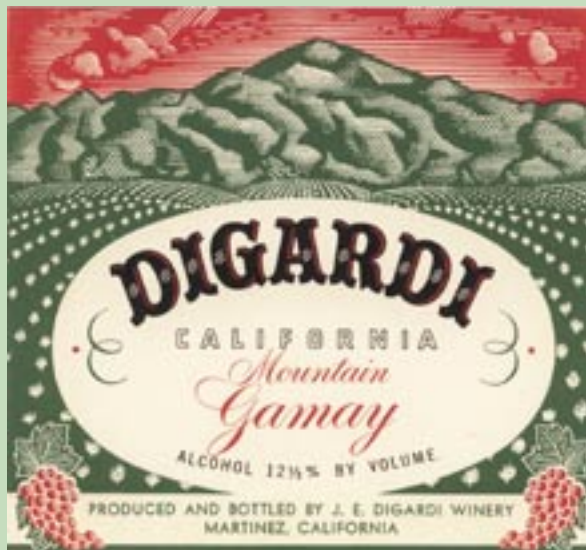


Contra Costa County 2008 Annual Crop Report



*Early wine labels from
the Martinez area*

Contra Costa County Department of Agriculture/ Weights & Measures

Agricultural Commissioner - Director of Weights & Measures

Vince Guise

Chief Deputy Agricultural Commissioner/Sealer

Cathleen M. Roybal

Deputy Agricultural Commissioner

Larry Yost

Joe Deviney

Deputy Sealer of Weights & Measures

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Agricultural Biologist I

Chris deNijs

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Keely Kirkman

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Executive Secretary

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Senior Clerk

Roxann Crosby

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Retiree Volunteer

Suzanne Maddux

Pest Detection/GWSS/Pest Management

Dan Angla
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Betsy Montgomery
Eldren Prieto
Lindsay Skidmore
Samantha Tomlinson

K. C. Canario
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Lon Kelsey
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Christine O'Boyle
William Schaub
Susie Somers
Zsuzsa Vnagy

Nancy Dennis
Michele Jensen
Hardy Leopando
Rick Mata
Richard Padfield
Craig Shoener
Greg Spurlock
Oscar Zaldura

Plant Quarantine Detector Canines

Bella (handler: Cecilie Siegel-Sebolt)

Bart (handler: Mariah Slusser)



photo courtesy of the Muir Historical Site

On the Cover: This year's cover of the Contra Costa County 2008 Annual Crop Report features some early wine labels from the Martinez area. Prior to Prohibition, Martinez was the home to many wineries. As the photo above of the John Muir house in 1910 shows, there was considerable grape acreage planted in and around Martinez.

Field Crops



Crop	Year	Production		Total	Unit	Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Field Corn	2008	7,700	4.00	30,800	Ton	164.00	5,051,000
	2007	7,210	3.88	28,000	Ton	145.00	4,060,000
Hay							
Alfalfa	2008	3,590	5.71	20,500	Ton	184.00	3,772,000
	2007	3,840	5.91	22,700	Ton	158.00	3,587,000
Grain	2008	1,540	2.76	4,250	Ton	153.00	650,000
	2007	1,200	2.17	2,600	Ton	97.30	253,000
Pasture							
Irrigated	2008	5,060			Acre	180.00	911,000
	2007	6,790			Acre	185.00	1,256,000
Rangeland	2008	169,000			Acre	19.60	3,312,000
	2007	169,000			Acre	20.00	3,380,000
Wheat	2008	634	2.22	1,410	Ton	219.00	309,000
	2007	1,260	1.59	2,000	Ton	163.00	326,000
Miscellaneous Field Crops*	2008	4,550					1,502,000
	2007	2,360					715,000
Total	2008	192,074					\$15,507,000
	2007	191,660					\$13,577,000

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

Vegetable & Seed Crops



Crop	Year	Production		Total	Unit	Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Beans	2008	326	3.93	1,280	Ton	1,090.00	1,395,000
	2007	361	3.85	1,390	Ton	1,080.00	1,501,000
Onions	2008	5	5.61	28	Ton	1,810.00	50,700
	2007	9	4.68	42	Ton	1,120.00	47,000
Squash	2008	15	3.73	56	Ton	1,040.00	58,200
	2007	16	3.60	58	Ton	994.00	57,700
Sweet Corn	2008	3,280	10.20	33,500	Ton	403.00	13,500,000
	2007	3,560	10.10	36,000	Ton	367.00	13,212,000
Tomatoes Total	2008	1,548		78,769	Ton		6,382,000
	2007	1,568		78,744	Ton		5,893,000
Fresh	2008	48	18.10	869	Ton	934.00	812,000
	2007	48	15.50	744	Ton	1,190.00	885,000
Processing	2008	1,500	51.90	77,900	Ton	71.50	5,570,000
	2007	1,520	51.30	78,000	Ton	64.20	5,008,000
Miscellaneous Vegetable & Seed Crops*	2008	378					1,768,000
	2007	1,450					4,996,000
Total	2008	5,552					\$23,153,900
	2007	6,964					\$25,706,700

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

Fruit & Nut Crops



Crop	Year	Production		Total	Unit	Value	
		Harvested Acreage	Per Acre			Per Unit	Total
Apples	2008	260	8.60	2,240	Ton	943.00	2,112,000
	2007	270	6.34	1,710	Ton	515.00	881,000
Apricots							
Total	2008	531	7.01	3,720	Ton		1,800,000
	2007	533	6.84	3,665	Ton		1,268,000
Fresh	2008			260	Ton	2,930.00	762,000
	2007			145	Ton	1,510.00	219,000
Processing	2008			3,460	Ton	300.00	1,038,000
	2007			3,520	Ton	298.00	1,049,000
Cherries	2008	344	1.85	636	Ton	3,150.00	2,003,000
	2007	297	1.87	555	Ton	3,090.00	1,715,000
Grapes	2008	1,980	3.97	7,860	Ton	732.00	5,754,000
	2007	1,910	4.79	9,150	Ton	671.00	6,140,000
Nectarines	2008	38	3.90	148	Ton	3,770.00	558,000
	2007	38	1.79	68	Ton	3,190.00	217,000
Peaches	2008	144	5.24	755	Ton	1,880.00	1,419,000
	2007	151	3.50	529	Ton	1,640.00	868,000
Plums and Pluots	2008	35	3.58	125	Ton	2,760.00	345,000
	2007	36	1.61	58	Ton	1,920.00	111,000
Walnuts	2008	466	2.22	1,030	Ton	1,400.00	1,442,000
	2007	468	1.78	833	Ton	1,740.00	1,449,000
Miscellaneous	2008	159					932,000
Fruit & Nut Crops*	2007	167					847,000
Total	2008	3,957					\$16,365,000
	2007	3,870					\$13,496,000

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

Nursery Products



Crop	Year	Production Area		Value
		House Sq. Ft.	Field Acres	Total
Bedding Plants	2008	151,000	3.10	1,051,000
	2007	786,000	24.50	8,094,000
Herbaceous Perennials	2008	78,400	4.05	1,321,000
	2007	493,000	12.90	1,157,000
Indoor Decoratives	2008	120,000	0.10	159,000
	2007	346,000	0.50	676,000
Vegetable Plants	2008	0	0.91	128,000
	2007	1,000	2.60	382,000
Miscellaneous Nursery Crops *	2008	0	44.90	820,000
	2007	56,700	51.70	1,551,000
Total	2008	349,400	53.06	\$3,479,000
	2007	1,682,700	92.20	\$11,860,000

* Christmas Trees, Cactus, Ground Covers, Propagative Materials, Ornamental Trees & Shrubs, Fruit Trees, Cut Flowers.

Livestock



Item	Year	Production		Unit	Value	
		No. of Head	Total Liveweight		Per Unit	Total
Cattle & Calves	2008	20,100	141,000	Cwt	85.10	12,000,000
	2007	18,000	126,000	Cwt	88.90	11,201,000

Item	Year	Production	Unit	Value	
				Per Unit	Total
Honey	2008	24,000	Lbs.	7.00	168,000
	2007	32,000	Lbs.	7.00	224,000
Beeswax	2008	180	Lbs.	4.00	720
	2007	240	Lbs.	4.00	960
Pollination	2008	400	Colonies	150.00	60,000
	2007	500	Colonies	150.00	75,000
Miscellaneous	2008				500,000
Livestock and Livestock Products*	2007				500,000
Total	2008				\$12,728,720
	2007				\$12,000,960

* 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>	
	2008	2007	2008	2007
Vegetable & Seed Crops	23.2	25.7	1	1
Fruit & Nut Crops	16.4	13.5	2	3
Field Crops	15.5	13.2	3	2
Livestock	12.7	12.0	4	4
Nursery Products	3.5	11.9	5	5

Category	<u>Gross Value</u>		<u>Change</u>
	2008	2007	
Field Crops	15,507,000	13,577,000	1,930,000
Vegetable & Seed Crops	23,153,900	25,706,700	-2,552,800
Fruit & Nut Crops	16,365,000	13,496,000	2,869,000
Nursery Crops	3,479,000	11,860,000	-8,381,000
Livestock	12,728,720	12,000,960	727,760
Total	\$71,233,620	\$76,640,660	-5,407,040

Total Acres in County	482,000
Population in County January 2008	1,051,677
Land in Farms - Acres (2007 Census)	146,993
Harvested Cropland - Acres (2007 Census)	23,876

Organic Farming

	Apricots	Cherries	Nectarines	Peaches	Pears	Pistachios	Plums	Fruit, other	Herbs	Peas/Beans	Sweet Corn	Tomatoes	Vegetables, leafy	Vegetables, root	Vegetables, other	Nursery products
No. of Farms	3	6	2	2	2	1	3	3	3	1	3	2	3	2	4	1
Estimated Acres	11.3	51.0	17.0	40.0	8.0	36.8	5.3	3.0	1.2	68.0	83.5	0.3	3.5	0.5	3.5	0.5
Total Acres Organically Farmed	336.4										Number of Organic Farms					
											13					

Million Dollar Crops



Category	<u>Gross Value/Million Dollars</u>		<u>Ranking</u>	
	2008	2007	2008	2007
Sweet Corn	13.5	13.2	1	1
Cattle & Calves	12.0	11.2	2	2
Tomatoes, All	6.4	5.9	3	5
Grapes	5.8	6.1	4	4
Field Corn	5.1	4.1	5	7
Hay - Alfalfa	3.8	3.6	6	8
Rangeland Pasture	3.3	3.4	7	9
Apples	2.1	0.9	8	
Cherries	2.0	1.7	9	10
Apricots, All	1.8	1.3	10	14
Miscellaneous Vegetables	1.8	5.0	11	6
Miscellaneous Field Crops	1.5	0.7	12	
Walnuts	1.4	1.4	13	13
Peaches	1.4	0.9	14	
Beans	1.4	1.5	15	12
Herbaceous Perennials	1.3	1.2	16	16
Bedding Plants	1.1	8.1	17	3

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</u> var. <u>solstitialis</u>)	Ongoing
Red Gum Lerp Psyllid (<u>Glycaspis brimblecombei</u>)	Encyrtid Parasitoid Wasp (<u>Psyllaephagus bliteus</u>)	Ongoing

Pest Exclusion



Cedar Apple Rust



Japanese Beetle



Glassywinged Sharpshooter

Shipments Inspected

Mail/UPS/Fed Ex/Express Carriers	70,767
Truck shipments from within California	4,577
Truck shipments from other states	247
Household Goods	148

Total A & Q Rated Pests Found 72

<i>Quarantine Rejections</i>	<i>Total</i>	<i>Canine Program*</i>
Live Pests	21	2
Plum Curculio	9	2
Burrowing Nematode	8	
Cedar-Apple Rust	8	
Citrus Pests	6	1
Japanese Beetle	5	
Glassywinged Sharpshooter	4	1
Red Imported Fire Ant	3	1
Hydrilla	3	
Weed Pests	3	
West Indian Sugarcane Beetle	2	
Gypsy Moth	1	1
Medfly	1	1
Cherry Fruit Fly	1	
Ozonium Root Rot	1	
Walnut and Pecan Pests	1	1
Cereal Leaf Beetle	1	1
Light Brown Apple Moth	1	
Nursery Stock Certificate	23	
Hawaii Certification	4	2
Reasonable Cause	6	
Origin/Markings	247	28
<i>Total</i>	<i>359</i>	<i>41</i>

* Contra Costa County has two canine detection teams that work in the Bay Area. The canine program values represent finds not marked as containing plant material in Contra Costa County only.

“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. 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.

A & Q Pest Interceptions in 2008



Little Fire Ant



Magnolia White Scale



Spiraling Whitefly

ANTS

Wasmannia auropunctata / Little Fire Ant
Technomyrmex albipes / White-footed Ant
Monomorium floricola / Trailing Ant
Pheidole megacephala / Bigheaded Ant
Other ant species

Rating

Rejections

A	1
Q	13
Q	1
Q	1
Q	9

SCALES

Pseudaulacaspis cockerelli / Magnolia White Scale
Pinnaspis strachani / Lesser Snow Scale
Pseudaulacaspis pentagona / White Peach Scale
Pseudaulacaspis brimblecombei / Macadamia White Scale
Pseudaonidia trilobitiformis / Trilobe Scale
Milviscutulus mangiferae / Mango Shield Scale
Vinsonia stellifera / Stellate Scale
Other scale species

A	6
A	1
A	1
Q	4
Q	1
Q	1
Q	1
Q	2

OTHER INSECTS, MITES, & MOLLUSCS

Darna pallivitta / Stinging Nettle Caterpillar
Gyponana sp. / Leafhopper
Orchamoplatus mammaeferus / Croton Whitefly
Aleurodicus dispersus / Spiraling Whitefly
Kallitaxila granulata / Planthopper
Nysius sp. / Planthopper
Battus philenor / Pipevine Swallowtail
Myloccerus sp. / Weevil
Phyllophaga sp. / May Beetle
Planococcus sp. / Mealybug
Thrips sp. / Thrip
Dreissena bugensis / Quagga Mussel

A	1
Q	2
Q	1
Q	1
Q	1
Q	1
Q	1
Q	1
Q	1
Q	1
Q	1

WEEDS

Cuscuta japonica / Giant Dodder
Bupleurum rotundifolium / Hare's Ear
Ceratopteris thalictroides / Watersprite
Colocasia esculenta / Wild Taro
Other weed species

A	10
Q	3
Q	1
Q	1
Q	2