CheckMate® DBM-F

A BIOCHEMICAL FOR MATING DISRUPTION OF DIAMONDBACK MOTH (*Plutella xylostella*)

ACTIVE INGREDIENTS:
- *(Z)* - 11 - Hexadecen-1-yl Acetate . . . . . . .11.30 %
- *(Z)* - 11 - Hexadecenal . . . . . . . . . . . . . .11.30 %
OTHER INGREDIENTS: . . . . . . . . . . . . .77.40 %
TOTAL: . . . . . . . . . . . . . . . . . . . . . . . . . .100.00 %

Net Contents: 15.2 fl. oz. (449 ml)

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for Precautionary and First Aid Statements

Lot No.: See neck of bottle

Manufactured by:

Suterra®

EPA Reg. No.: 56336-35
EPA Est. No.: 56336-OR-1
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 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). 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 application of this product. A restricted entry interval of 6 hours has been established.

METHOD OF APPLICATION: For disrupting the mating of the diamondback moth on broccoli, brussels sprouts, cabbage, cauliflower, watercress and other cruciferous crops and field grown ornamentals such as annual and perennial flowers, flowering shrubs, and other ornamental plants where diamondback moth is a pest. Do not apply CheckMate DBM-F from damaged, punctured, or unsealed containers. Ground Equipment: Apply CheckMate DBM-F at 3.07 [3.1] fluid ounces (90.792 [91] ml) product (20 g a.i./acre) per acre to 6.14 [6.2] fluid ounces (181.584 [182] ml) product (40 g a.i./acre) per acre. Do not exceed 23.00 [23] fluid ounces (680.202 [680] ml) product/aacre/year (150 g a.i./acre/year). Aerial Equipment: Apply CheckMate DBM-F in sufficient water for uniform coverage. Do not apply to point of runoff. Apply to foliage directly. Mix 4.2 ml of this product with 2.5 gallons of water and treat 1000 square feet of surface area. Do not treat at the point of runoff. Do not exceed a total of 15.6 ml of product per 1000 square feet per season.

GENERAL APPLICATION NOTES: Reapply as needed based on insect monitoring and field scouting programs. The use of approved spreader-stickers improve the wetting of the leaf surface and even distribution of the product on plant leaves. If application occurs following biofix or during the growing season, the field must be treated with insecticide treatments that will effectively control emerging larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season helps to provide adequate protection to the developing crop. These supplemental insecticide applications should be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control emerging larvae. 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 requirements specific to your state or tribe, consult the State or Tribal agency responsible for pesticide regulation.

DIRECTIONS FOR SPRINKLER CHEMIGATION SYSTEMS
DO NOT apply this product through Sprinkler 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 60 days out of the year. 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 requirements specific to your state or tribe, consult the State or Tribal agency responsible for pesticide regulation.

If you have any 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. 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 biofixflow. The pesticide injection pipeline must contain a functional automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. 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. The irrigation line or water pump must include a functional pressure switch which 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. Do not apply when wind speed favors drift beyond the area intended for treatment. To disrupt mating of the diamondback moth on broccoli, brussels sprouts, cabbage, cauliflower, watercress and other cruciferous crops where diamondback moth is a pest apply CheckMate DBM-F at 3.07 [3.1] fluid ounces (90.792 [91] ml) product (20 g a.i./acre) per acre to 6.14 [6.2] fluid ounces (181.584 [182] ml) product (40 g a.i./acre) per acre. Do not exceed 23.00 [23] fluid ounces (680.202 [680] ml) product/aacre/year (150 g a.i./acre/year).

Mix CheckMate DBM-F in a volume of water that can be applied during the last 30 minutes of the irrigation cycle. Maintain continuous agitation in the pesticide supply tank during the application process. Make applications only during the last 30 minutes of the irrigation cycle in a quantity of water not to exceed 0.01" of water per acre. Reapply as needed based on insect monitoring and field scouting programs. This product only affects adult male moths and will have no effect on female moths, eggs or larvae. If application occurs following biofix or during the growing season, the field must be treated with insecticide treatments that will effectively control emerging larvae until egg laying by previously mated female moths has ceased to occur. In moderate to high insect pressure situations, supplemental insecticide applications during the season may be necessary to provide adequate protection to the developing crop. These supplemental insecticide applications should be made based on trap monitoring, field scouting, and appropriate degree-day models for the local growing area and must be timed to control emerging larvae.

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Caution: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash after handling and before eating, drinking, chewing gum, or using the toilet. Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow manufacturer’s instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARD
For terrestrial use - Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters or rinsates.

STORAGE AND DISPOSAL
DO NOT contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store in a cool place until used. Protect from freezing.
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: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container on its end and tip back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat the procedure two more times. Then offer for recycling or dispose of in a sanitary landfill, or incineration, if allowed by state and local authorities by burning.

WARRANTY
To the extent consistent with applicable law, Suterra LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use. To the extent consistent with applicable law, Suterra neither makes nor authorizes any agent or representative to make any other warranty of fitness or of merchantability, guarantee or representation, express or implied, concerning this material. To the extent consistent with applicable law, the buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage, and use of this material contrary to label instructions.

Manufactured by:
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Net Contents: 15.2 fl. oz. (449 ml)
Contains: 6.51 g/a.i./fl. ounce (0.22 g/a.i./ml)
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