



# Integrated Pest Control Solutions

County of San Diego, Department of Agriculture Weights & Measures  
Integrated Pest Control Program  
Providing Safe and Effective Pest management using the least toxic methods  
[ipc.awm@sdcounty.ca.gov](mailto:ipc.awm@sdcounty.ca.gov)



## **Integrated Pest Management Quarter 1 Topic: Mosquitos**

### **Have you been itching and finding small bumps on your ankles recently?**

San Diego County residents now have even more reasons to find and dump out standing water in and around their homes. Three invasive (non-native) mosquito species - *Aedes aegypti* (yellow fever mosquito), *Aedes albopictus* (Asian tiger mosquito), and *Aedes notoscriptus* (Australian backyard mosquito) - have been found in San Diego County since 2014. *Aedes aegypti* has now spread [throughout the county](#).

Unlike many native mosquito species, these invasive *Aedes* species bite aggressively during the day. They prefer to live and breed near people, in yards, and even inside homes. Invasive *Aedes* mosquitoes can lay their eggs and grow in as little as ¼" of standing water.

***Why are we concerned about the Aedes mosquitos in California?*** Invasive *Aedes* mosquitoes are aggressive nuisance biters and can make it difficult to enjoy the outdoors. In addition, *Aedes aegypti* and *Aedes albopictus* mosquitoes can spread the viruses that cause dengue, Zika, yellow fever, and chikungunya (though none of these viruses have been detected to date in mosquitoes in San Diego County).

***How can I help control these mosquitos?*** Invasive *Aedes* mosquitoes are "container breeders" meaning that they prefer to lay their eggs in small containers of water. Every week, check your yard for standing water and do not over water your lawn. Also clean and change the water in bird baths and pet watering bowls to remove mosquito eggs and dump the water from overflow dishes under potted plants and flowerpots weekly. Mosquito-proof rain barrels and drains using a fine mesh screen over all openings.

To prevent bites, wear an EPA-registered mosquito repellent containing DEET, Picaridin, IR3535, or Oil of Lemon Eucalyptus. If you have removed all standing water and are still having issues, or need to report standing water, such as an unmaintained green swimming pool, that is breeding mosquitoes, contact the Vector Control Program: 858-694-2888 or [vector@sdcounty.ca.gov](mailto:vector@sdcounty.ca.gov).

For more information regarding these new invasive mosquitos visit the **County of San Diego Vector Control Program** "Fight the Bite" website at: [Fight the Bite! \(sandiegocounty.gov\)](http://fightthebite.sandiegocounty.gov)



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*Aedes aegypti*



*Aedes albopictus*



*Aedes notoscriptus*

- ❖ They are aggressive day-biters found both indoors and outdoors
- ❖ They especially like to feed on people and tend to bite around the ankles
- ❖ They lay eggs in small sources of water, as small as a bottle cap
- ❖ Eggs can survive on the surfaces of containers for a long time and hatch when the container fills with water

The County of San Diego, Department of Agriculture, Weights & Measures, Integrated Pest Control (IPC) Program performs several functions within the County of San Diego. IPC contributes to a safe and healthy work environment by providing safe and effective structural pest control at County facilities. IPC also performs weed control work along County roads and rights-of-ways, County airports, County sanitization and flood control conveyances, and County Parks. This work preserves road visibility and clearance; reduces fire danger along roadways and intersections; enhances drainage to prevent flooding; and helps protect the region's biodiversity. We adhere to the Board of Supervisors' Policy F-45, requiring the use of Integrated Pest Management techniques with an environmentally sound approach to reduce the use of chemical pest control methods.

Type-of-Pesticide	Quarter 1		Quarter 2		Quarter 3		Quarter 4	
	Quantity	Treatment Description	Quantity	Treatment Description	Quantity	Treatment Description	Quantity	Treatment Description
Herbicides								
Dry	22 lbs.	334 Acres						
Liquid	393 gallons							
Insecticides								
Dry	39 lbs.	375 application						
Liquid	3 gallons							
Rodenticide								
Dry	444 lbs.	350 stations						
Non-Chemical								
Traps	1,562	72 facilities						