

ULV (Ultra-Low Volume) Applications for Mosquito Control

Relevant information for the Outdoor IPM plan for Mosquito Control

- ◆ **Education section:** individuals can reduce the breeding of mosquitoes on site by tipping over any containers holding water, i.e. standing water containers such as tires, buckets, bird baths, etc. Employees, students and others will be educated such that they know that mosquito bites can be greatly reduced through the use of repellents and/or dressing such that little skin is left uncovered by wearing long pants, long sleeved shirts, hats etc.
- ◆ **Non-chemical approach:** individuals responsible for maintenance will work to remove or prevent standing water from collecting on site that might result in mosquitoes breeding. Drainage is monitored and standing water is mitigated. Larval control of mosquito breeding sites on and/or adjacent to school property will be considered following coordination with the Central Mass. Mosquito Control Project. Source reduction/water management of these areas will also be considered after coordination with the Central Mass. Mosquito Control Project. All mosquito control activities other than monitoring for (and removal of) water holding artificial containers will be conducted by the Central Mass. Mosquito Control Project under M.G.L. Ch. 252 and other relevant legislation.
- ◆ **Thresholds/Monitoring:** Applications will only occur following the monitoring and thresholds as established by the State Reclamation & Mosquito Control Board (SRMCB) in the Mosquito Control GEIR (Generic Environmental Impact Report).
- ◆ **Describe the monitoring technique you used for the pests above.** Pest monitoring done in coordination with the Central Mass. Mosquito Control Project as part of the Project's regional surveillance network. Please call (508) 3933055 or check the website at www.cmmcp.org for more information.
- ◆ **Chemical Controls:**
 - Name of Product – **Altosid WSP**
 - EPA Registration #: 1021-1688-8329
 - Active Ingredient: (S) Methoprene 4.25%

 - Name of Product – **Anvil 10+10 ULV**
 - EPA Registration #: 1021-1688-8329
 - Active Ingredient: Sumithrin 10% (aka d-phenothrin) and Piperonyl Butoxide, Technical 10%

 - Name of Product – **Aquabac 200G**
 - EPA Registration #: 62637-3
 - Active Ingredient: *Bacillus thuringiensis israelensis* 2.86%

- Name of Product – **BVA2 Mosquito Larvicide oil**
- EPA Registration #: 70589-1
- Active Ingredient: Mineral oil 97% (contains petroleum distillate)

- Name of Product – **FourStar CRG**
- EPA Registration #: 85685-2
- Active Ingredients: *Bacillus sphaericus* 9% and *Bacillus thuringiensis* subspecies *israelensis* 1%

- Name of Product – **FourStar Bti CRG**
- EPA Registration #: 85685-4
- Active Ingredients: *Bacillus thuringiensis* subspecies *israelensis* 10%

- Name of Product – **FourStar briquettes**
- EPA Registration #: 83362-3
- Active Ingredients: *Bacillus sphaericus* 6% and *Bacillus thuringiensis* subspecies *israelensis* 1%

- Name of Product – **Mavrik Perimeter**
- EPA Registration #: 2724-478
- Active Ingredient: Tau-fluvalinate 22.3%

- Name of Product – **Natular G**
- EPA Registration #: 8329-80
- Active Ingredient: Spinosad (a mixture of Spinosyn A and Spinosyn D) 0.5%

- Name of Product – **Natular G30**
- EPA Registration #: 8329-83
- Active Ingredient: Spinosad (a mixture of Spinosyn A and Spinosyn D) 2.5%

- Name of Product – **Suspend SC**
- EPA Registration #: 432-763
- Active Ingredient: Deltamethrin 4.75%

- Name of Product – **VectoBac G granules**
- EPA Registration #: 73049-10
- Active Ingredient: *Bacillus thuringiensis israelensis* 2.8%

- Name of Product – **VectoLex WSP**
- EPA Registration #: 73049-20
- Active Ingredient: *Bacillus sphaericus* 7.5%

- Name of Product – **Zenivex E20**

- EPA Registration #: 2724-791
- Active Ingredient: Entofenprox 20%

◆ **Individual/Company Making Pesticide Applications:**

- Central Mass. Mosquito Control Project
- 111 Otis Street Northborough, MA 01532
- Tel: (508) 393-3055 Fax: (508) 393-8492
- E-mail: cmmcp@cmmcp.org

The School administration, day care center operator, or school age childcare program IPM Coordinator needs to submit a new or updated IPM plan to the Dept. of Agricultural Resources (DAR) with this information preferably via interactive website at: <http://massnrc.org/ipm/index.html>

or by email to: SIPM-Plans@MassMail.State.MA.US

If you cannot submit electronically, please contact Trevor Battle at DAR. His telephone is 617-626-1775.

**FOR ADDITIONAL INFORMATION PLEASE CALL CMMCP AT
(508) 393-3055 AND ASK FOR TIM McGLINCHY**