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HERCON[®]

DISRUPT MICRO-FLAKE[®] SBW
Spruce Budworm Mating Disruptant
FOR USE AS A MATING DISRUPTANT FOR THE SPRUCE BUDWORM
Choristoneura fumiferana (Clemens)

GUARANTEE: (E/Z)-11-tetradecenal5.00%
(E:Z ratio between 91:9 and 95:5)

CAUTION: EYE AND SKIN IRRITANT
RESTRICTED

REGISTRATION NO. 28695 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 20 kg

READ THE LABEL BEFORE USING

Aberdeen Road Company d/b/a
HERCON ENVIRONMENTAL
P.O. Box 435
Emigsville, PA 17318
(717) 764-1192

HERCON®

PRODUCT NO.

DISRUPT MICRO-FLAKE® SBW

Spruce Budworm Mating Disruptant

FOR USE AS A MATING DISRUPTANT FOR THE SPRUCE BUDWORM

Choristoneura fumiferana (Clemens)

RESTRICTED USES

FORESTS 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 offense 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 MICRO-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 trees species such as white spruce where spruce budworm is a problem. The application rate of DISRUPT MICRO-FLAKE SBW is 25 to 50 g ai/ha per application. This is equivalent to 500 g to 1000 g product per hectare. The higher application rate is recommended under higher pest pressure and may reduce the likelihood that reapplication will be necessary. Reapply DISRUPT MICRO-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 1 g 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.

Use Precautions: Avoid direct application to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.

Operator Precautions: Do not allow the pilot to mix product to be loaded into the aircraft. Loading of premixed product with a closed system is permitted. It is desirable that the pilot has communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear the personal protective equipment described in the PRECAUTIONS section of this label. All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

Product Specific Precautions: Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 717-764-1192 or obtain technical advice from the distributor or from your provincial forestry representative. Application of this specific product must meet and/or conform to the aerial uses and rates on this label.

ENVIRONMENTAL HAZARDS: Avoid direct application of this product to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats. Avoid application of this product when winds are gusty. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

During mixing, loading application, clean-up or repair of equipment personnel should wear a long-sleeve shirt, long pants, chemical resistant gloves and goggles. Avoid contact with eyes, skin 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: In case of contact with eyes, rinse with plenty of clean water and contact a physician. In case of contact with skin, wash with soap and water. If irritation develops, contact physician. If swallowed, try to induce vomiting by sticking a blunt object down throat. Call Poison Control Center and seek medical attention IMMEDIATELY. Take container, label or product name and Pest Control Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE AND DISPOSAL

Storage: Store in a cool dry place.

Disposal:

1. Make the empty container unsuitable for further use.
2. Dispose of the container in accordance with provincial requirements.
3. 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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