

BIOCONTROL



ACCEPTED

JAN 10 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act. Recommended for the pesticide use and under EPA Reg. No. 53575-22

# ISOMATE\*-OBLR/PLR

**ACTIVE INGREDIENTS:**

Z-11-Tetradecanoyl acetate ..... 92.7%

**OTHER INGREDIENTS** ..... 7.3%

**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 irritation persists.  
**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.

PACIFIC BIOCONTROL CORPORATION

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MADE IN JAPAN

EPA Est. No: 47255-JP-01  
EPA Reg. No: 53575-22

**NET CONTENTS:**

400 Dispenser Units

One dispenser contains 0.003 fl oz or 83 mg

Total content of package: 1.3 fl oz or 33 gm

\*ISOMATE is a registered Trademark of Biocontrol Lim.

## 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. 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.

**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 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-OBLR/PLR be applied as directed.

- Crop** Apple and pear
- Pest** Oblique banded leafroller (*Choristoneura rosaceana*) and pandemis leafroller (*Pandemis pyrusana*).
- Rate** 400 dispensers per acre or 1000 dispensers per hectare (1.3 fl oz or 33 gm a.i. per acre). Apply double rate of dispensers to edges of orchard. Do not exceed 150 gm a.i. per acre per year.
- 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 leafroller emergence in the spring. Dispensers release pheromone for 80 days. In crops with long field seasons (i.e. more than 80 days) 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-OBLR/PLR suppresses the oblique banded and pandemis leafroller moths 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, prune and cherry trees or other wild plant host species within 300 yards of the treated field. This can be reduced 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-OBLR/PLR (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.

## 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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