

2008 Maryland Gypsy Moth Suppression Program Information

The purpose of this document is to provide information and increase awareness of Maryland's Gypsy Moth Suppression Program and its possible impact on our membership and the community. This document is for information only, no opinions have been expressed or implied in this document.

GYPSY MOTH – *why be concerned?*

Gypsy Moths, an introduced species, cause environmental damage to forest and shade trees. The larvae eat the leaves of oaks and other trees in May and June. Gypsy moth populations normally are suppressed through natural controls, predators, parasites, and, diseases. However, if these natural controls have not suppressed the populations, areas may need to be treated with insecticide to protect trees in areas where dieback or mortality can't be tolerated.

AERIAL APPLICATIONS – *what will be sprayed?*

MDA contractors are expected to use one of the following three pesticides. Two biological insecticide products containing *Bacillus Thuringiensis* (B.t.) or a similar product may be used:

Foray 48F (EPA Reg No. 73049-35) *or*

Thuricide 48LV (EPA Reg No. 70051-57).

The manufacture provides the following warning statements:

- Harmful if swallowed, or absorbed through the skin. Avoid contact with skin, eyes or clothing.
- Skin or eye irritation and allergic skin reactions are possible. Inhalation may result in respiratory tract irritation.
- Prevent eating, drinking, tobacco usage, and cosmetic application in areas where there is a potential for exposure to the material.

Dimilin 2L (EPA Reg. No. 400-461) will be sprayed in block HO008. Dimilin contain Diflubenzuron (insect growth regulator) in a petroleum oil base. In addition to the warnings listed above the product label states "Do not enter or allow worker to entry into treated area during the restricted entry interval (REI) of 12 hours". This product is a restricted use pesticide with environmental hazard warnings including "...toxic to aquatic invertebrates. Do not apply directly to water or to areas where surface water is present...Drift and runoff from treated areas may be hazardous to aquatic invertebrate organisms in neighboring areas."

COMMON SENSE – *what precautions should I take?*

Children and people with medical conditions or compromised immune systems are at greater risk from pesticide exposure than most adults, therefore, please consider the following;

- 1) Stay out of the area being sprayed.
- 2) Keep children indoors or away from the treated area until product is dry (*a minimum of one hour following application for Bt products, 12 hour REI for Dimilin*).
- 3) Turn off air-conditioning (or heating) systems.
- 4) Close windows and air intake vents in your home (or car - if driving in the area).
- 5) Watch yourself and your children for any possible reactions.
- 6) Seek medical advice if you suspect you or your child is having a reaction – report pesticide exposure to physician.
- 7) Cover swimming/kiddie pools and play equipment if possible. Empty swimming pools if water is contaminated.
- 8) ASAP following application, rinse any outdoor items with water to remove insecticide before it dries. Running lawn sprinklers will minimize residue on turf areas

LOCATIONS – *where will spraying take place?*

Spray blocks include residential areas. Weather condition and wind speed will determine the extent of the drift beyond the areas listed. Howard County has 19 blocks designated for 2008.

MDA's target goal of **100,000 ACRES** will be sprayed in Maryland **BLOCK# CLOSEST SCHOOLS or IMPACTED AREAS**

HO003 Eyre View, River Farms, Bushy Park Estates, Ridge View Hunt

HO005 Patuxent River State Park, Mill Green, Hipsleys Mill, Warfields Grant, Westwood of Cherry Grove, Daisy Woods, ZIP 21797

HO006 Knollwood, The Heritage, Gary, The Warfields, ZIP 21737

HO008 UM Central Farm, Woodmark, Benson, Locust Ridge, Cameron Tract, Quarterfield, Farside, ZIP 21042

HO010 TRES, FQMS, Glenelg Country Day School, Ridgewood, 12Hills, Buckskin Woods, Glenelg Manor Estates, Oakwood Overlook

HO011 Twelve Hills, Haysfield Airport, Linden Chapel Woods

HO012 Dayton, Linden Chapel Hills, Twist&Turn Ests, Karinwood, Triadelphia Mill Farms, Hedgerow, ZIP 21036

HO013 St. Louis School, Cabin Hill, Eagle Point Landing, Broadwater Estates, Westside, Clarksville Manor, Waterford, ZIP 21029

HO014 White Oak Estates, Highland Lake, Green Hill Manor, Allnutt Farms Ests, Hemlock Hill, Cissel Farm, Green Fields, ZIP 20777

HO015 next to HO014, Highland Briaridge, Paternal Gift Farm

HO016 AHS, CCES, Clemens Crossing, Village of Hickory Ridge (Rt 32, Rt 29, Owen Brown Rd and Cedar Lane), ZIP 21044

HO018 Guilford Park, Nordeu, Aspen Wood, Glenn Ct, Mission Heights

HO019 Campbell, Villa Heights, Cedars, Maryland Wholesale Food Center, Dorsey Run, Maple Trailer Park, ZIP 20794

HO020 Maryland Wholesale Food Center, Patuxent Inst. Rehab Center

HO021 Patuxent Institution Rehab Center, Waterloo, Lennox Park, Alladin Village, Washington Manor Park, ZIP 21075

HO022 DRES, Waterloo Park, Village of Deep Run, Alladin Village

HO023 RES, Rockburn Brach Park, Marshalee Estates, Rockburn Township, Pleasant View, Timbers at Troy Golf Course

HO024 ELMS, ELES, Lawyers Hill, Montgomery Manor, Elk Hgts, Avalon Area, Paptapsco Valley State Park, ZIP 21075

HO025 Patapsco MS, Rockland Arts Center, Normandy Hgts, Ivy Hill, Chestnut Farms, Chestnut Hill, The Oaks, Great Oaks, Normandy Woods, Town&Country West, Town&County Greensview

TIMING – *when will spraying occur?*

"Spraying begins in late April or early May,... The insecticide will be applied by an airplane or helicopter flying approximately 50 feet above tree top level. Applications begin at dawn and continue as long as conditions are favorable for spraying. Application to a specific area is usually completed in 15-30 minutes. ...Human activity in the [spray] block, especially children playing or going to or from school, is also monitored." (*quoted from State of Maryland Dept. of Agriculture 2/4/03 letter to Landowners*)

INFORMATION – *how can stay I informed?*

After April 21, 2008, statewide information including maps will be available on the web at: www.mda.state.md.us or visit www.mda.state.md.us/plants-pests/forest_pest_mgmt/index.php. The site should be updated by 6:00pm for spraying which will occur the next day. Info is listed by spray zone. Proposed blocks may be dropped or modified due to funding constraints, time restrictions, or citizen concerns. Property owners with concerns should promptly contact the MDA at 410-841-5922. The Central Regional Field office number is 301-662-2074. TTY 1-(800) 735-2258 or e-mail mdacent@erols.com