

53575-41

2/3/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

FEB 03 2014

Kathy A. Bolan
Registration Consultant
Pacific Biocontrol
575 Viewridge Drive
Angwin, CA 94508

Subject: Label Amendment to Revise the Storage and Disposal Statement to Allow
Unopened Product Packages in Food or Feed Cold Storage Areas and Other Minor Label
Changes
Product Name: Isomate GRB
EPA Reg. No: 53575-41
Your Submission Dated August 1, 2013

Dear Ms. Bolan:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions regarding this action, you may contact Gina Burnett at (703) 605-0513 or via email at burnett.gina@epa.gov. A stamped copy of the label is enclosed for your records.

Sincerely,

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)

CONCURRENCES							
SYMBOL	▶ 7511P	7511P					
SURNAME	▶ Burnett	Rully					
DATE	▶ 2/4/2013	2/4/14					

ACCEPTED

FEB 03 2014

LOT #



Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 53575-41

ISOMATE® GRB

A MATING DISRUPTION FORMULATION FOR GRAPE ROOT BORER (*Vitacea polistiformis*) AND CURRANT BORER (*Synanthedon tipuliformis*) FOR ORGANIC PRODUCTION

ACTIVE INGREDIENTS:	
(E,Z)-2,13-Octadecadien-1-yl Acetate	78.69 %
(E,Z)-3,13-Octadecadien-1-yl Acetate	3.92 %
OTHER INGREDIENTS	
TOTAL	17.39 %
80.43 mg active ingredients per dispenser	100.00 %

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Avoid contact with skin, eyes or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. After handling, wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID STATEMENT

- IF ON SKIN OR CLOTHING:**
 - Remove contaminated clothing.
 - Immediately rinse skin for 15-20 minutes using plenty of water.
 - Contact a poison control center or doctor for treatment advice.
- IF IN EYES:**
 - Hold eyes open, slowly and gently rinse with water for 15-20 minutes. If wearing contact lenses, rinse eyes for 5 minutes, remove contact lenses, then continue rinsing.
 - Contact a poison control center or doctor for treatment advice.
- HOT LINE NUMBER:**
 - Have the product container or label with you when contacting a poison control center or doctor, or going for treatment. You can call the poison control center at 1-800-222-1222.
 - You may also contact Pacific Biocontrol at 1-800-999-8805 for additional information.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of this product.

PACIFIC BIOCONTROL CORPORATION
 14615 NE 13th Court, Suite A, Vancouver, WA 98685 U.S.A.
 Telephone (360) 571-2247 or 1-800-999-8805
 www.pacificbiocontrol.com

NET CONTENTS: 600 Dispenser Units
 One dispenser contains 0.004 fl oz or 97.36 mg
 Total content of package: 2.245 fl oz or 58.42 g

MADE IN JAPAN
 EPA Est. No: 47265-JPN-01
 EPA Reg. No: 53575-41

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

It is CRITICAL that ISOMATE GRB is applied as directed.

Crops Grapes including raisins, table, juice and wine grapes. Currants.

Target Pests Grape root borer (*Vitacea polistiformis*) and currant borer (*Synanthedon tipuliformis*).

Rate For grapes: use 100 dispensers per acre (0.31 fl oz or 8.04 g a.i. per application). For currants use 200 dispensers per acre (0.62 fl oz or 16.09 g a.i. per application). Dispensers are to be placed across the treated area in a uniform manner. A higher rate may be applied around the border rows and end plants, i.e., the equivalent of 150-250 dispensers per acre (0.46-1.55 fl oz or 12.06-20.11 g a.i. per application), is suggested. Do not exceed 150 g a.i. (or 1865 dispensers) per acre per year.

Application In grapes, attach dispensers onto lower training wire, support posts or on the vines themselves in the mid-canopy of the vines. For some training systems, placement above the fruiting zone is sufficient for optimum activity. In currants, attach dispensers to individual canes within the top 6 inches of the cane. Borers can move a considerable distance. Therefore treatment of the entire vineyard or planting is highly recommended. Mating disruption is most successful when large areas of the entire crop area is treated; minimum treatment area is 4 to 5 acres. The larger the treatment area, the better the system works. Treatment needs to be applied for multiple seasons. Mating disruption impacts population dynamics over time and grape root borer has been identified to have a multiple year life cycle over most of its range.

Timing Apply prior to seasonal emergence for the specific target species of borer species. Monitor with pheromone traps and inspection of host siles. Additional applications are to be based on field scouting for the target pest. Consult your local pest control advisor, university/extension specialist or Pacific Biocontrol representative for proper timing or estimated dispenser longevity in your area.

Note Isomate GRB suppresses mating of target pest. Immigration of mated female moths of this species from adjacent external sources of infestation will reduce the level of control. Manage by:

- a. Treatment of all vineyard plantings with Isomate GRB.
 - b. Removal of wild vines from external sources.
 - c. Treatment of pheromone treated vineyards with a federally registered and approved insecticide.
 - d. Cultural practices aimed to reduce grape root borer infestation.
- Area-wide application is most effective. Supplementary applications of insecticide are advised when Isomate GRB is used in vineyards or plantings with high pest populations or adjacent to adjacent, non-mating disrupted vineyards with high pest populations. All pests must be monitored so that timely intervention with insecticides is possible.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage Store in original unopened package in a dry location at temperatures below 40°F. To prevent contamination with food or feed, store only unopened product packages in cold storage facilities that are used for food or feed.

Pesticide Disposal Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.

Container Handling Nonrefillable container. Do not reuse or refill this container. Dispose of empty foil packet in the trash.

WARRANTY AND LIMITATION OF DAMAGES

The directions for use of this product are believed to be adequate and must be followed carefully. Pacific Biocontrol Corporation warrants that the product complies with the specifications expressed in this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation makes no other warranties, and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. To the extent consistent with applicable law, Pacific Biocontrol Corporation's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Pacific Biocontrol Corporation shall have no liability for damages (special, consequential or incidental) that result from handling, storage and use of this product, which is not in compliance with the label. Use of this product implies all directions of this label have been read carefully. Read all directions carefully.

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