

The Montmorency County Gypsy Moth Program is designed to give properties owners relief from feeding gypsy moth caterpillars that can damage their trees. The program is funded by a one-time millage that was collected in 2021. To determine where to monitor for potential 2022 treatment sites, property owners requested inclusion in the program at a townhall meeting in July and by contacting the program consulting coordinator throughout the summer. The 67 requests received determined which areas of the County would be monitored for gypsy moth egg masses. The number of egg masses found in the fall, is used to determine the gypsy moth population level the following spring. Greater than 500 egg masses per acre indicates that feeding gypsy moth caterpillars are likely to cause damage to area trees and will be a nuisance around people's homes next spring.

Spray blocks were designed around all areas where the density was higher than 500 Egg Masses per acre. The table below summarizes the number of spray areas proposed for each township and the total acreage in each township.

TOWNSHIP	TOTAL ACREAS	# of SPRAY AREAS
Albert	2859	10
Avery	292	2
Briley	0	0
Hillman	1597	6
Loud	0	0
Montmorency	286	3
Rust	893	5
Vienna	264	2
Total Acres	6191	

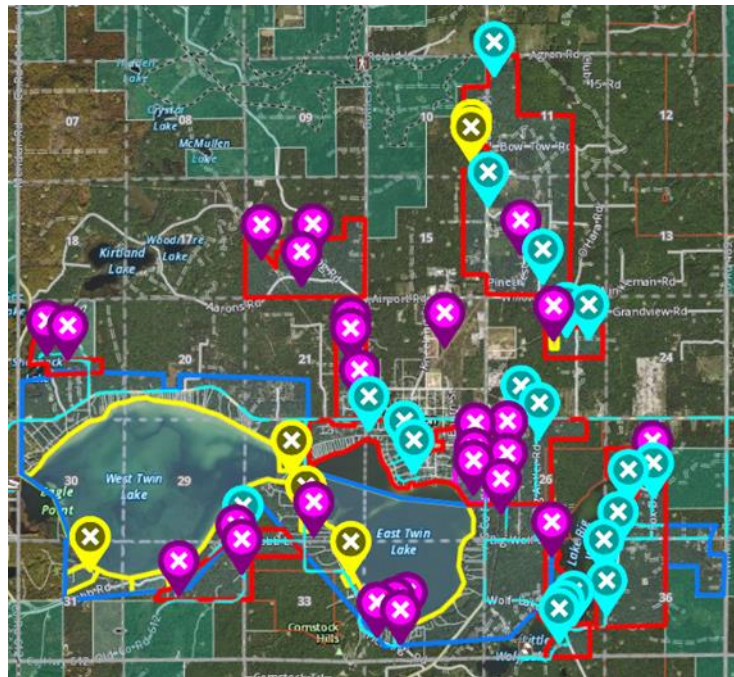
Egg Mass surveys were conducted between August 25, 2021 and October 13, 2021 and showed that many of the areas defoliated in 2021, will again have very high gypsy moth populations in 2022. One notable exception being a one-mile area north of County Road 459 near North Road where the gypsy moth population appears to have collapsed with only 4 new egg masses being found at 3 sites in the area. It should be noted that areas treated in 2021, will not be included in the county's 2022 treatment operations, so those areas were not monitored in Fall of 2021 except where multiple neighbors requested monitoring. Surveys resulted in a range of egg mass densities from as low as 80 EM/AC to a high of 9340 egg masses per acre found in an area north of Lewiston.

The following pages show the detail survey information separated by Township. The maps show the areas that were monitored and the proposed treatment area.

Albert Township:

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Albe 1	908	5799 Co Rd 491 to 5295 Pine Crest Dr	6450
Albe 2	78	5610 Melberry to 5850 Melberry	1460
Albe 3	304	4460 Winding Rd to 3250 Aarons Rd	9264
Albe 4	113	3540 Buttles Rd to Spruce	4853
Able 5	602	City of Lewiston north of lake	1380
Able 5		Johnson Subdivision SOUTH END	1933
Able 5		2389 MaryAnn	2590
Albe 6	66	3640 Marion St north end	1040
Albe 8	455	Big Wolf Lake Woods to BWlake	1376
Albe 9	120	6012 Big Wolf Lake to LBWlake	1368
Able 10	213	old CoRd 612, Cobb Rd to College	9340
TOTAL ACRES	2859		

Figure 1 Albert Township monitoring and proposed treatment areas



Map Symbols defined:

Purple - monitoring site where the owner requested inclusion

Aqua - Delimiting monitoring site to determine size of treatment area

Yellow - 2021 no spray area

Red outline - 2022 Treatment area

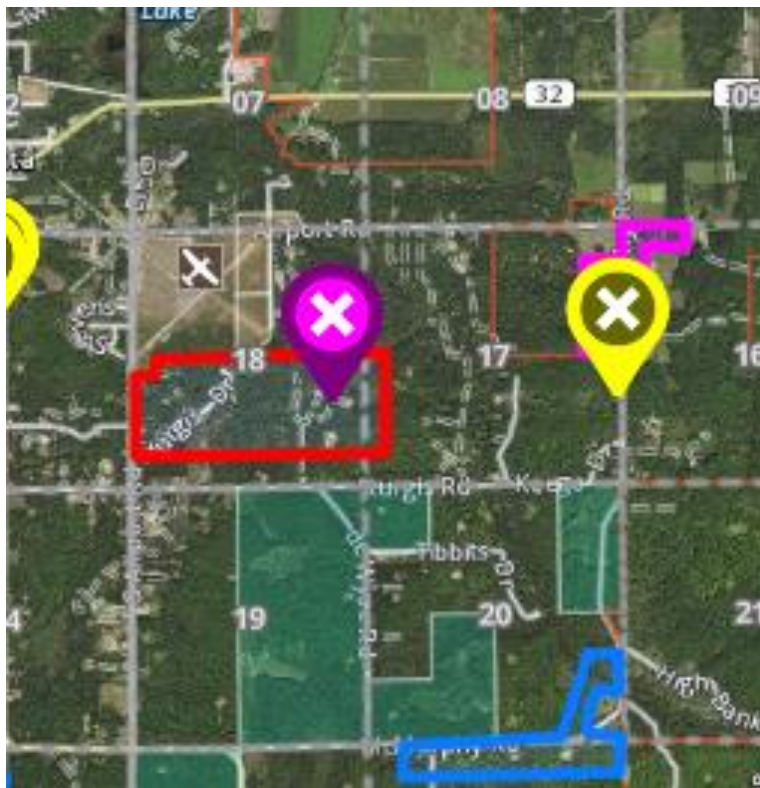
Blue outline - 2021 treatment area

Yellow outline - water/ no spray areas

Avery Township:

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Aver 1	56	15245 Airport Rd	640
Aver 2	236	10255 Dougherty Pl #1	1260
TOTAL ACRES	292		

Figure 2 Avery Township monitoring and proposed treatment areas.



Purple Flag-monitoring site where the owner requested inclusion;

Aqua Flags- Delimiting monitoring site to determine size of treatment area

Yellow Flags- 2021 no spray area

Red outline- 2022 Treatment area

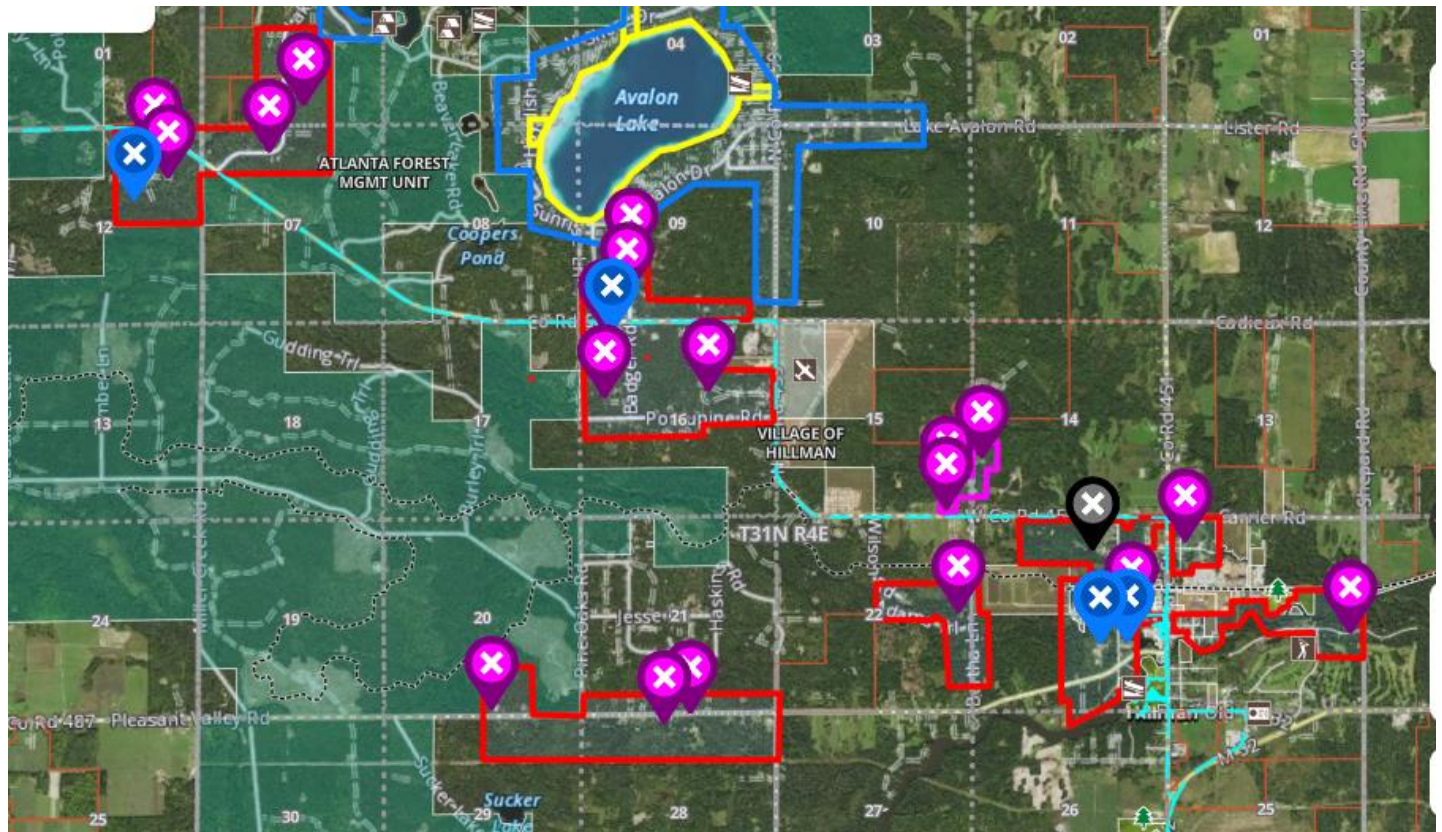
Blue outline- 2021 treatment area

Yellow outline- water/ no spray areas

Hillman

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Hill 1	349	18121 Ess Lake Rd	933
Hill 1		18845 Mulholland Dr	520
Hill 2	375	21165 CoRd 624, Badger Colonial	1150
Hill 3	325	21575 Pleasant Valley Rd	827
Hill 3		20580 Pleasant Valley Rd	560
Hill 4	110	15480 Bertha Ln	820
Hill 5	321	City of Hillman	4848
Hill 6	117	2491 Riverside Dr	520
NO BLOCK	0	16321 North Ln	267
TOTAL ACRES	1597		

Figure 3 Hillman Township monitoring and proposed treatment areas.



- Purple Flags** -monitoring site where the owner requested inclusion;
- Aqua Flags**- Delimiting monitoring site to determine size of treatment area
- Black Flag**- Bees
- Red outline**- 2022 Treatment area
- Blue outline**- 2021 treatment area
- Yellow outline**- water/ no spray areas

Montmorency Township

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Mont 1	105	23570 Hubert Rd	1520
Mont 2	69	24483 Koenig	1520
Mont 3	81	20280 Co Rd 628	
Mont 4	31	10051 Clear Lake Dr area	1653
No Block	0	CCR Lodge	760
no block	0	19882 Voyer Lk Rd & Rush Lk Boat Launch	80
TOTAL ACRES	286		

Figure 4 Western Montmorency Township

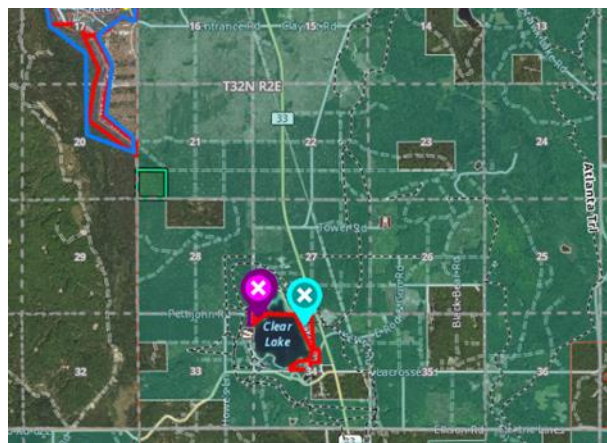
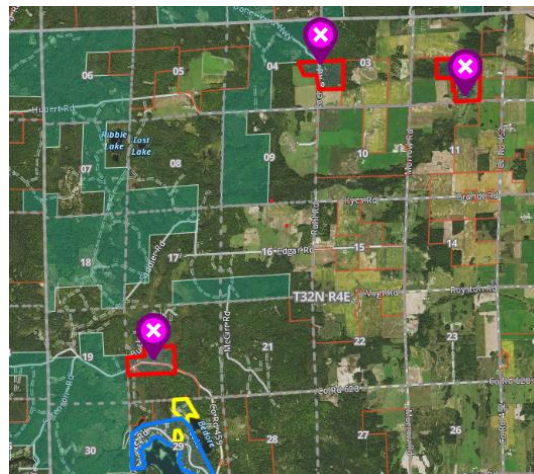


Figure 5 Eastern Montmorency Township



Map Symbols defined:

Purple Flags-monitoring site where the owner requested inclusion

Aqua Flags- Delimiting monitoring site to determine size of treatment area

Red outline- 2022 Treatment area

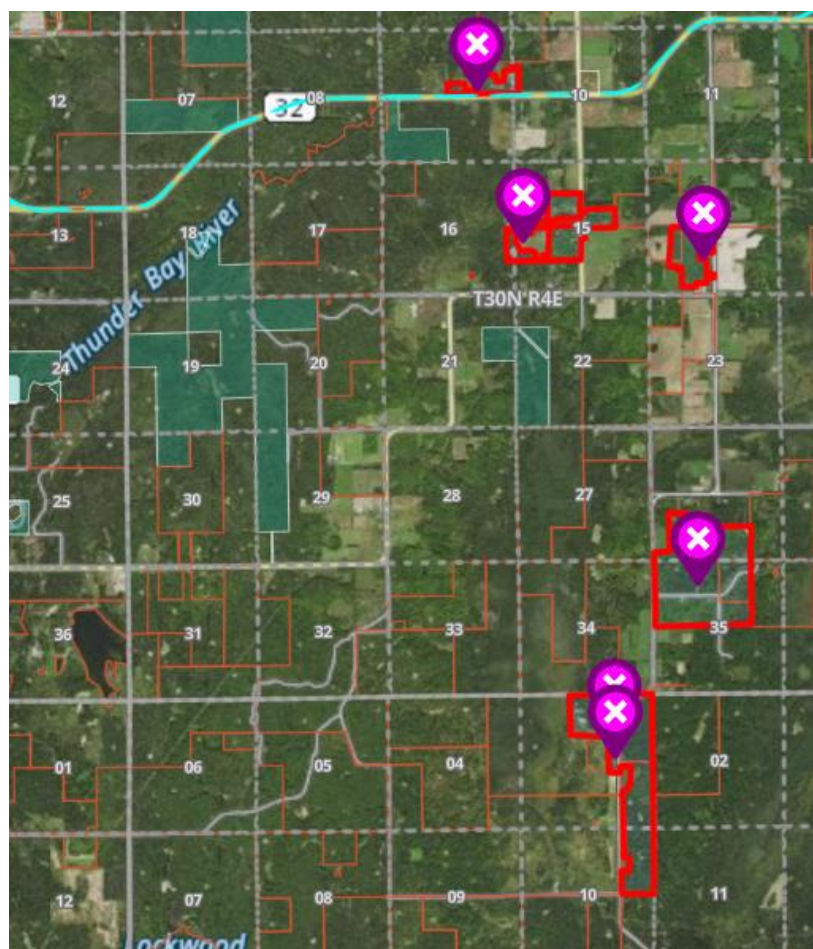
Blue outline- 2021 treatment area

Yellow outline- water/ no spray areas

Rust Township

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Rust 1	38	22730 M-32S	800
Rust 2	125	22686 Banks Rd	6910
Rust 3	77	10250 Farrier Rd	747
Rust 4	347	23440 Knight Rd	9240
Rust 5	307	6700 Farrier rd	1387
TOTAL ACRES	893		

Figure 6 Rust Township monitoring and propose treatment areas.



Map Symbols defined:

Purple Flags-monitoring site where the owner requested inclusion

Aqua Flags- Delimiting monitoring site to determine size of treatment area

Red outline- 2022 Treatment area

Vienna Township

Block ID	Spray block size	LOCATION	Egg Mass Density (EM/AC)
Vien 1	197	9315 McCormick Lake Rd	2600
Vien 2	67	8222 Mathews Rd	
No Block	0	5785 Gamble Dr	0
TOTAL ACRES	264		

Figure 7 Vienna Township monitoring and proposed treatment areas.



Map Symbol Definitions:

- Purple Flags** -monitoring site where the owner requested inclusion;
- Aqua Flags**- Delimiting monitoring site to determine size of treatment area
- Black Flag**- Bees
- Red outline**- 2022 Treatment area