

NOTICE OF PESTICIDE☒ REGISTRATION
☐ REREGISTRATION**NAME OF PESTICIDE PRODUCT**(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)**KARATE Insecticide****NAME AND ADDRESS OF REGISTRANT (Include ZIP code)**

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

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) for a period not to exceed August 30, 1990. In addition during the period this registration is effective, you must:

1. Submit the data required by the deadlines listed below, from studies conducted in accordance with the Good Laboratory Practice Standards (40 CFR Part 160) and appropriate test guidelines as referenced in EPA's Data Requirements for Registration (40 CFR Part 153).

A. Fish Life-Cycle Test (72-5)

- (1) First progress report is due in May, 1989.
- (2) Second progress report is due in October, 1989.
- (3) A final report is due in August, 1990.

B. Aquatic Invertebrate Life-Cycle Test (72-4)

- (1) A progress report is due in May, 1989.
- (2) A final report is due in August, 1989.

C. Avian Reproduction- Mallard (71-4)

- (1) A progress report is due in May, 1990.
- (2) A final report is due in May, 1990.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL**DATE**

5/13/89

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(1) data discrepancies must be resolved to upgrade study to "core". If resolution of the discrepancies is not satisfactory, a repeat study using PP321 will be required.

2. The following labeling revisions must be made before the product may be released for shipment:

a. ENDANGERED SPECIES RESTRICTIONS

- This product may pose a hazard to endangered aquatic species. Do not apply this product within 100 yards of aquatic habitats in the following counties:

ALABAMA: Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgans, Pickens, and Sumter

ARIZONA: Graham, Maricopa, Pima, Pinal, and Santa Cruz

ARKANSAS: Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp, and ST. Francis

FLORIDA: Broward, Dade, Glades, and Palm Beach

KENTUCKY: Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McGeary, Pulaski, Rockcastle, Taylor, Warren, and Wayne

MISSISSIPPI: Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe, and Noxubee

NEVADA: Clark

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NEW MEXICO: Edgecombe, Nash, and Pitt

OKLAHOMA: Delaware, McCurtain, and Pushmataha

TENNESSEE: Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan, and Wayne

CONCURRENCES

SYMBOL	TS-7626	TS-767C	TEXAS: Bastrop, Burleson, Comal, Harris, Hays, Jeff Davis, Pecos, and Reeves				
SURNAME	Diquely	Taney	<u> </u>				
DATE	1/28/81	5/12/81	5/12				

VIRGINIA: Lee, Russell, Scott, Smyth, Tazewell, Washington, and Wise

- This product may pose a hazard to the endangered Attwater's Greater Prairie Chicken. Do not use this product in the following counties:

TEXAS: Aransas, Austin, Colorado, Fort Bend, Goliad, Refugio, and Victoria

h. Based on the acute toxicity to aquatic organisms and fish, and the potential for chronic toxicity to these species, the product is classified for restricted use. Therefore, add the following statements to the front panel of the label:

RESTRICTED USE PESTICIDE

Toxic to Fish and Aquatic Organisms

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.

- c. Revise the water contamination statements to:
"Do not contaminate water when disposing of equipment washwaters."
- d. Revise the eye irritation statement to "Causes Eye Injury".
- e. Revise the container disposal statements for plastic containers to "Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke."
- f. The following general worker protection statements must be added to the label:
 - 1- Since this product is in Toxicity category I add to the front panel of the label, "PELIGRO" PRECAUTION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente. (To the user: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

2- Under the heading RE-ENTRY add "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. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information."

4- The following protective clothing statements must appear on the product label or in supplementary labeling which accompanies the immediate container label.

"WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT WHEN HANDLING THE CONCENTRATE AND DURING APPLICATION, EQUIPMENT REPAIR, CLEANING, DISPOSAL OF THE SPRAY SOLUTION, AND DURING EARLY RE-ENTRY TO TREATED AREAS."

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves and chemical resistant boots, shoes, or shoe coverings. Wear goggles or faceshield. A helmet with visor is acceptable during application from nonenclosed cockpits. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR 11.

During application only from a tractor with a completely enclosed cab or aerially with an enclosed cockpit, long sleeve shirt and long-legged pants may be worn in place of the above protective equipment. Chemical resistant gloves must be made available in the cab or cockpit and must be worn while exiting. This clothing is inadequate to protect you during equipment repairs, equipment cleaning, spray solution disposal or early re-entry.

IMPORTANT! Before removing gloves, wash hands, face, and arms with soap and water before, eating, drinking, or toileting.

**HUMAN FLAGGERS ARE PROHIBITED UNLESS
IN TOTALLY ENCLOSED VEHICLES.**

A statement must appear on the immediate pesticide container label which refers the applicator to the supplemental labeling for detailed protective clothing directions.

- g. Segregate the misuse statement from the rest of the label text.

3. Submit product information (pounds or gallons produced) for this product for the fiscal year in which the use on cotton is conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1, and ends September 30. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information is to be submitted to:

Registration Support and Emergency Response
Branch
Registration Division (TS-767C)
Environmental Protection Agency
401 M Street SW.
Washington, DC 20460

You should note that if you fail to satisfy any of the conditions imposed on this registration, e.g., you fail to submit the required data by the specified deadlines or the data submitted were not in generated in accordance with the applicable test Guidelines, EPA may issue a notice to cancel this use under FIFRA section 6(e).

You should note that, regardless of whether you satisfy all applicable conditions, this conditional registration will expire automatically on August 30, 1990. Sale and Distribution of the subject product bearing labeling for use on cotton after August 30, 1990 will be illegal. The tolerance authorizing residues of the subject product on cotton will also expire automatically on August 30, 1991.

After that date, sale or distribution of food in interstate commerce containing any residues of the subject product will be a violation of the Federal Food, Drug, and Commerce Act.

4. Simultaneous Reporting to the Office of Compliance Monitoring

The Office of Compliance Monitoring (OCM) will be monitoring the data being generated in response

2016
to this letter. Therefore, if you respond to this letter by:

- committing to develop and/or submitting data;
- requesting a minor chemical exemption;
- presenting arguments that a requirement is not applicable;
- submitting protocols or modifications to them;
- or requesting extensions in the due date for submitting final reports;

you must send a copy of the supporting information (not copies) of the actual data to:

Laboratory Data Integrity Assurance Division
Office of Compliance Monitoring (EN-342)
Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Finally, once the required data have been submitted and evaluated, EPA will entertain an application to amend the registration of the subject product to allow the unconditional use on cotton without any special restriction on the duration of the registration.

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

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

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.

KARATE®
INSECTICIDE

Keep Out of
Reach of Children
DANGER

See Side Panel For Additional
Precautionary Statements.

Net Contents:
ONE GALLON
(3.79 Liters)

DIRECTIONS F

It is a violation of Federal law to
manner inconsistent with its l
Refer to the Supplemental Pa
for Use. Do not apply this prod
of irrigation system.

NOT REV

In accordance with
Based on draft lab

PELIGRO PRECAUCION AL USUARIO:

Si usted no puede leer o entender Ingles, no use este producto hasta que la etiqueta le haya sido
explicado ampliamente.

ACTIVE INGREDIENT:

[1a(S*),3a(Z)]-(±)-cyano(3-phenoxyphenyl)methyl 3-(2-chloro-
3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate 13.1%

INERT INGREDIENTS 86.9%

TOTAL 100.0%

KARATE contains 1 pound of active ingredient per gallon and is an emulsifiable concentrate.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. **IF
SWALLOWED:** Do not induce vomiting. Call a physician immediately. **IF INHALED:** Remove victim to fresh
air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. **IF IN
EYES:** Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and
speed flushing procedure for several minutes. 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 Medical Emergency Information Center,
1-800-327-8633.

5/24/85

DIRECTIONS FOR USE

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

Refer to the Supplemental Pamphlet for Directions for Use. Do not apply this product through any type of irrigation system.

Refer to product labeling for use restrictions to protect ENDANGERED SPECIES.

RE-ENTRY STATEMENTS

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. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

STORAGE AND DISPOSAL

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

STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. 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 approved State and local procedures. Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by 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.

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 assume 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY. HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIN REACTIONS. Do not get on skin, in eyes or on clothing. Do not breathe spray mist. Wear a mask or pesticide respirator approved by NIOSH under the provisions of 30 CFR 11. Wear goggles or face shield, protective clothing, and rubber gloves when mixing. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

Refer to the supplemental labeling for detailed protective clothing directions.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and wildlife. Do not contaminate water when disposing of equipment wash waters. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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

In case of a significant spill, call CHEMTREC, 800/424-9300.



Agricultural Products

Wilmington, Delaware 19897

A Business Unit of ICI Americas Inc.

EPA Est No 5905-AR-1

EPA Reg No 10182-96

Batch No.

During application only from a tractor with a completely enclosed cab or aerially with an enclosed cockpit, long sleeve shirt and long legged pants may be worn in place of the above protective equipment. Chemical resistant gloves must be made available in the cab or cockpit and must be worn while applying this clothing is inadequate to protect from equipment repairs, equipment cleaning, spray solution disposal or early re-entry.

IMPORTANT: Before removing gloves wash hands with soap and water. Always wash hands before smoking, eating, drinking or spitting.

HUMAN FLAGGERS ARE PROHIBITED UNLESS IN TOTALLY ENCLOSED VEHICLES

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and wildlife. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

In case of significant spill call CHEMTREC 800/424-9300.

HYPERALORCHEMICAL HAZARDS: Do not store near heat or open flame.

ENDANGERED SPECIES RESTRICTIONS

This product may pose a hazard to endangered aquatic species. Do not apply this product within 100 yards of aquatic habitats in the following counties:

ALABAMA: Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens, and Sumter.

ARIZONA: Graham, Maricopa, Pima, Pinal and Santa Cruz.

ARKANSAS: Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsett, Polk, Randolph, Sharp, and St. Francis.

FLORIDA: Broward, Dade, Glades and Palm Beach.

KENTUCKY: Ballard, Butler, Edmonson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne.

MISSISSIPPI: Claiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Neshoba.

NEVADA: Clark.

NORTH CAROLINA: Edgecombe, Nash and Pitt.

OKLAHOMA: Delaware, McCurtain and Pushmataha.

TENNESSEE: Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan and Wayne.

TEXAS: Bastrop, Burleson, Comal, Harris, Hays, Jeff Davis, Pecos and Reeves.

VIRGINIA: Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise.

This product may pose a hazard to the endangered **Attwater's Greater Prairie Chicken**, and is prohibited from use in the following counties:

TEXAS: Aransas, Austin, Colorado, Fort Bend, Goliad, Refugio and Victoria.

NOTICE TO BUYER AND USER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose 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 assume 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 THE 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.

STORAGE AND DISPOSAL

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

STORAGE

Store in original containers only. Keep container closed when not in use. Do not store near food or feed. 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 approved State and local procedures. **Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by 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.

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

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.

KARATE

INSECTICIDE

SUPPLEMENTAL PAMPHLET

For Use to
Control Certain Insects
on Cotton

DIRECTIONS FOR USE

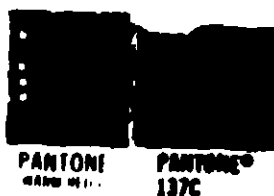
PELIGRO

PRECAUCION AL USUAR

Si usted no puede leer o entender, no use este producto hasta que la etiqueta le haya sido explicado completamente.

NOT REVIEWED
In accordance with PR Notice 82-2.
Based on draft labelling dated 5-13-88

Red, 4 PMS 137 Yellow.



DIRECTIONS FOR USE

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

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

Do not apply this product through any type of irrigation system.

Apply KARATE as shown in the following chart.

RE-ENTRY STATEMENTS

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. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Keep Out of Reach of Children

DANGER

ACTIVE INGREDIENT

(1a(S)-3a(Z))(1)-Cyano
(3-phenoxyphenyl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2-dimethylcyclopropanecarboxylate 13.1%

INERT INGREDIENTS 86.9%

TOTAL 100.0%

KARATE contains 1 pound of active ingredient per gallon and is an emulsifiable concentrate.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. 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 Medical Emergency Information Center, 1-800-327-8633.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive, Causes Skin Damage.
May Be Fatal If Swallowed or Inhaled.

Causes Eye Injury.

Harmful If Absorbed Through Skin.
May Cause Allergic Skin Reactions.

DO NOT get on skin, in eyes or on clothing. DO NOT breathe spray mist. WEAR a mask or pesticide respirator approved by NIOSH under the provisions of 30 CFR 11. WEAR goggles or face shield, protective clothing, and rubber gloves when mixing. WASH thoroughly with soap and water after handling and before eating, drinking or using tobacco. REMOVE contaminated clothing and wash before reuse.

WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT WHEN HANDLING THE CONCENTRATE AND DURING APPLICATION: EQUIPMENT REPAIR, CLEANING, DISPOSAL OF THE SPRAY SOLUTION, AND DURING EARLY RE-ENTRY TO TREATED AREAS.

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves and chemical resistant boots, shoes or shoe coverings. Wear goggles or face shield. A helmet with visor is acceptable during application from nonenclosed cockpits. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR 11.

RATE CONVERSION CHART

Lb a.i. / Acre	Fl. oz. / Acre	Pints / Acre	Treated/ Bottle
0.01	1.28	0.08	10
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

COTTON SPRAY RECOMMENDATIONS

Target Pests	Rate (Lb. a.i./A) (Fl. oz./A)	Remarks
Thrips spp. Tobacco Thrips Soybean Thrips	0.01-0.02 1.28-2.56	Apply as required by scouting usually at intervals of 5-7 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
Lygus Bugs Pink Bollworm Cabbage Looper Cotton Leafperforator Cutworm spp. Saltmarsh Caterpillar Cotton Fleahopper	0.02-0.03 2.56-3.84	Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Under light bollworm/budworm infestation levels 0.02 lb. a.i./A may be applied in conjunction with intense field monitoring. For boll weevil control spray on a 3-5 day schedule. Do not apply within 21 days of harvest. Do not apply more than 1.6 pints (0.2 lb. a.i.) per acre per season. Do not graze livestock in treated areas.
Cotton Bollworm Tobacco Budworm Boll Weevil Fall Armyworm Beet Armyworm European Corn Borer Brown Stink Bug Green Stink Bug Southern Green Stink Bug Twospotted Spider Mite Cotton Aphid Bar-chewing Weevil Soybean Weevil	0.025-0.04 3.20-5.12	

*Suppression only



Agricultural Products

Wilmington, Delaware 19807

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01-0584-019 E/M

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