

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 12 1989

214996 / 300  
17 / 1

Mr. John W. Kennedy  
Consultant to Biocontrol, Ltd.  
John W. Kennedy Consultants, Inc.  
American Building, Suite 406  
Laurel, MD 20707

Dear Mr. Kennedy:

Subject: Isomate-M (Pheromone Dispenser)  
EPA Registration No. 53575-1

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/r-registration of your product under FIFRA section 3(d)(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.

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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

52306:I;CR-43:Nelson:C.Disk:KENCO:6/2/89:AS:VO:EK:AS

CONCURRENCES

| SYMBOL | SURNAME | DATE |  |  |  |  |  |
|--------|---------|------|--|--|--|--|--|
|        |         |      |  |  |  |  |  |
|        |         |      |  |  |  |  |  |
|        |         |      |  |  |  |  |  |

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 12 1989

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

53575-1

# BIOCONTROL



## ISOMATE\* — M PHEROMONE

| ACTIVE INGREDIENTS:   | %     | CONTENTS                                 |
|-----------------------|-------|--|
| Z-8-dodecenyl acetate | 92.0  | 400 Dispenser Units                      |
| E-8-dodecenyl acetate | 5.3   | One dispenser contains 0.0028 fl oz a.i. |
| Z-8-dodecenol         | 0.8   | or 75 mg. a.i.                           |
| Inert Ingredients     | 1.9   | Total content of package 1.12 fl oz a.i. |
| Total                 | 100.0 | or 30 gm. a.i.                           |

Keep out of reach of children  
**CAUTION**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**  
Avoid contact with eyes. In case of eye contact immediately flush with water. Get medical attention if irritation persists. Wash hands with soap and water.

**ENVIRONMENTAL HAZARDS**

Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit.  
For guidance contact your regional office of the Environmental Protection Agency.

BIOCONTROL LIMITED  
719 Second Street, Suite 12  
Davis, California 95616, U.S.A.  
Telephone (916) 757-2307

BIOCONTROL LIMITED  
124 McEvoy Street  
Warwick, Qld. 4370, AUSTRALIA

EPA Est No: 47265-JP-01  
EPA Reg. No: 53575-1

\*ISOMATE is a registered Trade Mark of Biocontrol Ltd

ISOMATE — M PHEROMONE labels for U.S.A.  
Dimensions: 124mm wide X 207mm high.

## STORAGE AND DISPOSAL

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

|                           |   |
|---------------------------|---|
| <b>Storage</b>            | Store at temperatures below 40° F in a dry location.  |
| <b>Pesticide Disposal</b> | Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State and local procedures       |
| <b>Container Disposal</b> | Dispose of dispensers in sanitary landfill or incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. |
| <b>General</b>            | Consult Federal, State or local disposal authorities for approved alternative procedures.   |

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELLING

It is *critical* that ISOMATE—M be applied as directed.

|                       |  |
|-----------------------|--|
| <b>1. Crop</b>        | Peaches, Almonds, Apricots, Plums, Apples, Quince, Macadamia.  |
| <b>2. Pest</b>        | Oriental Fruit Moth ( <i>Grapholita molesta</i> ), Macadamia Nut Borer ( <i>Cryptophlebia ombrodelta</i> ), Koa Seed Worm ( <i>Cryptophlebia itepida</i> ).  |
| <b>3. Rate</b>        | 400 dispensers/acre or 1000 dispensers/hectare   |
| <b>4. Application</b> | Attach dispensers securely to lateral branches, in upper third of tree canopy. Can be applied efficiently from moving trailer.   |
| <b>5. Timing</b>      | i. First application prior to moth emergence in Spring<br>See farm advisor for local emergence date<br>ii. Additional applications at 90 day intervals as needed   |
| <b>6. Precautions</b> | Where ISOMATE—M is used in orchards adjacent to untreated trees or sprayed orchards that can serve as sources of mated female moths, a potential exists for fruit damage from immigrating females. It is advisable to treat whole orchard units as all conventionally sprayed orchards serve as sources of some mated females. Tests in single rows or small corners of a conventionally sprayed orchard must be avoided. Other pests need to be carefully monitored so timely control measures can be taken if necessary. |

### IMPORTANT NOTICE

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under normal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.