

BIOCONTROL



# ISOMATE®-M ROSSO

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

**ACTIVE INGREDIENTS:**

Z-8-Dodecan-1-yl Acetate .....	88.5 %
E-8-Dodecan-1-yl Acetate .....	5.7 %
Z-8-Dodecan-1-ol .....	1.0 %
<b>OTHER INGREDIENTS</b> .....	<b>4.8 %</b>
<b>TOTAL</b> .....	<b>100.0 %</b>

250.2 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 or using tobacco.

### FIRST AID STATEMENT

- IF ON SKIN OR CLOTHING:**
  - Remove contaminated clothing.
  - Immediately rinse skin with plenty of water for 15-20 minutes.
  - Contact a poison control center or doctor for treatment advice.
- IF IN EYES:**
  - Immediately hold eye open, slowly and gently rinse with water for 15-20 minutes. If wearing contact lenses, rinse eye for 5 minutes, remove, and 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 may also contact 1-800-999-8805 for further questions.

### ENVIRONMENTAL HAZARDS

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

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Telephone (360) 571-2247 or 1-800-999-8805

MADE IN JAPAN  
EPA Est. No: 47285-JP-01  
EPA Reg. No: 53575-26

**NET CONTENTS:** 400 Dispenser Units  
One dispenser contains 0.01 fl oz or 284.3 mg  
Total content of package: 4.08 fl oz or 105.7 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 ROSSO is 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 Pest:</b>	Oriental fruit moth ( <i>Grapholitha molesta</i> ), macadamia nut borer ( <i>Cryptophlebia ombrodelta</i> ), koa seedworm ( <i>Cryptophlebia illepidia</i> ).
<b>Rate</b>	Minimum of 100 dispensers per acre (0.96 fl oz or 25.0 gm a.i. per application). Maximum of 200 dispensers per acre (1.92 fl oz or 50.0 gm a.i. per application). Apply maximum rate of dispensers in orchards that are medium to high-risk, such as moderate to heavily infested orchards, or any orchard adjacent to an untreated orchard. Do not exceed 150 gm a.i. (or 600 dispensers) per acre per year.

<b>Application</b>	Place dispensers in lateral branches in upper third of tree canopy.
<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 representatives for proper timing or estimated dispenser longevity in your area.

**Note** Isomate-M Rosso suppresses mating of target pests. Immigration of mated female moths of these species from adjacent orchards will reduce the level of control. Manage by:

- a. Treatment of external sources of infestation with Isomate-M Rosso.
- b. Treatment of external sources of infestation with an effective insecticide.
- c. Treatment of pheromone treated orchard with insecticide.

Area-wide application is most effective. Supplementary applications of insecticide are advised when Isomate-M Rosso is used in orchards 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.**

<b>Pesticide Storage</b>	Store in original unopened package in a dry location at temperatures below 40°F. Only unopened or unbroken dispenser packages may be stored in cold storage facilities used for food storage. Care must be taken to avoid contamination of food or feed items.
<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>	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. The Manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions carefully.

**ACCEPTED**

OCT 27 2004

Under the Federal Insecticides, Fungicides, and Rodenticides Act, as amended, for the pesticide registered under EPA Reg. No. 53575-26.

53575-26

10/27/2004

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