

Dear HLPOA Members and those renewing soon,

This email contains time sensitive information concerning Roscommon County's Gypsy Moth Suppression Program. Please note: Gypsy Moths are now called *Lymantria Dispar*. The application deadline for additional areas to be sprayed for Gypsy Moth Suppression is **March 18, 2022**.

Please use the attached "Spray Map Access" directions to view the Roscommon County Map to determine whether your property already is scheduled for spray. (This is updated on Mondays.)

Additional areas to be sprayed can be included at the property owner's cost. If the property abuts one of the planned spray areas it can be added as an individual parcel. For property that does not abut a planned spray area, the minimum size that can be added is 40 acres. The price for spraying is \$39.71 per acre.

Attachments:

1. *Lymantria Dispar* (LD) Gypsy Moth Management
2. Spray Map Access Directions
3. Agreement for Additional Gypsy Moth Spray Bocks 2022

HLPOA Board



How to Check the Gypsy Moth Spray Block Map:

-Visit <http://roscommoncounty.net/>

-Hover over "Services," then click "Online Map" on the right hand side.

-Scroll down and click on the Roscommon County Online Map.

-Click on the Layer icon in the upper right corner; the Layer icon is in the center and looks like a stack of paper.

-Click in the box next to 2022 Spray Blocks in the drop-down.

-The digital spray block layer should appear. Scroll and zoom to find your parcel.

*Note that if you zoom in or out too far, the layer will not be visible. To find an individual parcel, be sure the layer is turned on, zoom in to find your parcel, then zoom out until the layer appears to see if it is included in a spray block.

Roscommon County Gypsy Moth Program

989-275-7135 · msue.roscommon@county.msu.edu
roscommoncounty.net/218/Gypsy-Moth-Program · facebook.com/GypsyMothRoscommon/

STRATEGIES FOR LANDOWNERS TO MANAGE LYMANTRIA DISPAR (LD) (FORMERLY GYPSY MOTH)

January - April:

Remove and destroy egg masses prior to hatch. *Every mass you destroy prevents 100 to 1,000 caterpillars from hatching!!!*

- Search for LD egg masses on trees, firewood, outdoor furniture, and other outdoor surfaces.
- Scrape egg masses into a container of soapy water and let sit overnight, or burn or bury the egg masses.
- *Don't leave the eggs or bits of egg mass on the ground – those eggs can still hatch the following spring.
- *Take care not to damage tree bark, which may leave the tree vulnerable to disease or infestation.

March - April:

Saturate egg masses with biologic oil once temperatures are above 45 degrees.

- Biologic Golden Pest Oil: https://www3.epa.gov/pesticides/chem_search/ppls/057538-00011-20040309.pdf
- Neem Oil: https://www3.epa.gov/pesticides/chem_search/ppls/070051-00002-20180531.pdf
- 50/50 mix of soybean oil (or vegetable oil) and water with one tablespoon of dish soap per 2 cups of solution.

March - June:

Wrap trees with sticky barrier bands to trap caterpillars as they move up and down the trunks.

- <https://fyi.extension.wisc.edu/gypsymothinwisconsin/making-a-sticky-barrier-band/>
- <https://www.nj.gov/agriculture/divisions/pi/pdf/GMBarrierBands.pdf>

*Follow precautions stated in the articles to protect your trees from damage.

Wrap trees with folded burlap barrier bands to trap the caterpillars:

- <https://fyi.extension.wisc.edu/gypsymothinwisconsin/making-a-burlap-barrier-band-trap/>

May - August:

Manage LD caterpillar, pupa and moth populations.

- Suck caterpillars up with a shop vac with a solution of dish soap and water in the vac tub and let sit.
- Drop into a bucket of soapy water and let sit for 24 hours. (Caution: their hairs can be irritating.)
- Spray directly with a mixture of dish soap and water. (Caution: can make deck surfaces slippery.)
- Install, monitor and maintain barrier bands

In hot, dry weather, water prized trees defoliated by LD caterpillars.

- Run a sprinkler for about an hour in the morning, soaking the ground under the spread of the branches.
- <https://extension.umn.edu/planting-and-growing-guides/watering-established-trees-and-shrubs>

September - December:

Leave egg masses in place. Do not remove them until January to allow the Gypsy Moth Program to complete its survey of LD egg masses to determine next spring's spray map.

MORE INFORMATION

Roscommon County Gypsy Moth Suppression Program: roscommoncounty.net/218/Gypsy-Moth-Program

Roscommon County Gypsy Moth Suppression Program Facebook: facebook.com/GypsyMothRoscommon/

MSU Extension Integrated Pest Management: Lymantria Dispar: canr.msu.edu/ipm/invasive_species/gypsy-moth/



MICHIGAN STATE UNIVERSITY | Extension



**AGREEMENT FOR ADDITIONAL GYPSY MOTH/LDD SPRAY BLOCKS
ROSCOMMON COUNTY AND PARCEL OWNERS**

This agreement, made and entered into between _____ (full legal name), referred to herein as Parcel Owner and Roscommon County, referred to herein as "County," whereby it is agreed that:

WHEREAS, the Parcel Owner desires to accomplish additional gypsy moth suppression on the following parcels of land located within the County boundaries, and:

Parcel Number	Property Address
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**For a neighborhood spray order of multiple small parcels, please add all parcel numbers and signatures on back. Full payment must accompany this contract. Make checks payable to Roscommon County.*

WHEREAS, the Parcel Owner has agreed to participate in this option of inclusion of additional spray blocks, and

WHEREAS, the Parcel Owner acknowledges that these efforts are done with the knowledge that the County Gypsy Moth Suppression program has not included, utilizing scientific methods of review and selection, the listed parcel(s) for County funded suppression spray in the current calendar year, and

WHEREAS, the County agrees to include the listed parcel(s) in its total parcel spray blocks for the current calendar year including all permitting and coordination of FAA requirements, and

WHEREAS, the Parcel Owner acknowledges that the costs associated with all parcels listed will be the responsibility of the Parcel Owner, with understanding that the County shall utilize all knowledge, data and information available to coordinate gypsy moth suppression spraying at the most optimal times but cannot guarantee complete success of suppression.

IT IS NOW THEREFORE AGREED that the County will include all parcels as listed at the following total costs:

Total spray acres to be included for listed parcels _____

For a cost of \$39.71 per acre at a total cost of \$ _____

Method of payment **Cash** **Credit** **Check #** _____

IT IS NOW THEREFORE FURTHER AGREED that the County will request reimbursement from the Parcel Owner for the listed suppression spray additions, with payment due to the Roscommon County Administration Office (500 Lake St., Roscommon, MI 48653) no later than **3:00 p.m. ET March 18, 2022**. (Checks payable to Roscommon County.)

Parcel Owner _____
Date

Mailing Address

Phone Number _____
Email

Roscommon County Controller _____
Date