

Overview of 2022 Gypsy Moth (*Lymantria dispar*) Spray Block Creation

2022 Situation

- 2020 and 2021 populations highest in 20-30 years – across the Northeastern US and Canada
 - 900,000 acres defoliated across Michigan in 2020
 - Over 1.2 million acres defoliated across Michigan in 2021
- Goal of Roscommon County Program is suppression, not eradication
 - Eradication not possible as the caterpillar is 'naturalized' to the Eastern US

How decisions were made

- Current budget allows for aerial treatment of 8,814 acres
- Each Township allotted 801 acres
 - Protocols were followed on allocating the 801 acres
 - Not able to allocate full 801 acres in each Township
- Protocols:
 - Density of egg masses found during surveys
 - Density of homes
 - Percent/density and species of tree cover
 - Proximity to state land and other areas that are never treated
 - Isolated trees generally have high egg mass density and may not be included in spray block when surrounding landscape lacks contiguous cover

In 2022 – Individuals may add acreage to the spray block map!

- Price is \$39.71 per acre
- Minimum of 40 acres OR directly adjacent to existing spray blocks
 - If directly adjacent, no minimum acreage required
- Partial parcel acreage will not be accepted; if a parcel is enrolled for spraying the entire parcel must be included
- Deadline to add acreage is March 18th due to permitting deadline
 - **All funds and signed contract must be provided to the County Administration Office by 3:00 PM, March 18th**
- Please communicate this accurately to your residents.

Roscommon County Gypsy Moth Suppression Program

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Program Website: <http://www.roscommoncounty.net/218/Gypsy-Moth-Program>

Instructions for viewing the spray blocks on the Roscommon County GIS Map:

<http://roscommoncounty.net/>

Hover over “Services,” Then click “Online Map” on the right hand side.

Click on the Layer icon in the list on the left hand side; the Layer icon is the second one from the top.

Click on the ‘eye’ icon for the “2022 Spray Blocks” layer.

The digital spray block layer should appear. Note that if you zoom into a specific parcel, the layer will not be visible.

Best to find the parcel, be sure the layer is turned on, then zoom out until the layer appears.