

From Health-Chem

Draft # 2 -- December 2, 1983

HERCON<sup>R</sup>  
DISRUPT<sup>R</sup> II  
PINK BOLLWORM

Pink Bollworm Moth MATING DISRUPTANT

- Suppresses worm populations
- Reduces cotton boll damage
- Protects beneficial insects

ACTIVE INGREDIENTS:

(Z,Z)-7,11-hexadecadien-1-ol acetate . . . . .	1.99 %
(Z,E)-7,11-hexadecadien-1-ol acetate . . . . .	1.99 %
INERT INGREDIENTS . . . . .	96.02 %
TOTAL . . . . .	100.00%

NET WEIGHT: 1.3 LB (0.6 kg)

KEEP OUT OF REACH OF CHILDREN

CAUTION

Read, understand and discuss all warning statements before use.

ACCEPTED  
EPA

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HERCON<sup>R</sup> DISRUPT<sup>R</sup> II /PBW  
With Gossyplure

8730-42

#### Mating Disruptant and Population Suppressant

HERCON DISRUPT II /PBW is a controlled release pheromone (gossyplure) dispenser formulation designed to lower incidence of mating of adult pink bollworm moths, Pectinophora gossypiella, by disrupting normal male orientation to female moths. This reduction in mating will subsequently reduce pink bollworm damage in cotton due to a suppressed larval (worm) population. Use of DISRUPT II /PBW may reduce the risk of aflatoxin-contaminated seed and delay or decrease the use of conventional insecticides which may be harmful to beneficial parasites and predators, and pollinators.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. Do not open protective pouch 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

**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 container according to approved Federal, State or local procedures under the Resource Conservation and Recovery Act.

#### 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 of active ingredient per acre per application. This is equivalent to 37.7 to 100.5 grams or 1.33 to 3.55 ounces of formulated DISRUPT II /PBW flakes per acre per application. Hercon PHIPCO-LAC, an inert adjuvant, should be used with DISRUPT II /PBW to hold the flakes on treated cotton bolls or plant parts. The Hercon application equipment is designed to automatically combine the proper amount of DISRUPT

DISRUPT II

II /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 gossypure-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 II /PBW should be made prior to or soon after insect emergence. Plant growth and development may be used to determine when to begin DISRUPT II /PBW treatments. Each application of DISRUPT II /PBW is designed to last an average of 21 days in the field at temperatures of 100°F (37.8°C) 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.

**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.

#### 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.

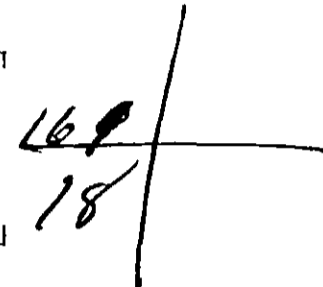
Manufactured by  
HERCON DIVISION,  
HEALTH-CHEM CORPORATION,  
1107 Broadway  
New York, NY 10012

EPA REG. NO. 579-XX

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<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION (HH-567) <small>WASHINGTON, D.C. 20460</small>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <small>Under Federal Insecticide, Fungicide, and Rodenticide Act, as amended</small>		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
		
<p><b>NOTE</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<input type="checkbox"/> ATTACHMENT AVAILABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
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