

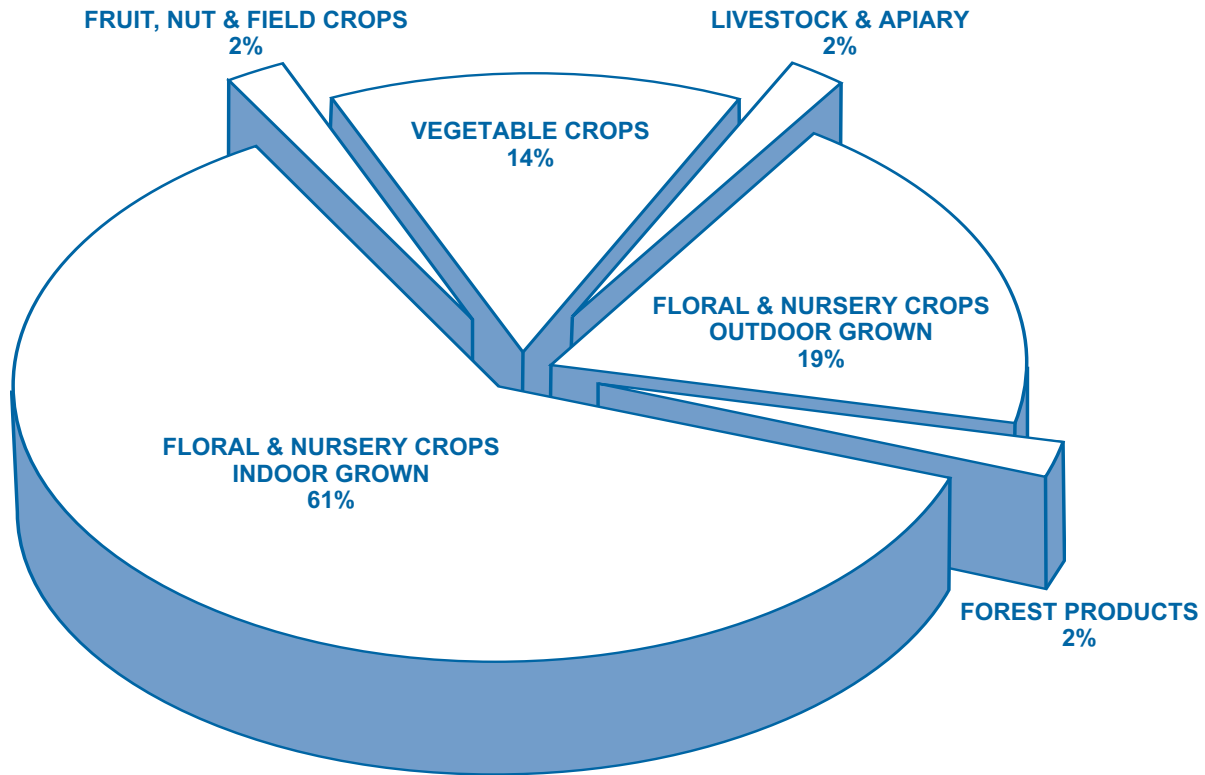
# SAN MATEO COUNTY

## 2006 AGRICULTURAL CROP REPORT



# SAN MATEO COUNTY 2006 CROP SUMMARY

**TOTAL PRODUCTION VALUE \$168,523,000**



## *On the Cover:*

Pictured on the cover of our 2006 Crop Report are American Alpine goats at Harley Farms Goat Dairy in Pescadero. Lisa, the farm's "number one" goat, is featured front and center in the photo. Fifty years ago, San Mateo County had 20 dairies with 7,341 dairy cows. Today the County has one dairy, and it only has goats. Dee Harley started her nine-acre goat farm 16 years ago on the site of a 1910 dairy. The dairy barn now houses a milking parlor and cheese making room, which can be seen during a Harley Farms group tour. Each American Alpine goat produces one gallon of milk per day, which makes one pound of cheese. The 200 dairy goats at Harley Farms produce some of the finest goat cheese in the country. The artisan goat cheese, topped with fruit, herbs and edible flowers, has won the American Cheese Society award for six consecutive years.

Cover photographs by William Shek

SAN MATEO COUNTY HEALTH DEPARTMENT  
AGRICULTURE / WEIGHTS & MEASURES DIVISION  
728 Heller Street • P.O. Box 999 • Redwood City, California 94064-0999  
(650) 363-4700 • Fax 367-0130 • [smateoag@co.sanmateo.ca.us](mailto:smateoag@co.sanmateo.ca.us)  
[www.co.sanmateo.ca.us/agwm](http://www.co.sanmateo.ca.us/agwm)

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

---



**A. G. Kawamura, Secretary**  
California Department of Food & 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  
Adrienne J. Tissier, 5th District

I am pleased to submit the 2006 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 2006 was \$168,523,000, a 3.9% increase from the total production value for 2005, (\$162,056,000). This value does not reflect the real impact agricultural production has on the local economy. For every dollar of agricultural production, a multiplier of 3.5 may be applied. Using this factor, the estimated economic impact on San Mateo County for 2006 was \$590,000,000.

Although the overall value of Floral and Nursery Crops dropped 1.5% due to wet conditions during the early part of the season, Vegetable Crops experienced a 65% increase in value, primarily due to San Mateo County's largest mushroom farm going back into partial production. Small increases in the value of Forest Products, Fruit and Nut Crops, Livestock, and Livestock and Apiary Products also contributed to the 3.9% overall increase in agricultural production value.

The 2006 Agricultural Crop Report again features a "Fresh From San Mateo County Farms" section, which was initiated in the 2005 Crop Report. The number of Certified Farmers' Markets in San Mateo County continues to grow with the addition of a new Coastside Farmers' Market in Pacifica.

I wish to express my appreciation to all individuals, growers and agencies who contributed information for the preparation of this crop report, and especially to Ronald Pummer and Koren Widdel on my staff who compiled the report.

Respectfully submitted,

A handwritten signature in blue ink 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 _____   | 2006 | 491,000     | 348,000    | Bunch | \$ 2.27  | \$ 790,000    |
|  | 2005 | 474,000     | 382,000    | Bunch | 1.98     | 756,000       |
| Carnations _____   | 2006 | 165,000     | 1,019,000  | Bloom | 0.21     | 214,000       |
|  | 2005 | 165,000     | 1,280,000  | Bloom | 0.21     | 269,000       |
| Lilies _____   | 2006 | 341,000     | 521,000    | Bunch | 4.20     | 2,188,000     |
|  | 2005 | 315,000     | 570,000    | Bunch | 4.04     | 2,303,000     |
| Snapdragons _____  | 2006 | 1,071,000   | 1,239,000  | Bunch | 3.33     | 4,126,000     |
|  | 2005 | 1,252,000   | 1,037,000  | Bunch | 3.22     | 3,339,000     |
| Miscellaneous<br>Cut Flowers <sup>1</sup> _____            | 2006 | 849,000     |            |       |          | 2,561,000     |
|  | 2005 | 832,000     |            |       |          | 1,954,000     |
| <b>Potted Plants</b>                                       |      |             |            |       |          |               |
| Flowering  |      |             |            |       |          |               |
| Lilies <sup>2</sup> _____                                  | 2006 | 557,000     | 1,770,000  | Pot   | \$ 4.42  | \$ 7,823,000  |
|  | 2005 | 455,000     | 971,000    | Pot   | 3.79     | 3,680,000     |
| Orchids _____  | 2006 | 519,000     | 995,000    | Pot   | 12.35    | 12,288,000    |
|  | 2005 | 577,000     | 735,000    | Pot   | 14.01    | 10,297,000    |
| Poinsettias _____  | 2006 | 537,000     | 827,000    | Pot   | 4.40     | 3,639,000     |
|  | 2005 | 526,000     | 806,000    | Pot   | 4.71     | 3,796,000     |
| Miscellaneous <sup>3</sup> _____                           | 2006 | 6,976,000   |            |       |          | 57,090,000    |
|  | 2005 | 7,480,000   |            |       |          | 61,119,000    |
| Foliage <sup>4</sup> _____                                 | 2006 | 1,701,000   |            |       |          | 10,446,000    |
|  | 2005 | 2,118,000   |            |       |          | 15,446,000    |
| Subtotal _____   | 2006 | 13,207,000  |            |       |          | \$101,165,000 |
|  | 2005 | 14,194,000  |            |       |          | 102,959,000   |
| <b>Propagated</b>  |      |             |            |       |          |               |
| Bedding Plants _____<br>(Ivy, Impatiens, Marigolds, etc.)  | 2006 | 251,000     |            |       |          | \$ 719,000    |
|  | 2005 | 427,000     |            |       |          | 1,454,000     |
| Cuttings and Liners _____<br>(Ferns, Hydrangea, Ivy, etc.) | 2006 | 98,000      |            |       |          | 1,504,000     |
|  | 2005 | 99,000      |            |       |          | 1,509,000     |
| <b>TOTAL</b> _____   | 2006 | 13,556,000  |            |       |          | \$103,388,000 |
|  | 2005 | 14,720,000  |            |       |          | 105,922,000   |
| Total Glass and Plastic Area _____ 6,352,000 Square Feet   |      |             |            |       |          |               |

1 Includes Chrysanthemum, Freesia, Gardenia, Roses, etc.

2 Includes Calla Lilies, Easter Lilies, Hybrid Lilies, Oriental Lilies, etc.

3 Includes Azaleas, Campanula, Cyclamen, Freesia, Hydrangea, Roses, Tulips, etc.

4 Includes Fern, Ficus, Ivy, Pothos, Spathiphyllum, etc.

# FLORAL AND NURSERY CROPS OUTDOOR GROWN

| Item   | Year | Acres | Production | Unit  | VALUE    |              |
|--|------|-------|------------|-------|----------|--------------|
|  |      |       |            |       | Per Unit | Total        |
| Calla Lily _____                                     | 2006 | 30    | 91,000     | Bunch | \$4.16   | \$ 379,000   |
|  | 2005 | 30    | 95,000     | Bunch | 3.50     | 333,000      |
| Daisies _____  | 2006 | 21    | 208,000    | Bunch | 1.44     | 300,000      |
|  | 2005 | 19    | 227,000    | Bunch | 1.14     | 259,000      |
| Heather _____  | 2006 | 29    | 131,000    | Bunch | 1.97     | 258,000      |
|  | 2005 | 26    | 46,000     | Bunch | 1.93     | 89,000       |
| Iris _____   | 2006 | 8     | 207,000    | Bunch | 2.72     | 563,000      |
|  | 2005 | 13    | 337,000    | Bunch | 2.88     | 971,000      |
| Larkspur _____                                       | 2006 | 23    | 90,000     | Bunch | 2.81     | 253,000      |
|  | 2005 | 19    | 89,000     | Bunch | 2.76     | 246,000      |
| Stock _____  | 2006 | 67    | 141,000    | Bunch | 3.04     | 429,000      |
|  | 2005 | 66    | 208,000    | Bunch | 2.91     | 605,000      |
| Sunflowers _____                                     | 2006 | 26    | 104,000    | Bunch | 2.39     | 249,000      |
|  | 2005 | 26    | 110,000    | Bunch | 2.25     | 248,000      |
| Yarrow _____   | 2006 | 41    | 233,000    | Bunch | 1.76     | 410,000      |
|  | 2005 | 46    | 280,000    | Bunch | 1.58     | 442,000      |
| Miscellaneous _____<br>Flower / Foliage <sup>1</sup> | 2006 | 313   |            |       |          | 4,769,000    |
|  | 2005 | 288   |            |       |          | 4,660,000    |
| Subtotal _____                                       | 2006 | 558   |            |       |          | \$ 7,610,000 |
|  | 2005 | 533   |            |       |          | 7,853,000    |
| <b>Ornamentals</b>                                   |      |       |            |       |          |              |
| Herbaceous _____<br>Perennials <sup>2</sup>          | 2006 | 15    |            |       |          | \$ 2,359,000 |
|  | 2005 | 18    |            |       |          | 2,717,000    |
| Christmas Trees _____                                | 2006 | 154   |            |       |          | 456,000      |
|  | 2005 | 174   |            |       |          | 393,000      |
| Nursery Stock <sup>3</sup> _____                     | 2006 | 174   |            |       |          | 22,208,000   |
|  | 2005 | 179   |            |       |          | 22,569,000   |
| <b>TOTAL</b> _____                                   | 2006 | 901   |            |       |          | \$32,633,000 |
|  | 2005 | 904   |            |       |          | 33,532,000   |

1 Includes Dahlia, Delphinium, Eucalyptus, Gypsophila, Statice, etc.

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

3 Includes Heather, Mini Christmas trees, other trees and shrubs

## VEGETABLE CROPS

| Crop  | Year | Acres | PRODUCTION |       | Unit | VALUE      |              |
|---|------|-------|------------|-------|------|------------|--------------|
|   |      |       | Per Acre   | Total |      | Per Unit   | Total        |
| Artichokes _____  | 2006 | 75    | 4.82       | 362   | Ton  | \$1,675.00 | \$ 606,000   |
|   | 2005 | 94    | 4.03       | 379   | Ton  | 1,508.00   | 572,000      |
| Beans, Snap _____   | 2006 | 121   | 3.62       | 438   | Ton  | 1,291.00   | 565,000      |
|   | 2005 | 114   | 5.73       | 653   | Ton  | 1,328.00   | 867,000      |
| Brussels Sprouts <sup>1</sup> _____                                 | 2006 | 715   | 10.03      | 7,171 | Ton  | 837.00     | 6,002,000    |
|   | 2005 | 721   | 9.78       | 7,051 | Ton  | 779.00     | 5,493,000    |
| Leeks _____   | 2006 | 171   | 10.99      | 1,879 | Ton  | 893.00     | 1,678,000    |
|   | 2005 | 139   | 10.06      | 1,398 | Ton  | 901.00     | 1,260,000    |
| Mushrooms _____   | 2006 | 9     |            |       |      |            | 9,290,000    |
|   | 2005 | 2     |            |       |      |            | 560,000      |
| Peas _____  | 2006 | 244   | 2.39       | 583   | Ton  | 1,290.00   | 752,000      |
|   | 2005 | 248   | 2.39       | 593   | Ton  | 1,227.00   | 728,000      |
| Pumpkins _____  | 2006 | 257   | 10.34      | 2,657 | Ton  | 214.00     | 569,000      |
|   | 2005 | 215   | 10.73      | 2,307 | Ton  | 214.00     | 494,000      |
| Miscellaneous Vegetables ___<br>Field and Indoor Grown <sup>2</sup> | 2006 | 626   |            |       |      |            | 3,193,000    |
|   | 2005 | 841   |            |       |      |            | 3,732,000    |
| <b>TOTAL</b> _____  | 2006 | 2,218 |            |       |      |            | \$22,655,000 |
|   | 2005 | 2,374 |            |       |      |            | 13,706,000   |

1 Includes Processed

2 Includes Beets, Cabbage, Corn, Herbs, Leaf Lettuce, Potatoes, Swiss Chard, Tomatoes, etc.

## FIELD CROPS

| Crop                                 | Year | Acres  | PRODUCTION |       | Unit | VALUE      |           |
|--------------------------------------|------|--------|------------|-------|------|------------|-----------|
|                                      |      |        | Per Acre   | Total |      | Per Unit   | Total     |
| Beans, Dry Edible <sup>1</sup> _____ | 2006 | 65     | 0.82       | 53    | Ton  | \$2,940.00 | \$156,000 |
|                                      | 2005 | 65     | 0.82       | 53    | Ton  | 2,930.00   | 155,000   |
| Grain                                |      |        |            |       |      |            |           |
| Oats _____                           | 2006 | 400    | 0.60       | 240   | Ton  | 300.00     | 72,000    |
|                                      | 2005 | 200    | 0.60       | 120   | Ton  | 300.00     | 36,000    |
| Hay                                  |      |        |            |       |      |            |           |
| Oats _____                           | 2006 | 283    | 2.49       | 705   | Ton  | 127.00     | 90,000    |
|                                      | 2005 | 303    | 2.78       | 842   | Ton  | 179.00     | 151,000   |
| Volunteer _____                      | 2006 | 187    | 2.03       | 380   | Ton  | 78.00      | 30,000    |
|                                      | 2005 | 307    | 2.10       | 645   | Ton  | 91.00      | 59,000    |
| Pasture                              |      |        |            |       |      |            |           |
| Irrigated _____                      | 2006 | 300    |            |       |      | 140.00     | 42,000    |
|                                      | 2005 | 300    |            |       |      | 140.00     | 42,000    |
| Other _____                          | 2006 | 30,000 |            |       |      | 9.00       | 270,000   |
|                                      | 2005 | 30,000 |            |       |      | 9.00       | 270,000   |
| <b>TOTAL</b> _____                   | 2006 | 31,235 |            |       |      |            | \$660,000 |
|                                      | 2005 | 31,175 |            |       |      |            | 713,000   |

1 Includes Cranberry, Fava, etc.

## FRUIT AND NUT CROPS

| Item                       | Year | Acres | Total Value |
|----------------------------|------|-------|-------------|
| Bushberries                | 2006 | 31    | \$ 694,000  |
|                            | 2005 | 31    | 642,000     |
| Strawberries               | 2006 | 17    | 413,000     |
|                            | 2005 | 11    | 228,000     |
| Wine Grapes                | 2006 | 89    | 531,000     |
|                            | 2005 | 88    | 451,000     |
| Miscellaneous <sup>1</sup> | 2006 | 57    | 405,000     |
|                            | 2005 | 70    | 402,000     |
| <b>TOTAL</b>               | 2006 | 194   | \$2,043,000 |
|                            | 2005 | 200   | 1,723,000   |

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

## LIVESTOCK

| Item               | Year | Number Head Sold | Total Value |
|--------------------|------|------------------|-------------|
| Cattle and Calves  | 2006 | 2,835            | \$1,802,000 |
|                    | 2005 | 2,407            | 1,363,000   |
| Sheep and Lambs    | 2006 | 928              | 91,000      |
|                    | 2005 | 854              | 83,000      |
| Hogs and Pigs      | 2006 | 1,627            | 175,000     |
|                    | 2005 | 1,448            | 227,000     |
| Other <sup>1</sup> | 2006 | 1,639            | 275,000     |
|                    | 2005 | 2,080            | 374,000     |
| <b>TOTAL</b>       | 2006 |                  | \$2,343,000 |
|                    | 2005 |                  | 2,047,000   |

<sup>1</sup> Includes Chickens, Goats, Turkeys, etc.

## LIVESTOCK AND APIARY PRODUCTS

| Item               | Year | Production | Unit | VALUE    |           |
|--------------------|------|------------|------|----------|-----------|
|                    |      |            |      | Per Unit | Total     |
| Honey              | 2006 | 34,000     | LB.  | \$3.73   | \$127,000 |
|                    | 2005 | 35,000     | LB.  | 3.71     | 130,000   |
| Beeswax            | 2006 | 360        | LB.  | 3.33     | 1,000     |
|                    | 2005 | 450        | LB.  | 3.33     | 2,000     |
| Other <sup>1</sup> | 2006 |            |      |          | 628,000   |
|                    | 2005 |            |      |          | 622,000   |
| <b>TOTAL</b>       | 2006 |            |      |          | \$756,000 |
|                    | 2005 |            |      |          | 754,000   |

<sup>1</sup> Includes Goat Cheese, Eggs, Wool

# FOREST PRODUCTS

|                    |      |           |            |             |
|--------------------|------|-----------|------------|-------------|
| <b>TOTAL</b> _____ | 2006 | 5,731,000 | Board Feet | \$4,045,000 |
|                    | 2005 | 5,721,000 | Board Feet | 3,659,000   |

# COMMERCIAL FISH CATCH

| Species                      | Year | Pounds    | Value       |
|------------------------------|------|-----------|-------------|
| Crab, dungeness _____        | 2005 | 1,438,237 | \$2,706,368 |
|                              | 2004 | 1,263,486 | 2,296,028   |
| Salmon, Chinook _____        | 2005 | 761,894   | 2,239,121   |
|                              | 2004 | 1,117,992 | 3,284,897   |
| Halibut, California _____    | 2005 | 199,367   | 529,937     |
|                              | 2004 | 151,613   | 391,499     |
| Sole, all _____              | 2005 | 229,236   | 221,939     |
|                              | 2004 | 181,198   | 137,618     |
| Sablefish _____              | 2005 | 43,569    | 73,428      |
|                              | 2004 | 42,874    | 47,862      |
| Sandab _____                 | 2005 | 91,172    | 47,544      |
|                              | 2004 | 330,192   | 123,653     |
| Sardine, Pacific _____       | 2005 | 681,196   | 27,258      |
|                              | 2004 | 815,854   | 34,218      |
| Flounder, all _____          | 2005 | 32,834    | 23,396      |
|                              | 2004 | 28,416    | 16,623      |
| Rockfish, all _____          | 2005 | 9,618     | 22,768      |
|                              | 2004 | 11,954    | 23,677      |
| Lingcod _____                | 2005 | 9,697     | 20,830      |
|                              | 2004 | 9,597     | 18,631      |
| Tuna, albacore _____         | 2005 | 10,878    | 20,531      |
|                              | 2004 | 13,116    | 31,587      |
| Crab, rock unspecified _____ | 2005 | 9,852     | 18,477      |
|                              | 2004 | 16,873    | 61,169      |
| Miscellaneous _____          | 2005 | 21,986    | 11,669      |
|                              | 2004 | 386,105   | 105,586     |
| <b>TOTAL</b> _____           | 2005 | 3,539,536 | \$5,963,266 |
|                              | 2004 | 4,369,270 | 6,573,048   |

Source: California Department of Fish and Game  
 Poundage Value of Landings for Princeton – Half Moon Bay  
 Informational only — value not included in Annual Report



# RECAPITULATION

## PRODUCTION VALUES

|                                     | 2006                 | 2005                 |
|-------------------------------------|----------------------|----------------------|
| FLORAL AND NURSERY CROPS .....      | \$136,021,000        | \$139,454,000        |
| VEGETABLE CROPS .....               | 22,655,000           | 13,706,000           |
| FOREST PRODUCTS .....               | 4,045,000            | 3,659,000            |
| LIVESTOCK .....                     | 2,343,000            | 2,047,000            |
| FRUIT AND NUT CROPS .....           | 2,043,000            | 1,723,000            |
| LIVESTOCK AND APIARY PRODUCTS ..... | 756,000              | 754,000              |
| FIELD CROPS .....                   | 660,000              | 713,000              |
| <b>TOTAL .....</b>                  | <b>\$168,523,000</b> | <b>\$162,056,000</b> |

## MILLION DOLLAR CROPS

|                                | 2006         | 2005         |
|--------------------------------|--------------|--------------|
| Ornamental Nursery Stock ..... | \$22,208,000 | \$22,569,000 |
| Orchids (potted) .....         | 12,288,000   | 10,297,000   |
| Potted Foliage Plants .....    | 10,446,000   | 15,446,000   |
| Mushrooms .....                | 9,290,000    | 560,000      |
| Lilies (potted) .....          | 7,823,000    | 3,680,000    |
| Brussels Sprouts .....         | 6,002,000    | 5,493,000    |
| Snapdragons .....              | 4,126,000    | 3,339,000    |
| Forest Products .....          | 4,045,000    | 3,659,000    |
| Poinsettia (potted) .....      | 3,639,000    | 3,796,000    |
| Herbaceous Perennials .....    | 2,359,000    | 2,717,000    |
| Lilies (cut) .....             | 2,188,000    | 2,303,000    |
| Cattle and Calves .....        | 1,802,000    | 1,363,000    |
| Leeks .....                    | 1,678,000    | 1,260,000    |
| Cuttings and Liners .....      | 1,504,000    | 1,509,000    |

## 50 YEARS AGO...

### Top Ten Agricultural Commodities in 1956

| Item                                       |                       | TOTAL VALUE |
|--|-----------------------|-------------|
| 1. Brussels Sprouts .....                  | 2,590 Acres           | \$2,154,880 |
| 2. Chrysanthemum (Field Grown) .....       | 168 Acres             | 1,269,895   |
| 3. Carnation (Glass House Grown) .....     | 1,080,482 Square Feet | 1,090,889   |
| 4. Potted Plants (Glass House Grown) ..... | 686,204 Square Feet   | 940,100     |
| 5. Hogs .....                              | 19,436 Head           | 844,910     |
| 6. Dairy Cattle .....                      | 7,341 Head            | 714,471     |
| 7. Artichokes .....                        | 1,270 Acres           | 444,500     |
| 8. Lettuce .....                           | 511 Acres             | 439,045     |
| 9. Beef .....                              | 6,229 Head            | 427,690     |
| 10. Propagated Nursery Stock .....         | 123,723 Square Feet   | 425,569     |
| (Glass House Grown)                        |                       |             |

# FRESH FROM SAN MATEO COUNTY FARMS

---

## — CERTIFIED FARMERS' MARKETS —

San Mateo County currently has 14 Certified Farmers' Markets where local growers sell their fresh produce and flowers directly to county residents.

### **Belmont Certified Farmers' Market**

El Camino Real at O'Neill

Sunday: 9:00 am – 1:00 pm

May – November

### **Millbrae Certified Farmers' Market**

200 Block of Broadway

Saturday: 8:00 am – 1:00 pm

All Year

### **Coastside Farmers' Market, Half Moon Bay**

Shoreline Station

Saturday: 9:00 am – 1:00 pm

May – November

### **Redwood City Certified Farmers' Market**

Winslow, near Broadway

Saturday: 8:00 am – 12:00 noon

April – November

### **Coastside Farmers' Market, Pacifica**

400 Old County Road

Wednesday: 2:30 pm – 6:30 pm

May – November

### **San Carlos Certified Farmers' Market**

Laurel Street, between Olive & Cherry

Thursday: 4:00 pm – 8:00 pm

June – September

### **Daly City Certified Farmers' Market**

Serramonte Shopping Center

Serramonte Boulevard

Thursday: 9:00 am – 1:00 pm

Saturday: 9:00 am – 1:00 pm

All Year

### **San Mateo Certified Farmers' Market**

College of San Mateo

East Hillsdale & Campus Drive

Wednesday: 9:00 am – 1:00 pm

Saturday: 9:00 am – 1:00 pm

All Year

### **Kaiser Hospital, Redwood City**

Veterans & Maple

Wednesday: 10:00 am – 2:00 pm

May – December

### **25th Avenue Certified Farmers' Market**

194 W 25th Avenue, San Mateo

Tuesday: 4:00 pm – 8:00 pm

May – October

### **Kaiser Hospital, South San Francisco**

1200 El Camino Real

Tuesday: 10:00 am – 2:00 pm

All Year

### **South San Francisco Farmers' Market**

Orange Memorial Park

Saturday: 9:00 am – 1:00 pm

May – November

### **Menlo Park Certified Farmers' Market**

Chestnut at Crane

Sunday: 9:30 am – 1:30 pm

All Year

### **The Fresh Market, Burlingame**

Howard Avenue

between Park & Primrose

Sunday: 9:00 am – 1:30 pm

May – November

# FRESH FROM SAN MATEO COUNTY FARMS

---

## — COASTAL FLOWER MARKET —

On the third Saturday of each month, Half Moon Bay hosts the Coastal Flower Market where local flower growers sell fresh flowers and potted plants directly to the public. The market is open from 10:00 am to 4:00 pm and is located at Kelly Avenue and Main Street from May through September, and in La Piazza on Main Street from October through April.

## — HARVEST GUIDE —

The San Mateo County Farm Bureau *Harvest Guide* provides a map and information on local farm stands, farms and Pillar Point Harbor where the public can buy fresh fruits, vegetables, flowers and fish. The guide can be obtained by visiting the San Mateo County Farm Bureau website at <http://sanmateo.cfbf.com/> or by sending a self-addressed stamped envelope to SMC Farm Bureau, 765 Main Street, Half Moon Bay, CA 94019.

## Department of Agriculture COASTSIDE RAIN STATIONS

---

|             | Half Moon Bay | Pescadero    |
|-------------|---------------|--------------|
| 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 |
| 2001 / 2002 | *             | 22.06 inches |
| 2002 / 2003 | *             | 24.95 inches |
| 2003 / 2004 | 23.15 inches  | 19.29 inches |
| 2004 / 2005 | 37.83 inches  | 32.61 inches |
| 2005 / 2006 | 35.58 inches  | 30.30 inches |

---

\*Data not available.

# SAN MATEO COUNTY 2006 SUSTAINABLE AGRICULTURE REPORT

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 organic farming and alternative pest control measures employed by the agricultural industry.

## — COUNTY PROGRAMS —

### BIOLOGICAL CONTROL

| Pest                | Agent/Mechanism  | Scope of Program   |
|---------------------|--|--|
| Yellow Star Thistle | <i>Bangasternus orientalis</i> , weevil<br><i>Eustenopus villosus</i> , weevil   | Monitored established populations of these two bio-control agents at 13 sites. |
|                     | <i>Urophora sirunaseva</i> , gall fly  | Monitored established populations at 5 sites.                                  |
| Ash Whitefly        | The release and natural disbursement of <i>Encarsia partenopea</i> and <i>Clitostethus arcuatus</i> 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 five locations. Skeletonweed can easily out-compete native vegetation thereby decreasing the forage on natural rangelands. The plant can spread from rangeland to cultivated fields by seed. Once skeletonweed has spread to cultivated fields, mechanical injury to the plant root will induce new root growth and the plant can reproduce from root fragments, compounding the infestation. This is an "A" rated pest. Pests with this designation are detrimental to agriculture and require complete eradication.

Purple loosestrife, *Lythrum salicaria*, was found in the county and treated at two locations. Purple loosestrife grows best in wet soils around lakes, ponds, streams and ditches. One plant can produce up to 2.7 million seeds, allowing the plant to spread quickly. The invasive nature of purple loosestrife allows it to displace native vegetation and associated wildlife, clog waterways and affect water quality. This is a "B" rated pest. Pests with this designation can also be detrimental to agriculture and are subject to eradication at the discretion of the agricultural commissioner.

### PEST DETECTION

#### Insect Trapping for Exotic Pests

This proactive program is designed to detect pests before they become established. In 2006, the Department deployed 4,396 insect traps throughout the County to catch exotic pests. 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. Staff serviced these traps a total of 60,718 times during the year. Early detection and eradication of harmful pests protects California's agricultural industry, home gardens, parks and natural resources and reduces the need for pesticides.

Four adult male Gypsy Moths, *Lymantria dispar*, were found at two locations. Additional traps were set within one square mile of each find for a total of 116 additional traps. No additional Gypsy Moths were detected.

Two adult female Japanese Beetles, *Popillia japonica*, were found at two locations. Additional traps were set within one square mile of each find for a total of 52 additional traps. No additional Japanese Beetles were detected.

One adult male Peach Fruit Fly, *Bactrocera zonata*, was found. Additional traps were set within one square mile of each find for a total of 50 additional traps. No additional Peach Fruit Flies were detected.

## PEST EXCLUSION

The Pest Exclusion Program provides the first line of defense for California's agricultural industry and environment from the introduction of exotic insects, weeds and plant diseases that "hitchhike" in from other states and countries. Incoming shipments of plants and produce arrive at various locations in the County, including San Francisco International Airport and wholesale nurseries where they are inspected for harmful pests and diseases. 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_____ | 49               | 1               |
| Truck_____           | 1,727            | 16              |
| Air_____             | 6,416            | 708             |
| Sea Containers_____  | 12               | 0               |
| Household Goods_____ | 23               | 0               |
| Other_____           | 16               | 0               |

## EXOTIC PESTS INTERCEPTED\*

| Pest   | Rating | Number of Interceptions | Pest  | Rating | Number of Interceptions |
|--|--------|-------------------------|---|--------|-------------------------|
| <i>Aspidiotus destructor</i><br>coconut scale                    | A      | 12                      | <i>Selenaspidus articulatus</i><br>rufous scale             | A      | 8                       |
| <i>Achatina fulica</i><br>giant African snail                    | A      | 3                       | <i>Solenopsis geminata</i><br>fire ant                      | A      | 1                       |
| <i>Chrysodeixis chalcites</i><br>green garden looper             | A      | 11                      | <i>Sybra alternans</i><br>long-horn beetle                  | A      | 2                       |
| <i>Chrysodeixis eriosoma</i><br>green garden looper              | A      | 8                       | <b>Ants</b><br>(various species)                            | Q      | 188                     |
| <i>Clavaspis herculeana</i><br>Herculeana scale                  | A      | 1                       | <b>Aphids</b><br>(various species)                          | Q      | 30                      |
| <i>Dysmicoccus grassii</i><br>mealybug                           | A      | 1                       | <b>Beetles</b><br>(various species)                         | Q      | 16                      |
| <i>Hemiberlesia palmae</i><br>palm scale                         | A      | 1                       | <b>Bugs</b><br>(various species)                            | Q      | 65                      |
| <i>Lamellaxis sp.</i><br>Snail                                   | A      | 1                       | <b>Flies</b><br>(various species)                           | Q      | 7                       |
| <i>Lopholeucaspis cockerelli</i><br>cockerell scale              | A      | 1                       | <b>Katydid</b><br>(various species)                         | Q      | 22                      |
| <i>Maconellicoccus hirsutus</i><br>pink hibiscus mealybug        | A      | 5                       | <b>Leafhoppers &amp; Plant hoppers</b><br>(various species) | Q      | 127                     |
| <i>Pinnaspis buxi</i><br>boxwood scale                           | A      | 58                      | <b>Mealybugs</b><br>(various species)                       | Q      | 59                      |
| <i>Pinnaspis strachani</i><br>lesser snow scale                  | A      | 12                      | <b>Moths</b><br>(various species)                           | Q      | 74                      |
| <i>Pseudaulacaspis cockerelli</i><br>magnolia white scale        | A      | 48                      | <b>Scales</b><br>(various species)                          | Q      | 123                     |
| <i>Pseudaulacaspis pentagona</i><br>white peach scale            | A      | 1                       | <b>Snails &amp; Slugs</b><br>(various species)              | Q      | 23                      |
| <i>Pseudococcus cryptus</i><br>citriculus mealybug               | A      | 4                       | <b>Weeds</b><br>(various species)                           | Q      | 3                       |
| <i>Pseudococcus elisae</i><br>exotic mealybug                    | A      | 2                       | <b>Weevils</b><br>(various species)                         | Q      | 7                       |
| <i>Pseudococcus importatus</i><br>imported mealybug              | A      | 1                       | <b>Whitefly</b><br>(various species)                        | Q      | 76                      |
| <i>Pseudoparlatoria parlatorioides</i><br>false parlatoria scale | A      | 4                       | <b>Other</b><br>(various species)                           | Q      | 29                      |

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

# SAN MATEO COUNTY 2006 SUSTAINABLE AGRICULTURE REPORT

---

## — AGRICULTURAL INDUSTRY —

### ALTERNATIVE PEST CONTROL MEASURES

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

|  |                     |                              |
|--|---------------------|------------------------------|
| <i>Bacillus thuringiensis</i> , bacteria | Insecticidal Soaps  | Pheromone Traps              |
| <i>Bacillus subtilis</i> , bacteria      | Lacewings           | Predatory Mites              |
| Botanicals                               | Ladybird Beetles    | Refined Oils                 |
| Biological Fungicides                    | Mechanical          | Steam Sterilization of Soils |
| Cover Crops                              | Mulch               | Weed Covers                  |
| Insect Growth Regulators                 | Parasitic Nematodes | Vertebrate Traps             |
| Insect Monitoring                        | Parasitic Wasps     |                              |

### ORGANIC FARMING

All San Mateo County producers of organic produce are required to be certified and to register with the State as outlined in the California Organic Products Act of 2003. Only agricultural operations currently registered with the California Department of Food and Agriculture are included in this report.

| Number of Farms | Acres          |
|-----------------|----------------|
| 2006 _____ 8    | 2006 _____ 153 |
| 2005 _____ 9    | 2005 _____ 163 |

### Crops

|                  |                        |            |                       |
|------------------|------------------------|------------|-----------------------|
| Apples           | Cauliflower            | Leeks      | Quince                |
| Apricots         | Chard                  | Lettuce    | Radish                |
| Artichokes       | Cucumbers              | Nectarines | Spinach               |
| Arugula          | Eggs                   | Oats       | Strawberries          |
| Beans            | Figs                   | Onions     | Squash                |
| Beets            | Flowers (Cut & Potted) | Peaches    | Tomatoes              |
| Broccoli         | Garlic                 | Pears      | Turnips               |
| Brussels Sprouts | Grapes                 | Peas       | Vegetable Transplants |
| Cabbage          | Herbs                  | Plums      | Watermelon            |
| Carrots          | Kale                   | Potatoes   |                       |

# San Mateo County

## Department of Agriculture and Weights and Measures

---

### STAFF

---

#### **Agricultural Commissioner Sealer of Weights and Measures**

Gail M. Raabe

#### **Deputy Agricultural Commissioner / Sealers**

Leslie Buerer

Maria Mastrangelo

Ronald Pummer

#### **Biologist / Standards Specialists**

John Beall

Joseph Hannen

Donald Pendleton

Jeremy Eide

Grant Joo

Vincente Rodriguez

John Ferguson

Leonard Kuwahara

William Shek

Richard Garcia

David Leung

Bob Swanson

Jeffery Garibaldi

Ray Locke

Renald Toruno

Mike Garibaldi

Kara Marshall

Koren Widdel

#### **Pest Detection Supervisor**

Geoffrey Fowke

#### **Pest Detection Specialists**

Charles Baker

Jim Martin

Wright Batlin

Brent Hecht

Brian Miguel

Curtis Coffman

Darin Hoagland

Steve McDonagh

Carlos A. Eustaquio

Tom Hofstedt

Stasia McGehee

John Fisher

Gerardo Ibarra

Juan Molina

Bob Galbreath

Kathy Parnello

#### **Administrative Support**

##### **Fiscal Office Specialist**

Gail Ferraris

##### **Office Assistant II**

Maria Luna

# SAN MATEO COUNTY

## Department of Agriculture Weights & Measures

---

728 Heller Street  
P.O. Box 999  
Redwood City, California 94064-0999

