

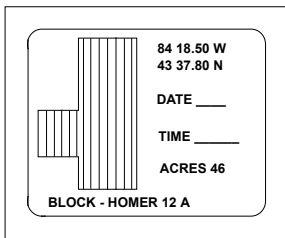
2021 NOTIFICATION OF AERIAL SPRAYING FOR THE CONTROL OF GYPSY MOTH LARVAE

Dear Property Owner:

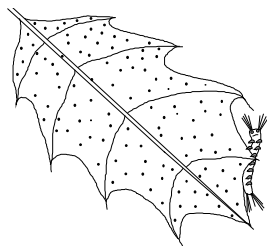
The parcel of land described by the parcel identification number on the envelope address label has been included in the 2021 Midland County Gypsy Moth Program. **All, or a portion of the property**, is scheduled to be sprayed by aircraft with the biological insecticide *Bacillus thuringiensis var. kurstaki* (B.t.k.) in May or June.

Most of the spraying will be done during the early morning hours when the air is cool, and winds are at a minimum. The exact date and time cannot be known in advance as spray depends on the insect stage, leaf development, and weather conditions.

Recent advances in aircraft navigation systems have made marker balloons unnecessary. It is much more accurate to use the on-board Global Positioning System (GPS) that tracks the aircraft's position several times a second in relationship to the spray block. The cockpit computer also checks off each spray block as it is completed.



The B.t.k. spray is applied in a very fine mist for maximum coverage of the leaves. It is applied at one quart per acre in droplets only 5/1000 of an inch in diameter. This protects the leaves with about 50 droplets per square inch. Most of the time the spray cannot be seen or felt. Rain has little effect on the spray if it has had time to dry.

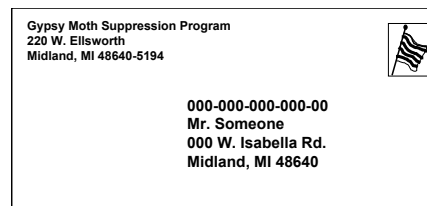


B.t.k. is a biological insecticide and is known only to affect the caterpillars of moths and butterflies that are actively feeding at the time of treatment. After ingestion, it destroys the caterpillar's stomach and the insect slowly dies. After spray, you may notice a change in the gypsy moth caterpillars after two or three days. They stop feeding, become sluggish and sometimes mass in sheltered areas. It may take up to a week for caterpillars that ingested the B.t.k. to die.

Eradication of the Gypsy Moth is not possible and should not be expected. The intent of the spray program is to give heavily infested home areas some relief from the caterpillar nuisance and to protect other areas from outbreaks when feasible. Homeowners are encouraged to reduce the gypsy moth population in their area by ground spraying, collecting and destroying egg masses, and destroying caterpillars; but no single method should be relied on for complete control.

If you do not want your property sprayed in this year's program, you must contact the Gypsy Moth Program office before May 1, 2021.

There is no additional cost to be included in the spray program. The program is funded by a County millage levied only as needed.



If you own more than one parcel of land in Midland or Midland County, please note that only the parcel listed on the envelope is included in the 2021 Program. For a description and location of the parcel number noted on the envelope, contact your Township or City assessor or the Midland County web site under Departments, Equalization.

Maps showing the areas scheduled for treatment will be available for viewing at the West County Community Center, and on the internet at www.co.midland.mi.us, under Departments, Gypsy Moth, Midland Program.

Thank you for your cooperation.

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