

2010-2962
2011-08-24

ISOMATE[®]-PTB DUAL

BEHAVIORAL MATING DISRUPTION FOR PEACHTREE BORER (*SYNANTHEDON EXITIOSA*), AND
LESSER PEACHTREE BORER (*SYNANTHEDON PICTIPES*)

For use on stone fruits and almonds

AGRICULTURAL

SLOW RELEASE GENERATOR

READ THE LABEL BEFORE USING

GUARANTEE: (E,Z)-3,13 Octadecadien-1-yl Acetate 44.20 %
(Z,Z)-3,13 Octadecadien-1-yl Acetate 43.74 %

REGISTRATION NO. 30042 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 500 dispenser units per package (each dispenser contains 112.24 mg of pheromone; total content of package is 56.12 grams of pheromone)

PACIFIC BIOCONTROL CORPORATION

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DIRECTIONS FOR USE

IT IS CRITICAL THAT **ISOMATE-PTB DUAL** 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-PTB-Dual is significantly different in terms of efficacy and mode of action from traditional broad spectrum insecticides normally used for insect pest control in fruit crops. Designing successful programs with ISOMATE-PTB DUAL depends on ongoing discussion with IPM specialists, extension horticulturists and company representatives.

CROPS: Apricots, capulin, cherries, chokecherry, nectarine, peach, plums, plumcot, sloe, and almonds.

PESTS: Peachtree borer (*Synanthedon exitiosa*), and lesser peachtree borer (*Synanthedon pictipes*).

RATE: 375 dispensers per hectare (150 dispensers per acre). Use higher rate up to 675 dispensers per hectare (250 dispensers per acre) when pest pressure is high.

APPLICATION: Place dispensers on lateral branches in mid point of tree canopy. Apply dispensers uniformly in the treated area. Areawide application is the most effective treatment against peachtree borers.

TIMING: Apply prior to moth emergence in the spring. Consult a local extension specialist or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.

NOTE: ISOMATE-PTB DUAL reduces mating of target pests. Immigration of mated female moths of these species from adjacent orchards will reduce the level of control. Manage by:

- Treatment of external sources of infestation with ISOMATE-PTB DUAL.
- 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-PTB DUAL is used in orchards with high pest populations. All pests must be monitored so that timely intervention with registered insecticides is possible.

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PRECAUTIONS:**KEEP OUT OF REACH OF CHILDREN.**

Do not open foil envelopes until ready to use. 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:

Remove contaminated clothing and wash separately before reuse. Rinse skin immediately with plenty of water. If irritation occurs and persists or is severe, seek medical attention.

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. If irritation occurs and persists or is severe, seek medical attention.

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.

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