

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511P)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
79442-13

Date of Issuance:
JAN 15 2009

Unconditional

Term of Issuance:

Name of Pesticide Product:

EXOSEX APM

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (Include ZIP Code):

Exosex, Ltd.
Leylands Business Park, Colden Common
Winchester, Hants, SO21 1TH, United Kingdom
designated U.S. Representative
Dr. Iain Weatherston
Technologies Sciences Group, Inc.
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 section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 79442-13."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

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

Signature of Approving Official:

Michael McDavit

Date:

1/15/09

CONCURRENCES

Table with columns for SYMBOL, SURNAME, DATE, and handwritten entries: 7511P, Becceland, 1/14/09

ACCEPTED

JAN 15 2009



Exosex APM®

A novel pheromone product for suppression of artichoke plume moth (*Platyptilia carduidactyla*) on globe artichokes.

This box contains 5 sachets each containing 10 Exosex APM trays of pheromone lures

Autoconfusion Tray

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

Active Ingredient

Z-11-Hexadecenal	0.1%
Other Ingredient	99.9%
Total	100.0%

Sex Pheromone Lure

[Net weight: 1.4 g (10mg of pheromone in a wax matrix lure)]

Active Ingredient

Z-11-Hexadecenal	0.714%
Other Ingredient	99.286%
Total	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE NEXT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. EPA Est. No.

EXOSECT LTD
Leylands Business Park
Colden Common, Winchester
Hants, SO21 1TH
United Kingdom

Date of manufacture:

Batch Code:

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under Precautionary Statements
EPA Reg. No. Hazards to Humans and Domestic Animals
79442-13 **CAUTION**

Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear dust mask, protective eyewear and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

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 centre or doctor for treatment advice

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses if present, after 5 minutes, then continue rinsing eye.
- Call poison control centre 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 centre or doctor for treatment advice.
- Have product container or label with you when calling a poison control centre or doctor or going for treatment. For emergency information concerning this product call the National Pesticide Information Centre (NPIC) at 1-800-858-7378 seven days a week, 6.30am to 4.30pm. Pacific Time (NPIC website www.npic.orst.edu)

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

Pesticide Storage	Do not contaminate water, food or feed by storage or disposal Store in unopened package at temperatures below 70°F for up to 6 months from date of manufacture. 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 off in a sanitary landfill or by 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 labelling

Use within 18 months of manufacture
Check front panel for date of manufacture
Use experience with this product dictates a minimum treatment area of 10 acres
This product is for use only with Exosex Stations

- CROP:** Globe artichoke.
- PEST:** Artichoke Plume moth [*Platyptilia carduidactyla*]
- APPLICATION:** Deploy Exosex Stations containing an Exosex APM tray complete with lure at the rate of 10 stations per acre. Place the stations above the expected final canopy fixed to an end-looped L-shaped wire stake.
- TIMING:** Deploy the stations prior to the onset of moth emergence or moth flights in the marketable crop. The Exosex APM trays are active for up to 90 days depending on the temperature. Replace Exosex APM trays at approximately 90 days but prior to emergence of later moth flights.
- DEPLOYMENT:** Exosex Station (packaged separately): The station is affixed horizontally to a stake and placed firmly into the ground. The station will align itself to the prevailing wind direction.
Exosex APM trays: Open foil sachet and remove one of the trays with the lid uppermost. Remove plastic cover lid ensuring that it is the correct way up and slide it into the Exosex Station. To secure the tray position, push up the lower ends of the station so that the tabs at both ends of the tray are secured into the holes in the station.
- NOTES:**
If the field borders another where artichoke plume moth is not controlled, migration of these moths can reduce the level of control achieved. To counteract this effect treat entire fields. Double the number of stations along such borders particularly for small fields. Alternatively treat this strip with insecticide. Monitor the occurrence of moths using weekly pheromone trap catches. If monitoring traps show a high infestation, consider a treatment of insecticide. Mating disruption systems are not designed to control high pest populations as a stand alone treatment, therefore supplementary applications are advised when Exosex APM is used to control high infestation levels. Where high pest levels occurred in the previous cropping season, a clean up insecticide application should be applied.

WARRANTY

To the extent consistent with the applicable law 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. To the extent consistent with applicable law the Buyer assumes all risks associated with the use, storage or handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law no other express or implied warranty of fitness or merchantability is made.

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