

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION

DATE OF ISSUANCE

50675-9

TERM OF ISSUANCE

Conditional Registration

NAME OF PESTICIDE PRODUCT

GBM-ROPE (GRAPE BERRY MOTH PHEROMONE)

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

MITSUBISHI INTERNATIONAL CORPORATION  
520 MADISON AVENUE  
NEW YORK, NEW YORK 10022

130 / 263037  
18 / 1

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA Sec. 5(c) (1) and the conditional registration requirements as set forth in 40 CFR 15.113(b)(1), since you have agreed to the conditions listed below in your letter of May 14, 1990:

- a. To submit the data required by May 30, 1991, from studies conducted in accordance with the Good Laboratory Practice Standards, Part 60 of Title 40 of the Code of Federal Regulations.
- b. You must submit to the Agency all required studies before May 30, 1991, and agree to the cancellation of this registration on November 30, 1990.

You must submit the data listed below, conducted in accordance with the test guidelines as indicated:

TOXICOLOGY-DATA:

GUIDELINE REFERENCE NO'S

a. Mutagenicity assay (repeat)

Section 152-17

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

See 4.2 & 3

DATE

7/4/90

ECOLOGICAL EFFECTS DATA:

- a. Avian Acute Oral for one species, §154-6  
preferably bobwhite quail
- b. Avian Dietary LC<sub>50</sub> for one species, §154-7  
preferably bobwhite quail
- c. Freshwater Fish LC<sub>50</sub> for one species, §154-R  
preferably rainbow trout
- d. Freshwater Invertebrate LC<sub>50</sub> for one species, 154-9  
preferably Daphnia Magna
- e. Non-target Insect Testing (Lepidoptera related to endangered  
species, beneficial predators and honey bees).

ADMINISTRATIVE COMMENTS

2. If necessary, you will submit/cite all data for registration/  
reregistration of your product information (pound or gallons  
produced) for this product for the fiscal year in which the  
product is conditionally registered, in accordance with FIFRA  
section 29. The fiscal year begins October 1 ends September 30.  
The production information will be submitted to the Agency no  
later than November 15, following the end of the preceding fiscal  
year.

This information should be submitted to:

U.S. Environmental Protection Agency  
Registration Support and Emergency Response  
Branch  
Registration Division (H7505C)  
Crystal Mall #2, Room 716 G  
1921 Jefferson Davis Highway  
Arlington, VA 22202

3. You will make the following label change (a) before you release  
the product for shipment:
  - a. Add the phrase "EPA Registration No. 50675-9".
4. You will submit five (5) copies of your final printed labeling  
before you release the product for shipment. Refer to the A-79  
enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

485

Proposed label for ( Y ROPE (Grapes)

# BIOCONTROL



## GBM - ROPE

ACTIVE INGREDIENTS	%	CONTENTS
9 Dodecenyl Acetate	82.0	100 Dispenser units
11 Tetradecenyl Acetate	8.0	One dispenser contains 0.0027 fl oz ai
Inert Ingredients	<u>10.0</u>	or 69 mg of ai
Total	<u>100.0</u>	Total content of package 1 fl oz ai
		or 27.6 gm ai.

### Keep out of reach of children CAUTION

#### PRECAUTIONARY STATEMENTS. HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

#### CAUTION

Statement of practical treatment:

Avoid contact with eyes. In case of eye contact, immediately flush with water  
Get medical attention if irritation persists. Wash hands with soap and water

#### ENVIRONMENTAL HAZARDS

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 CORP.

Suite 12, 719 2nd St.

Davis Ca. 95616

USA

Telephone (916) 757 2307

Distributors for Mitsubishi Corporation, Tokyo.

BIOCONTROL LTD.

124 McEvoy St.

Warwick, Qld. 4370

Australia

EPA Est. No.: 53575

EPA Reg. No.: 50675-

\*GBM Rope is a Trademark of Shin Etsu Chemical Company Ltd.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 9 1990

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal

Storage	Store unopened package at temperatures below 40 <sup>0</sup> F in a dry location.
Pesticide disposal	Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State and local procedures.
Container Disposal	Dispose of empty dispensers by burning or burying with prunings in winter. If burned, stay out of smoke. Foil envelopes can be disposed of in household refuse.
General	Consult Federal, State or local disposal authorities for approved alternative procedures.

### 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 **GBM ROPE** BE APPLIED AS DIRECTED.

1. Crop/Pest	Grape vines/Grape Berry Moth ( <i>Endopiza viteana</i> )
2. Rate	200 - 400 dispensers per acre depending on infestation level or 1000 dispensers per hectare.
3. Application	Attach the dispensers onto upper stems of the vines.
4. Timing	Apply prior to moth emergence in spring.
5. Precautions	GBM ROPE 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 species within 300 yards of the treated field.

This can potentially be overcome by :

- a. Treatment of entire blocks and not just sections of large conventionally treated fields which frequently serve as sources of mated females.
- b. Treatment of infestation sources with GBM ROPE
- c. Treatment of infestation source with an effective insecticide.

Other pests must be monitored so that timely intervention with conventional insecticides is possible.

### WARRANTY AND LIMITATION OF DAMAGES.

Seller warrants that this product conforms to the chemical description and guaranteed limits of active ingredients and makes no other express or implied warranty including any other express or implied warranty of fitness or merchantability of any kind. Sellers maximum liability for breach of this warranty shall not exceed the purchase price of this product. In no event shall seller be liable for indirect or consequential damages. Buyer assumes all risk of use or handling whether in accordance with directions or not.