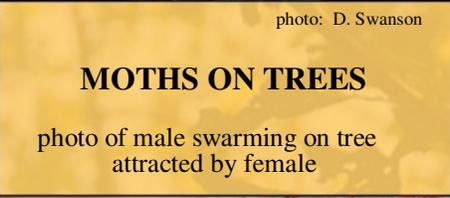


# WINTER MOTH CONTROL STEPS

Time of Year	Moth Activity	Steps You Can Take
NOVEMBER -- JANUARY	 <p>photo: D. Swanson</p> <p><b>MOTHS ON TREES</b></p> <p>photo of male swarming on tree attracted by female</p>	<ul style="list-style-type: none"> <li>• Tape and band trees with sticky substance tape               <ul style="list-style-type: none"> <li>- Prevents females from laying eggs on tree</li> </ul> </li> <li>• Remove after hard frost</li> <li>• Reband in may as young inchworms begin “ballooning” to new trees.</li> </ul> <p><i>See reverse for "sticky" product information</i></p>
	 <p>photo: R. Childs</p> <p><b>EGGS ON TREES</b></p> <p>photo of newly hatched eggs on fiber strip</p>	<ul style="list-style-type: none"> <li>• Thoroughly spray dormant oil on trunk and branches before leaves emerge.               <ul style="list-style-type: none"> <li>- Kills overwintering eggs</li> </ul> </li> </ul> <p><i>Toxic to Fish</i></p> <p><i>Don't use where runoff likely</i></p> <ul style="list-style-type: none"> <li>• Encourage birds</li> <li>• Keep trees/shrubs moist &amp; top-dress with compost</li> </ul>
MAY	 <p>photo: Maine Forest Service</p> <p><b>INCHWORMS EAT LEAVES</b></p>	<ul style="list-style-type: none"> <li>• Apply <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> (Btk), to emerging leaves               <ul style="list-style-type: none"> <li>- kills young inchworms feeding on leaves</li> </ul> </li> </ul> <p><i>Non-selective – kills many species of butterflies &amp; moths</i></p> <p><i>Pesticides - malathion, permethrin, Sevin®, and spinosad are toxic to fish, mollusks &amp; aquatic creatures</i></p>
	 <p>photo: S. Vachon</p> <p><b>LEAF DAMAGE ON TREE</b></p>	<ul style="list-style-type: none"> <li>• Do not remove landscape material (soil, plants, &amp; weeds) from infested areas</li> <li>• Keep trees &amp; shrubs well watered and top dress with compost</li> </ul> <p>(Earthen cocoons of winter moth are in the soil and can easily be spread to a new location)</p>
JUNE - NOVEMBER		

# WINTER MOTH CONTROLS

## Autumn –Tree Banding

- **Instructions for tree barrier banding**

<http://winnipeg.ca/publicworks/bugline/cankerworms/treebanding.stm>

(includes instructional video)

<http://extension.umd.edu/publications/PDFs/FS476.pdf>

- **Tanglefoot™ type products available:**

<http://www.biconet.com/tree/TangleStickyTreeBand.html>

<http://www.treebands.com/home>

[www.amleo.com](http://www.amleo.com)

[www.buycheaper.com](http://www.buycheaper.com)

[www.amazon.com](http://www.amazon.com) and [www.ebay.com](http://www.ebay.com) Search Tanglefoot

## Spring – Egg & Inchworm Control

***Do not apply to areas near surface water or intertidal areas!***

- **Recipe for making horticultural dormant oil**

[www.ehow.com/ehow\\_home-pests-and-weeds](http://www.ehow.com/ehow_home-pests-and-weeds)

- **Horticultural dormant oil products available at local nurseries**

### References:

Town of Harpswell: <http://www.harpswell.maine.gov/> Under WHAT'S NEW..

Maine Forest Service: <http://www.maine.gov/doc/mfs/InvasiveThreats.htm>

University of Massachusetts:

<http://extension.umass.edu/landscape/news/winter-moth-update-4262012>