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ISOMATE®-M ROSSO

ORIENTAL FRUIT MOTH PHEROMONE BEHAVIORAL MATING DISRUPTION

FOR USE ON PEACHES, NECTARINES, APRICOTS, APPLES AND PEARS
AGRICULTURAL

READ THE LABEL BEFORE USING

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

REGISTRATION NO. 27339 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 400 dispenser units per package (each dispenser contains 264.3 mg of pheromone;
total content of package is 105.7 grams of pheromone)

PACIFIC BIOCONTROL CORPORATION

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DIRECTIONS FOR USE

IT IS CRITICAL THAT ISOMATE®-M ROSSO BE APPLIED AS DIRECTED.

Growers using this product must maintain careful records of damage within their orchard. Thorough sanitation programs consisting of removing and destroying infested fruit from trees and the ground are important. Careful monitoring of adult populations is essential since the use of ISOMATE®-M ROSSO is dramatically different from traditional broad-spectrum insecticides registered for oriental fruit moth control. Designing successful programs with ISOMATE®-M ROSSO depends on ongoing discussion with IPM specialists, extension horticulturists and company representatives.

CROP: Peach, nectarine, apricot, apple and pear.

PEST: Oriental fruit moth (*Grapholita molesta*).

RATE: 500 dispensers per hectare (200 dispensers per acre).

APPLICATION: Attach dispensers securely to lateral branches in upper third of tree canopy, preferably 0.7-1 metre below treetop. Dispensers twisted too tightly might girdle branches. Can be applied efficiently from a moving trailer or with a pole applicator.

TIMING: Apply prior to moth emergence in the spring. Dispensers release pheromone for up to 120 days depending on temperature. In crops with long field seasons (i.e. more than 120 days), a second application is recommended. If subsequent applications are required, apply prior to the start of subsequent flights. In crops, which are late season hosts of oriental fruit moth, such as pears, ISOMATE®-M ROSSO will not prevent crop damage resulting from immigration of mated female moths. Treatment of these crops with pheromone is recommended when they are within or nearby blocks treated with ISOMATE®-M ROSSO. Consult your local extension specialist or certified crop advisors for proper timing.

NOTE: ISOMATE®-M ROSSO reduces mating of oriental fruit moth. However, if a major source of mated female moths of this species is present adjacent to the treated field, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be unsprayed host species within 300 metres of treated field. This can be overcome by:

- Treatment of entire blocks and not just sections of large conventionally treated fields, which frequently serve as sources of mated females.
- Treatment of infestation sources with ISOMATE®-M ROSSO (e.g. a strip at least 50 metres wide nearest the treated field).
- Treatment of infestation source with an effective insecticide.
- Treatment of 4 to 6 rows along border of pheromone treated orchard with insecticide.

Supplementary applications of insecticide are advised when ISOMATE®-M ROSSO is used to control high populations of oriental fruit moth. All pests must be monitored so that timely intervention with conventional insecticides is possible.

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Do not open foil envelopes until ready to use. Avoid inhalation of vapors or contact with liquid ingredients. Harmful if swallowed. Avoid contact with skin, eyes or clothing. When handling dispensers wear chemical resistant gloves and eye protection. Wash hands with soap and water after use.

Do not contaminate irrigation water, lakes, streams or ponds by disposal of waste.

FIRST AID:

IF ON SKIN: Wash with soap and water.

IN CASE OF EYE IRRITATION: IMMEDIATELY flush with water. Get medical attention if irritation persists.

IF INGESTED: Contact a Poison Control Center or seek medical attention **IMMEDIATELY**.

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal of unused or used dispensers.

Do not dispose of new or unused dispensers in or near streams or bodies of water.

STORAGE: Store unopened packages at temperature below 4°C in a dry location.

PRODUCT DISPOSAL: Unused material that cannot be used according to label instructions must be disposed of according to provincial requirements.

CONTAINER DISPOSAL: Dispose of empty dispensers and foil envelopes in accordance with provincial requirements.

GENERAL: For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean up of spills.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.