

STANDARD OPERATING PROCEDURES FOR MOSQUITO CONTROL

The Mosquito Control Program in your County is conducted by the Mosquito Control Section of the Maryland Department of Agriculture under cooperative agreement with the County and Local Governments.

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

Surveillance and Control of Immature Mosquitoes	MARCH- OCTOBER
Surveillance and Control of Adult Mosquitoes	JUNE -SEPTEMBER

OPERATING PROCEDURES FOR SPRAYING OF ADULTICIDES/LARVICIDES

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

CRITERIA FOR SPRAYING:

NUISANCE MOSQUITO CONTROL

Landing Count: 3 mosquitoes landing in 2 minutes

Light Trap collection: Capture of at least 12 female mosquitoes of a species known to feed on humans, per night in an unbaited trap

- **SPRAY SCHEDULE FOR LARVICIDES/ADULTICIDES**

Larvicides (Treatment for mosquito larvae)

Monday - Friday

8.00 a.m. - 4.30 p.m.

Adulticide (Treatment for adult mosquitoes)

Monday - Friday

6.00 p.m. – 12.00 a.m.

This will not be conducted if it is raining, winds exceed 10 MPH or if temperatures are above 90°F.

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

Larvicide	Formulations
<i>Bacillus thuringiensis var. israelensis</i>	Granular
VectoBac and Aquabac	Liquid
<i>Bacillus sphaericus</i>	
VectoLex	
Insect growth regulator	Liquid
Altosid (Methoprene)	Charcoal Briquet
	Pellet
Adulticide	Formulations
Permethrin mixed with Piperonyl butoxide and Mineral Oil	0.003 lbs/acre (Ultra Low Volume (ULV) spray application)

- The Mosquito Control Program does not spray for Midges that cover homes and boats along many St. Mary's and Charles County rivers in April and May. These non-biting insects that develop in mud bottoms of slow moving creeks and rivers and show a decline in their populations a few weeks after emergence.
- **For additional Information please call:**
(301) 422-5080 or 1-888-523-0256 or (410) 841-5870
Fax No.: 301-422-0502
Monday - Friday
8.30 a.m. - 4.00 p.m.

Please leave a message if your call cannot be answered or if you call after hours.
For updates and more information please visit our web site at: <http://www.mda.state.md.us>