

10182-65, PM-15, 1/5

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JAN 27 1987

Mrs. Barbara J. Kaminski
ICI Americas, Inc.
Agricultural Chemicals Division
Concord Pike and New Murphy Road
Wilmington, DE 19897

Dear Mrs. Kaminski:

Subject: Proposed Labeling for the Use of a Tank
Mixture of CYMBUSH[®] 2E Insecticide and Several
Insecticides in Cotton and Pecans
CYMBUSH[®] 2E Insecticide
EPA Registration No. 10182-64
CYMBUSH[®] 3E Insecticide
EPA Registration No. 10182-65
Your Amended Application Dated April 16, 1986

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided:

1. The labeling is revised in accordance with labeling submitted April 25 and May 1, 1986.
2. Add the following statement to the Statement of Practical Treatment:

If Inhaled: Remove victim to fresh air. Apply artificial respiration if necessary.

91905: Heyward: LR-6: KENCO: 1/6/87: 2/14/87: bjp: vo
R: 91940: Heyward: LR-6: KENCO: 1/20/87: 1/30/87: tar: vo

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

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:
30 U.S. GALLONS
(113.56 LITERS)

Batch No.:

EPA Establishment No. 5905-AR-1
EPA Reg. No. 10182-65
U.S. Patent No. 4,024,163

ICI Americas Inc.
Agricultural Chemicals Division
Wilmington Delaware 19897

ACTIVE INGREDIENT:

Cypermethrin

(±)α-cyano-(3-phenoxyphenyl) methyl (±)-cis,
trans-3-(2,2-dichloroethyl)-2,
2-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.

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 instructions, 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.**

DIRECTIONS FOR USE

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

COTTON SPRAY RECOMMENDATIONS

Target Pests	Rate (lbs ai/A)	Remarks**
Cotton Bollworm Tobacco Budworm Bolt Weevil Pink Bollworm Lygus Bug Cabbage Looper Cotton Leafroller Cutworm spp. Thrips Beet Armyworm Flea Beetle Cotton Fleahopper Saltmarsh Caterpillar Whitefly Cotton Aphid*	0.06-0.10	Apply as required by scouting reports, usually 3 to 5 days. For boll weevil control, spray on a 3 to 5 day interval. Apply by air or ground. Use sufficient water to wet foliage. Do not apply more than 1.0 lb ai/A. In areas of the country where insects have a high resistance to insecticides, available data indicate that as low as 0.04 lb ai/A will control light infestations of bollworm, pink bollworm, cabbage looper, and cutworm. NOTE: 1) The use of rates lower than 0.06 lb ai/A in conjunction with intense field monitoring is recommended. 2) Do not use less than 0.06 lb ai/A on cotton because of the variation in size and age of plants. CYMBUSH 3E may also be applied by air to once refined vegetable oil such as cottonseed oil. Agricultural mineral oils are not recommended. Use 1 quart of finished spray per acre. CYMBUSH may be applied in tank mixture with insecticides in accordance with label limitations. Label dosage rate should not be exceeded. Chlorometom Malathion Methyl Parathion LANNATE® GUTHION® LORSBAN™ Do not apply within 14 days of harvest. Do not apply to treated areas.

*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.
LANNATE® is a registered trademark of the E. I. du Pont de Nemours & Co.
LORSBAN™ is a trademark of the Dow Chemical Company.

WARRANTY
GUTHION®
Letter Type-4

JAN 2 1987

Under the Federal Insecticide,
Fungicide and Herbicide Act
it is unlawful to sell, distribute,
or use any pesticide which does not
bear the following statement:
10182-65

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: 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 ICI AMERICAS INC., 302/575-3000.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to 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 exposed to direct treatment or residues on crops or weeds. Do not apply CYMBUSH or allow it to drift to crops or weeds on 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 significant spill, call CHEMTREC, 800/424-9300.

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. Open dumping is prohibited. Do not reuse empty container.

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

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

CONTAINER DISPOSAL: **Metal Containers:** 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. **Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. 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.

ACD 795-090 A.E

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.

SUPPLEMENTAL LABEL FOR USE ON PECANS



BEST AVAILABLE COPY

CYMBUSH® 3E Insecticide
EPA Reg. No: 10182~

DIRECTIONS FOR USE

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

Apply CYMBUSH® 3E Insecticide as shown in the following chart. Timing and frequency of applications should be based upon insect populations reaching economic thresholds. The higher rate may be required under conditions of heavy infestation.

DIRECTIONS FOR APPLICATION

Crop	Target Pests	Rate (lbs. a.i./A)	Remarks
Pecans	Hickory Shuckworm Yellow Pecan Aphid Black Pecan Aphid Pecan Nut Casebearer Pecan Weevil	0.06-0.10*	Apply by ground equipment to the point of drip. The CYMBUSH® 3E rates are based on a standard of 100 gallons of dilute spray per acre for smaller trees. For larger trees which could require 200-300 gallons of spray per acre, apply at the rate of 0.06-0.10 lb. a.i./200-300 gallons of water. In order to calculate the correct gallons of water needed to spray one acre of your trees to the point of drip, you may need to conduct a test. If you do not know how to conduct such a test with your equipment, you should request assistance from your equipment dealer. Can be applied only prior to shuck-split and a PHI of at least 21 days must be observed. Do not apply more than 0.8 lb. a.i. per acre per crop season. Do not graze livestock on treated ground or cut treated cover crops for feed.

COPY B

*2.56-4.27 fl. oz./A

All application directions, restrictions, and precautions on the EPA-registered label are to be followed.