

STANDARD MOSQUITO CONTROL OPERATING PROCEDURES- 2010

The Anne Arundel County & City of Annapolis Mosquito Control Program is conducted by the Mosquito Control Section of the Maryland Department of Agriculture, located in Annapolis, under cooperative agreement with the County and City Governments.

The following services will be conducted in the indicated time frames:

County-wide Surveillance and Control of Larval Mosquitoes: March - October

Regular Surveillance and Control of Adult Mosquitoes: Starting June 1, 2010-September 2010

OPERATING PROCEDURES FOR SPRAYING OF ADULTICIDES/LARVICIDES

- Spraying for adult mosquitoes will be **done only if a Maryland Department of Agriculture Inspector determines it is necessary.**

Nuisance Abatement 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

- **SPRAY/APPLICATION SCHEDULE FOR LARVICIDES/ADULTICIDES:**

Larvicides (Treatment for mosquito larvae)
Monday - Friday

Adulticide (Treatment for adult mosquitoes)
Sunday-Thursday (A night of the week will be assigned to your community)
After 7:30 p.m.

Spraying **will not be conducted** during rain, in wind speeds exceeding 12 MPH, or temperatures above 89°F.

- **LARVICIDES/ADULTICIDES TO BE USED:**

Larvicide

Formulations

Bacterial Larvicides:

VectoBac and Aquabac:
Bacillus thuringiensis var. israelensis
VectoLex:
Bacillus sphaericus

Liquid, Granular
Liquid, Granular

Insect growth regulator:

Altosid (Methoprene)

Liquid, Charcoal Briquet or Pellets

Adulticide

Formulation

Biomist 30+30:
Permethrin mixed with Piperonyl Butoxide
and Mineral Oil

Aerosol
0.0036 lbs/acre (Ultra Low Volume application)

- The **Mosquito Control Program does not spray for Midges** 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 water ways of low dissolved oxygen and will decline in numbers within a few weeks after they first appear.
- **Program Supervisor**
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Phone: (410) 841-5870, Fax: (410) 841-5734
Monday – Friday, 8.30 a.m. - 4.00 p.m.

For more information, insecticide MSDS and labels, please visit our web site at:
www.mda.state.md.us/plants-pests/mosquito_control/