STANDARD MOSQUITO CONTROL OPERATING PROCEDURES

The Queen Anne's County Mosquito Control Program is conducted by the Mosquito Control Section of the Maryland Department of Agriculture, under cooperative agreement with the County Government.

OPERATING PROCEDURES FOR SPRAYING OF ADULTICIDES (Treatment for adult mosquitoes):

- **Regular Surveillance and Control of Adult Mosquitoes: May 2016-September 2016**
  Sunday-Thursday (A night of the week will be assigned to your community) on average bi-weekly service
  Anytime between 7:00 p.m. - 4:30 a.m.

- Spraying for adult mosquitoes will be **done only if a Maryland Department of Agriculture Inspector 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**

Permanone 30-30:	0.0029 lbs/acre
Permethrin mixed 1 in 4 with	9.08 oz 20 miles/hour
BVA oil = 6% end use dilution (finish mix)	0.75 oz fluid ounces finished spray/acre

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

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

- **LARVICIDES TO BE USED:**

Larvicide	**Formulations**
Bacterial Larvicides:	
VectoBac and Aquabac: *Bacillus thuringiensis var. israelensis*	Liquid, Granular
Vectolex: *Bacillus sphaericus*	Liquid, Granular
Insect growth regulator:	
Altosid (Methoprene)	Liquid, Charcoal Briquet or Pellets

The **Mosquito Control Program does not spray for Midges** that swarm on homes, boats, trees and shrubs along many Queen Anne's 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.

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

Note: Do not submit a Permission to enter form or a map if already on file.