

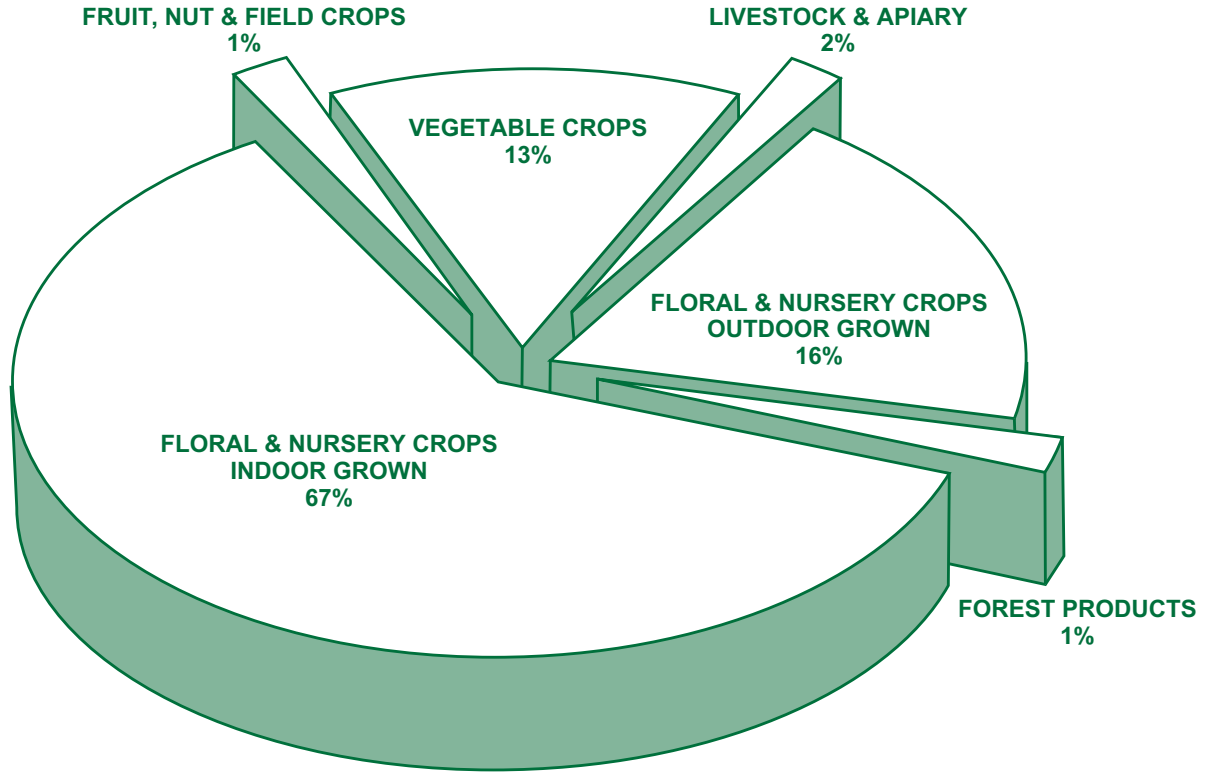
SAN MATEO COUNTY

2008 AGRICULTURAL CROP REPORT



SAN MATEO COUNTY 2008 CROP SUMMARY

TOTAL PRODUCTION VALUE \$162,726,000



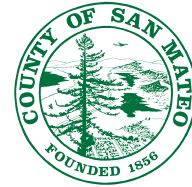
On the Cover:

The San Mateo County Board of Supervisors declared March 17, 2009 as *San Mateo County – As Fresh As It Gets Day* to celebrate the unveiling of the colorful new marketing logo featured on the cover of our 2008 Crop Report. The brand will help consumers identify San Mateo County's array of locally harvested fruits, vegetables, flowers and seafood, and locally produced cheese and wine. The *As Fresh As It Gets* program is a cooperative effort of County government and the agricultural, fishing and hospitality industries to promote the health benefits of eating fresh, local produce and fish, and to strengthen the economic viability of the County's farming and fishing operations.

The logo was designed by Monica Trego, a locally grown artist whose design was selected from 18 finalists displayed at the County Fair last August. Over 65,000 Fair visitors voted for their favorite designs.

SAN MATEO COUNTY HEALTH SYSTEM
AGRICULTURE / WEIGHTS & MEASURES DIVISION
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**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
Carole Groom, 2nd District
Richard S. Gordon, 3rd District
Rose Jacobs Gibson, 4th District
Adrienne J. Tissier, 5th District

I am pleased to submit the 2008 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 2008 was \$162,726,000, a 5.9% decrease from the total production value for 2007 (\$172,869,000). 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 2008 was \$569,541,000.

The overall value of Vegetable Crops declined 16% in 2008 primarily from decreased prices for Brussels sprouts and a significant decline in annual mushroom production. The county's largest mushroom operation closed in late 2008. Indoor and outdoor grown cut flowers decreased 11% in value from lower prices and less production, and harvested timber declined by over 50%.

The cover of the 2008 Agricultural Crop Report features the new *San Mateo County – As Fresh As It Gets* marketing logo, created through a partnership between the County of San Mateo and Farm Bureau. The logo was designed to help consumers identify locally harvested fruits, vegetables, flowers and seafood. The marketing program will increase community support for our local agricultural and fishing industries while promoting the consumption of fresh and nutritious foods.

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 Koren Widdel and Ronald Pummer 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	Total
Potted Plants			
Flowering ¹	2008	9,658,000	\$ 91,308,000
	2007	9,911,000	91,138,000
Foliage ²	2008	1,004,000	7,395,000
	2007	1,272,000	8,174,000
Subtotal	2008	10,662,000	\$ 98,703,000
	2007	11,183,000	99,312,000
Cut Flowers ³	2008	2,600,000	\$ 9,052,000
	2007	2,638,000	10,554,000
Bedding Plants, Cuttings and Liners ⁴	2008	271,000	\$ 1,202,000
	2007	331,000	1,579,000
TOTAL	2008	13,533,000	\$ 108,957,000
	2007	14,152,000	111,445,000

Total Glass and Plastic Area 6,585,000 Square Feet

1 Includes Mini Roses, Hydrangeas, Orchids, Zygocactus, Oriental and Asiatic Lilies, Calla Lilies, Poinsettias, etc.

2 Includes Ivy, Ferns, Dieffenbachia, Pothos, etc.

3 Includes Lilies, Snapdragons, Roses, Freesia, Alstroemeria, Tulips, etc.

4 Includes Ferns, Ivy, Vegetables, etc.

FLORAL AND NURSERY CROPS OUTDOOR GROWN

Item	Year	Acres	Total
Ornamentals			
Nursery Stock ¹	2008	166	\$ 19,134,000
	2007	165	20,350,000
Christmas Trees (cut)	2008	146	302,000
	2007	156	271,000
Subtotal	2008	312	\$ 19,436,000
	2007	321	20,621,000
Cut Flowers/Foliage ²	2008	495	\$ 6,450,000
	2007	517	6,941,000
TOTAL	2008	807	\$ 25,886,000
	2007	838	27,562,000

1 Includes Mini Christmas Trees, Heather, and other herbaceous perennials and trees

2 Includes Stock, Yarrow, Dahlias, Snapdragons, Sunflowers, Tulips, Larkspur, etc.

VEGETABLE CROPS

Crop	Year	PRODUCTION			Unit	VALUE	
		Acres	Per Acre	Total		Per Unit	Total
Artichokes	2008	66	3.90	257	Ton	\$1,584.00	\$ 407,000
	2007	70	4.78	335	Ton	1,671.00	560,000
Beans, Snap	2008	118	4.06	479	Ton	1,247.00	597,000
	2007	123	3.26	401	Ton	1,416.00	568,000
Brussels Sprouts ¹	2008	675	11.46	7,736	Ton	755.00	5,841,000
	2007	689	11.76	8,103	Ton	969.00	7,852,000
Leeks	2008	175	9.81	1,717	Ton	869.00	1,492,000
	2007	173	10.99	1,901	Ton	955.00	1,815,000
Mushrooms	2008	8					6,927,000
	2007	9					8,096,000
Peas	2008	219	2.34	512	Ton	1,553.00	795,000
	2007	225	2.27	511	Ton	1,476.00	754,000
Pumpkins	2008	263	13.92	3,661	Ton	260.00	952,000
	2007	255	11.24	2,866	Ton	334.00	957,000
Miscellaneous Vegetables Field and Indoor Grown ²	2008	573					3,435,000
	2007	621					3,734,000
TOTAL	2008	2,097					\$20,446,000
	2007	2,165					24,336,000

1 Includes Processed

2 Includes Herbs, Fava Beans, Peppers, Swiss Chard, Edible Flowers, Tomatoes, etc.

FIELD CROPS

Crop	Year	PRODUCTION			Unit	VALUE	
		Acres	Per Acre	Total		Per Unit	Total
Beans, Dry Edible ¹	2008	51	0.96	49	Ton	\$3,764.00	\$184,000
	2007	52	0.83	43	Ton	3,450.00	148,000
Grain							
Oats	2008	400	0.60	240	Ton	300.00	72,000
	2007	400	0.60	240	Ton	300.00	72,000
Hay							
Oats	2008	278	3.39	942	Ton	176.00	166,000
	2007	258	3.31	854	Ton	159.00	136,000
Volunteer	2008	192	2.49	478	Ton	79.00	38,000
	2007	187	2.49	466	Ton	79.00	37,000
Pasture							
Irrigated	2008	300				140.00	42,000
	2007	300				140.00	42,000
Other	2008	30,000				9.00	270,000
	2007	30,000				9.00	270,000
TOTAL	2008	31,221					\$772,000
	2007	31,197					705,000

1 Includes Cranberry, Fava, etc.

FRUIT AND NUT CROPS

Item	Year	Acres	Total Value
Bushberries	2008	33	\$ 371,000
	2007	34	398,000
Strawberries	2008	24	543,000
	2007	18	524,000
Wine Grapes	2008	96	481,000
	2007	98	550,000
Miscellaneous ¹	2008	51	240,000
	2007	53	209,000
TOTAL	2008	204	\$1,635,000
	2007	203	1,681,000

¹ Includes Kiwi, Apples, etc.

LIVESTOCK

Item	Year	Number Head Sold	Total Value
Cattle and Calves	2008	2,940	\$1,814,000
	2007	2,820	1,723,000
Sheep and Lambs	2008	796	95,000
	2007	802	79,000
Hogs and Pigs	2008	1,237	180,000
	2007	1,233	134,000
Other ¹	2008	1,460	289,000
	2007	1,480	277,000
TOTAL	2008		\$2,378,000
	2007		2,213,000

¹ Includes Goats, Chickens, Turkeys, etc.

LIVESTOCK AND APIARY PRODUCTS

Item	Year	Production	Unit	VALUE	
				Per Unit	Total
Honey	2008	37,000	LB.	\$4.99	\$185,000
	2007	34,000	LB.	4.68	159,000
Beeswax	2008	460	LB.	5.81	3,000
	2007	450	LB.	5.92	3,000
Other ¹	2008				663,000
	2007				647,000
TOTAL	2008				\$851,000
	2007				809,000

¹ Includes Goat Cheese, Eggs, Wool, etc.

FOREST PRODUCTS

TOTAL _____	2008	2,742,000	Board Feet	\$1,801,000
	2007	5,806,000	Board Feet	4,118,000

COMMERCIAL FISH CATCH

Species	Year	Pounds	Value
Crab, Dungeness_____	2007	658,028	\$1,874,254
	2006	1,477,999	3,063,763
Salmon, Chinook_____	2007	214,863	1,174,662
	2006	106,828	608,045
Halibut, California_____	2007	54,027	183,415
	2006	181,403	547,530
Sole, all_____	2007	308,324	266,161
	2006	304,246	244,998
Sablefish_____	2007	62,081	100,162
	2006	52,885	113,310
Sandab_____	2007	227,259	92,671
	2006	114,225	46,783
Sardine, Pacific_____	2007	4,300	129
	2006	288,552	8,649
Flounder, all_____	2007	17,761	10,992
	2006	35,723	22,664
Rockfish, all_____	2007	96,143	138,873
	2006	18,263	43,408
Lingcod_____	2007	11,742	20,880
	2006	10,100	20,640
Tuna, albacore_____	2007	49,009	33,740
	2006	22,163	42,339
Crab, rock unspecified_____	2007	5,559	12,076
	2006	1,878	3,461
Miscellaneous_____	2007	64,055	25,506
	2006	181,607	20,827
TOTAL _____	2007	1,773,151	\$3,933,521
	2006	2,795,872	4,786,417

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

	2008	2007
FLORAL AND NURSERY CROPS	\$134,843,000	\$139,007,000
VEGETABLE CROPS	20,446,000	24,336,000
LIVESTOCK	2,378,000	2,213,000
FOREST PRODUCTS	1,801,000	4,118,000
FRUIT AND NUT CROPS	1,635,000	1,681,000
LIVESTOCK AND APIARY PRODUCTS	851,000	809,000
FIELD CROPS	772,000	705,000
TOTAL	\$162,726,000	\$172,869,000

MILLION DOLLAR CROPS

	2008	2007
Flowering Potted Plants (Indoor Grown)	\$91,308,000	\$91,138,000
Ornamental Nursery Stock	19,134,000	20,350,000
Cut Flowers (Indoor Grown)	9,052,000	10,554,000
Potted Foliage Plants (Indoor Grown)	7,395,000	8,174,000
Mushrooms	6,927,000	8,096,000
Cut Flowers/Foliage (Outdoor Grown)	6,450,000	6,941,000
Brussels Sprouts	5,841,000	7,852,000
Cattle and Calves	1,814,000	1,723,000
Forest Products	1,801,000	4,118,000
Leeks	1,492,000	1,815,000
Bedding Plants, Cuttings and Liners	1,202,000	1,579,000

50 YEARS AGO...

Top Ten Agricultural Commodities in 1958

Item		TOTAL VALUE
1. Brussels Sprouts	1,758 Acres	\$1,882,818
2. Carnation (Glass House Grown)	1,441,279 Square Feet	1,657,471
3. Hogs	24,097 Head	1,177,750
4. Potted Plants (Glass House Grown)	762,150 Square Feet	1,158,468
5. Chrysanthemum (Field Grown)	132 Acres	997,725
6. Dairy Cattle	6,622 Head	764,270
7. Mushrooms	2,062,850 Pounds	724,825
8. Propagated Nursery Stock (Glass House Grown)	162,128 Square Feet	705,797
9. Artichokes	1,357 Acres	571,840
10. Beef	7,334 Head	546,410

FRESH FROM SAN MATEO COUNTY FARMS

— CERTIFIED FARMERS' MARKETS —

San Mateo County currently has 16 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
All Year

Coastside Farmers' Market, Half Moon Bay

Shoreline Station
Saturday: 9:00 am – 1:00 pm
May – December

Coastside Farmers' Market, Pacifica

Rockaway Beach District
Wednesday: 2:30 pm – 6:30 pm
May – December

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

East Palo Alto Community Farmers' Market

2415 University Avenue
Saturday: 2:00 pm – 5:00 pm
All Year

Kaiser Hospital, Redwood City

Veterans & Maple
Wednesday: 10:00 am – 2:00 pm
April – October

Kaiser Hospital, South San Francisco

1200 El Camino Real
Tuesday: 10:00 am – 2:00 pm
May – September

Menlo Park Certified Farmers' Market

Chestnut at Crane
Sunday: 9:30 am – 1:30 pm
All Year

Millbrae Certified Farmers' Market

200 Block of Broadway
Saturday: 8:00 am – 1:00 pm
All Year

Redwood City Certified Farmers' Market

Winslow, near Broadway
Saturday: 8:00 am – 12:00 noon
April – November

Redwood City Certified Farmers' Market

County Center Plaza
3rd Thursday: 10:00 am – 3:00 pm
May – October

San Carlos Certified Farmers' Market

Laurel Street, between Olive & Cherry
Thursday: 4:00 pm – 8:00 pm
June – September

San Mateo Certified Farmers' Market

College of San Mateo
West Hillsdale & Campus Drive
Wednesday: 9:00 am – 1:00 pm
Saturday: 9:00 am – 1:00 pm
All Year

South San Francisco Certified Farmers' Market

South San Francisco BART Station
Saturday: 10:00 am – 2:00 pm
May – October

The Fresh Market, Burlingame

Burlingame Ave. between Park & Primrose
Sunday: 9:00 am – 1:00 pm
May – November

25th Avenue Certified Farmers' Market

194 W 25th Avenue, San Mateo
Tuesday: 4:00 pm – 8:00 pm
May – October

For current information on Farmers' Markets, visit www.co.sanmateo.ca.us/agwm

FRESH FROM SAN MATEO COUNTY FARMS

— 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. Other publications available from the website are the *Farm Stand Guide* showing fresh produce stands, *Floral Guide* with locations of both retail and wholesale flower sellers, *Pumpkin Patch Guide* with pumpkin patch locations, and the *Christmas Tree Guide* which provides information on choose-and-cut Christmas tree locations in San Mateo County.



COASTSIDE RAIN STATIONS

	Half Moon Bay	Pescadero
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
2006 / 2007	18.29 inches	15.13 inches
2007 / 2008	20.65 inches	21.86 inches

*Data not available

SAN MATEO COUNTY 2008 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. Early detection and eradication of harmful pests protects California's agricultural industry, home gardens, parks and natural resources and reduces the need for pesticides. 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 Starthistle	<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

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

Treatment continues for purple loosestrife, *Lythrum salicaria*, found at one location in the county. 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.

SAN MATEO COUNTY 2008 SUSTAINABLE AGRICULTURE REPORT

PEST DETECTION

Insect Trapping for Exotic Pests

This proactive program is designed to detect pests before they become established. In 2008, the Department deployed 4,762 insect traps throughout the County to catch exotic pests. Staff serviced these traps a total of 51,804 times during the year. The trapping program targeted the following injurious insect pests:

Mediterranean Fruit Fly	Gypsy Moth	European Corn Borer
Mexican Fruit Fly	Japanese Beetle	Glassy-winged Sharpshooter
Oriental Fruit Fly	Khapra Beetle	
Melon Fly	European Pine Shoot Moth	

Beginning in April 2007, traps were deployed countywide for **Light Brown Apple Moth**, *Epiphyas postvittana*. In 2008, 1,902 Light Brown Apple Moths were trapped in San Mateo County. In response to numerous moth finds, the California Department of Food and Agriculture expanded quarantine areas within the County and initiated plans for an eradication program.

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 _____	3,035	68
Truck _____	1,697	23
Air _____	4,369	856
Sea Containers _____	16	0
Household Goods _____	81	0
Nursery Stock (GWSS) _____	2,922	4
Other _____	20	0

SAN MATEO COUNTY 2008 SUSTAINABLE AGRICULTURE REPORT

EXOTIC PESTS INTERCEPTED*

Pest	Rating	Number of Interceptions	Pest	Rating	Number of Interceptions
<i>Achatina fulica</i> giant African snail	A	1	<i>Solenopsis geminata</i> fire ant	A	5
<i>Allopeas clavulinum</i> spike awl/snail	A	1	<i>Solenopsis invicta</i> red imported fire ant	A	6
<i>Aspidiotus destructor</i> coconut scale	A	12	Ants (various species)	Q	114
<i>Bactrocera cucurbitae</i> melon fly	A	2	Aphids (various species)	Q	125
<i>Ceroplastes rubens</i> red wax scale	A	2	Beetles (various species)	Q	5
<i>Chrysodeixis eriosoma</i> green garden looper	A	33	Bugs (various species)	Q	65
<i>Darna pallivitta</i> limacodid moth	A	1	Flies (various species)	Q	7
<i>Diaphorina citri</i> Asian citrus psyllid	A	2	Grasshoppers (various species)	Q	7
<i>Diocalandra taitensis</i> Tahitian coconut weevil	A	1	Leafhoppers & Plant hoppers (various species)	Q	165
<i>Hemiberlesia palmae</i> palm scale	A	8	Mealybugs (various species)	Q	110
<i>Ischnaspis longirostris</i> black thread scale	A	2	Moths (various species)	Q	57
<i>Kilifia acuminatus</i> acuminate scale	A	1	Psyllids (various species)	Q	12
<i>Lopholeucaspis cockerelli</i> cockerell scale	A	1	Scales (various species)	Q	75
<i>Pinnaspis buxi</i> boxwood scale	A	65	Snails & Slugs (various species)	Q	15
<i>Pinnaspis strachani</i> lesser snow scale	A	13	Thrips (various species)	Q	21
<i>Pseudaulacaspis cockerelli</i> magnolia white scale	A	18	Weeds (various species)	Q	1
<i>Pseudaulacaspis pentagona</i> white peach scale	A	3	Weevils (various species)	Q	6
<i>Pseudococcus cryptus</i> citriculus mealybug	A	6	Whiteflies (various species)	Q	104
<i>Selenaspis articulatus</i> rufous scale	A	6	Other (various species)	Q	50

* 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 2008 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	Insect Monitoring	Pheromone Traps
Botanicals	Insecticidal Soaps	Predatory Mites
Cover Crops	Lacewings	Refined Oils
Crop Rotation	Ladybird Beetles	Steam Sterilization of Soils
Insect Growth Regulators	Parasitic Nematodes	Weed Covers
	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
2008 ----- 13	2008 ----- 193
2007 ----- 11	2007 ----- 190

Crops

Apples	Collards	Kale	Potted Ornamental Plants
Artichokes	Corn	Leeks	Quince
Beans	Cucumbers	Lemons	Radish
Beets	Edible Flowers	Lettuce	Salad Mix
Broccoli	Eggplant	Oats	Spinach
Brussels Sprouts	Eggs	Onions	Strawberries
Cabbage	Figs	Pears	Squash
Cantaloupes	Garlic	Peas	Tomatillos
Carrots	Grapes	Peppers	Tomatoes
Cauliflower	Herbs	Plums	Turnips
Chard	Honeydew	Potatoes	Watermelons

San Mateo County

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