

# **SAN MATEO COUNTY**

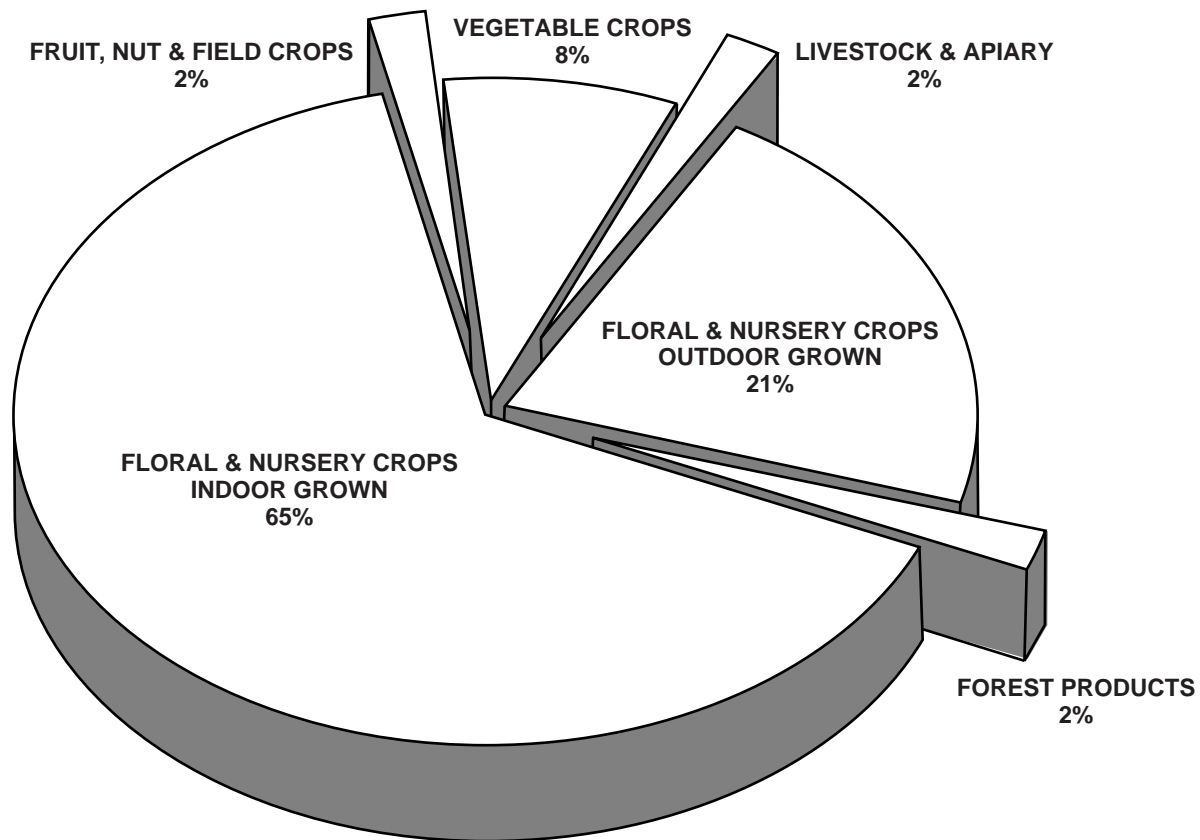
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## **2005 AGRICULTURAL CROP REPORT**



# SAN MATEO COUNTY 2005 CROP SUMMARY

TOTAL PRODUCTION VALUE \$162,056,000



## *On the Cover:*

Our 2005 Crop Report recognizes San Mateo County outdoor cut flower growers. Outdoor cut flowers were valued at \$7,853,000 in 2005. San Mateo County has 23 growers who produce more than 150 varieties of flowers including daisies, calla lily, heather, iris, larkspur, stock, sunflowers, yarrow, dahlia and alstroemeria. The majority of flower sales occur around holidays with Mother's Day being one of the most important sales periods. The field of alstroemeria on our cover is located on the south coast in Pescadero. Alstroemeria, also known as Peruvian lily, originated in the cool mountainous regions of Peru, Brazil and Chile.

Cover photographs by William Shek

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SAN MATEO COUNTY  
DEPARTMENT OF AGRICULTURE / WEIGHTS AND MEASURES

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**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 2005 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 2005 was \$162,056,000, a 10.7% decrease from the total production value for 2004, (\$181,536,000). 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 2005 was \$567,000,000.

With the temporary closure of San Mateo County's largest mushroom farm, there was a significant decline in mushroom production in 2005. This loss was offset by small increases in acreage or production for other vegetable crops and in Floral and Nursery Crops Indoor Grown, Fruit and Nut Crops, and Livestock. Outdoor grown nursery stock declined 16% in value, due to a decrease in production acreage. Board feet of harvested timber increased 51% over last year with a corresponding increase in value of \$1,856,000.

In order to present a broader picture of San Mateo County's bounty of fresh products, the 2005 report has been expanded to include information on the Princeton-Half Moon Bay commercial fish catch. Additionally, a "direct marketing" section now provides locations throughout the County where fresh fruits, vegetables, flowers and fish can be purchased directly from local farmers and fishermen. A new department staff list concludes the report on the inside back cover.

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 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 .....	2005	474,000	382,000	Bunch	\$ 1.98	\$ 756,000
	2004	459,000	345,000	Bunch	2.00	690,000
Carnations .....	2005	165,000	1,280,000	Bloom	0.21	269,000
	2004	121,000	1,319,000	Bloom	0.20	264,000
Lilies .....	2005	315,000	570,000	Bunch	4.04	2,303,000
	2004	296,000	630,000	Bunch	4.09	2,577,000
Snapdragons .....	2005	1,252,000	1,037,000	Bunch	3.22	3,339,000
	2004	1,117,000	941,000	Bunch	2.74	2,578,000
Miscellaneous .....	2005	832,000				1,954,000
Cut Flowers <sup>1</sup>	2004	652,000				1,601,000
<b>Potted Plants</b>						
Flowering						
Cyclamen .....	2005	87,000	78,000	Pot	\$ 4.28	\$ 334,000
	2004	82,000	99,000	Pot	4.50	446,000
Lilies <sup>2</sup> .....	2005	455,000	971,000	Pot	3.79	3,680,000
	2004	682,000	1,650,000	Pot	4.39	7,244,000
Orchids .....	2005	577,000	735,000	Pot	14.01	10,297,000
	2004	545,000	643,000	Pot	15.69	10,089,000
Poinsettias .....	2005	526,000	806,000	Pot	4.71	3,796,000
	2004	555,000	867,000	Pot	4.93	4,274,000
Miscellaneous <sup>3</sup> .....	2005	7,393,000				60,785,000
	2004	6,962,000				55,567,000
Foliage <sup>4</sup> .....	2005	2,118,000				15,446,000
	2004	2,139,000				17,060,000
Subtotal .....	2005	14,194,000				\$102,959,000
	2004	13,610,000				102,390,000
<b>Propagated</b>						
Bedding Plants .....	2005	427,000				\$ 1,454,000
	(Ivy, Impatiens, Marigolds, etc.) 2004	387,000				1,440,000
Cuttings and Liners .....	2005	99,000				1,509,000
	(Ferns, Hydrangea, Ivy, etc.) 2004	99,000				1,509,000
<b>TOTAL</b> .....	2005	14,720,000				\$105,922,000
	2004	14,096,000				105,339,000

Total Glass and Plastic Area ..... 6,352,000 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, Campanula, Cyclamen, Freesia, Hydrangea, 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
Calla Lily	2005	30	95,000	Bunch	\$3.50	\$ 333,000
	2004	28	96,000	Bunch	3.15	302,000
Daisies	2005	19	227,000	Bunch	1.14	259,000
	2004	22	250,000	Bunch	1.15	288,000
Heather	2005	26	46,000	Bunch	1.93	89,000
	2004	37	52,000	Bunch	2.27	118,000
Iris	2005	13	337,000	Bunch	2.88	971,000
	2004	14	338,000	Bunch	2.96	1,000,000
Larkspur	2005	19	89,000	Bunch	2.76	246,000
	2004	16	123,000	Bunch	2.70	332,000
Stock	2005	66	208,000	Bunch	2.91	605,000
	2004	68	159,000	Bunch	2.87	456,000
Sunflowers	2005	26	110,000	Bunch	2.25	248,000
	2004	29	118,000	Bunch	2.21	261,000
Yarrow	2005	46	280,000	Bunch	1.58	442,000
	2004	46	283,000	Bunch	1.58	447,000
Miscellaneous Flower / Foliage <sup>1</sup>	2005	288				4,660,000
	2004	276				4,341,000
Subtotal	2005	533				\$ 7,853,000
	2004	536				7,545,000
<b>Ornamentals</b>						
Herbaceous Perennials <sup>2</sup>	2005	18				\$ 2,717,000
	2004	16				2,469,000
Christmas Trees	2005	174				393,000
	2004	175				360,000
Nursery Stock <sup>3</sup>	2005	179				22,569,000
	2004	211				29,496,000
<b>TOTAL</b>	2005	904				\$33,532,000
	2004	938				39,870,000

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	PRODUCTION			Unit	VALUE	
		Acres	Per Acre	Total		Per Unit	Total
Artichokes <sup>1</sup> -----	2005	94	4.03	379	Ton	\$1,508.00	\$ 572,000
	2004	93	3.87	360	Ton	1,405.00	506,000
Beans, Snap -----	2005	114	5.73	653	Ton	1,328.00	867,000
	2004	158	3.38	534	Ton	1,213.00	648,000
Brussels Sprouts <sup>1</sup> -----	2005	721	9.78	7,051	Ton	779.00	5,493,000
	2004	734	10.13	7,435	Ton	804.00	5,978,000
Leeks -----	2005	139	10.06	1,398	Ton	901.00	1,260,000
	2004	155	10.23	1,586	Ton	823.00	1,305,000
Mushrooms -----	2005	2					560,000
	2004	14					17,046,000
Peas -----	2005	248	2.39	593	Ton	1,227.00	728,000
	2004	267	1.81	483	Ton	1,101.00	532,000
Pumpkins -----	2005	215	10.73	2,307	Ton	214.00	494,000
	2004	242	11.43	2,766	Ton	202.00	559,000
Miscellaneous Vegetables --- Field and Indoor Grown <sup>2</sup>	2005	841					3,732,000
	2004	773					3,271,000
<b>TOTAL</b> -----	2005	2,374					\$13,706,000
	2004	2,436					29,845,000

<sup>1</sup> Includes Processed

<sup>2</sup> Includes Beets, Cabbage, Corn, Herbs, Leaf Lettuce, Potatoes, Swiss Chard, Tomatoes, etc.

# FIELD CROPS

Crop	Year	PRODUCTION			Unit	VALUE	
		Acres	Per Acre	Total		Per Unit	Total
Beans, Dry Edible <sup>1</sup> -----	2005	65	0.82	53	Ton	\$2,930.00	\$155,000
	2004	50	0.81	41	Ton	3,400.00	139,000
Grain							
Oats -----	2005	200	0.60	120	Ton	300.00	36,000
	2004	200	0.80	160	Ton	400.00	64,000
Hay							
Oats -----	2005	303	2.78	842	Ton	179.00	151,000
	2004	300	2.92	876	Ton	191.00	167,000
Volunteer -----	2005	307	2.10	645	Ton	91.00	59,000
	2004	300	2.00	600	Ton	91.00	55,000
Pasture							
Irrigated -----	2005	300				140.00	42,000
	2004	300				140.00	42,000
Other -----	2005	30,000				9.00	270,000
	2004	30,000				9.00	270,000
<b>TOTAL</b> -----	2005	31,175					\$713,000
	2004	31,150					737,000

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

## FRUIT AND NUT CROPS

Item	Year	Acres	Total Value
Bushberries	2005	31	\$ 642,000
	2004	28	374,000
Strawberries	2005	11	228,000
	2004	15	282,000
Wine Grapes	2005	88	451,000
	2004	86	417,000
Miscellaneous <sup>1</sup>	2005	70	402,000
	2004	30	351,000
<b>TOTAL</b>	2005	200	\$1,723,000
	2004	159	1,424,000

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

## LIVESTOCK

Item	Year	Number Head Sold	Total Value
Cattle and Calves	2005	2,407	\$1,363,000
	2004	2,272	1,267,000
Sheep and Lambs	2005	854	83,000
	2004	859	83,000
Hogs and Pigs	2005	1,448	227,000
	2004	1,436	226,000
Other <sup>1</sup>	2005	2,080	374,000
	2004	2,025	201,000
<b>TOTAL</b>	2005		\$2,047,000
	2004		1,777,000

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

## LIVESTOCK AND APIARY PRODUCTS

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
Honey	2005	35,000	LB.	\$3.71	\$130,000
	2004	34,000	LB.	3.49	119,000
Beeswax	2005	450	LB.	3.33	2,000
	2004	450	LB.	2.59	1,000
Other <sup>1</sup>	2005				622,000
	2004				621,000
<b>TOTAL</b>	2005				\$754,000
	2004				741,000

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

# FOREST PRODUCTS

<b>TOTAL</b> .....	2005	5,721,000 Board Feet	\$3,659,000
	2004	3,799,000 Board Feet	1,803,000

# 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	<b>\$5,963,266</b>
	2004	4,369,270	<b>6,573,048</b>

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

	2005	2004
FLORAL AND NURSERY CROPS .....	\$139,454,000	\$145,209,000
VEGETABLE CROPS .....	13,706,000	29,845,000
FOREST PRODUCTS .....	3,659,000	1,803,000
LIVESTOCK .....	2,047,000	1,777,000
FRUIT AND NUT CROPS .....	1,723,000	1,424,000
LIVESTOCK AND APIARY PRODUCTS .....	754,000	741,000
FIELD CROPS .....	713,000	737,000
<b>TOTAL .....</b>	<b>\$162,056,000</b>	<b>\$181,536,000</b>

## MILLION DOLLAR CROPS

	2005	2004
Ornamental Nursery Stock .....	\$22,569,000	\$29,496,000
Potted Foliage Plants .....	15,446,000	17,060,000
Orchids (potted) .....	10,297,000	10,089,000
Lilies (potted) .....	3,680,000	7,244,000
Brussels Sprouts .....	5,493,000	5,978,000
Poinsettia (potted) .....	3,796,000	4,274,000
Snapdragons .....	3,339,000	2,578,000
Lilies (cut) .....	2,303,000	2,577,000
Herbaceous Perennials .....	2,717,000	2,469,000
Forest Products .....	3,659,000	1,803,000
Cuttings and Liners .....	1,509,000	1,509,000
Bedding Plants .....	1,454,000	1,440,000
Leeks .....	1,260,000	1,305,000
Cattle and Calves .....	1,363,000	1,267,000

## 50 YEARS AGO...

### Top Ten Agricultural Commodities in 1955

Item		TOTAL VALUE
1. Chrysanthemum (Field Grown) .....	191 Acres	\$1,504,038
2. Brussels Sprouts .....	1,829 Acres	1,162,330
3. Carnation (Glass House Grown) .....	778,772 Square Feet	918,951
4. Artichokes .....	1,760 Acres	873,292
5. Potted Plants (Glass House Grown) .....	634,841 Square Feet	842,647
6. Hogs .....	19,296 Head	805,950
7. Dairy Cattle .....	7,600 Head	704,659
8. Heather .....	302 Acres	500,112
9. Ducks .....	283,278 Birds	441,950
10. Propagated Nursery Stock .....	101,314 Square Feet	409,150
(Glass House Grown)		

# FRESH FROM SAN MATEO COUNTY FARMS

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## — CERTIFIED FARMERS' MARKETS —

San Mateo County currently has 13 Certified Farmers' Markets where local growers sell their fresh produce and flowers directly to county residents.

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

El Camino Real @ O'Neill

Sunday: 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 at Cetrella**

Half Moon Bay

Saturday: 9:00 am – 1:00 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

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

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

Chestnut @ Crane

Sunday: 9:30 am – 1:30 pm

All Year

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

Orange Memorial Park

Saturday: 9:00 am – 1:00 pm

May – November

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

200 Block of Broadway

between Victoria and La Cruz

Saturday: 8:00 am – 1:00 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

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## — 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

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	<b>Half Moon Bay</b>	<b>Pescadero</b>
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
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

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\*Data not available.

# SAN MATEO COUNTY 2005 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 organic farming and alternative pest control measures employed by the agricultural industry.

## — COUNTY PROGRAMS —

### BIOLOGICAL CONTROL

<b>Pest</b>	<b>Agent/Mechanism</b>	<b>Scope of Program</b>
Yellow Star Thistle	<i>Bangasternus orientalis</i> , weevil <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 2005, the Department deployed 4,354 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 61,456 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.

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_____	12,420	96
Truck_____	1,678	20
Air_____	4,564	369
Sea Containers_____	12	0
Household Goods_____	22	0
Other_____	17	1

EXOTIC PESTS INTERCEPTED\*

Pest	Rating	Number of Interceptions	Pest	Rating	Number of Interceptions
<b><i>Aspidiotus destructor</i></b> coconut scale	A	2	<b>Ants</b> (various species)	Q	132
<b><i>Ceroplastes rubens</i></b> red wax scale	A	1	<b>Aphids</b> (various species)	Q	6
<b><i>Chrysodeixis eriosoma</i></b> green garden looper	A	2	<b>Beetles</b> (various species)	Q	8
<b><i>Hellula rogatalis</i></b> cabbage webworm	A	1	<b>Bugs</b> (various species)	Q	30
<b><i>Pinnaspis buxi</i></b> boxwood scale	A	27	<b>Katydid</b> (various species)	Q	8
<b><i>Pinnaspis strachani</i></b> lesser snow scale	A	11	<b>Leafhoppers &amp; Planthoppers</b> (various species)	Q	49
<b><i>Pseudaulacaspis cockerelli</i></b> magnolia white scale	A	17	<b>Mealybugs</b> (various species)	Q	18
<b><i>Pseudaulacaspis pentagona</i></b> white peach scale	A	3	<b>Moths</b> (various species)	Q	38
<b><i>Pseudococcus elisae</i></b> Elisae mealybug	A	1	<b>Scales</b> (various species)	Q	33
<b><i>Pseudoparlatoria parlatorioides</i></b> false parlatoria	A	1	<b>Snails &amp; Slugs</b> (various species)	Q	7
<b><i>Selenaspis articulatus</i></b> rufous scale	A	2	<b>Whitefly</b> (various species)	Q	33
<b><i>Solenopsis invicta</i></b> red imported fire ant	A	1	<b>Other</b>	Q	12

\* 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 2005 SUSTAINABLE AGRICULTURE REPORT

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## — 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	Parasitic Wasps
Botanicals	Lacewings	Pheromone Traps
Cover Crops	Ladybird Beetles	Predatory Mites
Crop Rotation	Mechanical	Refined Oils
Insect Growth Regulators	Mulch	Steam Sterilization of Soils
Insect Monitoring	Parasitic Nematodes	Weed Covers

### 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.

<b>Number of Farms</b>	<b>Acres</b>
2005 ..... 9	2005 ..... 163
2004 ..... 9	2004 ..... 125

### Crops

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

# San Mateo County

## Department of Agriculture and Weights and Measures

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### STAFF

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Sealer of Weights and Measures  
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**SAN MATEO COUNTY**  
**Department of Agriculture**  
**Weights & Measures**

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