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**MAINE BOARD OF PESTICIDES CONTROL POLICY ON ALLOWABLE
PESTICIDES FOR THE CONTROL OF BROWNTAIL MOTH WITHIN 250
FEET OF MARINE WATERS**

Adopted January 15, 2020

BACKGROUND

On January 25, 2008, the Board adopted Section 5 of Chapter 29 which regulates the use of insecticides used to control browntail moth within 250 feet of marine waters. Section 5 limits insecticide active ingredients to those approved by the Board. Since that time, a number of newer chemistries have been registered for use and far more data is available on the efficacy of many products. On April 19, 2019, the board recommended the existing risk assessment to be updated by the board toxicologist. This update started with input from the Maine Forest Service on efficacy and included use of newer predictive models and modified the exposure scenario. On January 15, 2020, the Board approved the following active ingredients for control of browntail moth in coastal areas located between 50 and 250 feet from the mean high water mark in accordance with CMR 01-026 Chapter 29: Standards for Water Quality Protection.

Acephate
Chlorantraniliprole
Cyantraniliprole
Indoxacarb
Piperonyl Butoxide
Tebufenozide
Spinosad

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ALLOWABLE APPLICATIONS FOR CONTROL OF BROWNTAIL MOTH NEAR MARINE WATERS (2020)

0 to 25 feet

25 to 50 feet

50 to 250 feet

Over 250 feet

Soil and tree injections of any appropriate pesticide following BPC regulations and label.

Non-broadcast applications using non-powered equipment and

- approved biological pesticides; or
- appropriate products by a licensed commercial applicator.

Non-broadcast applications are:

- less than 100 contiguous sq ft; and
- less than 20% of area within the 25 foot zone per year; and
- application directed away from water; and
- application minimizes drift to non-target species and areas.

With a variance from BPC, broadcast applications using non-powered equipment

Approved biological pesticides:

- *Spinosad*
- *BtK*
- *Azadirachtin*

Applications of any appropriate pesticide by a licensed commercial applicator (with category 3A) using non-powered equipment.

Applications of approved biological pesticides with powered equipment (potentially including aerial and UAV applications)

Applications of products approved for use within 50-250 feet of marine waters using hydraulic handheld and air-assisted equipment:

- spray is directed away from water, and
- wind speed is greater than 2mph and blowing inland

2020

Approved products:

- *Acephate*
- *Chlorantraniliprole*
- *Cyantraniliprole*
- *Indoxacarb*
- *Piperonyl Butoxide*
- *Tebufozide*
- *Spinosad*

Applications of any appropriate pesticide following BPC regulations and label

- must list proper site e.g., ornamental trees
- label does not have to list pest

This graphic summarizes Maine Board of Pesticides Control (BPC) rules and policies specific to control of browntail moth. All BPC rules, as well as product labels, must always be followed. BPC rules can be found at thinkfirstspraylast.org.

BPC recommends hiring a licensed commercial applicator. Potential serious environmental consequences and legal penalties may result from the incorrect application of pesticides.



ocean

mean high water