

Contra Costa County Department of Agriculture/ Weights & Measures

Agricultural Commissioner - Director of Weights & Measures

Edward P. Meyer

Chief Deputy Agricultural Commissioner/Sealer

Vince Guise

Deputy Agricultural Commissioner

Cathleen M. Roybal

Larry Yost

Joe Deviney

Deputy Sealer of Weights & Measures

Patrick J. Roof

Agricultural Biologist/Weights & Measures Inspector III

Ann McClure

Patty Whitlock

Ralph Fonseca

Gil Rocha

Nancy Niemeyer

Beth Slate

Jorge Vargas

Arthur Mangonon

Steve Reymann

Gene Mangini

Cecilie Siegel-Sebolt

Agricultural Biologist II

Matthew Slattengren

Abdoulaye Niang

Weights & Measures Inspector II

Ngozi Egbuna

Agricultural Biologist I

Chris deNijs

Kathryn Wright

Mariah Slusser

Weights & Measures Trainee

Keely Kirkman

Patrick Bowen

Administrative Support

Executive Secretary

Susan Finley

Clerk

Roxann Crosby

***On the Cover: Contra Costa County's new canine quarantine detection teams:
Cecilie Siegel-Sebolt and Bella (left), Mariah Slusser and Bart (right).***

Field Crops



Crop	Year	Production		Value			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Field Corn	2006	5,690	3.96	22,500	Ton	110.00	2,475,000
	2005	5,440	4.26	23,200	Ton	98.20	2,278,000
Hay							
Alfalfa	2006	3,310	4.73	15,700	Ton	121.00	1,900,000
	2005	3,280	5.50	18,000	Ton	125.00	2,250,000
Grain	2006	1,580	2.76	4,360	Ton	58.50	255,000
	2005	1,570	2.42	3,800	Ton	77.30	294,000
Pasture							
Irrigated	2006	7,360			Acre	120.00	883,000
	2005	5,960			Acre	100.00	596,000
Rangeland	2006	169,000			Acre	20.00	3,380,000
	2005	169,000			Acre	22.50	3,803,000
Safflower	2006	726	1.18	857	Ton	251.00	215,000
	2005	822	1.05	863	Ton	237.00	205,000
Wheat	2006	2,520	1.94	4,890	Ton	121.00	592,000
	2005	1,530	1.99	3,040	Ton	112.00	340,000
Miscellaneous Field Crops*	2006	1,810					472,000
	2005	2,120					505,000
Total	2006	191,996					\$10,172,000
	2005	189,722					\$10,271,000

* Barley, Forage Hay, Hay (Wild), Rye, Silage, Straw, Sudan Grass

Vegetable & Seed Crops



Crop	Year	Production		Value			
		Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Beans	2006	319	3.16	1,010	Ton	1,040.00	1,050,000
	2005	310	3.71	1,150	Ton	996.00	1,145,000
Onions	2006	39	6.95	271	Ton	405.00	110,000
	2005	38	7.98	303	Ton	495.00	150,000
Squash	2006	19	3.78	72	Ton	1,150.00	82,800
	2005	19	3.41	65	Ton	1,180.00	76,700
Sweet Corn	2006	3,550	9.88	35,100	Ton	372.00	13,057,000
	2005	3,850	10.10	38,900	Ton	370.00	14,393,000
Tomatoes Total	2006	1,500		67,908	Ton		4,838,000
	2005	1,181		48,610	Ton		3,500,000
Fresh	2006	40	15.20	608	Ton	1,470.00	894,000
	2005	101	14.00	1,410	Ton	758.00	1,069,000
Processing	2006	1,460	46.10	67,300	Ton	58.60	3,944,000
	2005	1,080	43.70	47,200	Ton	51.50	2,431,000
Miscellaneous Vegetable & Seed Crops*	2006	857					2,896,000
	2005	1,550					4,296,000
Total	2006	6,284					\$22,033,800
	2005	6,948					\$23,560,700

* Asparagus, Artichokes, Beets, Cabbage, Cardoon, Carrots, Cauliflower, Cucumbers, Eggplant, Garlic, Ginseng, Lettuce, Okra, Greens, Herbs, Peas, Peppers, Potatoes, Pumpkins

Fruit & Nut Crops



Crop	Year	Production		Total	Unit	Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Apples	2006	262	7.00	1,830	Ton	490.00	897,000
	2005	304	8.12	2,470	Ton	590.00	1,457,000
Apricots							
	Total						
	2006	519	6.63	3,738	Ton		1,714,000
	2005	542	6.82	3,696	Ton		1,295,000
Fresh							
	2006			238	Ton	2,790.00	664,000
	2005			196	Ton	1,250.00	245,000
Processing							
	2006			3,500	Ton	300.00	1,050,000
	2005			3,500	Ton	300.00	1,050,000
Cherries	2006	364	1.41	513	Ton	3,180.00	1,631,000
	2005	334	1.49	498	Ton	2,870.00	1,429,000
Grapes	2006	1,940	4.42	8,570	Ton	771.00	6,607,000
	2005	1,940	4.58	8,890	Ton	889.00	7,903,000
Nectarines	2006	39	2.57	100	Ton	3,190.00	319,000
	2005	39	3.73	145	Ton	2,680.00	389,000
Peaches	2006	157	3.07	482	Ton	1,270.00	612,000
	2005	164	4.46	731	Ton	1,690.00	1,235,000
Plums	2006	37	2.12	78	Ton	2,960.00	231,000
	2005	33	2.67	88	Ton	1,830.00	161,000
Walnuts	2006	513	1.78	913	Ton	1,420.00	1,296,000
	2005	723	2.06	1,490	Ton	1,290.00	1,922,000
Miscellaneous	2006	164					699,000
Fruit & Nut Crops*	2005	151					652,000
Total	2006	3,995					\$14,006,000
	2005	4,230					\$16,443,000

* Almonds, Asian Pears, Berries, Citrus, Figs, Melons, Olives, Pears, Pecans, Persimmons, Pistachios, Pluots, Prunes, Pomegranates, Quinces, Strawberries

Nursery Products



Crop	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Bedding Plants	2006	1,144,000	40.30	13,720,000
	2005	1,224,000	40.60	19,480,000
Herbaceous Perennials	2006	857,000	14.30	1,521,000
	2005	882,000	13.60	1,635,000
Indoor Decoratives	2006	515,000	0	1,078,000
	2005	480,000	0.20	1,188,000
Vegetable Plants	2006	0	4.00	581,000
	2005	0	4.00	787,000
Miscellaneous Nursery Crops *	2006	82,000	31.30	1,597,000
	2005	82,000	23.40	1,511,000
Total	2006	2,598,000	89.90	\$18,497,000
	2005	2,718,000	83.65	\$24,644,000

* Christmas Trees, Potted Flowers & Vegetables, Ground Covers, Propagative Materials, Hanging Baskets, Ornamental Trees & Shrubs, Fruit Trees, Cut Flowers.

Livestock



Item	Year	Production		Unit	Value	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves	2006	25,800	194,000	Cwt	92.30	17,906,000
	2005	16,500	122,000	Cwt	92.70	11,309,000

Item	Year	Production	Unit	Value	
				Per Unit	Total
Honey	2006	40,000	Lbs.	6.00	240,000
	2005	40,000	Lbs.	4.00	160,000
Beeswax	2006	300	Lbs.	4.00	1,200
	2005	180	Lbs.	4.00	720
Pollination	2006	500	Colonies	140.00	70,000
	2005	500	Colonies	100.00	50,000
Miscellaneous Livestock and Livestock Products*	2006				500,000
	2005				500,000
Total	2006				\$18,717,200
	2005				\$12,019,720

* Chickens, Ducks, Emus, Goats, Hogs, Llamas, Ostriches, Pigs, Rabbits, Sheep, Turkeys, Milk, Wool, Eggs, Pollen

Recapitulation



Category	<u>Gross Value/Million Dollars</u>		<u>Ranking</u>	
	2006	2005	2006	2005
Vegetable & Seed Crops	22.0	23.6	1	2
Livestock	18.7	12.0	2	4
Nursery Products	18.5	24.6	3	1
Fruit & Nut Crops	14.0	16.4	4	3
Field Crops	10.2	10.3	5	5

Category	<u>Gross Value</u>		<u>Change</u>
	2006	2005	
Field Crops	10,172,000	10,271,000	-99,000
Vegetable & Seed Crops	22,033,800	23,560,700	-1,526,900
Fruit & Nut Crops	14,006,000	16,443,000	-2,437,000
Nursery Crops	18,497,000	24,644,000	-6,147,000
Livestock	18,717,200	12,019,720	6,697,480
Total	\$83,426,000	\$86,938,420	-3,512,420

Total Acres in County	482,000
Population in County January 2006	1,029,377
Land in Farms - Acres (2002 Census)	126,338
Harvested Cropland - Acres (2002 Census)	26,018

Organic Farming

	Apricots	Cherries	Citrus	Nectarines	Peaches	Pears	Nuts	Plums	Fruit, other	Herbs	Onions/Garlic/Leeks	Sweet Corn	Vegetables, leafy	Vegetables, root	Vegetables, other	Nursery products
No. of Farms	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	3
Estimated Acres	18.0	11.5	1.3	14.5	34.5	6.5	40.0	8.0	1.9	1.3	0.2	0.5	3.2	0.4	1.6	1.8
Total Acres Organically Farmed	145.2															

Million Dollar Crops



Category	Gross Value/Million Dollars		Ranking	
	2006	2005	2006	2005
Cattle & Calves	17.9	11.3	1	3
Bedding Plants	13.7	19.5	2	1
Sweet Corn	13.1	14.4	3	2
Grapes	6.6	7.9	4	4
Tomatoes, All	4.8	3.5	5	7
Rangeland Pasture	3.4	3.8	6	6
Miscellaneous Vegetables	2.9	4.3	8	5
Field Corn	2.5	2.3	7	8
Hay - Alfalfa	1.9	2.3	9	9
Cherries	1.6	1.4	10	14
Apricots, All	1.6	1.3	11	15
Miscellaneous Nursery	1.6	1.5	12	12
Herbaceous Perennials	1.5	1.6	13	11
Walnuts	1.3	1.9	14	10
Indoor Decoratives	1.1	1.2	15	17
Beans	1.1	1.1	16	18

Biological Control

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle (<u>Centaurea solstitialis</u>)	Hairy Weevil (<u>Eustenopus villosus</u>)	Ongoing
	YST Flower Weevil (<u>Larinus curtus</u>)	Ongoing
	Rust Pathogen (<u>Puccinia jaceae var. solstitialis</u>)	Ongoing
Red Gum Lerp Psyllid (<u>Glycaspis brimblecombei</u>)	Encyrtid Parasitoid Wasp (<u>Psyllaephagus bliteus</u>)	Ongoing

Pest Exclusion



Diaprepes Weevil



Mediterranean Fruit Fly

Shipments Inspected

Mail/UPS/Fed Ex	60,482	353
Truck shipments from within California	5,042	4
Truck shipments from other states	275	8
Household Goods	149	0

Total Inspected

60,482
5,042
275
149

Rejections

353
4
8
0

Quarantine Rejections

Burrowing Nematode	3
Caribbean Fruit Fly	3
Cedar-Apple Rust	12
Cereal Leaf Beetle	2
Citrus Pests	14
Japanese Beetle	11
Plum Curculio	6
West Indian Sugarcane Root Borer	1
Walnut Pests	1
Cherry Fruit Fly	1
Gypsy Moth	1
Colorado Potato Beetle	3
Glassywinged Sharpshooter	2
Nursery Stock Certificate	9
Origin/Markings	131

Rejections

3
3
12
2
14
11
6
1
1
1
1
3
2
9
131

Target Pests

A & Q rated pests total	137
live pests found	73
Live Glassy-winged Sharpshooter	4
Other live weed pests	5
Other live pests	10

“A” and “Q” Rated Pests

Pests vary as to the level of potential harm they can do, so it is necessary to have a rating system to represent the statewide importance of the pest to the agricultural, horticultural, forestry, environmental, and public health interests of California. The rating of a pest also determines what action is taken when it is found, such as: quarantines, eradication, rejection, control, cleanliness standards, holding, inspection, and the establishment of control districts. Of special interest are pests that are rated “A” or “Q”. These organisms have the potential to cause serious harm and require enforcement action when they are found. “A” rated pests, such as the Mediterranean Fruit Fly, are known to cause serious harm. “Q” rated pests are those that are suspected to cause serious harm but their status is uncertain because of incomplete information about the species.

Interceptions in 2006



Longlegged Ant



Magnolia White Scale

	Rating	Rejections
ANTS		
Solenopsis invicta / Red Imported Fire Ant	A	1
Technomyrmex albipes / White-footed Ant	Q	11
Pheidole megacephala / Bigheaded Ant	Q	6
Other ant species	Q	2
SCALES		
Pseudaulacaspis cockerelli / Magnolia White Scale	A	7
Pseudaulacaspis pentagona / White Peach Scale	A	1
Pinnaspis strachami / Lesser Snow Scale	A	2
Pinnaspis buxi / Boxwood Scale	A	1
Pseudaulacaspis brimblecombei / Macadamia White Scale	Q	4
Vinsonia stellifera / Stellate Scale	Q	1
Aulacaspis yasumatsui / Cycad Aulacaspis	Q	1
MEALYBUGS		
Maconellicoccus hirsutus / Pink Hibiscus Mealybug	A	1
Other mealybug species	Q	13
WHITEFLIES		
Aleurodicus dispersus / Spiraling Whitefly	Q	2
Orchamoplatus mammaeferus/Croton Whitefly	Q	2
OTHER INSECTS, MITES, & MOLLUSCS		
Darna pallivitta / Stinging Nettle Caterpillar	A	1
Chrysodeixis eriosoma / Green Garden Looper	A	1
Kallitaxila granulata / Planthopper	Q	1
Stephanitis pyriodes / Azalea Lace Bug	Q	1
Other thrip species	Q	1
Other Homoptera species	Q	7
Other Lepidoptera species	Q	2
Other mite species	Q	1
Other gastropod species	Q	1
WEEDS		
Cuscuta japonica/Giant Dodder	A	8
Panicum virgatum/Switchgrass	Q	2
Other weed species	Q	2
PLANT DISEASES		
Phytophthora ramorum / Sudden Oak Death	Q	4