

241-282

3-16-1987

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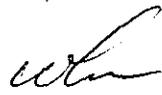
US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 241-282	DATE OF ISSUANCE 3/16/87
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT Cythion Insecticide RTU	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
American Cyanamid Company Agricultural Research Division P.O. Box 400 Princeton, NJ 08540		
<p>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.</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 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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Make the labeling changes listed below to the product label and labelst before you release the product for shipment <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 241-282." b. Under Statement of Practical Treatment, add "IF INHALED. Remove victim to fresh air. Give artificial respiration if indicated." c. Under Precautionary Statements, add as last statement "and wash before reuse." 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. 		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

MAR 16 1987

CYTHON® insecticide RTU

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for all uses it is
registered under FIFRA section 10.

241-282

Active Ingredient:	
Malathion**	46.2%
Inert Ingredients	53.8%
Total	100.0%

**O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate
(One gallon contains 4.1 pounds of malathion)

EPA Reg. No. 241-

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.
- IF ON SKIN:** Wash with plenty of soap and water.
- IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.
- NOTE TO PHYSICIAN:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

PRECAUCION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

In case of an emergency endangering life or property involving this product call collect, day or night, Area Code 201-835-3100

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CYTHON® insecticide RTU

Before using, read the directions contained in this leaflet for the proper methods and procedures which must be followed to achieve effective insect control and avoid permanent damage to automobile and other paint finishes.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH THE SKIN**

- Avoid breathing spray mist.
- Avoid contact with skin, eyes or clothing.
- May be a skin sensitizer.
- Wash thoroughly with soap and water after handling.
- Change contaminated clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Avoid direct applications to lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity. Further protective information may be obtained from your Cooperative Agricultural Extension Service. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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Leaflet Label

Under the terms of the Docket,
EPA will accept the label
as presented, for the pesticide
registered under EPA Reg. No.

241-282

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DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, automobile paint damage, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

The sale of this product does not include a license under any patent owned by the American Cyanamid Company.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

IMPORTANT - Undiluted spray droplets of CYTHION RTU will permanently damage automobile paint. If accidental exposure does occur, the vehicle should be washed immediately.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Apply CYTHION RTU insecticide uniformly at the volumes and dosage rates below.

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Aerial Applications: If water is used for dilution, apply at least one gallon of finished spray per acre. CYTHION RTU can be used in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of cotton insects indicated. When CYTHION RTU is applied ultra low volume, use a sufficient amount of once refined vegetable oil to make at least one quart of finished spray solution per acre.

Conventional Ground Application: Use water for dilution and apply at least 5 gallons of finished spray per acre.

Apply only when weather conditions are favorable. Wind and rising air currents may cause undesirable spray drift and reduce insect control.

Cover foliage uniformly! Time treatments and set dosages according to insect populations or damage. Repeat treatments as necessary to maintain control. Consult your local extension service or professional consultant for treatment thresholds.

Crop	Pests Controlled	Fluid Ounces Per Acre	Days to Harvest or Grazing and Comments
Cotton	Aphids (Green Peach and Cotton)	32-36	Early to midseason
	Boll Weevil	18-36	
		27-36	Late season
	Grasshoppers	18	
	Fleahoppers Leafhoppers	9-18	
	<u>Lygus</u> Bugs including Tarnished Plant Bugs	18-27	Moderate Populations
		36	Very heavy or migrating populations.
	Thrips	9-18	

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Day

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Tank-Mix Instructions

FOR CONTROL OF BOLL WEEVIL AND BOLL WORM/BUDWORMS

CYTHON RTU + Pyrethroid Tank Mixes

Pyrethroids*	Fluid Ounces/ Acre	Comments
1/PAY-OFF [®] insecticide	1.3 - 4.0	Tank mix with 27-36 fl. oz. of CYTHON RTU
2/2.5 E.C. PYDRIN [®] insecticide	5-1/3 - 10-2/3	Consult the pyrethroid label for detailed directions. For POUNCE tank mix with 27-36 fl. oz. of CYTHON RTU and apply this mixture with proper application equipment.
3/2.4 E.C. POUNCE [®] insecticide 3.2 E.C.	2.0 - 8.0	

IMPORTANT

Consult your state experiment station or state extension service for proper timing of sprays.

These products are highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

All applicable directions, restrictions and precautions on the EPA registered labels are to be followed.

Operator should inspect and calibrate equipment to assure that the proper amounts of pesticide are being applied, and that uniform coverage is obtained.

This label must be in the possession of the user at time of pesticide application.

*Lower rates should be used only with close field supervision and low pest numbers.

1/Registered Trademark, American Cyanamid Company

2/Registered Trademark, Shell Chemical Company

3/Registered Trademark, FMC Corporation