

DEPARTMENT OF AGRICULTURE  
WEIGHTS & MEASURES



ALAMEDA COUNTY  
Community Development Agency

ALAMEDA COUNTY  
**2018**  
**Crop**  
**Report**



THE 2018 ALAMEDA COUNTY AGRICULTURAL CROP REPORT IS DEDICATED TO  
RON HASEMEYER, PATRICIA HUNT AND ESTELLA HARRIS  
FOR THEIR OVER 100 YEARS OF SERVICE TO THE RESIDENTS OF ALAMEDA COUNTY.



Ronald Hasemeyer served over 36 years in Alameda County. He started as a Weights and Measures Inspector and advanced to become a Deputy Agriculture Commissioner and Sealer in 2007. Ron not only served in Alameda County but was also active in working at the State and National levels to ensure that consumers and sellers have a fair marketplace. His knowledge and expertise in all things weights & measures are greatly missed.

All artwork in this Crop Report was graciously provided by Ron.



Patricia Hunt served over 32 years in Alameda County. She started as an Insect Trapper and advanced her career through the Agricultural Biologist/Agricultural and Standards Investigator ranks to become a Deputy Agricultural Commissioner and Sealer in 2016. She spent many years as the lead in Direct Marketing and Pesticide Use Enforcement programs and her expertise in these areas and all things agriculture are greatly missed.



Estella Harris served over 33 year in Alameda County. She was a valuable Weights and Measures Investigator throughout her career. Estella was instrumental in implementing Alameda's "Buy with Confidence" Scanner Ordinance and a strong leader in our Quantity Control efforts ensuring that Alameda County consumers are protected. Her commitment to our Department and the importance of our programs continues beyond retirement in her willingness to train and act as a role model for the next generation of Investigators.

THE ENTIRE COMMUNITY DEVELOPMENT AGENCY AND DEPARTMENT OF  
AGRICULTURE/WEIGHTS AND MEASURES WISH RON, PATRICIA AND ESTELLA  
CONGRATULATIONS AND ALL THE BEST IN THEIR WELL-DESERVED RETIREMENTS.



# ALAMEDA COUNTY COMMUNITY DEVELOPMENT AGENCY

AGRICULTURE / WEIGHTS & MEASURES DEPARTMENT

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November 25, 2019

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

In accordance with the provisions of Section 2279 of the California Food and Agricultural Code, it is my pleasure to present the 2018 Alameda County Crop Report. This publication is presented annually and reports statistical information on acreage, yield, and gross value of all agricultural products produced in Alameda County.

The 2018 estimated total gross value of Alameda County's agricultural production was \$54,850,000, a 14.9% overall increase from the 2017 estimated value of \$47,701,000. This observed increase was due primarily to significant increases in fruit, nut, and field crop products in 2018.

In recent years, eastern Alameda County has seen acreages of field crops convert to nut crops. The 2018 nut crop harvest is substantially higher than previous years showing signs these orchards are starting to produce their 1<sup>st</sup> commercial yields. Winegrape production also remained at peak levels in 2018 with high yields, high prices and more acres planted.

Livestock production increased in 2018 but the overall value was down 10.2% from 2017 due to lower weights and increased supply of cattle nationwide. Local herd sizes had been reduced due to poor forage conditions and our producers have not yet recovered from those reductions. This loss is coupled with reduced prices received on sales in 2018. Nursery products continue to decline with further losses in production acreages, an ongoing trend in recent years.

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. These production costs and other farm related services have a significant overall local economic benefit 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 to all the members of our staff whose hard work and dedication made this report possible.

Respectfully submitted,

Cathy Roache  
Agricultural Commissioner/  
Sealer of Weights and Measures





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Joanne Greer                      Mohamed Elhashash

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Talavera                      Joie Toscano                      Robert Sloan  
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Chelsea Kooreman\*                      Mohamed Khair\*                      William Hoberg  
Darin Hoagland                      Owen Martin                      Vacant  
Dorin Ciocotisan                      Nakita Devargas

**Canine Inspection Team**  
Lisa Sampson and Stewie

**Supervising Secretary II**  
Cora Robles

**Administrative/Clerical Support**  
Clarice Walker                      Kay Rodriques                      Suzette Morgado



# ALAMEDA COUNTY 2018 CROP REPORT

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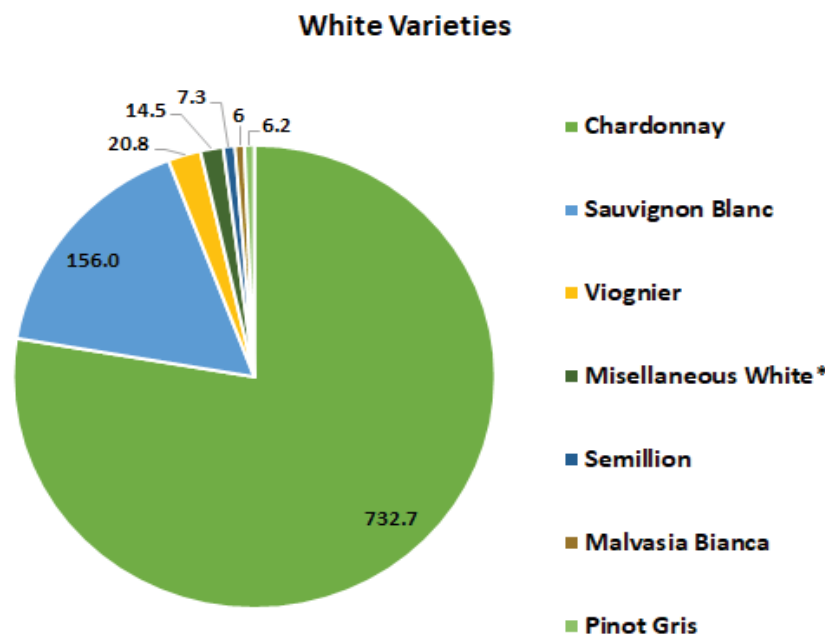
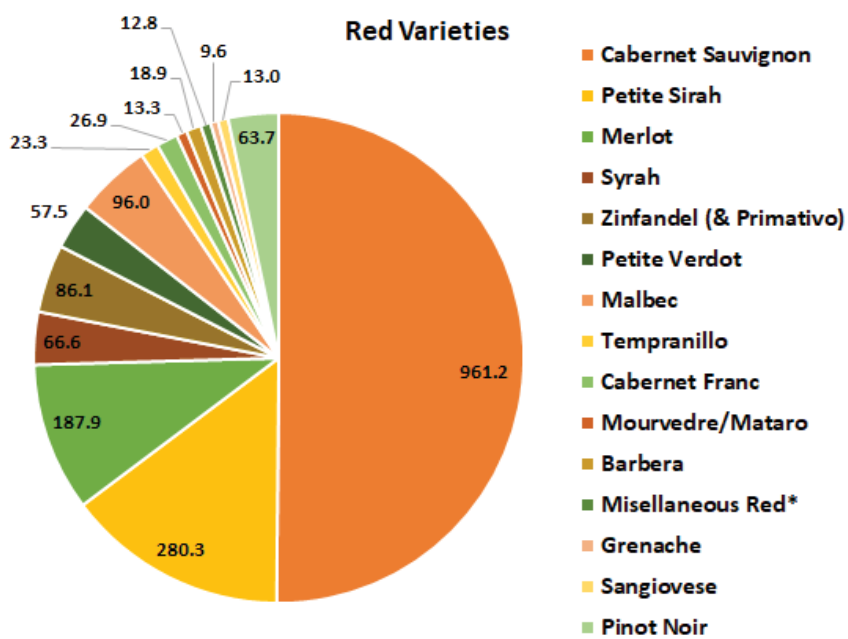
Original photography graciously provided by Ronald Hasemeyer.

# 2018 Alameda County Winegrape Varieties

At the request of our local industry, our department has gathered crop production information on winegrapes varieties. We thank our Alameda County Grape Producers and the Livermore Valley Winegrowers Association for their support in this effort. Ongoing support and participation from all grape growers is greatly appreciated.

Variety	Type	Acres	Est. Tons
Cabernet Sauvignon	Red	961.2	3,821.0
Petite Sirah	Red	280.3	625.0
Merlot	Red	187.9	435.8
Syrah	Red	66.6	365.9
Zinfandel (& Primitivo)	Red	86.1	315.0
Petit Verdot	Red	57.5	564.5
Malbec	Red	96.0	1,217.2
Tempranillo	Red	23.3	123.5
Cabernet Franc	Red	26.9	93.5
Mourvedre/Mataro	Red	13.3	79.0
Barbera	Red	18.9	96
Miscellaneous Red*	Red	12.8	56.0
Grenache	Red	9.6	116.7
Sangiovese	Red	13.0	110.1
Pinot Noir	Red	63.7	65.0
Chardonnay	White	732.7	5,752.1
Sauvignon Blanc	White	156.0	704.5
Viognier	White	20.8	50.9
Miscellaneous White*	White	14.5	70.2
Semillon	White	7.3	87.3
Malvasia Bianca	White	6	32.03
Pinot Gris	White	6.2	20.41

\***Miscellaneous Varieties** (varieties with fewer than 5 reported acres). **Miscellaneous Red Varieties** include: *Counoise, Graciano, Nebbiolo, Souzao, Touriga Nacional*. **Miscellaneous White Varieties** include: *Albarino, Muscat Orange, PinotBlanc, Rousanne, Verdehlo*.



A total of 31 grape varieties were reported. There were 20 red varieties reported, with 14 red varieties reported over five acres planted. Five miscellaneous red varieties were reported with fewer than five planted acres. Eleven white varieties were reported, with six varieties over five planted acres reported, and five miscellaneous varieties with under 5 planted acres each reported.

## FIELD CROPS

CROP	YEAR	HARVESTED ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Hay, Alfalfa	2018	237	1.88	445	Ton	\$244.00	\$109,000
	2017	302	2.71	818	Ton	\$180.00	\$147,000
Hay, Other	2018	2,935	2.7	7,925	Ton	\$137.54	\$1,090,000
	2017	3,116	0.99	3,085	Ton	\$77.11	\$238,000
Range & Pasture	2018	175,000	-----		Acre	\$19.07	\$3,337,000
	2017	175,360	-----		Acre	\$19.07	\$3,344,000
Miscellaneous	2018	346	Includes triticale, wheat, sorghum, etc.				\$200,000
	2017	750					\$301,000
Total	2018	178,518					\$4,736,000
	2017	179,528					\$4,030,000

## FRUIT & NUT CROPS

CROP	YEAR	BEARING ACREAGE	PER ACRE	TOTAL	UNIT	PER UNIT	TOTAL
Grapes, Wine Red	2018	2,449	4.63	11,340	Ton	\$1,591.00	\$18,040,000
	2017	1,742	4.87	8,484	Ton	\$1,502.00	\$12,743,000
Grapes, Wine White	2018	943	7.12	6,717	Ton	\$1,365.00	\$9,165,000
	2017	677	5.63	3,812	Ton	\$1,327.00	\$5,058,000
Miscellaneous Fruit & Nut	2018	919	Includes olives, walnuts, pistachios, pomegranates, almonds, avocado, etc.				\$2,010,000
	2017	260					\$482,000
Total	2018	4,311					\$29,215,000
	2017	2,679					\$18,283,000

## NURSERY PRODUCTS

ITEM	YEAR	INDOOR SQ. FT.	OUTDOOR (ACRES)	QUANTITY SOLD	UNIT	PER UNIT	TOTAL
Ornamental Trees and Shrubs	2018	13,175	69	161,356	Plt	Various	\$3,561,000
	2017	20,875	89	176,452	Plt	Various	\$6,413,000
Miscellaneous Nursery Products	2018	132,450	62	Includes bedding plants, cut flowers, indoor decoratives, vegetable starts, Christmas trees, etc.			\$1,125,000
	2017	131,000	59				\$843,000
Total	2018	145,675	131				\$4,686,000
	2017	151,875	148				\$7,256,000

## VEGETABLE CROPS

CROP	YEAR	HARVESTED ACREAGE		TOTAL
Miscellaneous Vegetables	2018	136	Includes broccoli, cabbage, corn, leaf lettuce, greens, pumpkins, tomatoes, squash, etc.	\$899,000
	2017	129		\$1,084,000

## LIVESTOCK & POULTRY

ITEM	YEAR	NO. OF HEAD	TOTAL WEIGHT	UNIT	PER UNIT	TOTAL
Cattle & Calves	2018	14,456	121,928	Cwt	Various	\$14,675,000
	2017	13,524	125,826	Cwt	Various	\$16,263,000
Misc. Poultry and Livestock Products	2018	Includes sheep, goats, pigs, bee pollination and apiary products.				\$657,000
	2017					\$785,000
Total	2018					\$15,314,000
	2017					\$17,048,000



## PEST MANAGEMENT & ERADICATION

This regulatory noxious weed control work is conducted in partnership with regional land management agencies and other Alameda-Contra Costa WMA partner organizations. Other weeds of concern in this region include; Hoary Cresses, Rush Skeletonweed, White Horsenettle, Golden Thistle, Puna Grass and new invasive noxious weeds.

WEEDS (Common Name/Scientific Name)		CONTROL METHOD	SCOPE OF PROGRAM (No. Sites/Treated Acres)
Japanese Dodder	<i>Cuscuta japonica</i>	Chemical & Mechanical	12 sites – 0.2 acres
Iberian Thistle	<i>Centaurea iberica</i>	Chemical & Mechanical	1 Site - 0.1 Acres
Purple Star Thistle	<i>Centaurea calcitrapa</i>	Chemical & Mechanical	Various, 358.6 net acres
Artichoke Thistle	<i>Cynara cardunculus</i>		
Stinkwort	<i>Dittrichia graveolens</i>		
Barb Goatgrass	<i>Aegilops triuncialis</i>		
Medusahead	<i>Taeniatherum caput-medusae</i>		
Dalmatian Toadflax	<i>Linaria genistifolia</i>	Mechanical Removal	1 Site - 0.01 Acre

## PEST EXCLUSION

Pest exclusion is the first line of defense to prevent non-native invasive pests and diseases detrimental to agriculture and the environment from entering the county. Incoming shipments of plant products and other high-risk articles are inspected 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	4,166	209 (88 pests)
Trucks	178	0
Household Goods	57	0
Nursery (GWSS Program)	2,743	4 (0 pests)
Airfreight	428	4 (15 pests)



Original photography graciously provided by Ronald Hasemeyer.

# 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 REJECTED	ACTIONABLE PEST FINDS
Parcel Carrier	329	89 pests found

## PEST DETECTION

Pest Detection is the second line of defense against invasive non-native pests becoming established in areas so vast that it is impossible to control or eradicate infestation. Insect traps are placed and monitored throughout the county to detect exotic pests that are known to be detrimental to agriculture and the environment.

TARGET PEST	INSECT HOSTS	TRAP SERVICINGS
Mediterranean Fruit Fly	Fruit Trees	88,375
Mexican Fruit Fly	Fruit Trees	
Melon Fruit Fly	Vegetable Gardens	
Oriental Fruit Fly	Fruit Trees	
Miscellaneous Fruit Flies	Fruit Trees and Vegetables	
Gypsy Moth	Shade Trees	
Japanese Beetle	Turf, Roses	
European Pine Shoot Moth	Pine Trees	
Glassy-Winged Sharpshooter (GWSS)	Landscape/Nursery Plants	10,268
Asian Citrus Psyllid	Citrus/Nursery Plants	5,701
European Grapevine Moth	Vineyards	625

In 2018 exotic A-rated insect pests detections included (1) Oriental fruit fly in Oakland, (2) Oriental fruit flies in Fremont, and (3) Peach fruit flies in Dublin. The County Agriculture Department deployed a grand total of 7,470 traps to detect the presence of invasive insect pests, and serviced the traps 104,969 times during the year.



Original photography graciously provided by Ronald Hasemeyer.

## SUDDEN OAK DEATH (SOD)

Compliance Inspections	78
Sudden Oak Death Positives	1
<b>Businesses Under Compliance Agreement</b>	
Shipping Nurseries	11
Green-waste Facilities	15

## LIGHT BROWN APPLE MOTH PROGRAM

Compliance Inspections	158
Moths detected in regulatory inspections	0
<b>Businesses Under Compliance Agreement</b>	
Crop Producers	1
Community Gardens/Direct Markets	0
Retail and Production Nurseries	9
Green Waste Facilities	15



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## ORGANIC FARMING

CROP	REGISTERED PRODUCERS	ESTIMATED ACREAGE
Miscellaneous	13	177.5

## URBAN FARMING

TYPE	NUMBER	ESTIMATED ACREAGE
Community Gardens	32	16
School Gardens	269	67
Certified Farmers Markets	32	920 stalls
Certified Producers	21	120 acres

## COUNTY BIOLOGICAL CONTROL

Biological control (biocontrol) involves 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 Star-thistle <i>Centaurea solstitialis</i>	Bud Weevil <i>Bangasternus orientalis</i>	Found in most areas of the County
	Seed-head Gall Fly <i>Urophora sirunaseva</i>	Found in most areas of the County
	Seed-head Fly <i>Chaetorellia spp.</i>	Found in most areas of the County
	Hairy Weevil <i>Eustenopus villosus</i>	Found in most areas of the County
	Rust Fungus <i>Puccinia jaceae var. solstitialis</i>	Released at 3 sites



Original photography graciously provided by Ronald Hasemeyer.

# EQUINE STATISTICS

Commercial use of horses is considered an agricultural use for purposes of the Williamson Act. This category includes the breeding and training of race horses, competition horses and ranch horses for the purpose of 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; however, this category of horses is recognized for its ancillary benefit.

# COMPARISON SUMMARY

ITEM	2018	2017	2016	2015	2014
Field Crops	\$4,736,000	\$4,030,000	\$4,367,000	\$4,292,000	\$4,919,000
Vegetable Crops	\$899,000	\$1,084,000	\$1,052,000	\$1,269,000	\$1,215,000
Fruit & Nut Crops	\$29,215,000	\$18,284,000	\$18,959,000	\$15,394,000	\$16,418,000
Nursery Products	\$4,686,000	\$7,256,000	\$7,262,000	\$6,853,000	\$7,966,000
Livestock & Poultry	\$15,314,000	\$17,048,000	\$16,383,000	\$22,095,000	\$15,794,000
Total	\$54,850,000	\$47,702,000	\$48,023,000	\$49,903,000	\$46,312,000



Original photography graciously provided by Ronald Hasemeyer.

## General County Information

County Seat.....	Oakland
County Population, 2018 .....	166,753
Land Area (Square Miles).....	738
Water Area (Square Miles).....	83.8
Persons per Square Mile, 2018 .....	2,258

### 14 Incorporated Cities

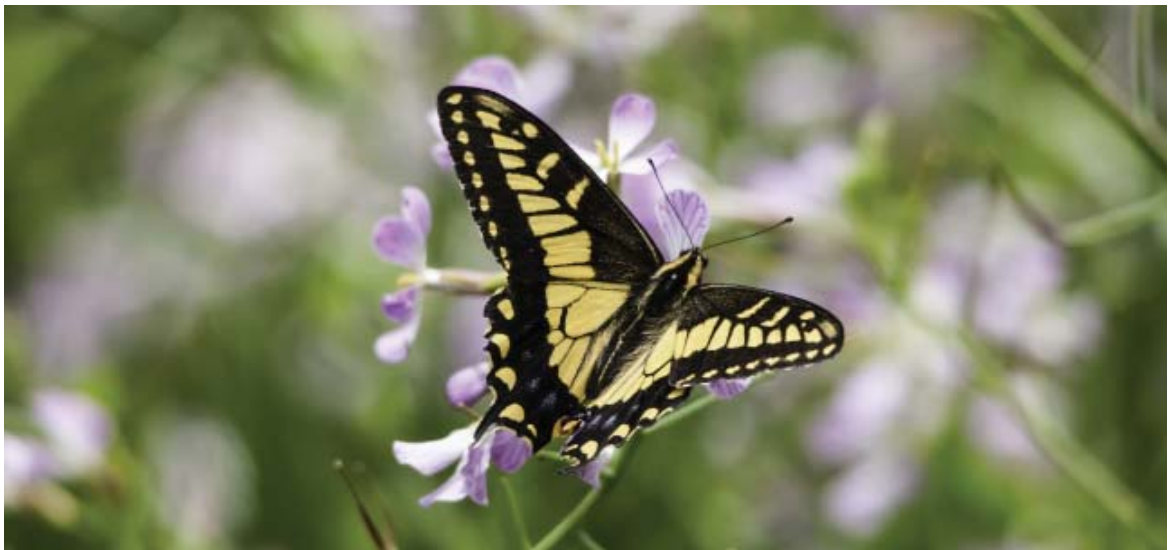
Alameda • Albany • Berkeley • Dublin • Emeryville  
 Fremont • Hayward • Livermore • Newark • Oakland  
 Piedmont • Pleasanton • San Leandro • Union City

### 6 Unincorporated Areas

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

### Facts

Total Assessed Property (Local Roll 2018-19) .....	\$300.1 Billion
Total Harvested Crop Acreage (2018).....	183,099
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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# DEPARTMENT OF AGRICULTURE WEIGHTS & MEASURES



ALAMEDA COUNTY  
Community Development Agency



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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.



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