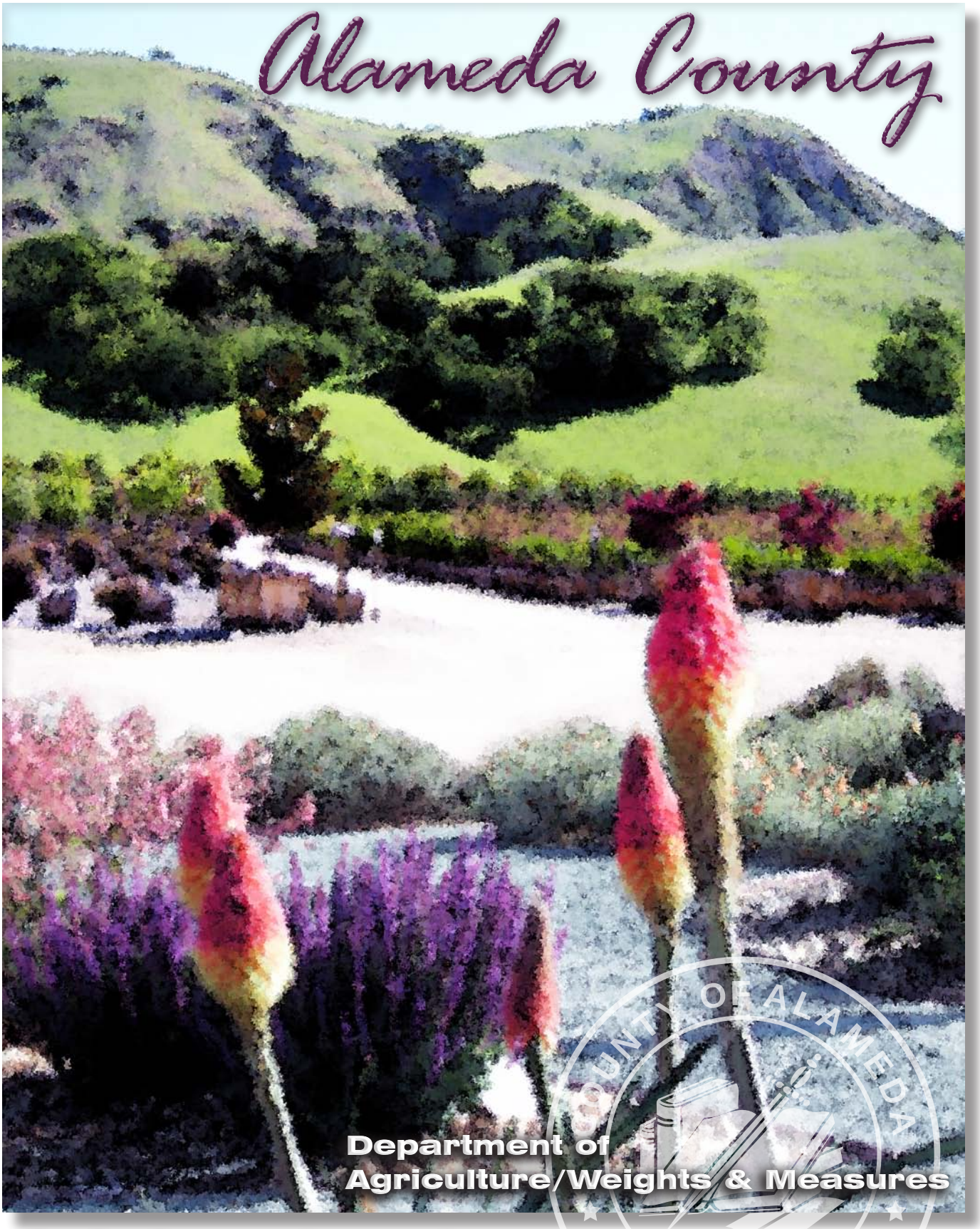


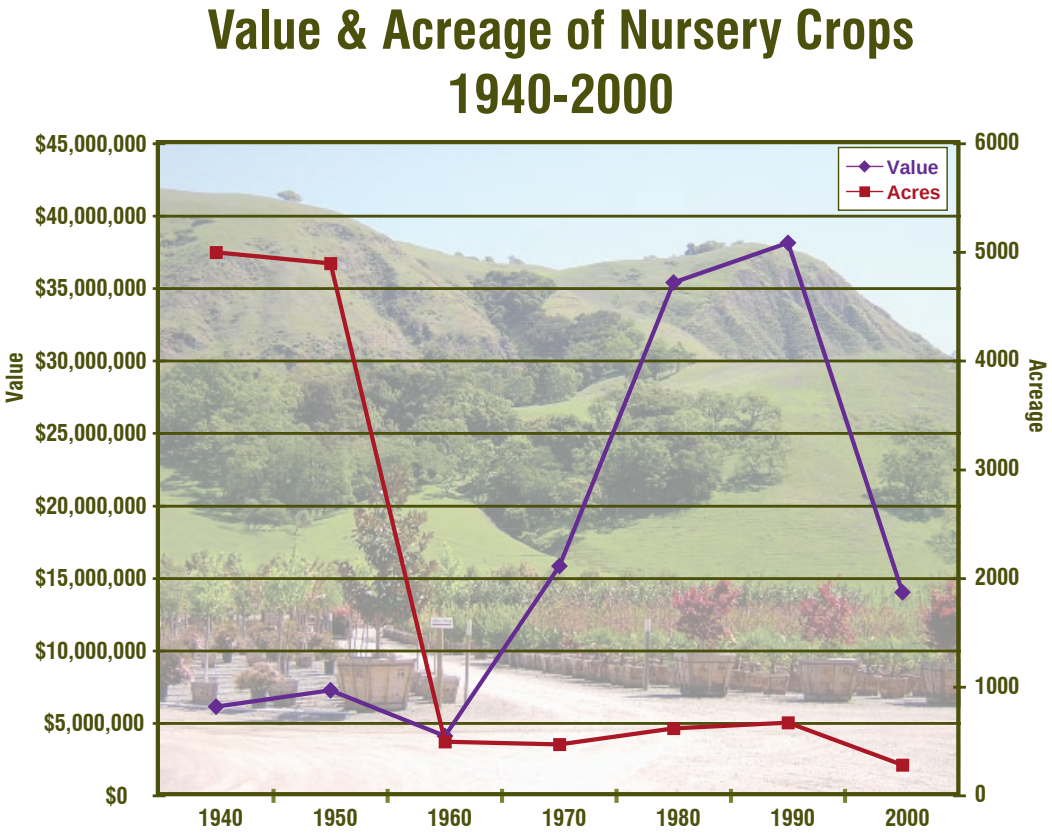
2007 CROP REPORT

Nursery Production in Alameda County: An Historical Perspective

The beginnings of civilization can be traced to man's ability to cultivate and produce crops. The origins of commerce emerged from the trading and marketing of agricultural commodities by early societies. Native Americans relied on native plants for an abundance of plant products for food and shelter, and for medicinal uses. In modern society, we likewise rely on commerce in plants for food and shelter, for aesthetic purposes, to enhance our landscapes and living spaces, and to retain our connection to the natural world. This great historical commerce in plants has evolved into a modern nursery industry which is global in scale and serves agricultural and horticultural needs of all kinds.

Alameda County has a rich agricultural heritage and retains a substantial nursery industry to this day. The production nursery industry in Alameda County began around 1884, when John Rock and partners started the California Nursery Company. The California Nursery Company produced vast holdings of nursery stock in the Fremont and Niles region of the county, and developed several fruit and nut varieties that were adapted to the coastal region of California. These varieties remain in cultivation and use today.

The nursery industry in Alameda County reached its peak during the period from the 1940's to 1970's, with several thousand square feet of greenhouse production and hundreds of acres dedicated to the production of ornamental nursery stock. During this time, the county had a large and diverse number of nursery producers, and was one of the top cut-flower producing regions in the state.



As in many agricultural producing areas of California, urban growth has reduced the total volume of nursery production in Alameda County. However, the local industry remains vital and still supports a significant portion of Northern California's nursery production needs. As a whole, the global nursery industry continues to evolve, meeting the ever changing needs of society by striving to: produce plants capable of higher yields from smaller growing areas, produce plants that can withstand harsher and changing environmental conditions with less intensive care, restore native ecosystems, and meet the increasing needs of our modern industrial society for energy through bio-fuels and genetic research.

The water color on the front cover and the pictures on the back cover illustrate the University of California Cooperative Extension's native and drought resistant plant species garden in front of the Livermore agricultural facility. This depicts the trend in California to conserve water by returning to the use of native and drought resistant species that are more adaptable and able to thrive in our gardens and landscapes as resources become more limited.

ALAMEDA COUNTY COMMUNITY DEVELOPMENT AGENCY
AGRICULTURE/WEIGHTS AND MEASURES

Chris Bazar
Agency Director

DENNIS F. BRAY, AGRICULTURAL COMMISSIONER/ SEALER OF WEIGHTS AND MEASURES
224 WEST WINTON AVENUE, ROOM 184, HAYWARD, CALIFORNIA 94544
phone 510.670.5232 **fax 510.783.3928** **www.acgov.org**

July 11, 2008

A.G. Kawamura, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Alameda, California

It is my pleasure to present the 2007 Alameda County Crop Report. In accordance with Sections 2272 and 2279 of the California Food and Agriculture Code this publication is presented annually and reports statistical information on acreage, yield, and gross value of Alameda County agricultural products.

The 2007 total gross value of Alameda County's agriculture was $42,441,000. This figure is a slight decrease (-2.2%) from the 2006 gross production value ($43,412,000) or $971,000.

Nursery Products was again our highest valued category which includes ornamental trees and shrubs, bedding plants, and indoor decorative plants. The value of these commodities increased $2,679,000 (+13.1%) compared to 2006 because of increased sales of ornamental trees and shrubs. Livestock was the next highest valued commodity which decreased $1,356,000 (-15.3%) compared to 2006 due to disaster drought conditions experienced in rangeland forage. Fruit and Nut Crops was the third highest valued category and had a decrease of $1,533,000 (-19%) because reduced wine grape production.

I would like to emphasize that the numbers in this report are gross values only and do not reflect costs related to production, harvesting, marketing or transportation.

I sincerely appreciate the cooperation of all the agricultural producers, contributing organizations, and those individuals in Alameda County who provided the necessary information for this report. I would also like to thank all the members of our staff whose hard work and dedication made this report possible.

Respectfully Submitted,

Dennis F. Bray
Agricultural Commissioner
Sealer of Weights and Measures

Annual Crop Report for Year 2007
ALAMEDA COUNTY

Alameda County
Board of Supervisors

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GAIL STEELE .....DISTRICT 2
ALICE LAI-BITKER, VICE PRESIDENT .....DISTRICT 3
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KEITH CARSON .....DISTRICT 5

County Administrative Officer

SUSAN MURANISHI

Director, Community Development Agency

CHRIS BAZAR

Agricultural Commissioner
Sealer of Weights and Measures

DENNIS F. BRAY

Table of Contents

Alameda County
Agricultural Commissioner/Sealer

Staff

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Sealer of Weights and Measures
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Assistant Sealer of Weights & Measures
Scott T. Paulsen

Chief Deputy Agricultural Commissioner
John W. Gouvaia

Deputy Agricultural Commissioner
Ronnie K. Eaton

Deputy Sealer of Weights and Measures
Ronald C. Hasemeyer

Acting Deputy Agricultural Commissioner
Cathy J. Roache

Pest Detection Supervisor
Cheryl E. Mailho

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Edwin De Villa
Edmund Duarte
Patricia Hunt
Blane Manchester
Kenneth Peek
Tadeusz Pieslak
Alcides Reyes
Justin Riggs
Raghubinder Sahota
James Smith
Ashenafi Tadesse
Michelle Trudeau
Rene Vega

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Brent Faria
Eric Forsberg
Ivan Gallo
Rodolfo Raras*
Estella Harris
Frank Jensen

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Carmen Franke
Jonathan Gomes
Joanne Greer
Mohamed Haj
Anand Shankar

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Sean Eckert
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Shawn Harrild
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Mohamed Khair
Khang Lam
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Reed O'Donnell
Anni Pattee
Lloyd Petroelje
Victor Rabinovich
Nikolas Radey
Arisa Soontraviratana
Dereje Tamerat

Clerical Support

Oscar Magtibay
Cora Robles, Secretary II
Clarice Walker

Field Crops

Crop	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Hay, Alfalfa	**2007**	**679**	**5.16**	**3,490**	**Ton**	**$179.00**	**$625,000.00**
	2006	389	5.37	2,089	Ton	$143.00	$299,000.00
Hay, Other	**2007**	**3,220**	**1.7**	**5,474**	**Ton**	**$104.00**	**$569,000.00**
	2006	3,648	3	10,944	Ton	$86.00	$941,000.00
Range Pasture	**2007**	**189,000**			**Acre**	**$17.10**	**$3,232,000.00**
	2006	189,000			Acre	$17.87	$3,377,000.00
Miscellaneous	**2007**	**300**	Includes sugar beets, safflower, corn silage, barley, oats, wheat, beans, irrigated pasture, etc.				**$248,000.00**
	2006	315					$266,000.00
TOTAL	**2007**	**193,199**					**$4,674,000.00**
	2006	193,352					$4,883,000.00

Fruit & Nut Crops

Crop	Year	Bearing Acreage	Per Acre	Total	Unit	Per Unit	Total
Grapes (Wine)							
Red	**2007**	**1,463**	**3.79**	**5,542**	**Ton**	**Various**	**$5,215,000.00**
	2006	1,681	3.92	6,590	Ton	Various	$6,090,000.00
White	**2007**	**453**	**4.38**	**1,984**	**Ton**	**Various**	**$1,240,000.00**
	2006	600	3.24	1,944	Ton	Various	$1,914,000.00
Misc. Fruit	**2007**	**167**	Includes olives, walnuts, strawberries, etc.				**$61,000.00**
	2006	120					$45,000.00
TOTAL	**2007**	**2,083**					**$6,516,000.00**
	2006	2,401					$8,049,000.00

Vegetable Crops

Crop	Year	Harvested Acreage	Total
Miscellaneous Vegetables	**2007**	**80**	**$601,000.00**
	2006	94	$1,153,000.00

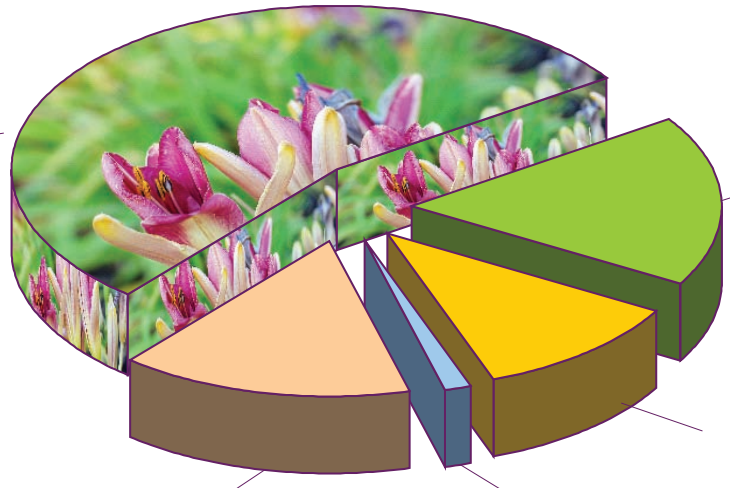
Includes broccoli, cabbage, corn, fava beans, leaf lettuce, greens, pumpkins, tomatoes, squash, etc.

Livestock & Poultry

Item	Year	No. of Head	Total Weight	Unit	Per Unit	Total
Cattle and Calves	**2007**	**12,792**	**78,159**	Cwt.	Various	**$7,191,000.00**
	2006	13,218	85,502	Cwt.	Various	$8,721,000.00
Misc. Poultry and Livestock Products	**2007**	Includes rabbits, sheep, wool, lambs, hogs, bees and apiary products				**$329,000.00**
	2006					$155,000.00
TOTAL	**2007**					**$7,520,000.00**
	2006					$8,876,000.00

Nursery Products

Item	Year	House Sq. Ft.	Field Acres	Quantity Sold	Unit	Per Unit	Total
Ornamental Trees and Shrubs	**2007**	**665,150**	**200**	**1,690,147**	**Plt.**	**Various**	**$20,393,000.00**
	2006	665,150	200	1,127,704	Plt.	Various	$17,820,000.00
Miscellaneous Nursery Products	**2007**	**254,300**	**69**	Includes bedding plants, indoor decoratives, narcissus, peonies, christmas trees, cut flowers, etc.			**$2,737,000.00**
	2006	254,300	69				$2,631,000.00
TOTAL	**2007**	**919,450**	**269**				**$23,130,000.00**
	2006	919,450	269				$20,451,000.00



Light Brown Apple Moth

Glassywinged Sharpshooter

Oriental Fruit Fly

Pest Detection

8,137 insect detection traps were deployed for exotic insects pests, and serviced 110,614 times during the year.

There were 928 yellow panel traps deployed in urban areas for detection of Glassy-winged Sharpshooter, with 11,840 servicings for the year.

In 2007 a county wide trapping survey began for Light Brown Apple Moth (LBAM). 1,168 insect traps were deployed and inspected a total of 20,831 times during the year.

Exotic insect pest finds included 1 Peach Fruit Fly and 436 Light Brown Apple Moths.

The following economically significant pests were the main targets of this effort: Mediterranean Fruit Fly, Mexican Fruit Fly, Oriental Fruit Fly, Melon Fly, Gypsy Moth, Japanese Beetle, Khapra Beetle, Glassywinged Sharpshooter, and Light Brown Apple Moth.

Male & Female Gypsy Moth

Medfly

Japanese Beetle

Peach Fruit Fly

Mexican Fruit Fly

Melon Fruit Fly

Sustainable Agriculture Reporting

County Biological Control

Pest	Agent/Mechanism	Scope of Program
Yellow Starthistle (Centaurea solstitialis)	**Bud Weevil** (Bangasternus orientalis)	Found in most areas of the County
	Seedhead Gall Fly (Urophora sirunaseva)	Found in most areas of the County
	Seedhead Fly (Chaetorellia spp.)	Found in most areas of the County
	Hairy Weevil (Eustenopus villosus)	Found in most areas of the County
	Rust Fungus (Puccinia jaceae var. solstitialis)	Released at 3 sites

Organic Farming Statistics

	Number of Registered Organic Producers	Est. Acreage
Miscellaneous Crops	3	75

Pest Management and Eradication

Pest	Agent/Mechanism	Scope of Program
Artichoke Thistle (Cynara cardunculus)	Chemical	45 Net Acres
Dalmatian Toadflax (Linaria genistifolia)	Mechanical	One Site/1Acre
Golden Thistle (Scolymus hispanicus)	Chemical	720 Acres
Iberian Thistle (Centaurea iberica)	Chemical & Mechanical	One Site/10 Acres
Japanese Dodder (Cuscuta japonica)	Mechanical	34 Sites
Pampas Grass (Corederia selloana)	Chemical	1 Site/2 Acres
Puna Grass (Stipa brachychaeta)	Mechanical	One Site/2 Acres
Purple Starthistle (Centaurea calcitrapa)	Chemical & Mechanical	18 Net Acres

Pest Exclusion

Inspection of incoming shipments of plant products and other high-risk articles to prevent the introduction of pests and diseases harmful to California's agricultural industry. 291 Glassy-winged sharpshooter (GWSS) traps were deployed in various nurseries, with 5,750 servicings for the year.

Type of Shipment	Number Inspected	Number Rejected
Parcel Carriers (Post Office, UPS, Fed Ex, Etc.)	27,800	395
Trucks	591	5
Household Goods (for Gypsy Moth)	129	1
	Shipments Incoming	**Number Rejected**
GWSS	4,155	5

LBAM Exclusion Program

Businesses under compliance agreement: 1 Host/Crop Producer, 7 Community Gardens, 90 Retail/Production Nurseries, 25 Greenwaste Facilities (origin facilities and transporters)

Number of compliance inspections: 750 **Total traps in shipping nurseries:** 52 **Number of positive nursery finds:** 1

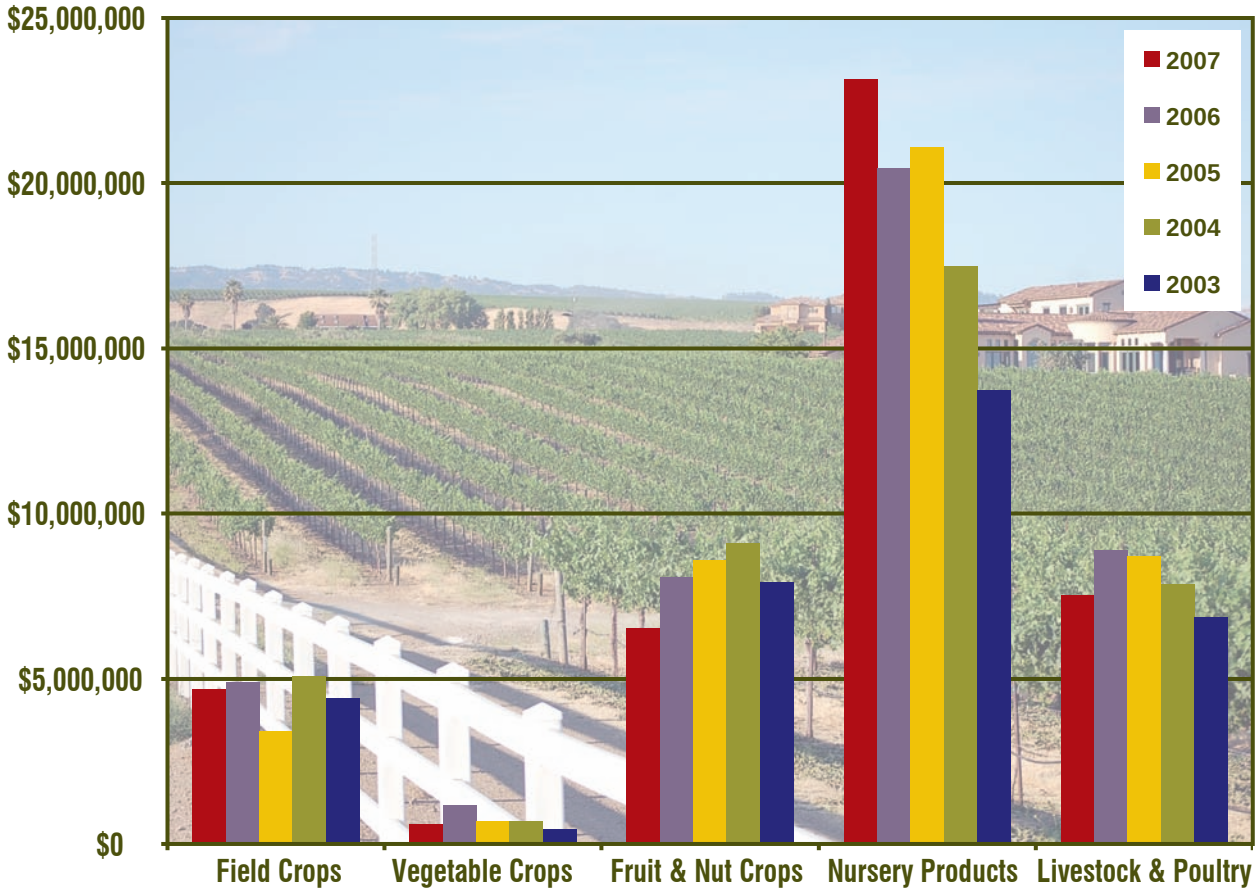
Equine Statistics

Currently we can account for 9,367 horses in Alameda County. However, there is an estimated 13,000. Equine uses include, but are not limited to: recreation, non-racing competition, working, racing and breeding. The purpose of including equine data in our crop report is to demonstrate the economic benefit of this industry. Hopefully, horses will soon again be recognized statewide as a part of agriculture.

Comparison Summary

	2007	2006	2005	2004	2003
Field Crops	**4,674,000**	4,883,000	3,403,000	5,087,000	4,417,000
Vegetable Crops	**601,000**	1,153,000	683,000	682,000	451,000
Fruit & Nut Crops	**6,516,000**	8,049,000	8,580,000	9,084,000	7,902,000
Nursery Products	**23,130,000**	20,451,000	21,065,000	17,491,000	13,730,000
Nursery Cut Flowers	Included in Nursery Products	Included in Nursery Products	Included in Nursery Products	Included in Nursery Products	
Livestock & Poultry	**7,520,000**	8,876,000	8,695,000	7,850,000	6,842,000
Apiary Products	Included in Livestock & Poultry	Included in Livestock & Poultry	Included in Livestock & Poultry	Included in Livestock & Poultry	
TOTALS	**42,441,000**	43,412,000	42,426,000	40,194,000	37,342,000

Value of All Crops Since 2003



General Alameda County Information

County Seat	Oakland
County Population, 2007	1,526,148
Land Area (Square Miles)	737.5
Water Area (Square Miles)	83.8
Persons per Square Mile	2,069

14 Incorporated Cities

Alameda • Albany • Berkeley • Dublin • Emeryville • Fremont • Hayward
Livermore • Newark • Oakland • Piedmont • Pleasanton • San Leandro • Union City

6 Unincorporated Areas

Ashland • Castro Valley • Cherryland • Fairview • San Lorenzo • Sunol

Total Assessed Property (Local Roll – 2007)	$197,589,813,473
Total Harvested Crop Acreage (2007)	195,362
Major Roads	Interstate 80, Interstate 580, Interstate 680, Interstate 880, Highway 238, Highway 84, Highway 92, Highway 13
Elevation	Sea level to 3,817 ft. at Rose Peak in the southern part of the County
Average Climate	Mild winters and cool summers near the Bay. The eastern portion of the County is moderately warmer; high temperatures in the Livermore Amador Valley average 90°F in July.