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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

CONCURRENCES

DL							
SURNAME							
DATE							

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

COPY A

ADD: CURACRON  
LARVIN

COPY B

ADD:

CYMBUSH may be applied in tank mixture with the following pesticides in accordance with label limitations and precautions. Label dosage rates should not be exceeded.

LORSBAN	BENLATE
SYSTOX	DUTER
EPN	SUPER TIN
ZOLONE	CYPREX
DISYSTON	TOPSIN
ETHION	

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

**WARNING  
MAY BE HARMFUL IF SWALLOWED.  
MAY CAUSE EYE IRRITATION.**

Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing when spraying. Wear protective clothing, impermeable gloves, full face shield, rubber apron and boots when handling or mixing concentrate. 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.

**FIRST AID:** If swallowed, do not induce vomiting. Call a physician immediately. In case of contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes. If necessary see a physician. In case of contact with skin, immediately remove contaminated clothing and flush skin with water.

**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., 302/375-3000.

**ENVIRONMENTAL HAZARDS:** This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Keep out of lakes, streams, ponds, tidal marshes or estuaries. Do not allow drift from broadcast application. 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 2E 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, 800/424-9308.

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

**STORAGE AND DISPOSAL**

**CONTAINER:** 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 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 toxic. Improper disposal of disease pesticides, spray mixture or residue 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 at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple Rinsing: 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. Flush 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. Empty Containers: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.

**NOTICE TO BUYER AND USER:** Seller warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set out on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller and Buyer and Seller assumes the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS 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.

**RESTRICTED USE PESTICIDE**

For retail sale to and use only by Certified persons under their direct supervision, or uses covered by the Certified Applicator



Keep  
of R  
of Ch  
WAR

See Side Panel  
Precautionary  
Statement of I

Net Contents:  
**ONE U.S.  
(3.78 LITERS)**

Batch No.:

EPA Establishment  
EPA Reg. No. 10  
U.S. Patent No. 4



**ACTIVE INGREDIENT:**

Cypermethrin  
(±)-α-cyano-(3-phenoxycyphenyl) methyl (±)-cis,  
trans-3-(2,2-dichloroethoxy)-2,  
2-dimethylcyclopropanecarboxylate\*

**INERT INGREDIENTS**

**TOTAL**

\*Cis/trans ratio 45/55 ± 10

CYMBUSH 2E contains 2 pounds active ingredient per gallon.

**BEST AVAILABLE COPY**

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Apply CYMBUSH 2E 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 RECOMMENDATION 3

Target Pests	Rate (lb a.i./A)	Remarks**
Cotton Bollworm Tobacco Budworm Boll Weevil Pink Bollworm Lygus Bug Cabbage Looper Cotton Leafroller Cutworm spp. Thrips Beet Armyworm Flax Beetle Cotton Fleahopper Saltmarsh Caterpillar Whitefly Cotton Aphid	0.06-0.10	<p>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.</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><b>NOTE:</b></p> <ol style="list-style-type: none"> <li>1) The use of rates lower than 0.06 lb a.i./A should be used only in conjunction with intense field monitoring.</li> <li>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.</li> </ol> <p>CYMBUSH 2E 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 directions and precautions. Label dosage rates should not be exceeded:</p> <p>Chlorfenvinphos      Malathion Methyl Parathion      LANNATE® GUTHION®              LORSBAN®</p> <p>Do not apply within 14 days of harvest. Do not graze livestock in treated areas.</p>

\*Aids in application

\*\* Not for use in all California.

### RATE CONVERSION CHART

Pounds Active/Acre	Fluid Ounces/Acre	Pints/Acre	Acres Treated/Gallon
0.06	3.84	0.24	33.33
0.08	5.12	0.32	25.00
0.10	6.40	0.40	20.00

CYMBUSH® is a registered trademark of ICI Americas Inc.; GUTHION® is a registered trademark of the Parent Company of Farbwerke/Bayer GmbH, Leverkusen; LANNATE® is a registered trademark of the E. I. du Pont de Nemours & Co. LORSBAN® is a trademark of the Dow Chemical Company.

COPY A

BEST AVAILABLE COPY

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**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



**CYMBUSH® 2E 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® 2E 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® 2E 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

\*3.84-6.40 fl. oz./A

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

**This labeling must be in the possession of the user at the time of pesticide application**