



Risk assessment evaluating
active ingredients used
during browntail moth treatments
near marine water.

ALLOWABLE APPLICATIONS FOR CONTROL OF BROWNTAIL MOTH NEAR MARINE WATERS (2019)

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

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

Applications of products approved for use within 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
- Tebufenozide
- Spinosad

Applications of any appropriate pesticide following BPC regulations and label

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

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.

Call us (207) 287-2731.

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

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

25 to 50 feet

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

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

Approved biological pesticides:

-
-
-
-

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

ocean

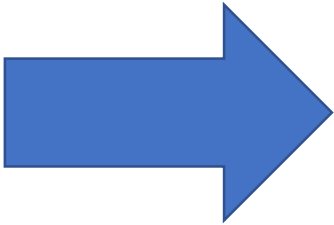
mean high water

Searched Pesticide
Registration Database
(NSPIRS)

Curated Search Results
Potential a.i.s

**Search
Terms**

Gypsy Moth
2020
Ornamental
Forestry
Ag -Fruit & Nut
Oaks
Cherries
Microbial
Biochemical



Azadirachtin
Bacillus thuringiensis subspecies *kurstaki*
Bacillus thuringiensis subspecies *aizawai*
Beauveria bassiana
GS-omega/kappa-Hctx-Hv1a
Isaria fumosorosea
Kaolin clay
Spinosad

Terminology



Biological pesticide



Microbial pesticide

Bacillus thuringiensis subspecies *kurstaki*

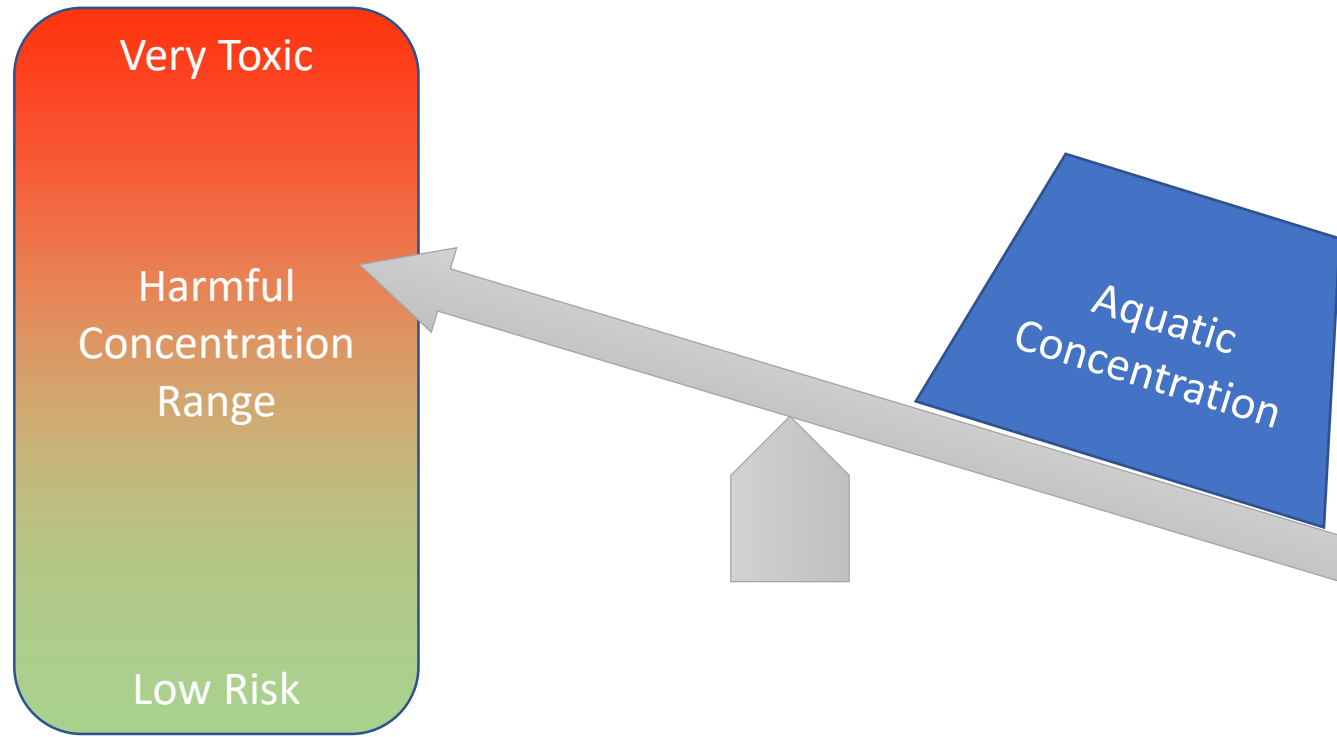
Biochemical pesticide

Azadirachtin

Spinosad

Risk Assessment

Comparison between expected concentration in the environment from maximum use and most sensitive marine or estuarine organism.



Suggested
Active Ingredients



Bacillus thuringiensis subspecies *kurstaki*

Bacillus thuringiensis subspecies *aizawai*

Beauveria bassiana

GS-omega/kappa-Hctx-Hv1a

Isaria fumosorosea

Kaolin clay

Spinosad

