

**From:** Kurt Greaves <[kgreaves@lanarkcounty.ca](mailto:kgreaves@lanarkcounty.ca)>  
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**Subject:** 2021 Gypsy Moth Numbers

Attached are an information brochure Hillary did most of work on and the MNRs 2020 infestation mapping. Western Lanark County was one of the hardest hit areas in the Province.

The Invasive Species Centre put on a webinar to provide additional information on the Gypsy Moth. Both the Federal Government and The Ministry of Natural Resources & Forest participated with presentations.

2021 Very Hard to Predict: High numbers will crash in three years or less depending on circumstances:

Cold winter with days below -20C help kill eggs above the snow line. Lots of snow will insulate more eggs. Eggs must scraped to the ground actually helps them survive...they must be scraped into water to drown them.

Wet spring needed to spread fungus that kills the caterpillar stage. Virus will establish over time with large numbers of moths.

Hopefully some or all of these things happen to crash the population.

Conifers will not survive a single year is 100% defoliated. Hardwood trees can sustain defoliation for three years if no other stressors (e.g., drought).

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