

DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

2012 Crop Report

ALAMEDA
COUNTY



ALAMEDA COUNTY
Community Development Agency



The Koopmann Family – Tim, Carissa, Clayton and Melinda. *(Photo provided courtesy of the Sand County Foundation, photo credit: Paolo Vescia)*

Leopold Conservation Award

In January 2012 Alameda County Rancher Tim Koopmann received the 2011 Leopold Conservation Award. The Leopold Conservation Award recognizes exemplary achievement in voluntary conservation by private land owners and families for their commitment to enhancing the natural resources that are in their care, and for helping the general public to understand the vital role private landowners play in conservation success.

Tim Koopmann is a third generation rancher from Sunol, California, and also works as a Watershed Resources Specialist for the San Francisco Public Utilities Commission. In his private and professional

capacities, Tim manages over 40,000 acres of watershed lands in Alameda County and the greater San Francisco Bay Area. Tim has over the years demonstrated a profound ability to foster partnerships between conservation and ranching communities, and has been a strong voice for sustaining agriculture for generations to come.

In further recognition of Tim's work and proud accomplishments, on November 17th 2012 Tim was also elected 46th president of the California Cattlemen's Association. We applaud Mr. Koopmann for his leadership and congratulate him as he is recognized for his outstanding personal and career accomplishments.

(Cover photo courtesy of California Cattlemen's Association)



ALAMEDA COUNTY | **Community Development Agency**

AGRICULTURE | WEIGHTS & MEASURES

Chris Bazar
Agency Director

Dennis F. Bray
Commissioner

Scott T. Paulsen
Asst. Commissioner

224 W. Winton Ave
Room 184
Hayward, CA 94544

phone
510.670.5232

fax
510.783.3928

www.acgov.org/cda

June 28, 2013

Karen Ross, Secretary
California Department of Food and Agriculture
and
The Honorable Board of Supervisors
County of Alameda, California

It is my pleasure to present the 2012 Alameda County Crop Report. In accordance with Sections 2272 and 2279 of the California Food and Agricultural Code this publication is presented annually and reports statistical information on acreage, yield, and gross value of Alameda County agricultural products.

The 2012 total gross value of Alameda County's agriculture was \$40,059,000. This figure is a decrease of 1,121,000 (2.7%) from the 2011 gross production value of \$41,180,000.

Fruit and Nut Crops, went to the top in gross value production in 2012, valued at \$14,259,000. This was a significant increase of 18.4% from last year due primarily to an increase in bearing acreage and total tonnage of wine grapes which experienced a very good production season. Nursery Products dropped in valued by 13.3% compared to 2011 to \$10,531,000, which include ornamental trees and shrubs, bedding plants, and indoor decorative plants. Nursery acreage and sales have declined in recent years in accordance with the sluggish economy. The third highest valued commodity, Livestock and Poultry, at \$8,709,000, was down significantly by 20.1% from the previous year a result of severe drought conditions in the 2012 rangeland forage season. This is a result of lower production yields and culling of herds by cattle producers.

It is important to emphasize that the numbers in this report are gross values only and do not reflect costs related to production, harvesting, marketing or transportation. The overall local economic benefit of our agricultural production is generally thought to be about three times the gross production value.

We sincerely appreciate the cooperation of the many individuals and organizations that provided the necessary information for this report. Special recognition and thanks goes to 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





BOARD OF SUPERVISORS

District 1

SCOTT HAGGERTY

District 2

RICHARD VALLE

District 3

WILMA CHAN

District 4

NATE MILEY

District 5

KEITH CARSON

COUNTY ADMINISTRATOR

SUSAN MURANISHI



ALAMEDA COUNTY
Community Development Agency

DIRECTOR

CHRIS BAZAR

DEPUTY DIRECTOR

Agricultural Commissioner
Sealer of Weights & Measures

DENNIS F. BRAY

Alameda County | Community Development Agency Agriculture/Weights & Measures

CDA - Deputy Director

Agricultural Commissioner/Sealer of Weights and Measures

Dennis F. Bray

CDA - Assistant Deputy Director

Assistant Agricultural Commissioner/Sealer of Weights and Measures

Scott T. Paulsen

Deputy Agricultural Commissioner/Sealer

Edmund Duarte

Ronnie K. Eaton

Ronald Hasemeyer

Cathy Roache

Agricultural & Standards Manager

Cheryl Mailho

Agricultural & Standards Investigator III

Edwin De Villa

Eric Forsberg

Ivan Gallo

Estella Harris

Patricia Hunt

Kenneth Peek

Alcides Reyes

Raghubinder Sahota

Ashenafi Tadesse

Agricultural & Standards Investigator II

Brent Faria

Frank Jensen

Keely Kirkman

Blane Manchester

Rodolfo Raras

Lisa Sampson

Michelle Trudeau

Agricultural Biologists

Justin Riggs

Weights & Measures Inspector

William Alejandro

Agricultural & Standards Technicians

Mohamed Elhashash

Carmen Franke

Jonathan Gomes

Joanne Greer

Anand Shankar

Agricultural & Standards Aides (SAN) (TAP*)

Robert Brostrom

Jenner Christiansen*

Sean Eckert

Darin Hoagland

Amare Haileselassie

Patrick Hoffman

Mohamed Khair*

Khang Lam

Seth Mariconi

Bridget Mooney

Rhonda Nave

Michael Plotz

Holly Pugh*

Victor Rabinovich

Nikolas Radey

Virendra Singh

Dereje Tamerat

Nicholas Wagner

Canine Inspection Team

Lisa Sampson and Cosmo

Supervising Secretary II

Cora Robles

Administrative/Clerical Support

Suzette Morgado

Deon Sailes

Clarice Walker



ALAMEDA COUNTY 2012 CROP REPORT

Leopold Conservation Award	Inside Front Cover
Letter to the Secretary/Board of Supervisors	3
County, Agency and Department Staff.....	4
Table of Contents	5
Field Crops	6
Fruit and Nut Crops	6
Nursery Products	7
Vegetable Crops.....	7
Livestock and Poultry	7
Pest Management and Eradication	8
County Biological Control	8
Pest Exclusion	8
Canine Inspection Program	9
Light Brown Apple Moth Program	9
Pest Detection	9
Sustainable Agriculture Report	10
Organic Farming	10
Community Supported Agriculture	10
Equine Statistics	10
Five Year Comparison Summary	11
General Alameda County Information	11
Alameda County Mission Statement	Back Cover



FIELD CROPS

Crop	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Hay, Alfalfa	2012	789	5.06	3,992	Ton	\$233.00	\$930,000
	2011	704	4.62	3,249	Ton	\$220.00	\$715,000
Hay, Other	2012	5,243	1.48	7,973	Ton	\$157.00	\$1,252,000
	2011	4,771	1.50	7,156	Ton	\$155.80	\$1,115,000
Range Pasture	2012	182,000			Acre	\$16.62	\$3,025,000
	2011	182,000			Acre	\$15.20	\$2,766,000
Miscellaneous	2012	640	Includes corn, wheat, <i>sorghum</i> , silage, dry beans, etc.				\$404,000
	2011	973					\$715,000
Total	2012	188,672					\$5,611,000
	2011	188,448					\$5,311,000

FRUIT & NUT CROPS

Crop	Year	Bearing Acreage	Per Acre	Total	Unit	Ave Per Unit	Total
Grapes (WINE) Red	2012	2,193	3.65	8,008	Ton	Various	\$10,384,000
	2011	1,988	3.38	6,719	Ton	Various	\$9,157,000
Grapes (WINE) White	2012	748	4.03	3,018	Ton	Various	\$3,380,000
	2011	658	3.75	2,469	Ton	Various	\$2,759,000
Misc. Fruit & Nut	2012	343	Includes olives, walnuts, pistachios, persimmon, etc.				\$495,000
	2011	321					\$127,000
Total	2012	3,284					\$14,259,000
	2011	2,967					\$12,043,000



NURSERY PRODUCTS

Item	Year	House Sq. Ft.	Field Acres	Quantity Sold	Unit	Per Unit	Total
Ornamental Trees and Shrubs	2012	91,555	149	513,995	Plt.	Various	\$9,413,000
	2011	661,555	158	641,172	Plt.	Various	\$10,865,000
Miscellaneous Nursery Products	2012	320,880	70	Includes bedding plants, cut flowers, indoor decoratives, christmas trees, vegetable starts, etc.			\$1,118,000
	2011	211,300	68				\$1,282,000
Total	2012	412,435	219				\$10,531,000
	2011	872,855	226				\$12,147,000

VEGETABLE CROPS

Crop	Year	Harvested Acreage		Total
Miscellaneous Vegetables	2012	83	Includes broccoli, cabbage, corn, leaf lettuce, greens, pumpkins, tomatoes, squash, etc.	\$949,000
	2011	82		\$785,000

LIVESTOCK & POULTRY

Item	Year	No. Of Head	Total Weight	Unit	Ave Per Unit	Total
Cattle & Calves	2012	11,208	64,669	Cwt.	VARIOUS	\$8,191,000
	2011	13,794	88,281	Cwt.	VARIOUS	\$10,329,000
Misc. Poultry and Livestock Products	2012	Includes sheep, goats, pigs, lambs, bees and apiary products				\$518,000
	2011					\$565,000
Total	2012					\$8,709,000
	2011					\$10,894,000



PEST MANAGEMENT & ERADICATION

WEEDS (Common Name/Scientific Name)		CONTROL METHOD	SCOPE OF PROGRAM (No. Sites/Net Treated Acres)
Puna Grass	<i>Stipa brachychaeta</i>	Monitoring	1 site - monitoring
Golden Thistle	<i>Scolymus hispanicus</i>	Monitoring	720 acres
Iberian Starthistle	<i>Centaurea iberica</i>	Monitoring	1 site, monitoring
Dalmatian Toadflax	<i>Linaria genistifolia</i>	Mechanical Removal	1 Site – 0.1 acres
Japanese Dodder	<i>Cuscuta japonica</i>	Mechanical Removal	4 sites- 0.05 acres
Artichoke Thistle	<i>Cynara cardunculus</i>	Chemical/Mechanical	various, 40 net acres
Purple Starthistle	<i>Centaurea calcitrapa</i>		
Hoary Cress	<i>Cardaria spp.</i>	Chemical/Mechanical	4 sites, 3.5 acres
White Horsenettle	<i>Solanum elaeagnifolium</i>	Chemical/Mechanical	4 sites, 0.75 acres
Skeletonweed	<i>Chondrilla juncea</i>	Mechanical Removal	2 sites, 0.5 acre
Invasive Spartina	<i>Spartina spp.</i>	Chemical	regional, 5 acres
Russian Knapweed	<i>Acroptilon repens</i>	Chemical/Mechanical	4 sites, 1.5 acres

COUNTY BIOLOGICAL CONTROL

Biological control is the reduction of pest populations through the use of natural enemies such as parasitoids, predators, pathogens, antagonists, or competitors.

PEST	AGENTS	SCOPE OF PROGRAM
YELLOW STARHISTLE (<i>Centaurea solstitialis</i>)	Bud Weevil (<i>Bangasternus orientalis</i>)	Countywide
	Seedhead Gall Fly (<i>Urophora sirunaseva</i>)	Countywide
	Seedhead Fly (<i>Chaetorellia spp.</i>)	Countywide
	Hairy Weevil (<i>Eustenopus villosus</i>)	Countywide
	Rust Fungus (<i>Puccinia jaceae var. solstitialis</i>)	Released in 3 Sites

PEST EXCLUSION

Pest Exclusion is the first line of defense to prevent detrimental, non-native pests from entering the county. The County Agriculture Department inspects shipments of plant products and other high-risk articles daily at various shipping terminals to enforce quarantines intended to prevent the introduction of harmful pests.

TYPE OF SHIPMENT	SHIPMENTS INSPECTED	SHIPMENTS REJECTED
PARCEL CARRIER	7838	126 (40 pests found)
TRUCKS	148	1 (1 pests found)
HOUSEHOLD GOODS	182	0 (no viable GM found)
NURSERY (GWSS Program)	2712	0 (egg masses)

CANINE INSPECTION PROGRAM

The Canine Inspection Team works at various parcel terminals to detect and inspect unmarked parcels containing unprocessed agricultural commodities to prevent the introduction of pests and diseases. Agriculture detector dogs have been shown to be highly effective in finding pests in parcels and are being used throughout the state to help protect California agriculture.

TYPE OF SHIPMENT	SHIPMENTS INSPECTED	SHIPMENTS REJECTED
PARCEL CARRIER	2065	195 (28 pests found)
'A' and 'Q' rated pest interceptions	17	17

LIGHT BROWN APPLE MOTH PROGRAM

COMPLIANCE INSPECTIONS	429
TRAPS IN NURSERIES/CROPS	55 (No female adults found)
BUSINESSES UNDER COMPLIANCE AGREEMENT	
CROP PRODUCERS	7
COMMUNITY GARDENS/DIRECT MARKETS	0
RETAIL AND PRODUCTION NURSERIES	127
GREENWASTE FACILITIES	16

PEST DETECTION

Pest Detection is the second line of defense to prevent detrimental, non-native pests from becoming established within a large area of the county or state. Insect traps are placed and monitored to detect whether a pest is present in a particular location.

TARGET PEST	HOSTS	# OF TRAP SERVICINGS
Mediterranean Fruit Fly	Fruit trees	77,801
Mexican Fruit Fly	Fruit trees	
Melon Fruit Fly	Vegetable gardens	
Oriental Fruit Fly	Fruit trees	
Other Fruit Flies	Fruit trees and vegetables	
Gypsy Moth	Shade trees	
Japanese Beetle	Turf and Roses	
European Pine Shoot Moth	Pine trees	
Trogoderma Beetle	High-hazard articles	
Glassy-winged Sharpshooter	Landscape and nursery plants	13,870
Light Brown Apple Moth	Ornamental and commercial plants	409
Asian Citrus Psyllid	Ornamental and nursery plants	5,038
European Grapevine Moth	Vineyards	86

ORGANIC FARMING

CROP	REGISTERED PRODUCERS	ESTIMATED ACREAGE
Miscellaneous	10	240

COMMUNITY SUPPORTED AGRICULTURE

TYPE	NUMBER	UNITS
Community Gardens	21	48 acres
School Gardens	270	94 acres
Certified Farmers Markets	37	615 stalls
Certified Producers	23	157 acres

EQUINE STATISTICS

Commercial use of horses is considered an agricultural use for the purposes of the Williamson Act. This category includes the breeding and training of race horses, competition horses and ranch horses for commercial sale.

TYPE	NUMBER
Race Horses	2,000
Competition Horses	1,000
Ranch Horses	1,500
Recreation/Pleasure *	5,000

**Ineligible for Williamson Act as being of economic benefit to agriculture. This category of horses however, is recognized for its ancillary benefit.*



FIVE YEAR COMPARISON SUMMARY

PRODUCTION	2012	2011	2010	2009	2008
Field Crops	\$5,611,000	\$5,311,000	\$4,482,000	\$3,731,000	\$4,538,000
Vegetable Crops	\$949,000	\$785,000	\$897,000	\$838,000	\$745,000
Fruit & Nut Crops	\$14,259,000	\$12,043,000	\$11,994,000	\$14,144,000	\$8,772,000
Nursery Products	\$10,531,000	\$12,147,000	\$11,476,000	\$13,679,000	\$19,317,000
Livestock & Poultry	\$8,709,000	\$10,894,000	\$6,447,000	\$4,775,000	\$7,813,000
Totals	\$40,059,000	\$41,180,000	\$35,296,000	\$37,167,000	\$41,185,000

Alameda County General Information

County Seat..... Oakland
 County Population, 2010 1,510,271
 Land Area (Square Miles) 737.5
 Water Area (Square Miles) 83.8
 Persons per Square Mile 2,046

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

Facts

Total Assessed Property (Local Roll 2012-13) \$204,700,974,963
 Total Harvested Crop Acreage (2012) 192,267
 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.



224 W. Winton Avenue • Room 184
Hayward, California 94544
phone 510.670.5232
www.acgov.org/cda

Alameda County

MISSION

To enrich the lives of Alameda County residents through visionary policies and accessible, responsive, and effective services

VISION

Alameda County is recognized as one of the best counties in which to live, work and do business.

VALUES

Integrity, honesty and respect fostering mutual trust.

Transparency and accountability achieved through open communications and involvement of diverse community voices.

Fiscal stewardship reflecting the responsible management of resources.

Customer service built on commitment, accessibility and responsiveness.

Excellence in performance based on strong leadership, teamwork and a willingness to take risks.

Diversity recognizing the unique qualities of every individual and his or her perspective.

Environmental stewardship to preserve, protect and restore our natural resources.

Social responsibility promoting self-sufficiency, economic independence and an interdependent system of care and support.

Compassion ensuring all people are treated with respect, dignity and fairness.

