

79442-4

11-18-2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Biopesticides and Pollution Prevention
Division (7511C)

1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

79442-4

Date of Issuance:

NOV 18 2004

Term of Issuance:

Unconditional

Name of Pesticide Product:

Exosex - GBM

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

for Exosex, Ltd.

Technology Sciences Group, Inc.

Arizona: Regulatory Division

4061 North 156th Drive

Goodyear, AZ 85338

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and /or cite all data required for registration/reregistration of your product under FIFRA Sec.3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec.4.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 79442-4."
3. Submit three(3) copies of the revised final printed label for the record.

Signature of Approving Official:

[Handwritten Signature]

Date:

11/18/04

Janet L. Andersen, Director

CONCURRENCES

SYMBOL

Biopesticides and Pollution Prevention Division

7511C

7511C

SURNAME

EPA Form 8570-6

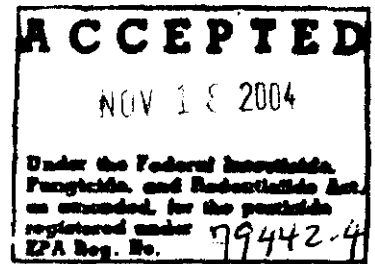
Peterson

Riley

DATE

11/15/04

11/17/04



[Front panel]

EXOSEX -GBM[®]

A novel pheromone product for the suppression of the grape berry moth
(*Endopiza viteana*) on grapes

This package contains: 5 x high impact polystyrene autoconfusion station
5 x grape berry moth autoconfusion tray

AUTOCONFUSION TRAY

[Net Weight: 2.5 g of pheromone impregnated wax powder]

ACTIVE INGREDIENT

Z-9-Dodecen-1-yl acetate

0.083%

Z-11-Tetradecen-1-yl acetate

0.017%

OTHER INGREDIENT

99.900%

Total

100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 79442-U

EPA Establ. No. 79442-GBR-1
Date of manufacture: mm/dd/yyyy

EXOSECT LTD.
2 Venture Road
Chilworth Science Park
Southampton SO16 7NP
United Kingdom

[Back panels]

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust, wear a dust mask, protective eyewear and gloves (appropriate for applying the product). Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, ^{then} give artificial respiration, preferably mouth to mouth if possible.
- Call poison control center or doctor for treatment advice.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call poison control center or doctor for treatment advice.

Have product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment advice between the hours of 9.30 am and 7.30 pm eastern time.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL STATEMENTS

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

STORAGE: Store in unopened package at temperatures below 40°F. Do not open until ready to use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL: Dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of the smoke.

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

Use within six months of manufacture

Check front panel for date of manufacture.

Use experience with this product dictates a minimum treatment area of 7.5 acres

1. CROP: Grapes
2. PEST: Grape berry moth [*Endopiza viteana*]
3. APPLICATION: Deploy Exosex Autoconfusion Stations at the rate of 10 - 12 stations per acre. Place the stations level with the top of the plant. Remove the plastic coverlid of the autoconfusion tray, bring the two wings of the station together, into a "click fit" to form a delta (triangle cross-section) The station is affixed to the vines, trellis or support stake or wires with the provided ties which thread through the holes in the top ridge of the station.
4. TIMING: Deploy the stations prior to the onset of grape berry moth emergence in the spring. The stations are active for an extended period of time, depending on the temperature. Make a second application prior to the emergence of the second moth flight but not later than August 1.
5. NOTES:

If the vineyard borders other vineyards where grape berry moth is not controlled, migration of these moths can reduce the level of control achieved. This may be counteracted by:

 1. treatment of entire blocks of fields and not just sections of conventionally treated areas.
 2. doubling the number of stations along such borders in a strip of 4 - 6 rows of vines.
 3. treatment of the infestation source with conventional insecticide.
 4. monitor the occurrence of grape berry moth in the treated area using weekly pheromone traps catches. If monitoring traps show an extremely high infestation in early spring, consider a pre-application treatment of insecticide. If monitoring traps indicate an extended period of infestation (longer than 8 weeks), replace the Exosex stations, to coincide with subsequent grape berry moth flights or apply a conventional insecticide spray.

WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing, unfavorable temperatures, presence of other materials, weather, watering practices, nature of the soil, disease problem, condition of the crop, pre-existing conditions and other conditions influencing the use of this product are beyond the control of the seller. Buyer assumes all risks associated with the use, storage, or handling of this material not in strict accordance with directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.