



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

55638-25

Date of Issuance:

April 7,  
1994

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

NoMate™ PBW Spiral

Name and Address of Registrant (include ZIP Code):

Ecogen Inc.  
2005 Cabot Boulevard West  
Langhorne, PA 19047

Note: Changes in labeling 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 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 registered in accordance with FIFRA sec. 3(c)(5) provided that you:

I. Submit and/or cite all data required for registration/reregistration of your product for (Z,E)-7,11 hexadecdien-1-yl acetate and (Z,Z)-7,11 hexadecadien-1-yl acetate under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of products containing (Z,E)-7,11 hexadecdien-1-yl acetate and (Z,Z)-7,11 hexadecadien-1-yl acetate to submit the data.

II. Make the following label change:

Revise the EPA Registration Number to read, "EPA Reg. No. 55638-25".

Signature of Approving Official:

See Page 2.

Date:

April 7, 1994

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III. Submit three copies of the revised final printed label for the record.

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.



Phil Hutton  
Product Manager (18)  
Insecticides/Rodenticide Branch  
Registration Division (7505C)  
Office of Pesticide Programs

## NoMate® PBW Spiral

NoMate® PBW Spiral is a pheromone communication disruptant for control of the pink bollworm (*Pectinophora gossypiella*)

### Active Ingredients:

(Z,E)-7,11 hexadecadien-1-yl acetate ..... 5.37%

(Z,Z)-7,11 hexadecadien-1-yl acetate ..... 5.37%

Inert Ingredients ..... 89.26%

Total ..... 100.00%

## CAUTION

## KEEP OUT OF REACH OF CHILDREN

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### STATEMENT OF PRACTICAL TREATMENT

Avoid prolonged contact with skin. Wash hands after handling.

#### ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

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

**Storage:** Store in a cool place until used.

Prolonged storage should be at or less than 72 °F (22 °C).

**Pesticide Disposal:** After use, used spirals should be retrieved if practical. Discard any retrieved spirals in trash.

**Container Disposal:** Do not reuse empty pouch. Discard pouch in trash.

### INSTRUCTIONS FOR USE

NoMate® PBW Spiral is intended to prevent damage to cotton by the pink bollworm. The product functions by disrupting the mating communication between the sexes of the adult moths. By interfering with the natural mating process, fertile egg laying and subsequent larval infestation can be suppressed, thus reducing the need for conventional insecticides. Reduction in the use of conventional insecticides permits an increase in the populations of parasites and predators which assist in the biological control of other pests.

### RATE OF APPLICATION

The recommended rate of application is 200-400 spirals per acre (500-1,000 spirals per hectare). Use the spirals in a single application per year.

### METHOD OF APPLICATION

NoMate® PBW Spiral is applied by wrapping the spirals around the plant stems or branches. Open the container just prior to application. Reseal unused product and refrigerate.

Apply the product as high in the crop canopy as possible to avoid covering spirals during cultivation. A uniform field distribution is necessary for maximum effectiveness.

### TIMING OF APPLICATION

Monitor pink bollworm populations using the Scentry® "Delta" style traps and PBW pheromone lures. Place traps in fields soon after planting and continue monitoring throughout the season to assess treatment effectiveness.

NoMate® PBW Spiral should be applied when the following conditions exist in the field:

- 1) Trap counts average 1 moth per trap per night.
- 2) Susceptible pinsquares or cotton bolls are present.
- 3) Cotton stems are strong enough to support the spirals.

When plants are not of sufficient size to support the weight of the spirals, an application of NoMate® PBW Fiber or MEC may be needed until plants reach the appropriate stage.

Approved for use on cotton in the United States by EPA Letter 88001

APR 07 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, no person shall use any pesticide registered under EPA Reg. No.

55638-25

EPA REG. No. 55638-  
EPA EST. No. 36638-MT-01  
Net Contents: 725 grams (500 spirals)

Ecogen Inc.  
2005 Cabot Blvd. West, Langhorne, PA 109047  
215/757-1590 or 800/220-2135

### **Warranty and Conditions of Sale**

Ecogen warrants that this product conforms to the description of this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable refund of the purchase price. In no case will Ecogen be liable for incidental consequential or special damages resulting from the handling, storage or use of this product.

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