

LOCALIZED AERIAL SPRAY NOTICE

AERIAL SPRAYING IS WEATHER-DEPENDENT.

SPRAYING IN AFFECTED AREAS BEGIN NO EARLIER THAN 8 PM SUNDAY, SEPTEMBER 29.

WHY: Aerial spraying can quickly reduce the number of mosquitoes in a large geographical area which in turn can reduce the risk of exposure to the EEE virus. When conducted according to strict regulations, aerial spraying is safe for people, animals, and the environment and has been successfully used in the United States for decades to reduce mosquito populations.

HOW: Mosquito control professionals will apply approved insecticides as an ultra-low volume (ULV) spray from a twin-engine plane that flies at approximately 300 feet above the ground. The ULV sprayers dispense very fine aerosol droplets. The droplets, which are smaller than the head of a pin drift through the air to kill adult mosquitoes on contact.



Adult male of *Coquillettidia perturbans* (Walker). Photograph by [Lyle J. Buss](#), Entomology and Nematology Department, University of Florida.

What insecticide is being used?

The product being used is called Merus 3.0. It is an EPA-registered, organic botanical adult mosquito insecticide containing five percent pyrethrins which are naturally found in chrysanthemum flowers. Pyrethrins are commonly used to control mosquitoes, fleas, flies, moths, ants and many other pests and have been registered for use in insecticides since the 1950s. Merus 3.0 is OMRI Listed and can be used around organic crops and gardens.

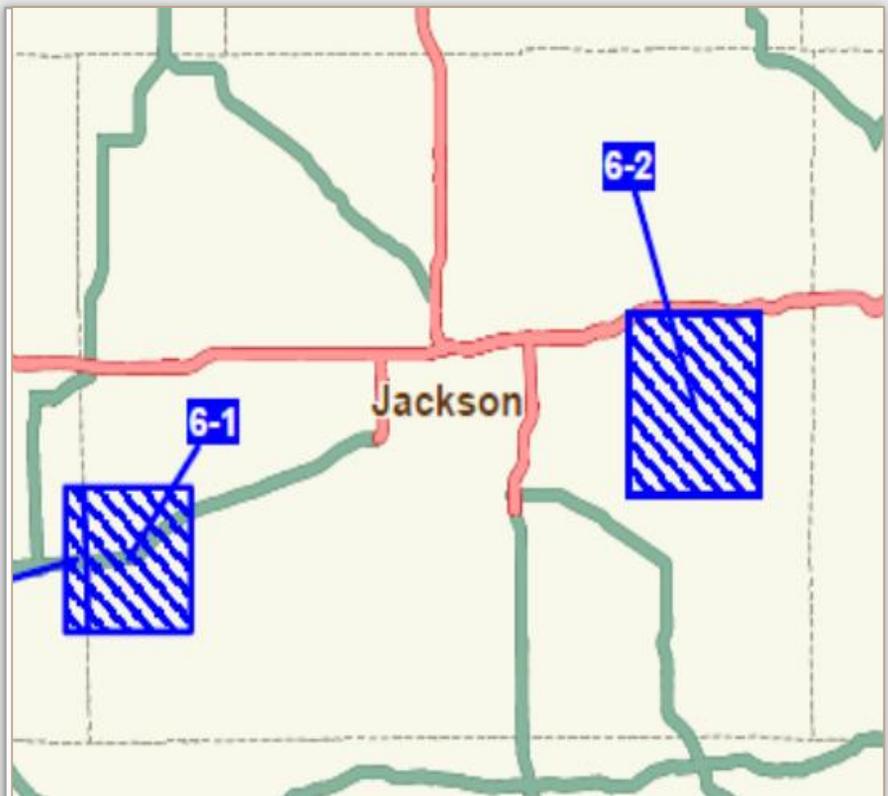
Will Merus 3.0 cause any adverse health effects in people?

Merus 3.0 is registered with the EPA and is labeled for public health use over residential areas. In general, no short-term or long-term risks to human health are expected during or after spraying.

Should I avoid exposure to the sprayed chemicals?

In general, no special actions are necessary before or during spraying. If you are concerned or have known sensitivities, some ways to reduce your exposure are to:

- Remain inside during the hours spraying will occur.
- Close windows and doors. Turn off air conditioners and window fans that bring outdoor air inside.
- Bring outdoor items (laundry, outdoor furniture and children's toys) inside or cover them if possible.
- Keep pets indoors and cover swimming pools and fishponds, if possible.



Approximate Aerial Spraying Boundaries

CONCORD:

- Concord Hills Golf Course
- Calhoun County Line
- Folks Rd
- Behling Rd

GRASS LAKE:

- I-94
- North edge of Wolf Lake
- Hayball Rd
- Maute Rd

Find out more at: Michigan.gov/EEE