

**Lee County  
Mosquito Control District  
Mission & Objectives**

The Lee County Mosquito Control District was established in 1958 by an act of the Florida Legislature as an independent district and has been providing uninterrupted mosquito control services to the citizens of Lee County for over fifty years. During those years the District has remained at the forefront of mosquito control, helping to develop control technologies that are effective and considerate of the natural Florida environment.

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Lee County citizens experiencing problems with mosquitoes should contact the Lee County Mosquito Control District at (239) 694-2174 or go to [www.lcmcd.org](http://www.lcmcd.org) and click on make a service request.

Lee County Mosquito Control District is committed to improving the quality of life, facilitating outdoor activities and protecting the public health in our community by implementing environmentally sound practices that control mosquitoes throughout Lee County.

The objective of Lee County Mosquito Control District is to serve the residents and visitors of Lee County by controlling the mosquito populations through an integrated pest management approach consistent with applicable laws and justified by tenets of public health, vector control, environmental safety and fiscal responsibility.

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**Controlling  
Mosquito Larvae**

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## Controlling mosquitoes in their larval stage



Larviciding refers to the control of mosquitoes in the larval or aquatic stage. The Lee County Mosquito Control District efforts are focused toward controlling mosquitoes in this stage, because the insects are confined to the aquatic environment and can be efficiently targeted with minimal effect on other organisms. Mosquitoes remain in the larval stage for as little as 4 days, which requires an intense effort to locate and treat them before they become adults. Larval inspections are conducted by trained personnel capable of identifying mosquitoes to genera and larval stage. Aircraft are used to expedite locating and treating larval mosquitoes in remote areas and large acreages while ground inspections and treatments are performed in residential and small areas using vehicle-mounted spraying equipment. All larvicide applications are based on a demonstrated presence of mosquito larvae.



Standard dipper used to check for mosquito larvae

### Aerial Larviciding

The Aerial Larviciding Program focuses on inspecting the coastal areas of Lee County that flood from either rainfall or tide and are not accessible by ground vehicles. Aerial Inspectors use helicopters to search these areas for the presence of mosquito larvae and treat them appropriately. Each of the District's five aerial inspectors are assigned specific geographical areas which allows them to become familiar with the mosquito breeding sites and the environment's response to rainfall and tide. Each inspector has an assistant which loads the helicopter with larvicide and fuel. They will also assist by inspecting areas accessible by vehicle.



### Ground Larviciding

The Ground Larviciding Program focuses on inspecting the roadside ditches, fields and retention ponds for the presence of mosquito larvae using a standard pint-sized dipper. When mosquito larvae are found, appropriate control measures are taken to insure that the larvae or pupae do not become adults. Each inspector has an assigned geographic area of the county for which they are responsible to check on a regular basis.

