



DISRUPT™

WESTERN PINESHOOT BORER

Mating Disruptant and Population Suppressant



- REDUCES MOTH MATING FOR POPULATION SUPPRESSION AND DAMAGE PREVENTION
- REDUCES SHOOT BORER DAMAGE
- FOR USE IN FOREST AND RESIDENTIAL AREAS

ACTIVE INGREDIENTS: (Z)-9-dodecenyl acetate	6.7%
(E)-9-dodecenyl acetate	1.7%
INERT INGREDIENTS	91.6%
TOTAL	100.0%

EPA Reg. No. 8730-20

EPA Est. No. 8730-PA-01

NET WEIGHT: 4.7 kg. (10.6 lbs.)

CAUTION:

KEEP OUT OF REACH OF CHILDREN

Read back panel for directions and precautionary statements

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WESTERN PINESHOOT BORER MATING DISRUPTANT AND POPULATION SUPPRESSANT

HERCON' DISRUPT WESTERN PINESHOOT BORER is a controlled-release pheromone dispenser formulation designed to lower incidence of adult western pineshoot borer, *Eucosma sonomana* *kft.*, mating by disrupting normal male orientation to females. This reduction in mating will thus suppress damage to ponderosa, lodgepole and Jeffrey pine plantations in the western United States.

PRECAUTIONARY STATEMENTS

Keep out of reach of children. Do not open protective container until ready to use. No protective equipment needed. Wash hands with soap and water after handling.

Hazards to the Environment

Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Storage and Disposal

Store in sealed containers in a cool, dry place. Keep partially used containers tightly sealed.

Prohibitions. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
Pesticide Disposal. Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Container Disposal. Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

General. Consult Federal, State or local authorities for approved alternate procedures.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Using air or ground equipment, apply 4 to 8 grams active ingredient per acre. This is equivalent to 47.6 grams (1.7 oz.) to 95.2 grams (3.4 oz.) loosely-packed DISRUPT flakes per acre. Hercon PHERO-TAC,™ an inert sticker material, should be used with DISRUPT to hold flakes on treated foliage or plant parts. The DISRUPT and sticker mixture should be prepared just prior to application and according to application machinery requirements and directions. Preferably application should be done only by a qualified person to insure proper rate and method of application.

Time of application: DISRUPT must be applied before emergence of adult western pineshoot borer moths. Apply DISRUPT before pineshoot borer emergence early in the spring or immediately after spring thaw or snow melt. Timing is very important and can vary by geographic location and seasonal conditions. If unsure of local conditions, seek advice of local entomologist.

Note: Use of pheromones and limiting the use of conventional chemical insecticides will help to maintain the population of beneficial parasites and predators. This can assist in biological control of western pineshoot borer and other pests, and therefore, complement pest management.

Manufactured by
Hercon Group

HERCULITE PRODUCTS, INC.

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MANUFACTURER'S WARRANTY

HERCULITE PRODUCTS, INC. warrants that the product, as of the time of its sale by HERCULITE, conforms to the statements on the label. Except as so warranted the product is sold AS IS. HERCULITE makes no other warranty express or implied of fitness or merchantability. In no case shall HERCULITE be liable for consequential or special or indirect damages resulting from the use of this product. This warranty may be varied only by agreement in writing signed by a duly-authorized representative of HERCULITE.

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