

BIOCONTROL



FEB 01 2000

53575-19

ISOMATE*-M 100

ACTIVE INGREDIENTS:

Z-8-Dodecenyl Acetate.....88.5 %
 E-8-Dodecenyl Acetate.....5.7 %
 Z-8-Dodecenol.....1.0 %

INERT INGREDIENTS.....4.8 %

TOTAL.....100.0 %

Keep out of reach of children
CAUTION

STATEMENT OF PRACTICAL TREATMENT:

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

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

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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 243.8 mg
Total content of package: 3.75 fl oz or 97.5 gm

*ISOMATE is a registered Trademark of Biocontrol Limited

STORAGE AND DISPOSAL

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

- Pesticide Storage** Store in original unopened package at temperatures below 40°F in a dry location. Product may be stored in cold storage facilities used for food storage.
- Pesticide Disposal** Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State and local government procedures. Contact the State pesticide or EPA Hazardous Waste representative at nearest EPA regional office.
- Container Disposal** Dispose of dispensers in sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Foil envelopes can be disposed of as household refuse.

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 100 is applied as directed.

- Crop** Peach, nectarine, almond, apricot, plum, apple, quince and macadamia.
- Pest** Oriental fruit moth (*Grapholita molesta*), macadamia nut borer (*Cryptophlebia ombrodelta*), koa seed worm (*Cryptophlebia illepidata*).
- Rate** 100-150 dispensers per acre or 250-375 dispensers per hectare (0.9 fl oz or 23.4 gm a.i. per application).
- Application** Apply dispensers in at least upper third of tree, preferably within 2-3 feet of treetop. Apply dispensers within canopy and on branches to maximize shade protection. Apply dispensers securely on lateral branches. Dispensers twisted too tightly may girdle branches. Can be applied efficiently from moving trailer or with a pole applicator.
- Timing** Apply prior to moth emergence in the spring. Dispensers release pheromone for up to 90 days. In crops with long field seasons or in orchards with high pest populations, a second application is recommended. If subsequent applications are required, apply prior to the start of subsequent flights.
- Precautions** Isomate-M 100 suppresses orient fruit moth from mating. However, if a major source of mated female moths of these 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 peach, nectarine, almond, apricot, plum, apple, quince and macadamia trees or other host species within 300 yards of the treated field. This can be overcome by:
 - Treatment of **entire blocks** and not just sections of large conventionally treated fields that frequently serve as sources of mated females.
 - Treatment of infestation sources with Isomate-M 100 (e.g. a strip at least 50 yards wide nearest the treated field).
 - Treatment of infestation source with an effective insecticide.
 - Treatment of 4-6 rows along border of pheromone treated orchard with insecticide.
 Other pests must be monitored on a regular schedule so that timely intervention with conventional insecticides is possible.

WARRANTY AND LIMITATION OF DAMAGES

All statements concerning the use of this product apply only when used as directed. The Manufacturer makes no warranty, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions carefully.

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