

29-OCT-2001

**ISOMATE® - GBM  
GRAPE BERRY MOTH  
PHEROMONE**

BEHAVIOURAL MATING DISRUPTION  
FOR USE ON GRAPES

AGRICULTURAL

GUARANTEE:

9-Dodecenyl Acetate	75.2%
11-Tetradecenyl	8.0%

REGISTRATION NO. 25147

PEST CONTROL PRODUCTS ACT

**READ THE LABEL BEFORE USING**

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS:

500 dispenser units per package (each dispenser contains 81 mg of pheromone; total content of package is 40.5 grams of pheromone)

PACIFIC BIOCONTROL CORPORATION  
16010 NE 36<sup>th</sup> Avenue  
Ridgefield, Washington 98642 U.S.A.  
Telephone: 360-574-9726

**NOTICE TO USER:**

This control product is to be used only in accordance with the directions on the label. It is an offense under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

**NOTICE TO BUYER:**

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

**DIRECTIONS FOR USE**

IT IS CRITICAL THAT ISOMATE - GBM BE APPLIED AS DIRECTED.

Growers using this product must maintain careful records of damage within their vineyards. Careful monitoring of adult populations is essential since the use of ISOMATE-GBM is dramatically different from traditional broad-spectrum insecticides registered for grape berry moth control. Designing successful program with ISOMATE - GBM depends on ongoing discussion with IPM specialists, extension horticulturists and company representatives.

\*ISOMATE® is a Registered Trademark of Pacific Biocontrol Corporation.

1. CROP	Grape
2. PEST	Grape Berry Moth (Endopiza viteana)
3. RATE	625 to 1000 dispensers per hectare (250 to 400 dispensers per acre). 1000 dispensers per hectare must be applied to high-risk vineyards, i.e, any vineyards adjacent to unsprayed vineyards or wild grapes within 300 m to the treated field.
4. APPLICATION	Attach the dispensers onto upper training wire of vines. One application per season is sufficient. Applicator should wear gloves on hands when making application.
5. TIMING	Apply prior to moth emergence in the spring.

<p>6. PRECAUTIONS</p>	<p>Isomate-GBM prevents Grape Berry Moth from mating. However, if a major source of mated female moths of this species is present adjacent to the field, 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 m of the treated field. This can be overcome by:</p> <ol style="list-style-type: none"> <li>a. Treatment of entire blocks and not just sections of large conventionally treated fields which frequently serve as sources of mated females.</li> <li>b. Treatment of infestations sources with Isomate-GBM.</li> <li>c. Treatment of infestation source with an effective insecticide.</li> <li>d. Treatment of edges of field with timely insecticide applications.</li> </ol> <p>Other pest must be monitored so that timely intervention with conventional insecticides is possible.</p>
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**PRECAUTIONS:** Do not open foil envelopes until ready to use. Avoid contact with eyes. When handling dispensers use suitable protective clothing including safety glasses and gloves. Wash hands with soap and water after use.

Do not contaminate irrigation water, lakes, streams or ponds by disposal of waste.

**FIRST AID:** If on skin, wash with soap and water. In case of

eye irritation, immediately flush with water. Get medical attention if irritation persists.

#### 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 in accordance with Provincial requirements. Foil envelopes can be disposed of in household refuse.

GENERAL: For further information on disposal of unused material or empty dispensers contact the provincial regulatory agency or the manufacturer.

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