

ACCEPTED

AUG 18 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **53575-20**

BIOCONTROL



ISOMATE®-CMLR PHEROMONE

ACTIVE INGREDIENTS:

Z-11-Tetradecen-1-yl Acetate.....	45.8 %
(E, E)-8, 10-Dodecadien-1-ol.....	39.2 %
Dodecanol.....	6.6 %
Tetradecanol.....	1.0 %
OTHER INGREDIENTS.....	7.4 %
TOTAL.....	100.0 %

244 mg active ingredients per dispenser

Keep out of reach of children
CAUTION

FIRST AID

- If on Skin or Clothing**
- Take off contaminated clothing.
 - Rinse skin immediately with plenty of water for 15-20 minutes.
 - Call a poison control center or doctor for treatment advice.
- If in Eyes**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-999-8805 for further questions.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes moderate 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.

PACIFIC BIOCONTROL CORPORATION

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

MADE IN JAPAN
EPA Est. No: 47265-JP-01
EPA Reg. No: 53575-20

NET CONTENTS: 400 Dispenser Units
One dispenser contains 0.01 fl oz or 263.5 mg
Total content of package: 4.16 fl oz or 105.4 gm

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation.

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** Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility.
- 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 labeling.

It is critical that ISOMATE-CMLR is applied as directed.

- 1. Crop** Apple and pear.
- 2. Pest** Codling moth (*Cydia pomonella*), obliquebanded leafroller (*Choristoneura rosaceana*), pandemis leafroller (*Pandemis pyrusana*).
- 3. Rate** 400 dispensers per acre or 1000 dispensers per hectare (3.85 fl oz or 97.6 gm a.i. per application). Apply double rate of dispensers to edges of orchard. Do not exceed 150 gm a.i. per acre per year.
- 4. Application** Apply dispensers securely to lateral branches in upper third of tree canopy, preferably within 2-3 feet of treetop. Dispensers twisted too tightly may girdle branches. Can be applied efficiently from a moving trailer or with a pole applicator.
- 5. Timing** Apply prior to codling moth emergence in the spring. Dispensers release pheromone for up to 100-120 days depending on temperature. In crops with long field seasons (i.e. more than 100 days), a second application is recommended. If subsequent applications are required, apply prior to the start of subsequent flights. Consult a local pest control advisor for proper timing.
- 6. Note** Isomate-CMLR suppresses codling moth and leafroller 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 apple, pear, peach, apricot, plum, and cherry trees or other host species within 300 yards of the treated field. This can be overcome by:
 - a. Treatment of **entire blocks** and not just sections of large conventionally treated fields that frequently serve as sources of mated females.
 - b. Treatment of infestation sources with Isomate-CMLR (e.g. a strip at least 50 yards wide nearest the treated field).
 - c. Treatment of infestation source with an effective insecticide.
 - d. Treatment of 4-6 rows along border of pheromone treated orchard with insecticide.
 Supplementary applications of insecticide are advised when Isomate-CMLR is used to control high populations of codling moth or leafroller moth. All 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 warranties, 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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8/18/2002

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