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HERCON®

DISRUPT BIO-FLAKE® SBW

Spruce Budworm Mating Disruptant

FOR USE AS A MATING DISRUPTANT FOR THE SPRUCE BUDWORM
Choristoneura fumiferana (Clemens)

GUARANTEE: 95/5 E/Z -11-Tetradecenal10.00%
CAUTION-EYE AND SKIN IRRITANT

**COMMERCIAL
INSECTICIDE
SLOW RELEASE GENERATOR**

REGISTRATION NO. 30312 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 10 kg
10 kg (1000 gm ai) will treat 40 ha at 25g ai/ha or 20 ha at 50g ai/ha

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

Made in USA by
Aberdeen Road Company d/b/a
HERCON ENVIRONMENTAL
P.O. Box 435
Emigsville, PA 17318-0435 USA
1-800-4-HERCON

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Spruce Budworm Mating Disruptant

FOR USE AS A MATING DISRUPTANT FOR THE SPRUCE BUDWORM *Choristoneura fumiferana* (Clemens)

RESTRICTED USES

FOREST AND WOODLANDS

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.

NATURE OF RESTRICTION: This product is to be used only in the manner authorized; consult local provincial pesticide regulatory authorities about use permits that may be required.

RESTRICTED USE: For use against spruce budworm (*Choristoneura fumiferana* (Clemens)) in forests and woodlands. Apply at the rate recommended.

DIRECTIONS FOR USE

HERCON DISRUPT BIO-FLAKE SBW is intended for use in reducing spruce budworm (*Choristoneura fumiferana* (Clemens)) damage in forests and woodlands by interfering with mating communication between adult moths. Disruption of the mating process may result in a decrease in egg laying and subsequent larval infestation, thus reducing the need for conventional insecticides. Apply this product before or at the beginning of the male moth flight. This product is to be used on tree species such as white spruce where spruce budworm is a problem. The application rate of HERCON DISRUPT BIO-FLAKE SBW is 25 to 50g ai/ha per application. This is equivalent to 250g to 500g product per hectare. The higher application rate is recommended under higher pest pressure and may reduce the likelihood that reapplication will be necessary. Reapply HERCON DISRUPT BIO-FLAKE SBW after 20 days, if necessary, based on local conditions and monitoring results and field scouting. Use in combination with supplemental sprays where populations are extremely high. Use an inert sticker such as Hercon Micro-Tac to adhere the flakes to the treated foliage or plant parts. For application from fixed wing aircraft pods a ratio of 0.67 mL of sticker per 1g of product is recommended.

AERIAL APPLICATION INSTRUCTIONS

Apply only by fixed-wing or rotary aircraft that has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Apply only at the recommended rates on this label.

Ensure uniform application by using appropriate marking devices and/or electronic tracking equipment.

ENVIRONMENTAL HAZARDS:

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from treated areas.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

Avoid inhaling/breathing any dust generated prior to, during, or after application.

During mixing, loading, clean-up or repair of equipment, personnel should wear an appropriate respirator, chemical resistant gloves, coveralls, goggles or face shield, long-sleeved shirt, long pants, shoes, and socks.

Apply only when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools, and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment, and sprayer settings.

Avoid contact with eyes and mouth. Do not open protective pouch until ready to use. Wash hands thoroughly with soap and water after handling.

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

FIRST AID:

If swallowed: Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically

STORAGE AND DISPOSAL

Storage: Store in a cool dry place.

Disposal:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

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