

79442-7

09/22/2005

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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:

79442-7

Date of Issuance:

SEP 22 2005

Term of Issuance:

Unconditional

Name of Pesticide Product:

Exosex DBM

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 156<sup>th</sup> 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. 79442-7".
3. Submit two (2) copies of your final printed label for the record, before you release the product for shipment.

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

Signature of Approving Official:

Date:

9/22/05

CONCURRENCES

EPA Form 8570-6  
SYMBOL 7511C

SURNAME DUGGARD

DATE

OFFICIAL FILE COPY

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**ACCEPTED**  
SEP 22 2005  
Under the Federal Insecticides,  
Fungicides, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 79442-7

[FRONT PANEL]

## EXOSEX - DBM

A novel pheromone product for the suppression of diamondback moth  
(*Plutella xylostella*) on cruciferous crops

This package contains: 5 x high impact polystyrene autoconfusion stations  
5 x naval orange worm autoconfusion trays, each with a diamondback moth lure.

### AUTOCONFUSION TRAY

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

#### ACTIVE INGREDIENT:

Z-11-Hexadecen-1-yl acetate [CAS# 34010-21-4] ..... 0.07%

Z-11-Hexadecenal [CAS# 53939-28-9] ..... 0.03%

OTHER INGREDIENTS ..... 99.90%

Total: 100.00%

### SEX PHEROMONE LURE

[Net Weight: 714 mg (1 mg pheromone in a rubber septum)]

#### ACTIVE INGREDIENT:

Z-11-Hexadecen-1-yl acetate [CAS# 34010-21-4] ..... 0.098%

Z-11-Hexadecenal [CAS# 53939-28-9] ..... 0.042%

OTHER INGREDIENTS ..... 99.860%

Total: 100.00%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration Symbol 79442-?

EPA Establish. No. xxxxx-xxx-x  
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 chemical resistant gloves (appropriate for applying the product). Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes and 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 of going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 (between 9:30 am and 7:30 pm eastern time) for emergency treatment advice.

**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**

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

- PESTICIDE 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.

**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: Cabbage, Brussels sprouts, broccoli, cauliflower, Chinese broccoli, Chinese cabbage, flowering white cabbage, head cabbage, mustard cabbage and watercress.
2. PEST: Diamondback moth [*Plutella xylostella*]
3. APPLICATION: Deploy Exosex Autoconfusion Stations at the rate of 10 - 12 stations per acre. Place the stations about 4 - 5 feet above the crop. Remove the plastic coverlid from 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 poles provided and secured with the cap..
4. TIMING: Deploy the stations prior to the onset of diamondback moth emergence. 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 field borders other fields where diamond back moth is not controlled, migration of these moths can reduce the level of suppression achieved. To counteract this effect treat entire blocks not just sections of conventionally treated areas. Double the number of stations along such borders in a strip of 4 - 6 rows of plants. Alternatively treat this strip with insecticide. Monitor the occurrence of diamondback moth in a field using weekly pheromone trap 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 diamondback moth flights.

**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 problems, 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.