

BIOCONTROL



ISOMATE®-GBM PLUS

A MATING DISRUPTION FORMULATION FOR GRAPE BERRY MOTH (*Endopiza viteana*)

ACTIVE INGREDIENTS:

Z-9-Dodecen-1-yl Acetate 91.07%

OTHER INGREDIENTS 8.93%

TOTAL 100.00%

221.51 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. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Causes moderate eye irritation. After handling, wash thoroughly with soap and water before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID STATEMENT

If on Skin or Clothing * Remove contaminated clothing.
* Immediately rinse skin for 15-20 minutes using plenty of water.
* Contact a poison control center or doctor for treatment advice.

If in Eyes * Immediately 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, and 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. You may also contact Pacific Biocontrol at 1-800-999-8805 for additional information.

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.

PACIFIC BIOCONTROL CORPORATION

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MADE IN JAPAN

EPA Est. No: 47265-JP-01

EPA Reg. No: 53575-27

NET CONTENTS: 400 Dispensers Units

One dispenser contains 0.009 fl oz or 243.2 mg

Total content of package: 4.66 fl oz or 97.3 gm

ISOMATE® is a registered Trademark of Pacific Biocontrol Corporation

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-GBM PLUS is applied as directed.

Crops	Grapes.
Target Pests	Grape Berry Moth (<i>Endopiza viteana</i>).
Rate	Minimum of 200 dispensers per acre (1.7 fl oz or 44.3 gm a.i. per acre). Maximum of 400 dispensers per acre (3.4 fl oz or 88.6 gm a.i. per acre). 400 dispensers per acre must be applied to high-risk vineyards, i.e. any vineyard adjacent to unsprayed vineyards or wild grapes within 300 yards to the treated field. Do not exceed 150 gm a.i. per acre per year.
Application	Attach dispensers onto upper training wire of vines. Additional applications are to be based on field scouting for the target pest.
Timing	Apply prior to moth emergence in spring. Dispensers release pheromone for up to 150 days, depending on temperature. Consult your local pest control advisor for proper timing.
Note	Isomate-GBM Plus suppresses mating of grape berry 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 yards of the treated field. This can be reduced 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-GBM Plus (i.e., 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 field with insecticide. Or a combination of the above. Supplementary applications of insecticide are advised when Isomate-GBM Plus is used to control high populations of grape berry moths. All pests must be monitored so that timely intervention with insecticides is possible.
STORAGE AND DISPOSAL	
Do not contaminate water, food, or feed by storage or disposal.	
Pesticide Storage	Store in original unopened package in a dry location at temperatures below 40°F. 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	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.

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.

Revision Date: December 2004