

Reg # 55638-23

PM-18

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

446 / 18 | 5465401 / 46 | 5470777 / 18

JUL 12 1994

Ecogen, Inc.
c/o Ms. Christine Dively
Jellinek, Schwartz & Connolly, Inc.
1015 15th Street, NW, Suite 500
Washington, D.C. 20005

Dear Ms. Dively:

) Subject: Your 4/20/94 Letter to Jim Tompkins Regarding Worker Protection Standard Label Amendments for NoMate TPW MEC
EPA File Symbol: 55638-23

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

) The zero hour restricted entry interval was found appropriate on the basis of our agreement with your rationale regarding worker exposure (i.e., exposure to the active ingredient is limited to the pheromone vapor and this exposure is essentially no greater after initial application than during the approximate 21 day efficacy of the product). However, if the data submitted in support of this conditional registration show otherwise, a higher restricted entry interval may be required for this product.

Sincerely,



Phillip Hutton
Product Manager 18
Insecticide-Rodenticide Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL	255C	7509C					
SURNAME	Manderson	KOUGH					
DATE	7/11/94	7/11/94					

Pheromone Communication Disruptant

NoMate®TPW MEC is a microencapsulated pheromone communication disruptant for control of the tomato pinworm (*Kelleria leucopersicella*)

Active Ingredients:

(E)-4-Tridecen-1-yl Acetate...19.4%

(Z)-4-Tridecen-1-yl Acetate...0.6%

Inert Ingredients:.....80.0%

TOTAL.....100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on Skin: Wash affected areas with soap and water. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

Avoid contact with skin, eyes or clothing. Do not breathe vapors or spray mist.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 12 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

55638-23

EPA Est. No. 36653-MT-01

EPA Reg. No. 36653-MT-01

Net contents: 1 Pint

EPA Registration No. 55638-23

EPA Est. No. 36653-MT-01

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

Storage: Store in a safe manner. Store in original container only. In a cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific statements on this label about personal protective equipment (PPE). The requirements in this section only apply to uses of this product that are covered by the Worker Protection Standard.

INSTRUCTIONS FOR USE

NoMate®TPW MEC is intended for use in preventing tomato pinworm damage in tomatoes. The product functions by interfering with mating communication between adult moths. Disrupting the natural mating process can suppress fertile egg laying and subsequent larval infestation thus reducing the need for conventional insecticides.

RATE OF APPLICATION

The recommended rate of application is 1.34 to 2.68 ounces (40-80 grams) of product per acre or 3.35 to 6.70 ounces (100-200 grams) per hectare. Apply in 1 to 30 gallons of water per acre (2.5-75 gal/Ha).

SCENTRY

A Division of Ecogen Inc.

2005 Cabot Blvd. West, Langhorne, PA 19047-1810
215/757-1590 or 800/220-2135

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METHOD OF APPLICATION

from the handling, storage or use of this product.

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NoMate® TPW MEC can be applied with conventional ground and aerial application equipment.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

TIMING OF APPLICATION

1. It is best to begin applications of NoMate® TPW MEC while pinworm populations are relatively low. The economic threshold using Scentry® wing trap and tomato pinworm lure is 2-5 moths per trap per day. If at planting time this threshold is reached or larvae are present, make the first application within two weeks. Early applications will suppress mating activity of adults that emerge from already infested transplants.

2. Repeat applications should be made before effectiveness of the previous application diminishes significantly. The interval between successive applications should not exceed 4 weeks. High pest pressure and temperature may require shorter application periods.

3. The use of Scentry pheromone trap and lures, and routine larval surveys of foliage and fruit is strongly recommended for timing NoMate® TPW MEC applications.

WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on 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

The last date of application allowed is 30 days prior to anticipated harvest.

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