457,000    |
| Forest Products          | 2,742,000    | 4,533,000    |
| Snapdragons              | 2,480,000    | 2,625,000    |
| Herbaceous Perennials    | 2,325,000    | 2,324,000    |
| Bedding Plants           | 1,189,000    | 1,287,000    |
| Stock                    | 1,159,000    | 1,542,000    |
| Alstroemeria             | 1,110,000    | 953,000      |

# SAN MATEO COUNTY 2001 SUSTAINABLE AGRICULTURE REPORT

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Sustainable Agriculture is the implementation of agricultural programs and practices designed to promote the economic viability of agriculture, while minimizing the impact of agricultural practices on natural resources and the environment. This report includes information on San Mateo County's programs for the eradication, control or detection of pests, as well as the enforcement of quarantines to exclude such pests. Also included is information on alternative pest control measures employed by the agricultural industry and organic farming.

## — COUNTY PROGRAMS —

### BIOLOGICAL CONTROL

| Pest                | Agent/Mechanism                                                                                                                                                                                                                                                                | Scope of Program                                                               |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Yellow Star Thistle | <u>Bangasternus orientalis</u> , weevil                                                                                                                                                                                                                                        | Monitored established populations of these two bio-control agents at 13 sites. |
|                     | <u>Eustenopus villosus</u> , weevil                                                                                                                                                                                                                                            |                                                                                |
|                     | <u>Urophora sirunaseva</u> , gall fly                                                                                                                                                                                                                                          | Monitored established populations at 5 sites.                                  |
| Ash Whitefly        | The release and natural disbursement of <u>Encarsia partenopea</u> and <u>Clitostethus arcuatus</u> since 1991 has been highly successful in keeping the Ash Whitefly under control. These bio-control agents have now become established and no further releases are planned. |                                                                                |

### PEST ERADICATION

Skeletonweed, Chondrilla juncea, was treated at two locations. This is an "A" rated pest. Pests with this designation are detrimental to agriculture and require complete eradication.

### PEST DETECTION

#### **Insect Trapping for Exotic Pests**

3,667 insect traps were deployed for exotic pests, with 51,386 trap servicings during the year. This included traps for the following economically significant insects: Mediterranean Fruit Fly, Mexican and Oriental Fruit Fly, Melon Fly, Gypsy Moth, Japanese Beetle, Khapra Beetle, European Pine Shoot Moth, European Corn Borer and Glassy-winged Sharpshooter.

### PEST EXCLUSION

Inspection of incoming shipments of plant products and other high risk articles to prevent the introduction of pests and diseases harmful to California's agricultural industry. Shipments are rejected due to the presence of live pests, improper container markings, or lack of valid certification.

| Type of Shipment | Number Inspected | Number Rejected |
|------------------|------------------|-----------------|
| Parcel Carriers  | 28,537           | 584             |
| Truck            | 2,244            | 108             |
| Air              | 10,397           | 255             |
| Sea Containers   | 26               | 0               |
| Household Goods  | 98               | 2               |
| Other            | 33               | 8               |

**EXOTIC PESTS INTERCEPTED\***

| <b>Pest</b>                                                     | <b>Rating</b> | <b>Number of Interceptions</b> | <b>Pest</b>                                    | <b>Rating</b> | <b>Number of Interceptions</b> |
|-----------------------------------------------------------------|---------------|--------------------------------|------------------------------------------------|---------------|--------------------------------|
| <u>Anastrepha sp.</u><br>exotic fruit fly                       | A             | 1                              | <u>Ants</u><br>(various species)               | Q             | 54                             |
| <u>Aonidiella orientalis</u><br>oriental scale                  | A             | 2                              | <u>Aphids</u><br>(various species)             | Q             | 43                             |
| <u>Aspidiotus destructor</u><br>coconut scale                   | A             | 2                              | <u>Beetles</u><br>(various species)            | Q             | 4                              |
| <u>Ceroplastes rubens</u><br>red wax scale                      | A             | 2                              | <u>Bugs</u><br>(various species)               | Q             | 7                              |
| <u>Ceroplastes rusci</u><br>fig wax scale                       | A             | 1                              | <u>Katydid &amp; eggs</u><br>(various species) | Q             | 3                              |
| <u>Chrysodeixis eriosoma</u><br>noctuid moth                    | A             | 1                              | <u>Leafhopper</u><br>(various species)         | Q             | 10                             |
| <u>Coccus viridis</u><br>green scale                            | A             | 5                              | <u>Mealybugs</u><br>(various species)          | Q             | 22                             |
| <u>Diastrophus radicum</u><br>root gall wasp                    | A             | 9                              | <u>Moths</u><br>(various species)              | Q             | 4                              |
| <u>Diatraea saccharalis</u><br>sugarcane borer                  | A             | 1                              | <u>Plant hoppers</u><br>(various species)      | Q             | 13                             |
| <u>Hemiberlesia palmae</u><br>tropical palm scale               | A             | 7                              | <u>Scales</u><br>(various species)             | Q             | 10                             |
| <u>Howardia biclavis</u><br>mining scale                        | A             | 1                              | <u>Slugs</u><br>(various species)              | Q             | 12                             |
| <u>Pinnaspis buxi</u><br>boxwood scale                          | A             | 9                              | <u>Snails</u>                                  | Q             | 6                              |
| <u>Pinnaspis strachani</u><br>lesser snow scale                 | A             | 6                              | <u>Weevils</u><br>(various species)            | Q             | 3                              |
| <u>Pseudaulacaspis cockerelli</u><br>magnolia white scale       | A             | 31                             | <u>Weeds</u><br>(various species)              | Q             | 4                              |
| <u>Pseudoparlatoria parlatoriodes</u><br>false parlatoria scale | A             | 1                              | <u>Whiteflies</u><br>(various species)         | Q             | 22                             |
| <u>Solenopsis invicta</u><br>red imported fire ant              | A             | 1                              | <u>Other</u>                                   | Q             | 7                              |

\*Pest rating designation of "A" or "Q" requires that quarantined plant products be destroyed, treated under departmental supervision, or shipped out of state.

**— AGRICULTURAL INDUSTRY —**

**ALTERNATIVE PEST CONTROL MEASURES**

The following alternative pest control methods are being utilized on indoor ornamentals, outdoor ornamentals, vegetables and fruit.

|                                          |                                    |                              |
|------------------------------------------|------------------------------------|------------------------------|
| <u>Bacillus thuringiensis</u> , bacteria | Predatory Mites                    | Refined Oils                 |
| Lacewings                                | Insect Monitoring, Pheromone Traps | Cover Crops                  |
| Ladybird Beetles                         | Botanicals                         | Crop Rotation                |
| Parasitic Nematodes                      | Insect Growth Regulators           | Steam Sterilization of Soils |
| Parasitic Wasps                          | Insecticidal Soaps                 | Weed Covers                  |

**ORGANIC FARMING**

**Crops**

|                        |                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Number of Farms</b> | Apples, arugula, artichokes, asparagus, beans, berries, beets, broccoli, brussels sprouts, cabbage, carrots, chard, collard greens, corn, cucumbers, eggs, eggplant, flowers (cut), garlic, hay (oat), herbs, horseradish, kale, leeks, lemons, lettuce, onions, peas, peppers, potatoes, pumpkins, spinach, strawberries, squash, tomatoes, turnips, vegetable transplants, watermelon. |
| <b>10</b>              |                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Estimated Acres</b> |                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>170</b>             |                                                                                                                                                                                                                                                                                                                                                                                          |

**SAN MATEO COUNTY**

**Department of Agriculture/Weights & Measures**

**728 Heller Street**

**P.O. Box 999**

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