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ISOMATE[®] DWB

BEHAVIORAL MATING DISRUPTION FOR DOGWOOD BORER (*SYNANTHEDON SCITULA*)

For use on pome fruit, stone fruit, tree nut, highbush blueberry and woody ornamental nursery crops

AGRICULTURAL
SLOW RELEASE GENERATOR
INSECT SEX PHEROMONE

READ THE LABEL BEFORE USING

GUARANTEE:	(Z,Z)-3,13-Octadecadien-1-yl Acetate	79.84 %
	(E,Z)-2,13-Octadecadien-1-yl Acetate	5.46 %
	(Z,Z)-3,13-Octadecadien-1-ol	1.50 %
	(E,Z)-2,13-Octadecadien-1-ol	0.27 %

CAUTION SKIN IRRITANT

REGISTRATION NO. 30589 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 500 dispenser units per package (each dispenser contains 63.30 mg of pheromone; total content of package is 31.65 grams of pheromone)

PACIFIC BIOCONTROL CORPORATION

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DIRECTIONS FOR USE

IT IS CRITICAL THAT **ISOMATE DWB** BE APPLIED AS DIRECTED.

Growers using this product must maintain careful records of damage within their orchard. Careful monitoring and evaluation of adult and larval populations is essential since use of ISOMATE DWB is significantly different in terms of efficacy and mode of action from traditional broad spectrum insecticides normally used for insect pest control in fruit and nut crops. Designing successful programs with ISOMATE DWB depends on ongoing discussion with IPM specialists, extension horticulturists and company representatives.

CROPS: Pome fruits (apple, crabapple, mayhaw, pears, quinces), stone fruits (plums, cherries, apricot, capulin, chokecherry, nectarine, peach, plumcot, sloe), tree nuts (pecan, almond, beech nut, butternut, chestnut, chinquapin, filbert, hickory nut, walnut), highbush blueberry and woody ornamental nursery crops (including dogwood, birch, crabapple, elm, flowering cherries, mountain ash, oak, willow, pine).

PESTS: Dogwood borer (*Synanthedon scitula*).

RATE: Minimum of 250 dispensers per hectare (100 dispensers per acre) for low population areas and where dogwood borer mating disruption has been practiced for a number of years. Rate of 375 dispensers per hectare (150 dispensers per acre) is recommended for the initial treatment year and for high populations. Double the rate, up to a maximum of 500 dispensers per hectare (200 dispensers per acre), around borders of treatment area.

APPLICATION: Dispensers should be placed on lateral branches at chest height within the tree canopy.

TIMING: Apply in the spring before the end of May. It is important to apply prior to dogwood borer adult emergence. Consult a local extension specialist or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.

NOTE: ISOMATE DWB reduces mating of the target pest. Immigration of mated female moths of this species from adjacent orchards or nurseries will reduce the level of control. Manage by:

- Treatment of external sources of infestation with ISOMATE DWB.
- Treatment of external sources of infestation with a registered insecticide.
- Treatment of pheromone treated orchard with a registered insecticide

Areawide application is most effective. Supplementary applications of registered insecticides are advised when ISOMATE DWB is used in orchards with high pest populations. All pests must be monitored so that timely intervention with registered insecticides is possible.

ISOMATE® is a Registered Trademark of Pacific Biocontrol Corporation.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

Do not open foil envelopes until ready to use. May irritate the skin. Avoid contact with skin, eyes or clothing. Users must wear suitable protective clothing including chemical resistant gloves and eye protection when handling the dispensers. Wash hands with soap and water after use.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

FIRST AID:

IF SWALLOWED:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF INHALED:

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF IN EYES:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Treat symptomatically.

STORAGE AND DISPOSAL/DECONTAMINATION

Do not contaminate water, food or feed by storage or disposal of unused or used dispensers.

Do not dispose of dispensers in or near streams or bodies of water.

STORAGE:

Store unopened package at temperature below 4°C in a dry location.

PRODUCT DISPOSAL DECONTAMINATION:

Unused material that cannot be used according to label instructions must be disposed of according to provincial requirements.

CONTAINER DISPOSAL:

Dispose of empty dispensers and foil envelopes in accordance with provincial requirements.

GENERAL:

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill and for clean up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.