

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 OL Insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

ICI Americas, Inc.
Agricultural Chemicals Group
Concord Pike & New Murphy Road
Wilmington, DE 19807

194-140548
18/2

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 product 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 (i.e., xylenol 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 experimental application, whichever comes first.
 - b. Field study to assess the impact that experimental application (if any) on the benthic organism.
 - c. You will consent to all the studies in accordance with EPA Guidelines and submit the data to the Agency by the designated dates.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

[Handwritten Signature]

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:899-1270: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

CYMBUSH[®] OL
INSECTICIDE

**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
(3.78 LITERS)

Batch No.:

EPA Establishment No 5905-AR-1
EPA Reg No 10182-80
U.S. Patent No 4,024,163

 **ICI Americas Inc.**
Agricultural Chemical Division
Wilmington, Delaware 19897

**FOR USE IN OIL ONLY
DO NOT MIX WITH WATER**

ACTIVE INGREDIENT:

Cypermethrin

(±)-cyano-(3-phenylphenyl) methyl (±)-cis
trans-3-(2,2-dichloroethoxy)-2,
7-dimethylcyclopropanecarboxylate

36.6%

INERT INGREDIENTS

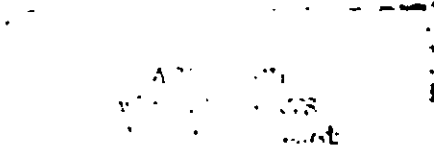
63.4%

TOTAL

100.0%

*Cp/trans ratio 45/55 ± 10

CYMBUSH OL contains 3 pounds active ingredient per gallon


JAN 14 1985

10182-80

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

Contains Caustic eye irritant and skin irritant. May be fatal if swallowed. Harmful if absorbed or inhaled through skin. Do not get in eyes or skin or on clothing. Wear protective clothing when spraying. Wear protective clothing, eye protection, gloves. At the end of the day, wash hands thoroughly. Avoid breathing vapors or spray mist. Wash thoroughly after handling. May cause allergic skin 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: Indicate spraying as first aid. 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 CHEMREC INC. 202/575-2000.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to fish and other aquatic organisms in fresh water. Do not apply directly to water. Do not apply other aquatic organisms. Do not apply to ornamental plants. Do not apply to lawns or gardens. Do not apply to crops or animals. This product is highly toxic to birds or insects. Do not apply to areas where birds or insects are active. Do not apply to areas where children or pets are active. Additional information may be obtained from your Cooperative Extension Service. Apply this product only as specified on the label.

In case of a spillage, call CHEMREC 202-575-2000.

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

STORAGE AND DISPOSAL

RESTRICTIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty containers.

STORAGE: Keep container closed when not in use. Do not store near heat or flame. Protect from freezing. In case of spill or leak or fire or animal contact, wash up with soap and water or appropriate treatment. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely toxic. Follow the label of waste products. Spray nozzles or nozzles is a collection of labels. Do not dump or discard for disposal. If you are unable to take appropriate action, contact your State Pesticide or Environmental Control Agency or the nationwide waste representatives of the National Pesticide Organizers for guidance.

CONTAINER DISPOSAL: Empty Containers: Triple rinse or equivalent. Then offer for recycling or reconditioning or purchase and disposal of a secondary container or by other procedures approved by state and local authorities. Plastic Containers: Triple rinse or equivalent. Then offer for recycling or reconditioning or purchase and disposal of a secondary container or by other procedures approved by state and local authorities. Then dispose of as a secondary container 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 OL 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	Dilute CYMBUSH OL with at least a once refined non-phytotoxic crop oil such as cottonseed or soybean oil. Apply using a finished spray volume of 1-2 quarts per acre. Agricultural mineral oils are not recommended. Do not apply more than 1.0 lb a.i. per acre per season. Apply as required by scouting reports, usually at intervals of 5 to 7 days. For boll weevil control, spray on a 3 to 4 day schedule. 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 infestation of bollworm, budworm, pink bollworm, cabbage looper, and lygus. NOTE: 1.) The use of rates lower than 0.06 lb a.i./A should be used only in conjunction with intense field monitoring. 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. Do not apply within 14 days of harvest. Do not graze livestock in treated areas.
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*		

RATE CONVERSION CHART

Pounds Active Acres	Fluid Ounces Acres	Pints Acres	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

*Aids in Suppression

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 User assumes the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT 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.