

8730-41 PM17

ACCEPTED
SEP 18 1985
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8730-41

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FROM HEALTH-CHEM

**HERCON®
DISRUPT/LURE N KILL™
PBW
WITH GOSSYPLURE
MATING DISRUPTANT AND
POPULATION SUPPRESSANT**

HERCON DISRUPT/LURE N KILL PBW is a controlled release dispenser containing both the pink bollworm (*Pectinophora gossypiella*) pheromone gossyplure and a pyrethroid insecticide. This dual-acting product is designed to help control the pink bollworm by disrupting normal mating communication between male and female moths and by direct insecticidal action as well. By disrupting normal male orientation to female moths, use of this product will result in a reduction in mating and a subsequent reduction of pink bollworm damage in cotton due to a suppressed larval (worm) population. Use of DISRUPT/LURE N KILL PBW may reduce the risk of aflatoxin-contaminated seed and decrease the use of conventional insecticides which may be harmful to beneficial parasites and predators, and pollinators.

NOTES: Limiting the use of conventional chemical insecticides will help to maintain the population of predators. This can assist in biological control of other pests and therefore complement pest management.

STORAGE AND DISPOSAL
STORAGE: Store in sealed containers in a cool, dry place. Keep partially used containers tightly sealed.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinseate that cannot be used according to label directions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Dispose of bags according to approved Federal, State or local procedures under the Resource Conservation and Recovery Act.

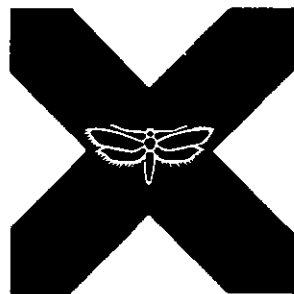
Manufacturer's Warranty
HEALTH-CHEM's HERCON DIVISION warrants that the product, as of the time of its sale by HERCON, conforms to the statements on the label. Except as so warranted the product is sold AS IS. HERCON makes no other warranty express or implied of fitness or merchantability. In no case shall HERCON 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 HERCON.

Manufactured by
**HERCON DIVISION
HEALTH-CHEM CORPORATION**
1107 Broadway, New York, N.Y. 10010

EPA REG. NO. 8730-41
EPA EST. NO. 8730 PA 01
HERCON, DISRUPT/LURE N KILL AND PHERO-TAC
are trademarks of Health-Chem Corp.

FROM HEALTH-CHEM

**HERCON®
DISRUPT/LURE N KILL™
PBW**



**PINK BOLLWORM
MATING DISRUPTANT AND
POPULATION SUPPRESSANT**

- SUPPRESSES WORM POPULATIONS
- REDUCES COTTON BOLL DAMAGE
- CONTAINS GOSSYPLURE, THE PINK BOLL-
WORM SEX PHEROMONE, IN COMBINATION
WITH A PYRETHROID INSECTICIDE.

ACTIVE INGREDIENTS:

(Z,Z)-7,11-hexadecadien-1-ol acetate	1.88%
(Z,E)-7,11-hexadecadien-1-ol acetate	1.88%
Permethrin, 3-(phenoxyphenyl)methyl (±)-cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethyl cyclopropanecarboxylate	3.79%
INERT INGREDIENTS	92.45%
TOTAL	100.00%

NET WEIGHT: 1.76 lbs. (0.800 kg)

RESTRICTED USE PESTICIDE For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

READ DIRECTIONS AND PRECAUTIONARY STATEMENTS BEFORE USE

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PBW
WITH GOSSYPLURE
MATING DISRUPTANT AND
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DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Apply at the rate of 1.5 to 4.0 grams gossyplure pheromone active ingredient per acre per application. This is equivalent to 40 to 100 grams (or 1.4 to 3.8 ounces) of loosely packed DISRUPT/LURE N KILL PBW flakes per acre per application, and will deliver 1.5 to 4.0 grams permethrin per acre as well.

HERCON PHERO-TAC, an inert sticker, should be used with DISRUPT/LURE N KILL PBW to hold the flakes on treated cotton foliage or plant parts. The HERCON application equipment is specially designed to automatically combine the proper amount of DISRUPT/LURE N KILL PBW flakes and PHERO-TAC sticker at the time of aerial or ground application. See HERCON applicator manual for operating instructions. Preferably application should be done only by a qualified person to insure proper rate and method of application.

TIME OF APPLICATION: Using gossyplure-pheromone baited traps (or other suitable means), monitor cotton fields to detect the number of adult pink bollworm moths beginning at planting time. The monitoring program should continue throughout the growing season on a 1- to 3-day schedule to detect population changes.

The first application of DISRUPT/LURE N KILL PBW should be made prior to or soon after insect emergence. Plant growth and development may be used to determine when to begin DISRUPT/LURE N KILL PBW treatments. Each application of DISRUPT/LURE N KILL PBW is designed to last an average of 21 days in the field at temperatures of 100° F (37.8°) or less; at temperatures exceeding 100° F, application intervals should average 14 days. Timing is very important and can vary by geographic location and seasonal conditions. If unsure of local conditions, seek the advice of qualified entomologists or consultants.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
Harmful if swallowed. Avoid prolonged contact with skin, eyes or clothing. May cause eye irritation. Wash hands thoroughly with soap and water after handling. If swallowed, call a physician.

Environmental Hazards
This pesticide is highly toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from Cooperative Extension Service personnel.