

STANDARD MOSQUITO CONTROL OPERATING PROCEDURES – 2024
OPERATING PROCEDURES FOR SPRAYING OF ADULTICIDES (Treatment for adult mosquitoes):

- **Regular Surveillance and Control of Adult Mosquitoes: May 29 – October 1 2024**
 Sunday-Thursday (A night of the week will be assigned to your community).
 Anytime between 7:00p.m. - 2:30 a.m.
 Spraying for adult mosquitoes will **be done only if a Maryland Department of Agriculture Employee determines it is necessary.**
 Spraying **will not be conducted** during **rain**, in **wind speeds exceeding 12 MPH**, or **temperatures above 89°F**.

- **Thresholds for Ground Based ULV Treatments:**

- Landing Counts: 3 mosquitoes in a 2 minute count
- Light Trap Collections: 12 female mosquitoes in an unbaited light trap
 24 female mosquitoes in a baited light trap
- Conditions that threaten public health, such as mosquito borne disease

Adulticide	Formulation and application rate
<u>Permanone 30-30:</u>	Liquid
Permethrin mixed with Piperonyl Butoxide and Mineral Oil:	0.0031 lbs/acre (Ultra Low Volume application)

OPERATING PROCEDURES FOR USE OF LARVICIDES (Treatment for mosquito larvae):

- **County-wide Surveillance and Control of Larval Mosquitoes: April - October**
 Monday – Friday, 8:30 AM -4:00 PM
- **Larvicides to be used (This list is subject to additions or other revisions):**

Larvicide	Formulations
<u>Bacterial Larvicides:</u>	
VectoBac and Vectomax FG: <i>Bacillus thuringiensis var. israelensis</i>	Liquid, Granular
Spheratax: <i>Bacillus sphaericus</i>	Granular
<u>Insect growth regulator:</u>	
Altosid (Methoprene)	Liquid, Briquet, or Pellets

The Mosquito Control Program does not spray for Midge that swarm on homes, boats, trees and shrubs along many Anne Arundel County creeks and rivers. These non-biting insects develop in mud bottoms of slow moving waterways of low dissolved oxygen and will decline in numbers within a few weeks after they first appear.

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Monday – Friday, 8.30 a.m. - 4.00 p.m.

For more information, insecticide MSDS and labels, please visit our web site at:
http://mda.maryland.gov/plants-Pests/Pages/mc_product_labels_material_safety_data_sheets.aspx