

# NoMate® LBAM

## SPIRAL

NoMate® LBAM Spiral is a pheromone communication disruptant for control of Light Brown Apple Moth (*Epiphyas postvittana*).

### Active Ingredients:

(E)-11-Tetradecen-1-yl Acetate .....	7.74%
(E,E)-9,11-Tetradecadien-1-yl Acetate .....	0.32%
Other Ingredients.....	91.94%
Total .....	100.00%

130 mg A.I. per dispenser



Fruits, Vegetables,  
Trees, Ornamentals,  
and other Vegetation



*Epiphyas postvittana*



SPIRAL

**SCENTRY**  
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EPA REG. No. 36638-43  
EPA EST. No. 36638-MT-01  
Net contents: 400 Spirals

## CAUTION KEEP OUT OF REACH OF CHILDREN

### FIRST AID

#### IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a 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 the first 5 minutes then continue rinsing.
- Call a poison control center or doctor for treatment advice.

#### IF INHALED

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

#### IF SWALLOWED

- Call the poison control center or doctor immediately for treatment advice.
- Have the person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

#### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the National Pesticide Information Center(NPIC) at 1-800-858-7378 for emergency treatment.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

Caution: Harmful if absorbed through skin, inhaled, or swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves
- Protective eyewear
- Shoes and socks

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Wash gloves with detergent and hot water before removing. Keep gloves separate from other apparel.

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### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

### USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the restroom.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing as soon as possible.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not open pouches until ready to use. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal 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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- long-sleeved shirt and long pants
- shoes plus socks
- protective eyewear
- chemical resistant gloves

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### INSTRUCTIONS FOR USE

NoMate<sup>®</sup> LBAM Spiral is intended to prevent damage to grapes, apples, strawberries and other fruits, as well as vegetables, ornamentals, trees, and all other agricultural crops, caused by Epiphyas postvittana. 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 rate of application is 130 to 300 spirals per acre. Use the spirals in 1-3 applications per year as needed depending on insect pressure.

### METHOD OF APPLICATION

NoMate<sup>®</sup> LBAM Spiral is applied directly by wrapping the spiral around the stem, branch or vine. Open the container just prior to application. Apply the product to the upper 1/3 portion of the plant canopy whenever possible. Also, the spirals should be placed at least 1 to 2 feet within the radius of the canopy. For maximum effectiveness, apply uniformly to the target area. It may be necessary to increase the density of dispenser placement around the orchard perimeter, depending upon insect pressure. Unpackage and use only the amount of spirals to be used immediately. Reseal partially used bags and return them to cold storage while awaiting later use.

### TIMING OF APPLICATION

1. Monitor, using **Scentry**<sup>®</sup> "Wing Style" or "Large Plastic Delta Style" traps and **Scentry**<sup>®</sup> LBAM 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. Change lures every 3-4 weeks.
2. Make the first application of NoMate<sup>®</sup> LBAM Spirals within 2 to 4 days after the first male moth is captured in a trap (biofix). Prediction Degree Day Models can provide assistance in determining application timing. Model information and economic thresholds that may vary according to geographical regions are available from your county Farm Advisor.
3. Second and any subsequent application should be timed such that the new application is made before the effect of the previous application significantly diminishes. Light Brown Apple Moth life cycle models, diligent trapping, and field checking are all important considerations in the proper timing of an additional spiral application. Check orchards soon after inclement weather to determine if another application is needed.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool place until used. Prolonged storage should be at or less than 45° F (8° C)

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

### WARRANTY STATEMENT

Scentry Biologicals 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, to the extent allowed by state law.

SCENTRY BIOLOGICALS 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 Scentry Biologicals be liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.

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