


DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES



2013
Crop ALAMEDA
COUNTY
Report



ALAMEDA COUNTY
Community Development Agency



Dennis F. Bray, retired
Alameda County Agricultural Commissioner/ Sealer
2003-2014



Dennis F. Bray, retired after 33 years of public service to the County Agricultural Commissioner/ Sealer System. He began his career in 1980 with Kings County Department of Agriculture as an Agricultural Biologist. He was appointed by their Board of Supervisors as the Agricultural Commissioner and Sealer of Weights & Measures in 1996 and then in 2003, appointed as the Alameda County Agricultural Commissioner and Sealer of Weights and Measures until his retirement in March of 2014.

Dennis was a strong supporter of bringing agriculture to all of Alameda County. He expanded the Alameda County Agriculture in the Classroom program to heighten the awareness and importance that agriculture has on the everyday lives of our youth. He was also instrumental in bringing the first Canine Inspection Team to Alameda County, enhancing the pest prevention program to keep out serious pests that are detrimental to agriculture and the environment.

Dennis zealously promoted and protected agriculture, working cooperatively with industry, state, and federal agencies to successfully eradicating several infestations of various Fruit Fly and Vineyard Pests in Alameda County over the past eleven years preventing further spread and damage throughout California.

Dennis served as a member and President of the Alameda County Mosquito Abatement District Board of Trustees, ex-officio member of the Alameda County Agricultural Advisory Committee and Farm Bureau, and was honored in 2013 by the Alameda County Farm Bureau as their "Agriculturalist of the Year".

We wish Dennis a long and happy retirement.



ALAMEDA COUNTY | Community Development Agency

AGRICULTURE / WEIGHTS & MEASURES DEPARTMENT

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July 31, 2014

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 2013 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 2013 total gross value of Alameda County's agriculture was \$41,957,000. This figure is an increase of 1,898,000 (4.7%) from the 2012 gross production value of \$40,059,000.

Fruit and Nut Crops, remained the top grossing commodity group in 2013 valued at \$16,124,000, a 13.1% increase from 2012. This increase was due to high tonnage yields of winegrapes during another highly productive season. Nursery Products fell in value to \$8,377,000, a decrease of 20.5% from 2012. Nursery Products, which include ornamental trees and shrubs, bedding plants, and indoor decorative plants declined for a third consecutive year. This was caused by diminishing production acreages and reduced sales due to the drought and a still struggling economy. Vegetable Crops increased 7.5% in 2013 to a value of \$1,020,000. Livestock and Poultry production underwent a significant 26.7% increase in 2013 to a value of \$11,032,000. This boost was a result of drought related management strategies which included extensive culling of herds. Field Crops declined 3.7% from 2012 to \$5,404,000 with production losses attributable primarily to reduced value in dryland hay.

It is important to emphasize 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 under the leadership of Edmund Duarte and Carla Radosta.

Respectfully submitted,

Scott T. Paulsen
Agricultural Commissioner
Sealer of Weights and Measures





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ALAMEDA COUNTY 2013 CROP REPORT

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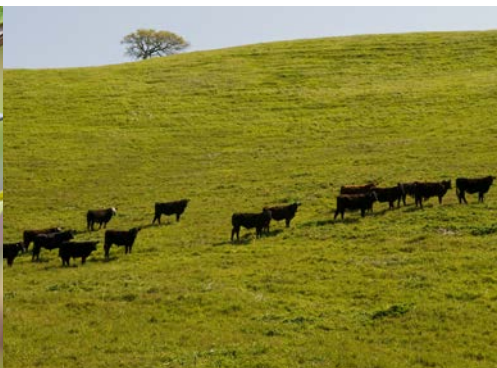
Photo by Ken Peek

FIELD CROPS

Crop	Year	Harvested Acreage	Per Acre	Total	Unit	Per Unit	Total
Hay, Alfalfa	2013	529	5.47	2,894	Ton	\$225.00	\$651,000
	2012	789	5.06	3,992	Ton	\$233.00	\$930,000
Hay, Other	2013	4,113	1.33	5,470	Ton	\$183.00	\$1,001,000
	2012	5,243	1.48	7,973	Ton	\$157.00	\$1,252,000
Range Pasture	2013	177,798			Acre	\$16.98	\$3,019,000
	2012	182,000			Acre	\$16.62	\$3,025,000
Miscellaneous	2013	1,095	Includes corn, wheat, sorghum, silage, dry beans, etc.				\$733,000
	2012	640					\$404,000
Total	2013	183,535					\$5,404,000
	2012	188,672					\$5,611,000

FRUIT & NUT CROPS

Crop	Year	Bearing Acreage	Per Acre	Total	Unit	Ave Per Unit	Total
Grapes (WINE)Red	2013	2,089	5.55	11,594	Ton	\$1,030.30	\$11,945,000
	2012	2,193	3.65	8,008	Ton	\$1,296.74	\$10,384,000
Grapes (WINE)White	2013	708	6.64	4,701	Ton	\$855.08	\$4,020,000
	2012	748	4.03	3,018	Ton	1.1119.79	\$3,380,000
Misc. Fruit & Nut	2013	338	Includes olives, walnuts, pistachios, persimmon, etc.				\$159,000
	2012	343					\$495,000
Total	2013	3,135					\$16,124,000
	2012	3,284					\$14,259,000



NURSERY PRODUCTS

Item	Year	House Sq. Ft.	Field Acres	Quantity Sold	Unit	Per Unit	Total
Ornamental Trees and Shrubs	2013	56,555	120	365,156	Plt.	Various	\$7,159,000
	2012	91,555	149	513,995	Plt.	Various	\$9,413,000
Miscellaneous Nursery Products	2013	322,880	68	Includes bedding plants, cut flowers, indoor decoratives, Christmas trees, vegetable starts, etc.			\$1,218,000
	2012	320,880	70				\$1,118,000
Total	2013	379,435	188				\$8,377,000
	2012	412,435	219				\$10,531,000

VEGETABLE CROPS

Crop	Year	Harvested Acreage		Total
Miscellaneous Vegetables	2013	81	Includes broccoli, cabbage, corn, leaf lettuce, greens, pumpkins, tomatoes, squash, etc.	\$1,020,000
	2012	83		\$949,000

LIVESTOCK & POULTRY

Item	Year	No. Of Head	Total Weight	Unit	Ave Per Unit	Total
Cattle & Calves	2013	11,477	90,245	Cwt.	VARIOUS	\$10,309,000
	2012	11,208	64,669	Cwt.	VARIOUS	\$8,191,000
Misc. Poultry and Livestock Products	2013	Includes sheep, goats, pigs, lambs, bees and apiary products				\$723,000
	2012					\$518,000
Total	2013					\$11,032,000
	2012					\$8,709,000



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	6 sites – 0.1 acres
Artichoke Thistle	<i>Cynara cardunculus</i>	Chemical/Mechanical	various, 29.6 acres
Purple Starthistle	<i>Centaurea calcitrapa</i>		
Hoary Cress	<i>Cardaria spp.</i>	Chemical/Mechanical	5 sites, 4 acres
White Horsenettle	<i>Solanum elaeagnifolium</i>	Chemical/Mechanical	4 sites, monitoring
Skeletonweed	<i>Chondrilla juncea</i>	Mechanical Removal	2 sites, monitoring
Invasive Spartina	<i>Spartina spp.</i>	Chemical	various, 0.47 acres
Russian Knapweed	<i>Acroptilon repens</i>	Chemical/Mechanical	4 sites, monitoring

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	7012	196 (73 pests found)
TRUCKS	122	0 (0 pests found)
HOUSEHOLD GOODS	144	2 (no viable GM found)
NURSERY (GWSS Program)	3127	0 (0 egg masses)

CANINE INSPECTION PROGRAM

Our 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	1770 total	375 (78 total pests found)
'A' and 'Q' rated pest interceptions	20	20 (32 A/Q pests)

LIGHT BROWN APPLE MOTH PROGRAM

COMPLIANCE INSPECTIONS	296
TRAPS IN NURSERIES/CROPS	29 (No female adults found)
BUSINESSES UNDER COMPLIANCE AGREEMENT	
CROP PRODUCERS	7
COMMUNITY GARDENS/DIRECT MARKETS	0
RETAIL AND PRODUCTION NURSERIES	12 (0 retail nurseries)
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	86,868
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	
Light Brown Apple Moth	Ornamental and commercial plants	351
Asian Citrus Psyllid	Ornamental and nursery plants	2,078
European Grapevine Moth	Vineyards	719

ORGANIC FARMING

CROP	REGISTERED PRODUCERS	ESTIMATED ACREAGE
Miscellaneous	9	118

COMMUNITY SUPPORTED AGRICULTURE

TYPE	NUMBER	UNITS
Community Gardens	21	48 acres
School Gardens	264	90 acres
Certified Farmers Markets	36	736 stalls
Certified Producers	21	148 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	2013	2012	2011	2010	2009
Field Crops	\$5,404,000	\$5,611,000	\$5,311,000	\$4,482,000	\$3,731,000
Vegetable Crops	\$1,020,000	\$949,000	\$785,000	\$897,000	\$838,000
Fruit & Nut Crops	\$16,124,000	\$14,259,000	\$12,043,000	\$11,994,000	\$14,144,000
Nursery Products	\$8,377,000	\$10,531,000	\$12,147,000	\$11,476,000	\$13,679,000
Livestock & Poultry	\$11,032,000	\$8,709,000	\$10,894,000	\$6,447,000	\$4,775,000
Totals	\$41,957,000	\$40,059,000	\$41,180,000	\$35,296,000	\$37,167,000

Alameda County General Information

County Seat.....	Oakland
County Population, 2010	1,510,271
Land Area (Square Miles)	738
Water Area (Square Miles)	83.8
Persons per Square Mile, 2010	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 2014-15)	\$229,200,000,000
Total Harvested Crop Acreage (2013)	186,948
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.



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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.

