

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

ams Number: 05c) 55638-32 Date of Issuance:

SEP 14 1994

NOTICE OF PESTICIDE:

\_x\_\_ Registration \_\_\_ Reregistration Term of Issuance:
Conditional

EPA Reg.

(under FIFRA, as amended)

Name of Pesticide Product: NoMate CM 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that 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 section 4.
- 2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. " 55638-32.
- 3. Submit two 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.

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

Si	onature	of	Approving	Official:

Date:

9/14/94

PA Form 8570-6



# CM SPIRAL

**NoMate®** CM Spiral is a pheromone communication disruptant for control of codling moth (Cydia pomonella).

### **Active Ingredients:**

(E,E)-8,10-Dodecadien-1-ol	7.75%
Inert Ingredients	. 92.25%
Total	100.00%

# CAUTION

# KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

Wash hands after handling.

### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS Avoid prolonged contact with skin.

#### **ENVIRONMENTAL HAZARDS**

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

#### 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.

ACCEPTED
with COMMENTS
in ERA Lotter Dated

SEP 14 1994

Under the Foderel Insecticide, Fungicide, and Mademacide Act as emended, for the posticide registered under EPA Heg. No. 55638-32-

EPA REG. No. 55638 -

EPA EST. No. 36638-MT-1

Net Contents: 500 spirats (0.120 gram active ingredient/spiral)

# DIRECTIONS FOR USE

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

### INSTRUCTIONS FOR USE

NOMATE CM Spiral is intended to prevent damage to pome fruit and walnuts caused by codling moth. 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 500-1,000 spirals per acre (1,250-2,500 spirals per hectare).

#### METHOD OF APPLICATION

NOMATE CM Spiral is applied directly by wrapping the spiral around stems or branches. Open the container just prior to application. Reseal unused product and refrigerate.

Apply the product to the upper portion of the canopy whenever possible. Also, the spirals should be placed at least 1 to 2 feet within the canopy.

For maximum effectiveness, it may be necessary to increase density of dispenser placement around the orchard perimeter.



Ecogen Inc. 2005 Cabot Blvd. West, Larighorne, PA 19047-1310 215/757-1590 or 800/220-2135

#### timing of application

\_)

Monitor, using the "wing style" traps and Scentry® CM pheromone lures, to determine the time of application. Trap placement should begin at early petal fall to determine first flight and should continue throughout the season to help assess treatment effectiveness.

The application of NOMATE CM Spiral should occur within 2 to 3 days after the first male moth is captured in a trap. Prediction Day Degree Models can provide assistance in determining application timing. Model information and economic thresholds that may vary from geographical regions are available from your county Farm Advisor.

# WARRANTY AND CONDITIONS OF **SAL**E

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 MER-CHANTABILITY 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.