

INSPECTION REPORT

Findings:

You are certified "mosquito free." Thanks for helping us out. The mosquitoes that bother you come from areas surrounding your property. We will follow-up.

Larval mosquitoes were found in:

Adult mosquitoes that probably came from:

To correct the problems we:

Dumped water from containers with larvae and recommend you survey your yard weekly and eliminate unnecessary water-holding containers.

Treated the following breeding sites in your yard with the larvicide called

Sites found breeding:

Will send out the spray trucks

Will return for further evaluation

Please call us at 352-343-9419 if you have any questions about this inspection report.

MOSQUITO PREVENTION AT HOME

- Remove or empty all containers that hold water. Change the water every three days in containers like bird baths and kiddie wading pools.
- Cover rain barrels and water tanks with a board or screen.
- Check rain gutters frequently. Remove any leaves or other debris that may block drainage. Make sure rain gutters slope properly so the water will drain.
- Stock ornamental ponds with mosquito fish and eliminate aquatic weeds.
- Fill holes in trees with sand or mortar, or make a drain hole.
- Remove any water from plastic tarps covering boats or woodpiles.
- Take old tires to the landfill, or store them indoors or under a cover.

Lake County MOSQUITO MANAGEMENT



We are responding to a mosquito problem in your neighborhood. The results of our inspection are detailed inside this brochure.

We've also included information about how mosquitoes grow, the diseases they can spread and what you can do to help reduce mosquito problems in your neighborhood.

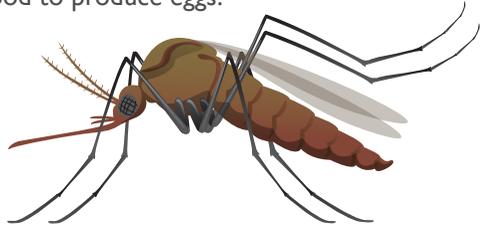


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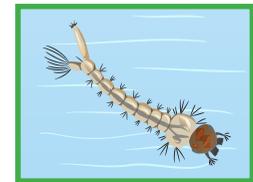
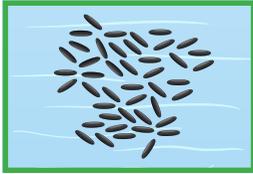


MOSQUITO BIOLOGY

There are approximately 80 species of mosquitoes in Florida and each one has a different biology. Adult females vary widely in size. For example, the Asian tiger mosquito, which is very common in Lake County, is among the smallest. Adult females can live from 2 to 14 days while the males live only long enough to mate with the females, usually 3 to 4 days. Only female mosquitoes bite. They need the protein in blood to produce eggs.



A female can produce as many as 250 eggs from one bloodmeal. After the eggs are laid, they may hatch within a couple of days or it may be months before they hatch.



The larva, or wiggler, emerges from the egg and grows from 1/16" to 1/4" in length within 4-10 days, depending on the temperature of the water in which they grow.

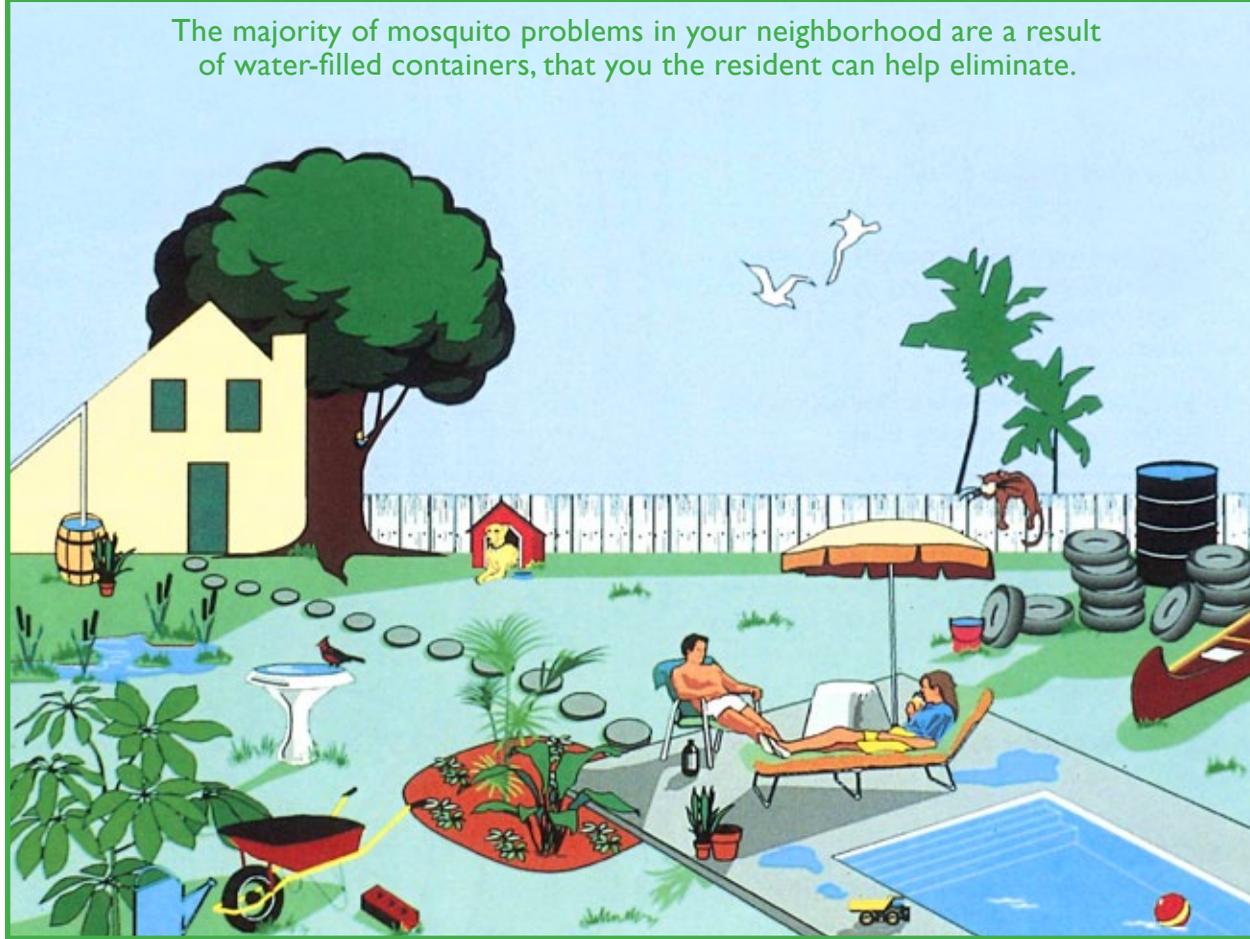
The next stage is the pupa, or tumbler. This stage lasts only about 2 days. During this time the mosquito transforms from the aquatic larva into a flying adult. The pupa does not feed.



Female mosquitoes can transmit diseases when they bite, like encephalitis and dog heartworm. They DO NOT carry the AIDS virus, hepatitis or leukemia. In the past mosquitoes were responsible for epidemics of malaria, yellow fever, dengue fever, ZIKA and other viruses in Florida. These diseases are being controlled throughout the state, in part, thanks to, organized mosquito control programs.

Can you find the 19 locations where mosquitoes might breed in this picture?

The majority of mosquito problems in your neighborhood are a result of water-filled containers, that you the resident can help eliminate.



Answers: rain gutter, rain barrel, tree hole, dog hole, brick, potted plants, drink bottle, dump truck, water on pool deck, pool, canoe, tires, bucket, drum

SOLUTIONS

- Remove or empty small water containers
- Cover or empty large water containers
- Change your pet's water regularly
- Flush bird baths
- Flush potted plant saucers
- Cover barrels
- Cover or remove tires
- Clean out gutters
- Turn canoes over; cover boats
- Chlorinate pools
- Plug tree holes
- Store lawn equipment indoors
- Remove trash
- Put fish in ponds
- Remove aquatic weeds
- Repair leaky faucets
- Flush water from bromeliads

ATTENTION!

Parents

Children are often very allergic to mosquito bites. An infected mosquito bite can lead to impetigo, a painful bacterial skin infection, or other medical problems. If you use an insect repellent to protect your children from mosquito bites, be sure to contact your pediatrician regarding the appropriate type of repellent, frequency of application and chemical concentration. To prevent mosquitoes from entering your home, make sure that window and door screens are in good condition.

Dog Owners

Mosquitoes can carry dog heartworm disease which may be fatal to your pet. This disease is extremely common in Lake County and is completely preventable with medication. Your veterinarian can recommend the right preventive program for your dog. You should protect your pet with heartworm medication even if you keep it indoors.

Horse Owners

Mosquitoes can also carry West Nile virus and the eastern equine encephalitis (EEE), a highly fatal disease of horses of all breeds. Each year several horses in Lake County die of EEE. There are highly effective vaccines for EEE. While they are available at tack shops and feed stores, state law requires that a licensed veterinarian administer the vaccine. A poorly stored or wrongly administered vaccine will not protect your animal.

Plant Lovers

Common breeding sites for mosquitoes are flowers with axils (such as bromeliads) and flower pot dishes that do not drain. Water must be flushed from these saucers every few days to prevent mosquito breeding. People who collect rain water for flowers should also put a screen over the container to prevent mosquitoes from depositing eggs in the water.