

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

DEC 19 1984

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

NOTE: 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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement 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.

This product is conditionally registered in accordance with 40 CFR sec. 3(c)(2)(ii) provided that you

1. Submit additional data required for registration, reregistration of your product under 40 CFR sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase "EPA Reg. #30-41" to the label and the product packaging.

3. If you are a manufacturer, you must file a copy of the label with the Agency and the State of California. If you are a distributor, you must file a copy of the label with the Agency and the State of California.

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through the Agency
and the State of California
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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

BEST AVAILABLE COPY

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.

HERCON^R

DISRUPT^R / LURE N KILLTM
P B W

PINK BOLLWORM MATING DISRUPTANT AND
POPULATION SUPPRESSANT

SUPPRESSES WORM POPULATIONS
REDUCES COTTON BOLL DAMAGE
CONTAINS GOSSYPLURE, THE PINK BOLLWORM 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 cyclo- propanecarboxylate	3.79%
INERT INGREDIENTS	92.45%
TOTAL	100.00%

Net Weight: _____ lbs (_____ kg)

ACCEPTED
with
in

DEC 13 1984

8730-41

KEEP OUT OF REACH OF CHILDREN

CAUTION

READ DIRECTIONS AND PRECAUTIONARY STATEMENTS
BEFORE USE.

HERCON^R DISRUPT^R/LURE N KILLTM PBW

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.

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.

HERCON DISRUPT -- LURE N KILL PBW
WITH GOSSYPLURE

Mating Disruptant and Population Suppressant

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 106 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.

Notice: 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 rinsate 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.

EPA Reg. No. 8730- UR

EPA Est. No. S730 PA 01

Manufactured by
HERCON DIVISION
Health-Chem Corporation
1107 Broadway
New York, NY 10010

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