

18-DEC-2008

2008-3744

# **3M**

## **Sprayable Pheromone**

### **For Mating Disruption of Tomato Pinworm**

This product is a timed-release microencapsulated pheromone concentrate used for mating disruption of the Tomato Pinworm (*Keiferia lycopersicella*) in greenhouse tomatoes.

AGRICULTURAL  
READ THE LABEL BEFORE USING  
CAUTION SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER

**GUARANTEE:**

(E)-4-Tridecen-1-yl acetate.....19.29%

(Z)-4-Tridecen-1-yl acetate.....0.71%

Contains Benzisothiazolin-3-one at 0.057% as a preservative

REGISTRATION NO. 27335  
PEST CONTROL PRODUCTS ACT

3M Canada, PO Box 5757, London, Ontario N6A 4T1

Net Contents: 887mL - 19L

#### DIRECTIONS FOR USE:

This product is an effective tool to help manage Tomato Pinworm population in greenhouse tomatoes. This product can reduce, or in some cases, prevent mating by interfering with the chemical communication system between male and female moths. Reduced mating results in a decrease of the number of eggs laid and lower larval populations. This product should be used as part of an IPM program for tomato pinworm, which may include an insecticide spray (if registered for this purpose) if initial populations in the infested area are high, the use of light traps to attract and kill the adult moths, screening the greenhouse air vents to exclude adults, the removal and proper disposal of infested plants, plant parts and containers, and the use of biological control agents. Treated areas should be thoroughly monitored for the presence of other pests and treated if necessary. A restricted-entry interval (REI) of 12-hours is required following application and prior to re-entering treated areas. During mixing/loading, application and cleanup and repair, wear a chemical resistant rain suit, chemical resistant gloves, rubber boots, goggles or face shield and either a respirator with a NIOSH/ MSHA/ BHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH/ MSHA/BHSE approved canister for pesticides. SHAKE WELL BEFORE USING. Recommended rate of application is 200 mL product (40 g ai) per hectare. This product may be applied with high volume hydraulic sprayers in 300-450 L water per hectare or by low volume foggers in 10 L water per hectare. Continual monitoring with pheromone traps and routine inspection of foliage and fruit for the presence of larvae or larval damage is strongly recommended to determine the need for, and timing of, initial and repeat applications. This product should be applied as soon as adult male moths are detected in monitoring traps, with repeat applications at 3-4 week intervals until time of fruit harvest. Treatment may be less effective near to doorways and wall vent openings, and during the summer and fall months when increased ventilation will reduce the concentration of pheromone in the air. In these places and during these months, other methods to control the tomato pinworm should be intensified. Consult your local pest advisor for information on trap monitoring and timing of product application.

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Not for use on humans. CAUTION SKIN IRRITANT. POTENTIAL SKIN SENSITIZER. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Irritating to skin and eyes. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing spray mist. During mixing/loading, application and cleanup and repair, wear a chemical resistant rain suit, chemical resistant gloves, rubber boots, goggles or face shield and either a respirator with a NIOSH/MSHA/BHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH/ MSHA/BHSE approved canister for pesticides.

**ENVIRONMENTAL PRECAUTIONS:** This product contains a petroleum distillate which is toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

**FIRST AID:** If on skin, wash thoroughly with soap and water. If in eyes, flush with clean water. If inhaled, move subject to fresh air. Consult physician if irritation persists. In case of ingestion, do not induce vomiting. Dilute by giving two glasses of water to drink and promptly contact

poison control centre or physician immediately. Never give anything by mouth to an unconscious person. Remove contaminated clothing promptly and wash before re-use. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**DISPOSAL:** Triple- or pressure-rince the emptied container. Add the rinsings to the spray mixture in the tank. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**STORAGE:** Store in original container above 0° C (32°F) to avoid freezing. Should freezing occur, thaw the product completely and mix thoroughly by agitation before use.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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