

08-FEB-2010
2009-3311

**ISOMATE®-GBM PLUS
GRAPE BERRY MOTH PHEROMONE
BEHAVIORAL MATING DISRUPTION
FOR USE ON GRAPES
AGRICULTURAL**

GUARANTEE: Z-9-Dodecen-1-yl acetate 91.07%

REGISTRATION NO. 27525 PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

NET CONTENTS: 400 dispenser units per package (Each dispenser contains 243.8 mg of pheromone; Total content of package is 97.5 grams of pheromone)

PACIFIC BIOCONTROL CORPORATION

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DIRECTIONS FOR USE

*IT IS CRITICAL THAT ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE
BE APPLIED AS DIRECTED.*

Growers using this product must maintain careful records of damage within their vineyard. Careful monitoring of adult populations is essential since the use of ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE is dramatically different from traditional broad-spectrum insecticides registered for Grape Berry Moth control. Designing successful programs with ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE depends on ongoing discussion with IPM specialists, extension horticulturists and company representatives.

CROP: Grape.

PEST: Grape Berry Moth (*Endopiza viteana*).

RATE: 500-1000 dispensers per hectare (200-400 dispensers per acre). 1000 dispensers per hectare must be applied to high-risk vineyards, i.e. any vineyard adjacent to unsprayed vineyards or within 300 metres of wild grapes.

APPLICATION: Attach dispensers onto upper training wire of vines. One application per season should be sufficient. Applicator should wear gloves on hands when making application.

TIMING: Apply prior to moth emergence in the spring. Dispensers release pheromone for up to 150 days, depending on temperature. Consult your local extension specialist or certified crop advisors for proper timing.

NOTE: ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE reduces mating of Grape Berry Moth. However, if a major source of mated female moths of this species is present adjacent to the treated vineyard, migration of these moths may significantly reduce the level of control achieved. Sources are likely to be unsprayed vineyards or wild grape vines within 300 metres of the treated area. This can be overcome by:

- Treatment of entire blocks and not just sections of large conventionally treated vineyards, which frequently serve as sources of mated females.
- Treatment of infestation sources with ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE.
- Treatment of edges of pheromone-treated vineyard with timely insecticide applications.

Supplementary applications of insecticide are advised when ISOMATE-GBM PLUS GRAPE BERRY MOTH PHEROMONE is used to control high populations of Grape Berry 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. When handling dispensers, wear chemical-resistant gloves and eye protection. May cause skin sensitization. Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling and before eating and drinking and smoking. Remove contaminated clothing and wash before re-use. Do not contaminate irrigation water, lakes, streams or ponds by disposal of waste.

FIRST AID:

IF ON SKIN/CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water.

IF IN EYES: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, then continue rinsing eye.

GENERAL: Seek medical attention immediately if irritation occurs and persists or is severe. 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 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 package 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 in accordance with 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.

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