

BIOCONTROL



# ISOMATE®-M ROSSO

A MATING DISRUPTION FORMULATION FOR ORIENTAL FRUIT MOTH (*Grapholita molesta*), MACADAMIA NUT BORER (*Cryptophlebia ombrodelta*), Koa Seedworm (*Cryptophlebia illepipa*)

<b>ACTIVE INGREDIENTS:</b>	
Z-8-Dodecen-1-yl Acetate .....	88.54%
E-8-Dodecen-1-yl Acetate .....	5.68%
Z-8-Dodecen-1-ol .....	.99%
<b>OTHER INGREDIENTS .....</b>	<b>4.79%</b>
<b>TOTAL .....</b>	<b>100.0%</b>
250.17 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 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**  
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MADE IN JAPAN  
EPA Est. No: 47265-JP-01  
EPA Reg. No: 53575-26

**NET CONTENTS:** 400 Dispensers Units  
One dispenser contains 0.01 fl oz or 264.30 mg  
Total content of package: 4.06 fl oz or 105.72 gm

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<b>DIRECTIONS FOR USE</b> IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. It is <b>CRITICAL</b> that <b>ISOMATE-M ROSSO</b> 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 Pests</b>	Oriental fruit moth ( <i>Grapholita molesta</i> ), macadamia nut borer ( <i>Cryptophlebia ombrodelta</i> ), koa seed worm ( <i>Cryptophlebia illepipa</i> ).
<b>Rate</b>	Minimum of 100 dispensers per acre (0.96 fl oz or 25.02 gm a.i. per application). Maximum of 200 dispensers per acre (1.92 fl oz or 50.03 g 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 100 g a.i. (or 600 dispensers) per acre per year.
<b>Application</b>	Place dispensers in lateral branches in upper third of tree canopy. Apply dispensers uniformly in the treated area.
<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 dispenser longevity in your area.
<b>Note</b>	Isomate-M Rosso 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: a. Treatment of external sources of infestation with Isomate-M Rosso. b. Treatment of external sources of infestation with an effective pesticide. c. Treatment of pheromone treated orchard with insecticide. Areawide 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.
<b>STORAGE AND DISPOSAL</b> 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. 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.
<b>WARRANTY AND LIMITATION OF DAMAGES</b> 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.	