



CONTROLLING BROWNTAIL MOTH IN HARPSWELL

Non-chemical

- Clip overwintering webs and destroy by soaking in soapy water or burning. (Wear gloves!)
- Clip webs in the winter and very early spring: October to mid-April.
- June to August - If caterpillars are on structures hose down with water and vacuum up with a **HEPA filter vacuum, close bag tightly. Dispose into trash immediately**

Chemical

- *Pesticide use within 250 feet of marine waters is restricted.* See Table below.
- Look for an arborist/ licensed pesticide applicator; licensing ensures they have specialized training and equipment to do the job properly. All applications made for pay must be done by a Maine licensed applicator.
- If making a DIY pesticide application on your own property, select a pesticide product carefully:
 - **READ ENTIRE LABEL BEFORE APPLICATION AND FOLLOW CAREFULLY**
 - Ensure the site intended for application is listed on product label
 - Preferably, choose a product that lists browntail moth on the label.
 - Treat before the end of May to prevent development of the toxic hairs.

Courtesy of the Maine Forest Service

- The table below lists the State acceptable pesticides and methods of application for browntail moth control within 250 foot shoreland zone (SLZ). Harpswell’s ordinance is more restrictive in some instances. The table lays out the allowable application methods for treatment in Harpswell.

State Approved Pesticides for use in the SLZ	Distance from Water - 250' SLZ				Remarks
	0-24 feet	25-49 feet	50-249 feet	Over 250 feet	
Insect Growth Regulator - Diflubenzuron	No	No	No	No	Prohibited in Harpswell
Neonicotinoids - Clothianidin, Dinotefuran, Imidacloprid	*Waiver	Licensed Applicator - inject or paint	Licensed Applicator - inject or paint	Licensed Applicator to spray	May be used on wind pollinated trees/plants only by injection or painting
Organophosphate - Acephate, AceCaps®	No	No	No		Not State approved in the 250' SLZ. Highly toxic to bees
Pyrethroid family - Bifenthrin, Deltamethrin, Fluvalinate	*Waiver	Injection or painting	Hand held spray	Yes	Injection, painting, hydraulic hand held or backpack sprayer
Natural Bacteriums - Bacillus thuringiensis, kurstaki (Btk), Spinosad, Azaradachitin	*Waiver	Yes	Yes	Yes	Btk more effective with two (2) applications

*Waivers for application only accepted from licensed applicators