

535 75-19

11/07/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV - 7 2008

Ms. Kathy Bolan  
Pacific Biocontrol Corporation  
575 Viewridge Drive  
Angwin, CA 94508

Subject: Product Name: Isomate-M 100  
EPA Registration No. 53575-19  
Label Amendment to update ingredient statement, net contents and rate; addition of mandatory and advisory statements; adoption of current container disposal statements; update pesticide storage; maximum rate in dispensers under Directions for Use; updated "Application" under Direction for Use; updated "Note" under Directions for Use; revision warranty statement.  
Application Dated: September 3, 2008

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 three (3) 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(b). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions contact Andrew Bryceland at 703-305-6928 or by email at: [bryceland.andrew@epa.gov](mailto:bryceland.andrew@epa.gov). A stamped copy of the label is enclosed for your records.

Sincerely,

Linda A. Hollis, Chief  
Biochemical Pesticides Branch

Biochemical Pesticides and Pollution

Prevention Division (751P)

|         |           |           |  |  |  |  |
|---------|-----------|-----------|--|--|--|--|
| SYMBOL  | Enclosure | 751P      |  |  |  |  |
| SURNAME |           | Bryceland |  |  |  |  |
| DATE    |           | 10/27/08  |  |  |  |  |

ACCEPTED

LOT # \_\_\_\_\_

NOV - 7 2008

BIOCONTROL

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under



EPA Reg. No. 53575-19 **ISOMATE®-M 100**

A MATING DISRUPTION FORMULATION FOR ORIENTAL FRUIT MOTH (*Grapholita molesta*), MACADAMIA NUT BORER (*Cryptophlebia ombrodelta*), KOA SEEDWORM (*Cryptophlebia illepidia*)

**ACTIVE INGREDIENTS:**

Z-8-Dodecen-1-yl Acetate.....88.54 %  
E-8-Dodecen-1-yl Acetate.....5.68 %  
Z-8-Dodecen-1-ol.....0.99 %

**OTHER INGREDIENTS** .....4.79 %

**TOTAL** .....100.00 %

232.13 mg active ingredients per dispenser

**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**   ▪ Remove contaminated clothing.  
**OR**            ▪ Immediately rinse skin for 15-20 minutes using plenty of water.  
**CLOTHING:**   ▪ 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. For emergency information on this product, call the **National Pesticides Information Center** at 1-800-858-7878, 6:30AM to 4:30PM Pacific time (PT), seven days a week. During other times, 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 (330) 571-2247 or 1-800-999-8805

MADE IN JAPAN.  
EPA Est. No: 47265-JP-01  
EPA Reg. No: 53575-19

**NET CONTENTS:** 400 Dispenser Units  
One dispenser contains 0.0094 fl oz or 243.79 mg  
Total content of package: 3.75 fl oz or 97.52 gm

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-M 100 be applied as directed.**

|   |   |
|---|---|
| <b>Crops</b>  | Peaches, nectarines, apricots, plums, cherries and other stone fruits; apples, pears, quince and other pome fruits; almond, macadamia and other tree nut crops.   |
| <b>Target Pests</b>   | Oriental fruit moth ( <i>Grapholita molesta</i> ), macadamia nut borer ( <i>Cryptophlebia ombrodelta</i> ), koa seedworm ( <i>Cryptophlebia illepidia</i> ).  |
| <b>Rate</b>   | 100-150 dispensers per acre or 250-375 dispensers per hectare (0.89-1.34 fl oz or 23.21-34.82 gm a.i. per application). Do not exceed 150 grams (or 647 dispensers) a.i. per acre per year.   |
| <b>Application</b>  | Place dispensers securely to lateral branches as high as can be reached in tree canopy. Apply dispensers uniformly in the treated area. Dispensers twisted too tightly may girdle branches.   |
| <b>Timing</b>   | Apply prior to moth emergence in the spring. In crops with long field seasons, a second application can provide better control. If subsequent applications are required, apply prior to the start of subsequent flights. Consult your local pest control advisor or Pacific Biocontrol representative for proper timing or estimated formulation longevity in your area.  |
| <b>Note</b>   | Isomate-M 100 suppresses mating of target pests. Immigration of mated female moths of these species from adjacent external sources of infestation will reduce the level of control. Manage by:<br>a. Treatment of external sources of infestation with Isomate-M 100.<br>b. Treatment of external sources of infestation with an effective insecticide.<br>c. Treatment of pheromone treated orchard with insecticide.<br>Areawide application is most effective. Supplementary applications of insecticide are advised when Isomate-M 100 is used in orchards with high pest populations. All pests must be monitored so that timely intervention with insecticides is possible. |
| <b>STORAGE AND DISPOSAL</b>   |   |
| <b>Do not contaminate water, food or feed by storage or disposal.</b> |   |
| <b>Pesticide Storage</b>  | Store in original unopened package in a dry location at temperatures below 40°F. Do not store in cold facilities used for food.   |
| <b>Pesticide Disposal</b>   | Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.  |
| <b>Container Disposal</b>   | Nonrefillable container. Do not reuse or refill this container. Dispose of empty foil packet in the trash.  |

**WARRANTY AND LIMITATION OF DAMAGES**

All statements concerning the use of this product apply only when used as directed. 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.

Handwritten initials or mark.