

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 instructions and exceptions pertaining to the 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. Do not enter or allow entry into treated areas during the restricted-entry interval (REI) of 4 hours. 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, wear: coveralls, shoes plus socks and waterproof gloves.

APPLICATION INSTRUCTIONS: This product is an effective tool to help manage Blackheaded Fireworm populations in cranberries. This product can reduce, or in some cases prevent, mating by interfering with the chemical communication system between adult male and female moths. Reduced mating results in a decrease in the number of eggs laid and lower larval populations, thereby reducing the need for conventional insecticides. Use supplemental insecticides if initial populations in the treated fields are too high, or if a major source of mated females is present adjacent to the treated area.

Apply this product just prior to the start of the spring and summer adult moth flight periods. Consult your local specialist for information on timing of flights. Rate of application is 2.0 - 3.0 US fl. oz./acre (60-90 mls product/acre) (12-18 g ai./acre) applied in water for uniform coverage but avoiding runoff. Apply this product with conventional ground or aerial application equipment, or through most types of irrigation systems (see section on chemigation). Make two (2) applications per adult moth flight. Make repeat applications at 2 - 3 week intervals. Application rates and frequency will also depend on temperature and Blackheaded Fireworm population density. Do not exceed 150 g ai./acre/year (25 US fl. oz. or 750 mls product/acre/year).

SHAKE WELL BEFORE USE. Do not apply during strong winds or within 6 hours of anticipated rainfall, overhead irrigation or hydrocooling. Use pheromone monitoring traps and routinely inspect foliage and fruit for the presence of larvae or larval damage. Thoroughly monitor pheromone treated areas for the presence of other pests and apply controls if required.

3M™ MEC - BHFWSprayable Pheromone for Blackheaded Fireworm

This product is a timed-release microencapsulated pheromone concentrate used for mating disruption of Blackheaded Fireworm (*Rhopobota naevana*).

Active Ingredient:
(Z)-11-Tetradecenyl Acetate 20.0%
Other Ingredients:..... 80.0%
Total:..... 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

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 eye. - 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 an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. - Call poison control center or doctor for treatment advice.
If swallowed:	- Call poison control center or doctor immediately for treatment advice. - Have 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

See side panel for additional precautionary statements.

EPA Reg. No.: 10350-47
EPA Est. No.: XXXXX-XXX-XXX
Net Contents: 1 US GAL (3.78 Liters)

Made in Canada for:
3M Company, St. Paul, MN USA 55144-1000

ACCEPTED

MAY 13 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10350-47

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.
CAUTION: Harmful if absorbed through skin or inhaled. Causes skin and eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Keep container closed when not in use. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt, long pants, shoes plus socks, and waterproof gloves. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store in original container in a cool, dry place above 32°F to avoid freezing. Should freezing occur, thaw the product completely and mix thoroughly by agitation before use. **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 by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE - LIMITED WARRANTY

3M guarantees only that the product, if used as directed, will perform as described on this label. 3M makes no other guarantees, warranties or promises for the product. The purchaser's sole and exclusive remedy shall be limited to product replacement or refund for the returned product at 3M's option. 3M will replace any product found by 3M to be defective. The foregoing warranty is in lieu of all other warranties expressed or implied, including the warranty of merchantability or fitness for a particular purpose. 3M shall not be liable for any damages, including indirect, special, incidental and/or consequential damages, regardless of the legal theory asserted, including negligence and/or strict liability arising out of the use of, or the inability to use, or the performance of the product. Some states do not allow the exclusion or the limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights, which may vary, from state to state. For any warranty questions, contact 1-800-265-1840.

3M MEC - BHFWSprayable Pheromone for Blackheaded Fireworm; EPA Reg. No. 10350-47
Label amendment to change primary name, add PR 2001-1 statements and update label text
Label version (3) dated April 9, 2003
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CHEMIGATION: Apply this product only through lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move sprinkler systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including greenhouse systems) used for pesticide application, to a public water system unless the pesticide label prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Chemigation Systems Connected to Public Water Systems:

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.

1) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ) backflow preventer, or the functional equivalent, in the water supply line upstream from the point of pesticide introduction. An additional option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank, of at least twice the inside diameter of the fill pipe.

2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

3) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation is either automatically or manually shut down.

4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump (e.g. Diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

5) Do not apply when wind speed favors drift beyond the area intended for treatment.

Sprinkler Chemigation:

1) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.

2) The pesticide injection pipeline must contain a functional, automatic, quick-close check valve to prevent the flow of fluid back toward the injection pump.

3) The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

4) The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

5) Do not apply when wind speed favors drift beyond the area intended for treatment.

6) A adequate agitation must be provided before and during the injection period. Use only in sprinklers that apply uniformly and have appropriate check valves. When application of pesticide is complete, thoroughly flush the injection system and sprinkler lines.

Mixing Recommendations for Chemigation:

Follow general mixing instructions and keep the ratio at three (3) parts water to one (1) part 3M MEC - BHFWSprayable Pheromone for Blackheaded Fireworm. Also, provide mild uniform agitation throughout the solution but do not agitate excessively.

Spray Volume:

For chemigation, volume of make-up solution should correspond to a 6 to 8 minute injection time, resulting in a per acre volume of approximately 400 to 600 gallons of water, excluding rinse-out volume. This pheromone product should be applied continuously for the duration of the water application. When application of pesticide is complete,

thoroughly flush the injection system and sprinkler lines with a minimum volume of water for complete rinse-out.

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