

Extended to December 1, 1986

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

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

NAME OF PESTICIDE PRODUCT

Cymbush 3E Insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

ICI Americas, Inc.
Agricultural Chemicals Group
Concord Pike & New Murphy Road
Wilmington, DE 19897

194 / 140551
18 / 13

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 FIFRA sec. 3(c)(7)(C) ~~and (D)~~, since you have agreed to the following conditions:

1. Submit the following data by April 30, 1986.
 - a. Field dissipation study which identifies the formation and decline of the major metabolites identified in the soil metabolism studies (3-phenoxybenzoic acid and DCVA). In addition, analytical methodology should be developed to determine the presence of these degradates in the field environment. The soil sampling should continue until patterns of formation and decline of degradation products in the field are established or until 18 months have elapsed since cypermethrin application, whichever comes first.
 - b. Field study to assess the impact that cypermethrin may have (if any) on the benthic organisms.
 - c. You will conduct the above studies in accordance with EPA Guidelines and submit the data to the Agency by the designated dates.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

William R. Gardner

DATE

1-14-85

2. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton is conditionally registered, in accordance with Section 29 of FIFRA. The fiscal year begins October 1 and ends September 30.

The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:

Liaison Team
Process Coordination Branch
Registration Division (TS-767)
Environmental Protection Agency

Please note that the continuing Conditional Registration of this product expires December 1, 1986.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

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

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

JOB:51434:Gardner:RD-62:Kendrick:898-1270:sah:1/10/85:Del.2/10/85

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
DANGER**

See Side Panel For Additional
Precautionary Statements and
Statement of Practical Treatment

Net Contents
ONE U.S. GALLON
(3.79 LITERS)

Batch No

EPA Establishment No 5305-AR-1
EPA Reg No 10182-65
U.S. Patent No 4,024,163



ICI Americas Inc.
Agricultural Chemical Division
Wilmington, Delaware 19897

ACTIVE INGREDIENT:

Cypermethrin

(±)-cyano(3-phenoxyprenyl) methyl (±)-cis
trans-3-(2,2-dichloroethenyl)-2,
7-dimethylcyclopropanecarboxylate

35.6%

INERT INGREDIENTS

64.4%

TOTAL

100.0%

*Cis/trans ratio 45/55 ± 10

CYMBUSH 3E contains 3 pounds active ingredient per gallon

ACCEPTED
with COMMENTS
in EPA File # 10182-65

JAN 14 1985

10182-65

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS
DANGER**

Caution: Causes eye burns and skin irritation. May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear protective clothing when spraying. Wear protective clothing, impermeable gloves, and face shield when handling or mixing concentrates. Avoid breathing vapors or spray mist. Wash thoroughly after handling. May cause dizziness and reactions.

STATEMENT OF PRACTICAL TREATMENT:

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.
IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN: Immediately remove contaminated clothing and wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Inducing vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.
For 24-hour emergency assistance, call CHEMTEC AMERICAS INC. 303/775-3000.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish. Use with care after applying. Do not allow to get into any body of water. 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 product is highly toxic to bees or other insects. Do not apply to residues or crops or weeds. Do not apply CHEMTEC to areas or crops in areas or crops in which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service. Apply this product only as specified on this label.

In case of a spill, call CHEMTEC 800/424-6300.

PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Spill during is prohibited. Do not reuse empty containers.

STORAGE: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak or floor or paved surfaces, clean up with sand, earth or synthetic absorbent. Remove to sanitary waste area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or residue is a violation of Federal law. If these wastes cannot be disposed of by you according to label instructions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative of the agency. EPA Regional Office for guidance.

CONTAINER DISPOSAL: Empty Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning or store here and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning or store here and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If burned, stay out of smoke. Glass Containers: Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other approved state and local procedures.

rubber apron and boots when

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Apply CYMBUSH 3E as shown in the following chart using sufficient spray to obtain full coverage of foliage. Apply every 5 to 7 days or as needed. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. The use of less than recommended rates should only occur under conditions of light to moderate insect infestations.

COTTON SPRAY RECOMMENDATIONS

TARGET PESTS	RATE (lb a.i./A)	REMARKS**
Cotton Bollworm	0.06-0.10	<p>Apply as required by scouting reports, usually at intervals of 5 to 7 days. For 'jolt weevil control, spray on a 3 to 4 day schedule.</p> <p>Apply by air or ground. Use sufficient water to obtain full coverage of foliage. Do not apply more than 1.0 lb a.i. per acre per season.</p> <p>In areas of the country where insects have a history of being highly susceptible to insecticides, available data indicate rates as low as 0.04 lb a.i./acre will control light infestations of bollworm, budworm, pink bollworm, cabbage looper, and lygus.</p> <p>NOTE:</p> <p>1) The use of rates lower than 0.06 lb a.i./A should be used only in conjunction with intense field monitoring.</p> <p>2) Do not use less than 0.06 lb a.i./A on initial (first) application because of the variation in size and age of insects present.</p> <p>CYMBUSH 3E may also be applied by air diluted with at least a once refined vegetable oil such as cottonseed oil or soybean oil. Agricultural mineral oils are not recommended. Apply using 1-2 quarts of finished spray per acre.</p> <p>CYMBUSH may be applied in tank mixture with the following insecticides in accordance with label limitations and precautions. Label dosage rate should not be exceeded. Do not tank mix in low volume dilutions of vegetable oil.</p> <p style="margin-left: 20px;">Chlordaneform Methyl Parathion GUTHIONE Malathion LANNATE® LORSSAN™</p> <p style="margin-left: 20px;">Do not apply within 14 days of harvest. Do not graze livestock in treated areas</p>
Tobacco Budworm		
Boll Weevil		
Pink Bollworm		
Lygus Bug		
Cabbage Looper		
Cotton Leafperforator		
Cutworm spp.		
Thrips		
Beet Armyworm		
Flea Beetle		
Cotton Fleahopper		
Saltmarsh Caterpillar		
Whitefly*		
Cotton Aphid*		

*Aids in Suppression

**Not for use in oil in California.

RATE CONVERSION CHART

Pounds Active/ Acre	Fluid Ounces/ Acre	Pints/ Acre	Acres Treated/ Gallon
0.06	2.56	0.16	50.0
0.08	3.41	0.21	37.5
0.10	4.27	0.27	30.0

CYMBUSH® is a registered trademark of ICI Americas Inc.

GUTHION® is a registered trademark of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

LANNATE® is a registered trademark of the E. I. duPont de Nemours & Co.

LORSSAN™ is a trademark of the Dow Chemical Company.

NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label directions or under abnormal use conditions or under conditions not reasonably foreseeable to Seller and Buyer and their respective agents. Seller disclaims all other warranties, expressed or implied, including any warranty of fitness for use or merchantability. Seller shall not be liable for consequential, special or punitive damages resulting from the use or handling of this product and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to the refund of the purchase price.