



2025 CROP REPORT



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SERVICES WITH IMPACT

Pesticide Use Enforcement

Pesticides are an important tool to help manage pests that negatively impact our food supply, cause damage to structures, degrade our native ecosystems, and spread harmful diseases, however they may pose risks if used inappropriately. To mitigate these risks, California maintains one of the nation's strictest pesticide regulatory programs to ensure that pesticides are utilized safely and effectively.

This year's report shines a spotlight on the important programs in our office that ensure that Orange County residents, workers, and the environment are safeguarded from pesticide misuse. These programs represent the wide range of responsibilities managed by the Orange County Pesticide Use Enforcement division, highlighting our vital role in protecting human health and the natural environment while supporting safe and effective pest management.

Commissioner's Letter

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE

Karen Ross, Secretary

ORANGE COUNTY BOARD OF SUPERVISORS

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Katrina Foley, Fifth District, Vice Chair

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It is my pleasure to present the 2025 Orange County Crop Report as prepared pursuant to Sections 2272 and 2279 of the California Food and Agricultural Code. The values represented in this report reflect the gross value of agricultural commodities grown in Orange County, and not the costs associated with production, labor, harvesting, preparation for market, and added value activities.

This report reflects a total agricultural production value of \$81,508,000 for 2025, representing a 10% increase from 2024. Nursery products remain the county's leading agricultural commodity, accounting for more than 48% of total production value, with a modest 5% increase over the previous year.

Despite ongoing challenges common to a highly urban county, including rising labor costs and a continued reduction in available agricultural land, the non-nursery crop commodities collectively grew by 16%. This growth was driven primarily by higher commodity prices and improved yields, demonstrating the industry's ability to adapt and remain productive under constrained conditions.

High-value crops adapted to smaller, intensively managed production areas continued to perform well, with strawberries and avocados showing notable gains as a result of improved production efficiency and sustained market demand.

This report is produced each year with the outstanding partnership and cooperation of the nursery industry, ranchers, farmers, and educational programs that represent the agricultural industry in Orange County. My appreciation goes to all producers, growers, and individuals in the agribusiness sector for their assistance in providing the data to make this report possible. I also extend my sincere thanks to the exceptional staff here at Orange County Agriculture, Weights & Measures who help in the compilation and preparation of this report.

Respectfully submitted,



Jose Arriaga

Jose Arriaga

AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS & MEASURES



History of Pesticide Regulation

California began regulating pesticides in 1901 with its first pesticide law, which focused on preventing fraud by requiring accurate labeling and product verification to ensure growers were not sold ineffective or misbranded products. As agriculture expanded and the risks of pesticide use became better understood, the state adopted stronger requirements for product registration, labeling, and enforcement.

Today, California has one of the most comprehensive pesticide regulatory programs in the nation. Before a pesticide can be sold or used, it must undergo extensive scientific review to evaluate potential risks to people, wildlife, water, and air quality. State and county agencies regulate pesticide use and enforce stringent laws and regulations, helping ensure pesticides are used responsibly while supporting agriculture and protecting public health.

The Impact in Orange County

Orange County Agriculture, Weights & Measures is committed to the oversight of safe and lawful pesticide use to ensure the protection of the health and safety of our nearly 3.2 million residents and to safeguard our environment. The California law delegates local enforcement of pesticide laws and regulations to each County Agricultural Commissioner. Orange County ranks among the top pesticide enforcement programs in California at 4th in inspections, 4th in number of investigations, and 6th in enforcement responses.

From 2020 through 2025, Orange County's Pesticide Use Enforcement program conducted more than 15,000 compliance inspections, completed over 400 injury and illness investigations, reviewed and issued more than 1,100 restricted material permits, provided 98 pesticide safety outreach events, and identified more than 1,200 violations.



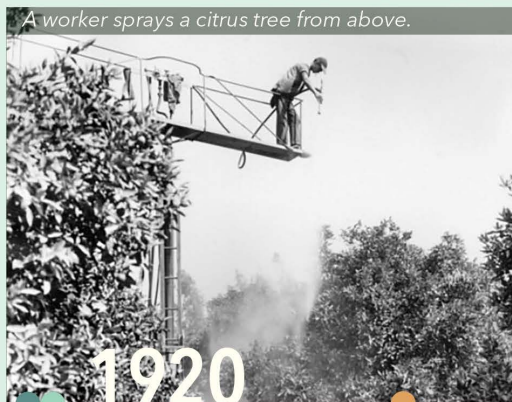
1900

1901

California's first pesticide law aimed to prevent consumer fraud in the sale of Paris Green, the most prevalent insecticide at the time.

1910

The Federal Insecticide Act was passed by Congress to prevent false or misleading labels on insecticides and fungicides.



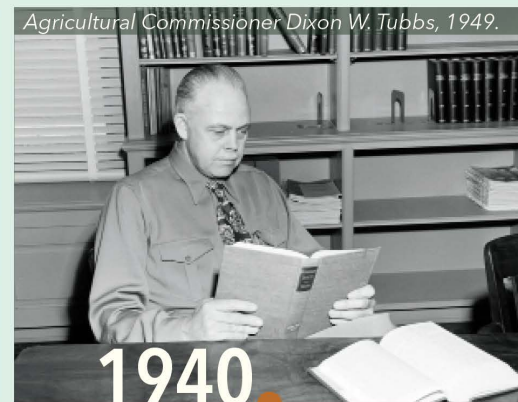
1920

1921

The Economic Poison Act gave California the authority over the sale and use of pesticides and required pesticide manufacturers to register and submit their products for quality testing.

1921

County Agricultural Commissioners were formalized under the oversight of the California Department of Agriculture, giving them local authority over pesticide regulation.



1940

1927

The Chemical Spray Residue Act established pesticide residue limits on produce to safeguard human health.

1947

The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) created the first national registration system for pesticides.

Pesticide Regulation Programs

COMPLIANCE MONITORING

Our licensed inspectors conduct 24 distinct types of regulatory compliance inspections including agricultural and structural pesticide use monitoring, worker safety training records audits, personal protective equipment and pesticide storage assessments, pre-application site evaluations, fumigation monitoring, and pesticide dealer sales records audits. These inspections ensure that pesticides are being applied appropriately by licensed professionals using safe and effective equipment and methods.

INJURY, ILLNESS, & COMPLAINT INVESTIGATIONS

Our staff investigate all complaints of injuries, illnesses, or property loss caused by or suspected to be caused by the use of a pesticide.

RESTRICTED MATERIAL PERMITTING

Our office administers a rigorous permitting system for any operators to purchase, store, or apply any products designated as a California restricted material. These permits are evaluated on an annual basis to ensure that only properly licensed professionals apply these products in a tightly-regulated, site-specific manner.

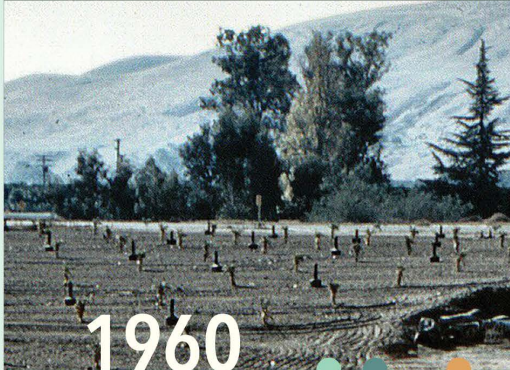
ENFORCEMENT RESPONSE

California law provides the authority to levy administrative civil penalties when an inspection or investigation finds a violation. These enforcement actions follow due process and are intended to promote and support future compliance.

OUTREACH & EDUCATION

We provide proactive regulatory trainings, tools, and updates to assist with industry compliance and public education and awareness.

Smudge pots in a citrus grove.



1970

The California Environmental Quality Act (CEQA) required agencies to analyze and disclose environmental impacts of public projects.

1972

FIFRA was significantly amended to focus on protecting human health and the environment by granting stronger regulatory authority for enforcement.

A field is fumigated before crops are planted.



1983-85

1983 Toxic Air Contaminant Act
1984 Birth Defect Prevention Act
1985 Pesticide Contamination Prevention Act

1978

CEQA was amended to allow the state's pesticide regulatory framework to be considered functionally equivalent to an environmental review.

A pesticide inspection at a playground.



2000

The Healthy Schools Act directed the Department of Pesticide Regulation to implement low-risk Integrated Pest Management practices at public schoolsites.

1990

The Food Safety Act required pesticide use reports to be submitted by pesticide applicators to the County Agricultural Commissioner.

Compliance Monitoring

Pesticide use compliance monitoring is our largest pesticide safety program. Licensed inspectors conduct countywide surveillance and inspect pesticide applications to ensure applicators are properly trained and licensed, pesticides are used according to label requirements, equipment and personal protective equipment (PPE) are in good condition, required notifications are provided, and emergency medical information is available on site.

In 2025, we completed 897 pesticide safety inspections in agricultural, residential, commercial, and industrial sites. These inspections identified 129 violations, with over a third of these violations involving employers failing to provide their employees with required PPE or failing to maintain required safety trainings.

COMPLIANCE MONITORING INSPECTION CATEGORIES

- ▶ **102 PRE-APPLICATION SITE EVALUATIONS** are performed before proposed applications of restricted materials.
- ▶ **103 FIELD WORKER SAFETY** interviews with agricultural field workers to ensure they have received pesticide safety training.
- ▶ **104 PESTICIDE USE MONITORING** at agricultural sites including right of ways, golf courses, cemeteries, parks, and more.
- ▶ **105 COMMODITY FUMIGATION** inspections are performed on food, feed, and grain pest fumigation treatments.
- ▶ **106 FIELD FUMIGATION USE MONITORING** ensures that soil fumigation injections in agricultural fields are performed safely.
- ▶ **107 STRUCTURAL FUMIGATION** inspections are performed at every stage of a building fumigation to safeguard human health.
- ▶ **108 STRUCTURAL USE MONITORING** is conducted on structural pest applications targeting pests such as rodents and insects.
- ▶ **109/110 DEALER/PEST CONTROL BUSINESS** records audits check sales, storage, and handler training record compliance.

STRUCTURAL FUMIGATION ENFORCEMENT PROGRAM

Fumigation Monitoring

Orange County's Pesticide Use Enforcement division participates in the Structural Fumigation Enforcement Program, an industry-funded compliance initiative that supports increased oversight over building fumigations used to control structural pests such as termites, wood-boring beetles, bed bugs, and rats. Orange County has the third highest number of fumigations in California.

Our inspectors conduct inspections during each stage of a fumigation, from initial tarping and fumigant injection to interim tarp integrity checks to final teardown and clearance testing to ensure the building is safe for re-entry. In 2025, our inspectors performed 533 fumigation compliance inspections.



A home is fumigated to manage wood destroying pests like termites.

Pesticide Investigations



An inspector uses a sterile gauze pad to take a swab sample in a grid pattern on a window to monitor for pesticide drift residue.

Our agency investigates all pesticide-related complaints, reports of injuries or illnesses, and pesticide emergencies to determine whether pesticides were misused and works with responsible parties to achieve compliance and prevent future incidents. Reports are forwarded from statewide reporting portals such as the California Governor's Office of Emergency Services (Cal OES) and the California Poison Control System, Workers Health and Safety (WHS) reports, Doctor's First Reports of Occupational Illness and Injury, and direct complaints from concerned members of the public.

Every incident is responded to with a full investigatory report, and priority incidents involving serious health effects, large-scale wildlife and livestock losses, or major environmental contamination are formally documented and reported to the U.S. Environmental Protection Agency. In 2025, the program completed 124 investigations involving potential human exposure, environmental impacts, pesticide drift, property damage, wildlife incidents, and other community concerns.

SAFETY TIPS FOR USING PESTICIDES AT HOME

FOLLOW THE LABEL, IT'S THE LAW!

Follow all instructions on the pesticide label on how, where, and how much to apply.



NEVER STORE PESTICIDES IN FOOD CONTAINERS

Store pesticides in original or labeled containers. Never use food containers or drink bottles.



USE PERSONAL PROTECTIVE EQUIPMENT

Wear all personal protective equipment (PPE) required by the pesticide label.



Restricted Material Permits

Orange County's Pesticide Use Enforcement program administers California's Restricted Materials Permit Program, one of the nation's most rigorous pesticide control systems. Certain pesticides are classified as "restricted materials" because of their potential risks to human health and the environment. Before these products may be purchased or used, licensed pest control businesses and property operators must apply for a restricted materials permit.

In 2025, we issued 169 restricted material permits to entities, including municipalities and pest control businesses. Each permit undergoes rigorous evaluation to determine that proposed applications are conducted in a manner that protects people and the environment. We approve site- and time-specific permits only after evaluating environmental impacts and required safeguards, a process that serves as the functional equivalent of a CEQA Environmental Impact Report. After permit issuance, each proposed application must be reported to our office in advance so we may evaluate local conditions such as target pests, proximity to homes, schools, and sensitive sites before approving any applications.



Pre-plant soil fumigation is closely monitored by our inspectors to ensure the application is performed safely and effectively.



SprayDays is a statewide system that provides advance notice of restricted pesticide applications on California farms.

Scan the QR code to view the SprayDays map or sign up for notifications.



Enforcement Responses

When violations are identified in the field, the County Agricultural Commissioner has the responsibility to document our findings and take appropriate enforcement actions. Enforcement actions include compliance notices and warning letters and administrative civil penalties, all applied under statewide standards established by California laws and regulations. This approach promotes compliance, protects public health and worker safety, and ensures pesticide laws are enforced consistently.

In 2025, we processed 104 enforcement actions and 65 compliance actions in response to violations documented during compliance inspections, records audits, and investigations. Forty percent of violations involved worker safety, including inadequate or damaged PPE and insufficient safety training.



Common violation: Wearing regular glasses instead of required protective eyewear during a pesticide application.



Common violation: Wearing gardening gloves instead of regulation-required chemical-resistant gloves during a pesticide application.

Outreach & Education

Our Pesticide Use Enforcement program is committed to supporting our communities and regulated industries by providing important information regarding regulatory updates, industry best practices, and compliance support. In 2025, we held 33 outreach events, providing meaningful engagement with 1,448 licensees and members of the public and strengthening public safety, environmental stewardship, and regulatory compliance.



Commissioner Arriaga meets with Orange County agribusiness representatives to discuss pesticide regulatory updates that impact their industries.

Total Production Value

In 2025, Orange County remained California's third-most populous county, accounting for just over 8% of the state's residents. Although ongoing urban development continues to reduce the amount of land available for farming, and rising costs and retirements have led some growers to scale back or cease operations, the overall value of agricultural production saw a notable rebound. In 2025, the county's agricultural output reached \$81,500,000, representing an increase of approximately 10% compared with the previous year. This increase is encouraging despite the long-term challenges facing local producers.

3,585
TOTAL ACRES OF
PRODUCTION



AVOCADOS GREATEST UTILIZED ACREAGE

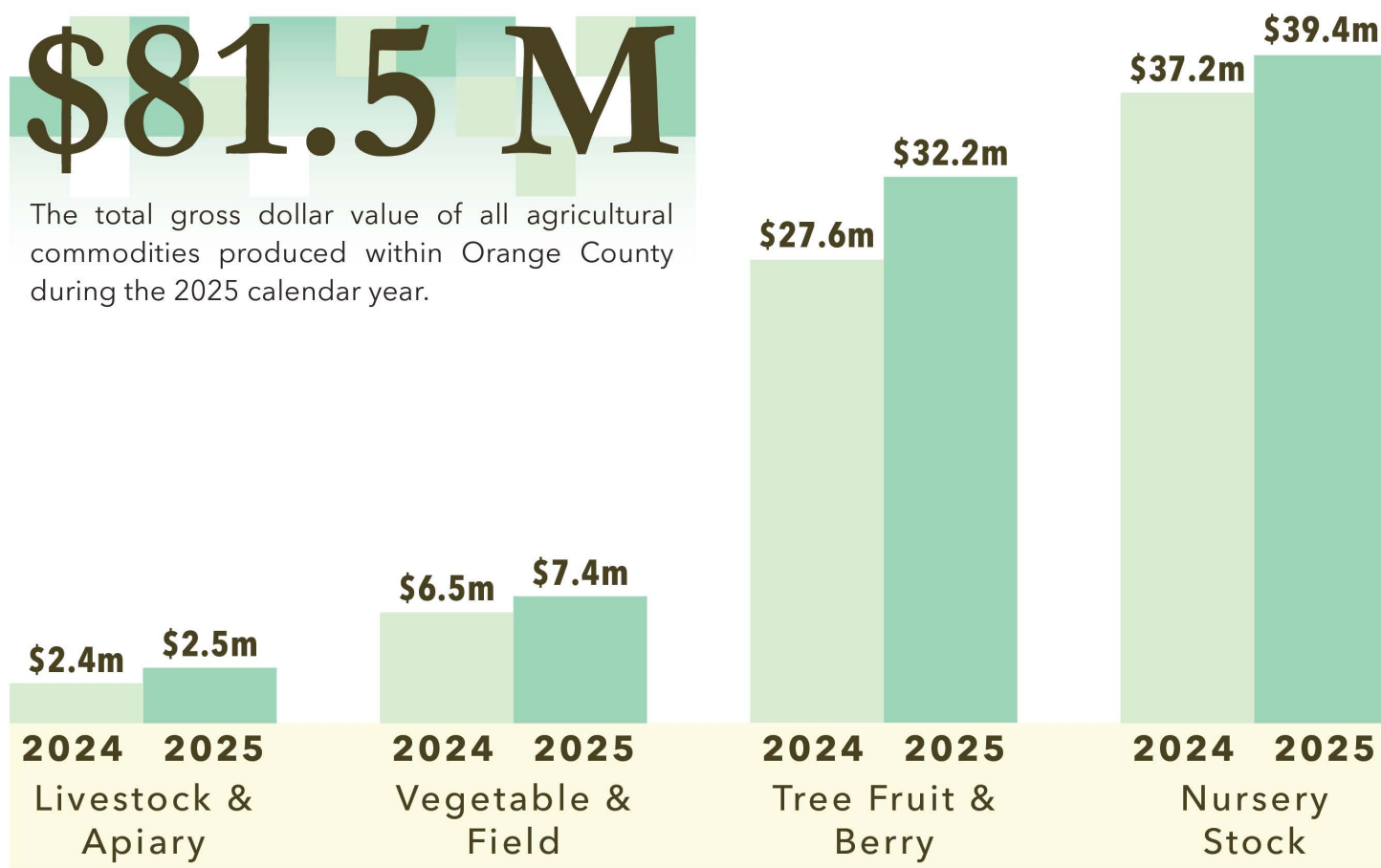


STRAWBERRIES HIGHEST SINGLE VALUE CROP



\$81.5 M

The total gross dollar value of all agricultural commodities produced within Orange County during the 2025 calendar year.



Tree Fruit & Berry

Commodity	Year	Acres	Tons	Value
Citrus, Avocado, & Strawberry ¹	2025	1,188	18,450	\$31,797,000
	2024	1,574	13,110	\$27,210,000
Misc. Tree Fruit & Berry ²	2025	22	77	\$389,000
	2024	22	131	\$400,000
Total Tree Fruit & Berry Values	2025	1,210	18,527	\$32,186,000
	2024	1,570	12,838	\$27,610,000

¹Includes: avocados, oranges, lemons, and strawberries

²Includes: bushberries, grapes, and miscellaneous orchard crops

Vegetable & Field Crops

Commodity	Year	Acres	Tons	Value
Brassica ³	2025	69	174	\$128,000
	2024	12	92	\$149,000
Cucurbits ⁴	2025	136	1,851	\$1,181,000
	2024	104	1,121	\$1,065,000
Root Vegetables ⁵	2025	13	157	\$349,000
	2024	132	1,106	\$2,757,000
Alliums ⁶	2025	13	325	\$119,000
	2024	8	123	\$248,000
Misc. Vegetables ⁷	2025	1,650	5,176	\$5,590,000
	2024	97	14,738	\$2,241,000
Total Vegetables Values	2025	1,880	7,683	\$7,367,000
	2024	610	17,180	\$6,460,000

³Includes: broccoli, cabbage, cauliflower, and kale

⁴Includes: cucumbers, squash, pumpkins, melons, and watermelons

⁵Includes: turnips, radishes, carrots, and beets

⁶Includes: onions, green onions, leeks, and garlic

⁷Includes: field crops and pasture rental

Nursery Stock

Commodity	Year	Acres	Value
Ornamental Trees & Shrubs	2025	382	\$34,150,000
	2024	366	\$27,075,000
Cacti & Succulents	2025	18	\$945,000
	2024	24	\$3,644,000
Liners, Potted Plants, & Trees ¹	2025	22	\$587,000
	2024	40	\$1,860,000
Palms	2025	10	\$3,750,000
	2024	6	\$4,587,000
Total Nursery Value	2025	432	\$39,432,000
	2024	436	\$37,166,000

¹Includes: cut flowers and Christmas trees



A local beekeeper examines a frame from their honey bee hive in a citrus grove.

Livestock & Apiary

Commodity	Year	Value
Total Livestock & Apiary Value ^{2,3}	2025	\$2,549,000
	2024	\$2,352,000

²Includes: cattle, swine, goats, sheep, rabbits, chickens, turkeys, eggs, and dairy

³Includes: honey, beeswax, pollen, sale of bees and queens, and pollination rental

Export Certification

Foreign and domestic markets remain important destinations for Orange County’s agricultural products, and strict import requirements need to be met to prevent the spread of harmful pests and plant diseases. Regulated commodities such as plants, seeds, fruits, vegetables, lumber, and grain must be accompanied by a Phytosanitary Certificate to meet destination requirements. Our USDA-accredited inspectors review import requirements, verify documentation, and conduct detailed inspections to ensure our exports are pest-free, protecting California’s agricultural markets and our local economy.

In 2025, we issued 320 federal and 137 state phytosanitary certificates for shipments to international and domestic markets. Notably, 34 percent of international exports were destined for Mexico, highlighting its importance as a key trading partner for Orange County businesses.

TOTAL EXPORTS BY COUNTRY						
Australia 1	Canada 6	China 10	Dominican Republic 1	French Polynesia 78	Honduras 12	India 9
Italy 1	Jamaica 1	Japan 38	Malaysia 1	Mexico 111	Netherlands 2	Nicaragua 2
Senegal 1	South Africa 2	Taiwan 20	Thailand 10	South Korea 4	United Kingdom 2	Vietnam 8

TOP COMMODITY BY CONTINENT



Direct Marketing



Orange County inspectors certify a diverse range of producers, from backyard growers to large scale farms, through annual production site inspections, where they document crop varieties, production volumes, anticipated yields, and projected harvest timelines. In 2025, the program included 32 certified producers in Orange County, consisting of a variety of fruit and vegetable growers, honey producers, nursery cut flower producers, mushroom producers, and microgreen producers.

To maintain marketplace integrity, inspectors conduct unannounced regulatory inspections at Certified Farmers' Markets (CFMs) to verify that products offered for sale align with each grower's certified production. In 2025, 44 CFMs were registered, with each market inspected four times per year. Inspectors issued 72 notices of noncompliance, helping mitigate consumer fraud and ensure consumers receive genuine California produce.

ORGANIC VERIFICATION & SAMPLE TESTING State Organic Program

Orange County conducts inspections under the State Organic Program (SOP), where our inspectors review organic certification and state registration documents, investigate organic complaints, and conduct random residue sampling of produce being advertised as organic.

Our inspection oversight gives Orange County consumers confidence that the organic agricultural products are authentic and grown according to State organic standards. We work with our SOP partners to register, inspect, and enforce regulations on our local organic operations at production, processing, and retail locations.

In 2025, 11 producers and 54 handlers, packers, and processors were registered in Orange County.



An inspector evaluates organic produce for proper storage and labeling.

Certified Farmers' Markets

TUE	Huntington Beach Surf City Nights Main & Olive, Huntington Beach	5pm - 9pm	Irvine Regional Park 1 Irvine Park Rd, Orange	9am - 1pm
	Placentia 130 E Yorba Linda Blvd, Placentia	3pm - 7pm	Seal Beach Village Wesminster & Seal Beach, Seal Beach	9am - 1pm
WED	Dana Point 34473 Golden Lantern, Dana Point	9am - 1pm	Fullerton 801 W Valencia, Fullerton	8:30am - 12:30pm
	Kaiser Irvine 6670 Alton Pkwy, Irvine	9am - 1:30pm	Lake Forest Sports Park 2800 Rancho Pkwy, Lake Forest	4pm - 8pm
	Tustin 474 El Camino Real, Tustin	9am - 1pm		
THUR	Brea 135 S State College Blvd, Brea	3pm - 7pm	Costa Mesa 88 Fair Drive, Costa Mesa	9am - 1pm
	Downtown Anaheim 435 W Center St Promenade, Anaheim	11am - 3pm	Fullerton Night Market 125 E Wilshire Ave, Fullerton	4:30pm - 8:30pm
	Tustin Sunset 474 El Camino Real, Tustin	5pm - 8:30pm		
FRI	Anaheim Kaiser Permanente 3440 E La Palma Ave, Anaheim	9:30am - 1:30pm	Bodhi Buddharealm Society 3412 Westminster Ave, Santa Ana	5pm - 11pm
	Farmakis Farms 29932 Camino Capistrano, SJC	9am - 1pm	Kaisa La Palma 5 Centerpoint Drive, La Palma	9am - 1pm
	Laguna Hills 24200 Laguna Hills Mall, Laguna Hills	9am - 1pm	Local Harvest Farmers' Market 900 Ocean Ave, Seal Beach	9am - 2pm
	Mile Square Park 16801 Euclid St, Fountain Valley	9am - 1pm		
SAT	Aliso Viejo 26701 Aliso Creek Rd, Aliso Viejo	10am - 2pm	Buena Park 8092 La Palma Ave, Buena Park	9am - 2pm
	Corona Del Mar 3201 E Pacific Coast Hwy, Corona Del Mar	9am - 1pm	Costa Mesa SoCo 3315 Hyland Ave, Costa Mesa	9am - 2pm
	Downtown Tustin 474 El Camino Real, Tustin	8am - 12pm	The New Dana Point 3400 La Plaza, Dana Point	9am - 1pm
	Farmers Market on the Ranch 2 Tierno St, Rancho Mission Viejo	9am - 1pm	Fullerton Free 2801 Brea Blvd, Brea	9am - 2pm
	Irvine Mariner's Church 5001 Newport Coast Dr, Irvine	8am - 12pm	Laguna Beach 531 Forest Ave, Laguna Beach	8am - 12pm
	Mission Viejo 25282 Marguerite Pkwy, Mission Viejo	10am - 2pm	Newport Harbor 798 Dover Dr, Newport Beach	9am - 1pm
	Orange Homegrown Farmers' & Artisan 303 W Palm Ave, Orange	9am - 1pm	Yorba Linda 5091 Mountain View Ave, Yorba Linda	9am - 1pm
SUN	Ladera Ranch 28275 Avendale Blvd, Lader Ranch	9am - 1pm	Laguna Niguel 27241 La Paz Rd, Laguna Niguel	8am - 12pm
	Local Harvest Garden Grove 12976 Main St, Garden Grove	9am - 2pm	Newport Beach 1 Newport Pier, Newport Beach	9am - 1pm
	San Clemente Village 200 Avenida del Mar, San Clemente	9am - 1pm	Stonegate Elementary 100 Honors, Irvine	10am - 2pm
	Tustin District 224 Park Ave, Tustin	9am - 1pm		

Scan here for current market schedule



Pest Exclusion & Interceptions

Orange County inspectors partner with the California Department of Food and Agriculture (CDFA) and federal regulatory agencies to monitor potential pathways for the entry of agricultural commodities that can carry harmful pests. Inspections are conducted at major parcel carrier facilities and destination nurseries to detect and intercept injurious pests and plant diseases before they can become established and pose a threat to our urban landscapes, agricultural production sites, and natural environment.

In 2025, we inspected 13,433 shipments from high pest-risk areas, of which 412 failed to meet California's entry requirements and were issued Notices of Rejection. We intercepted 69 A-rated pests and 171 Q-rated pests, with exceptionally harmful interceptions noted below.

Scan here for the
California Department of
Food and Agriculture's
Pest Rating Definitions



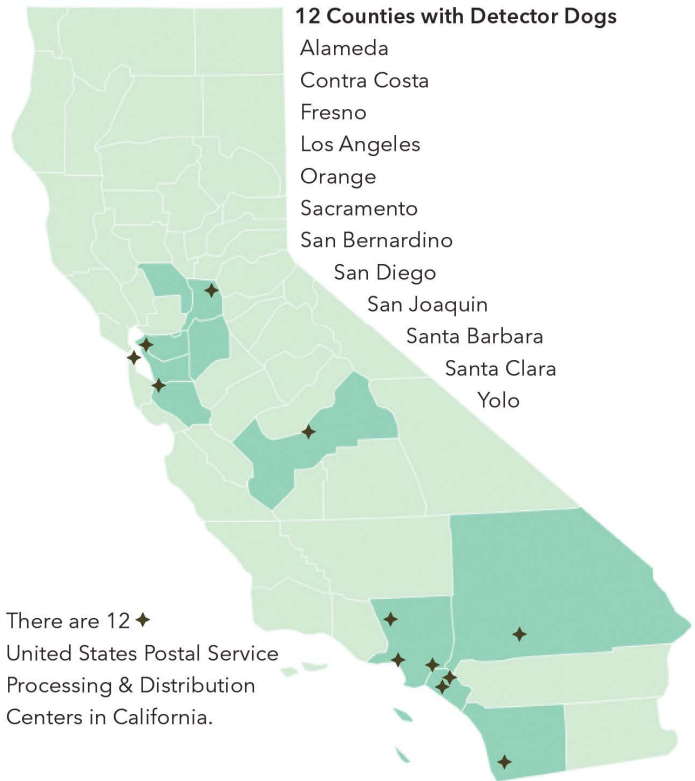
COMMON NAME	SCIENTIFIC NAME	RATING
Pacific mealybug	<i>Planococcus minor</i>	A
Mealybug	<i>Pseudococcus landoi</i>	A
Pink hibiscus mealybug	<i>Maconellicoccus hirsutus</i>	A
Stellate scale	<i>Ceroplastes stellifer</i>	A
Mealybugs	<i>Pseudococcus jackbeardsleyi</i>	A
Ant	<i>Ochetellus glaber</i>	A
Spiraling whitefly	<i>Aleurodicus dispersus</i>	A
Boxwood scale	<i>Pinnaspis buxi</i>	A
Vanda orchid scale	<i>Parlatoria pseudaspidiotus</i>	A
False parlatoria scale	<i>Pseudoparlatoria parlatorioides</i>	A
Striped mealybug	<i>Ferrisia virgata</i>	A
Caribbean fruit fly	<i>Anastrepha suspensa</i>	A
Mealybug	<i>Dysmicoccus grassii</i>	A
White peach scale	<i>Pseudaulacaspis pentagona</i>	A
Armored scale	<i>Aulacaspis tubercularis</i>	A
Fig wax scale	<i>Ceroplastes rusci</i>	A
Rufous scale	<i>Selenaspidus articulatus</i>	A
Grainy planthopper	<i>Kallitaxila granulata</i>	A
Oriental scale	<i>Aonidiella orientalis</i>	A
Red imported fire ant	<i>Solenopsis invicta</i>	A
Black thread scale	<i>Ischnaspis longirostris</i>	A
Ant	<i>Wasmannia auropunctata</i>	A
Coconut scale	<i>Aspidiotus destructor</i>	A
Trilobe scale	<i>Pseudaonidia trilobitiformis</i>	A



Detector Dog Teams

In 2025, Orange County expanded its Detector Dog Program with the addition of our second dog team. Handler Eugenio Vasquez and his Labrador, Georgia, joined handler Vanessa Ochoa and her detector dog, Bear. Each detection dog can inspect up to 9,000 parcels per day, vastly expanding the County's ability to intercept harmful pests before they threaten agriculture or the environment. Our dog team program is supported by federal funding, in partnership with CDFA and the California Agricultural Commissioners and Sealers Association.

Unmarked parcels are a major pathway for injurious pests to enter California, with parcels moving through the United States Postal Service facilities posing the highest risk. Since launching in June 2024, Orange County's detector dog teams have intercepted 44 harmful pests and, in 2025, issued 221 Notices of Rejection.



Chocolate American Labrador Bear (left) sits with his new coworker and best friend, golden English Labrador Georgia (right).

Huanglongbing Quarantine

In 2025, the Huanglongbing (HLB) quarantine was expanded to include all of Orange County. HLB is a bacterial disease vectored by the Asian citrus psyllid insect that kills infected citrus trees. HLB has been detected in a total of 6,735 trees at 3,933 residential properties, predominantly affecting Anaheim, Garden Grove, Westminster, Santa Ana, and Orange. The infected trees were immediately removed by CDFA staff to prevent further spread of this disease. Residents rely on these trees for fresh fruit, shade, and enjoyment, making their loss a significant impact on both households and neighborhood communities.

In 2025, Orange County inspectors surveyed 25 citrus groves and monitored harvests to ensure that regulated plant material such as stems and leaves do not leave the quarantine zone and that all bulk citrus fruit shipments were safeguarded from pest risk before leaving the quarantine zone.



Pierce's Disease Control Program



A GWSS adult feeding on the woody stem of a bottlebrush tree.

The Glassy-winged sharpshooter (GWSS) is a non-native leafhopper insect that spreads *Xylella fastidiosa*, a bacterium that causes Pierce's Disease in grapevines. This disease has no known cure and can be fatal to infected plants. The most effective way to contain its spread is by restricting the movement of GWSS on infested nursery stock. Orange County inspectors maintain GWSS monitoring traps throughout the county, perform routine host plant surveillance, and inspect regulated nursery stock prior to shipment to non-infested areas of California.

In 2025, inspectors serviced 86 monitoring traps a total of 2,214 times and certified 83 outbound shipments of GWSS host material, helping safeguard agricultural production and maintain market access for our local plant nurseries.

Fire Hazard Reduction

The Orange County Fire Hazard Reduction Weed Abatement Program, authorized under the California Health and Safety Code, helps protect public safety by reducing wildfire risks associated with overgrown weeds, dry vegetation, and other combustible materials in unincorporated areas of the county. Through routine field inspections, hazardous conditions are identified and properties with excessive vegetation, rubbish, refuse, or recurring violations are placed on the program's Fire Hazard Reduction Weed Abatement List. Property owners are issued formal abatement notices with resources on how to mitigate fire risk. When compliance is not achieved, the County performs the necessary abatement work to reduce wildfire threats and protect surrounding communities.

In 2025, the program issued 5,337 annual Fire Hazard Reduction Weed Abatement Notices to property owners throughout Orange County. County-directed abatement activities resulted in the clearing of 101 parcels, using cutting and disking methods to remove about 1,595,200 square feet, nearly 36.6 acres, of hazardous vegetation and debris to reduce fire danger and create a defensible space around structures.

PEST ALERT: *RHYNCHOPHORUS PALMARUM*

South American Palm Weevil

In August 2025, a single South American Palm Weevil (SAPW) male was detected in a trap in Irvine, marking the first documented instance of this pest in Orange County. Since then, multiple individuals have been detected in the southern half of Orange County. This large weevil is a serious pest of palms in its native range of South America. SAPW has killed over 20,000 Canary Island date palms, its preferred host, in San Diego County over the past decade.

SAPW lays its eggs in the growing tissue of palm crowns, where they hatch into grubs that bore deep into the crown while they feed, damaging and killing palms in a matter of weeks. Mature weevils emerge from infested palms and can fly up to 15 miles in a day in search of a new host. Dead palms pose a safety risk due to falling debris and should be removed and chipped to prevent the spread of this pest. Report sightings of the South American palm weevil and suspect infested palms to our office immediately.



An adult South American palm weevil can grow to be nearly 2 inches long.

Weights & Measures

The Orange County Weights and Measures Programs are responsible for ensuring fairness and accuracy in the marketplace. Through inspections, complaint investigations, and enforcement of California's weights and measures laws, we protect Orange County's more than 3.2 million residents while promoting a level playing field for the tens of thousands of businesses that operate in the county.

CORE ENFORCEMENT PROGRAMS



A sample of fuel is taken for quality testing.

DEVICE ENFORCEMENT

Inspectors test a wide range of commercial measuring devices, from supermarket and pharmacy scales to taxi and ambulance odometers, electricity for electric vehicles, hydrogen, and compressed natural gas purchased at commercial fueling facilities. In 2025, the program registered 215,647 commercial devices at 4,183 businesses and tested 42,352 devices throughout Orange County.

QUANTITY CONTROL (PACKAGE INSPECTION)

Inspectors verify that packaged products contain the quantity stated on the label and comply with California's labeling requirements. These inspections help ensure consumers receive the amount of product they pay for while maintaining fair competition among businesses. In 2025, inspectors tested 5,007 packaged products at 196 retail locations.

FUELS, LUBRICANTS, AND AUTOMOTIVE PRODUCTS

Inspectors collect and test samples of gasoline, diesel fuel, hydrogen, motor oil, and other automotive products to ensure they meet California and federal standards for quality, labeling, and performance. These inspections protect consumers, promote engine performance, and support cleaner air. In 2025, inspectors investigated 68 public complaints and completed fuel quality inspections at 378 fueling stations.

WEIGHMASTER ENFORCEMENT

Inspectors examine licensed weighmaster operations, audit official weight certificates, and verify compliance with California's weighmaster and junk dealer/recycler laws. Accurate weight certificates are essential to ensuring fairness in commercial transactions involving commodities sold by weight. In 2025, inspectors conducted inspections at 42 weighmaster locations.

PRICE VERIFICATION

Routine inspections verify that the price charged at checkout matches the lowest advertised, posted, or displayed price. These inspections help protect consumers from overcharges while promoting pricing accuracy across the retail marketplace. In 2025, inspectors conducted price verification inspections at 1,111 retail locations throughout Orange County. Overcharges were identified on 463 (41.6%) of transactions.



This seal is placed on devices that are found to be accurate and in compliance. If you see this seal, you can be confident that the device is correct.

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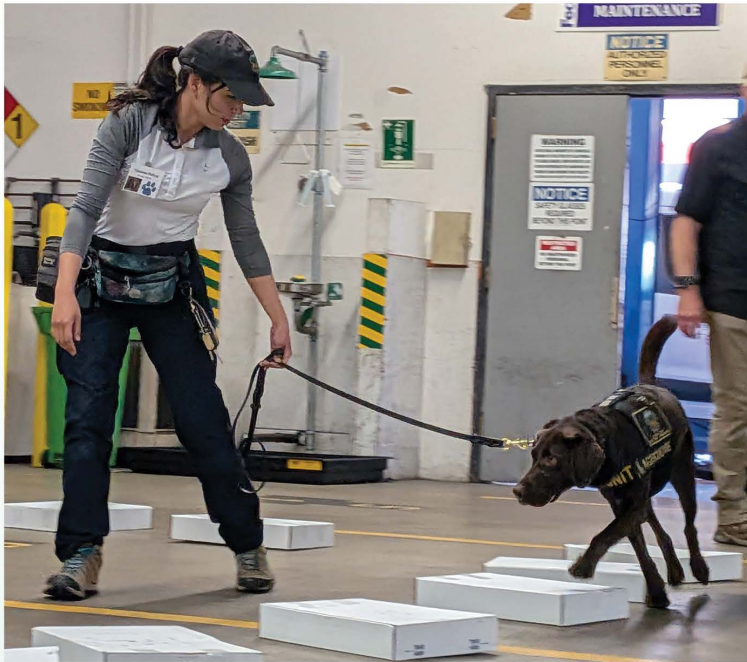
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AWM Team At Work





2025 CROP REPORT



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