

PM 15 1012-916 184

Page 1 of 4  
KARATE Container  
RS-051388G

Front Panel

**RESTRICTED USE PESTICIDE**

**Toxic to fish and aquatic organisms.**

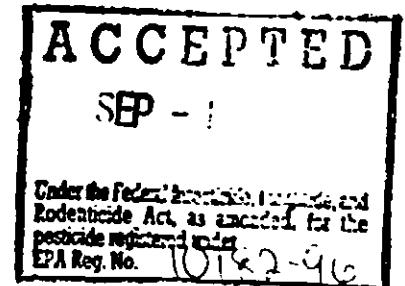
For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

**KARATE® Insecticide  
FOR USE TO CONTROL CERTAIN INSECTS IN COTTON**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panel for additional precautionary statements.



**ACTIVE INGREDIENT**

Lambdacyhalothrin

[1 $\alpha$ (S\*), 3 $\alpha$ (Z)]-( $\pm$ )cyano(3-phenoxyphenyl)methyl-  
3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-  
dimethylcyclopropanecarboxylate. . . . . 13.1%

INERT INGREDIENTS. . . . . 86.9%  
TOTAL . . . . . 100%

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.

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FOR 24-HOUR EMERGENCY ASSISTANCE, CALL  
(800)-F-A-S-T-M-E-D (327-8633).

IN CASE OF TRANSPORTATION EMERGENCIES OR SIGNIFICANT SPILL,  
CALL CHEMTREC (800)-424-9300.

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Side Panel

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 jointly approved 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 AND HUMAN FLAGGER DIRECTIONS.

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 if bees are visiting the treatment area.

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

Back Panel

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 other approved State and local procedures. Glass Containers: triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other approved State and local procedures

KARATE Container  
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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.

ICI Agricultural Products  
ICI Americas Inc.  
Wilmington, Delaware 19897

EPA Est. No. 5905-AR-1  
EPA Reg. No. 10182-96  
Batch No.:

50811

(Front Cover)

**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 USUARIO:**

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

(Back Cover)

**RATE CONVERSION CHART**

<b>Lb ai/ Acre</b>	<b>Fl oz/ Acre</b>	<b>Pints/ Acre</b>	<b>Treated/ Gallon</b>
0.01	1.28	0.08	100
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

(ICI Rondel) Agricultural Products  
ICI Americas Inc  
Wilmington, Delaware 19897

ICI Americas Inc. 1989  
EPA Reg. No. 10162-96  
(Label Code)

KEEP OUT OF REACH OF CHILDREN

D A N G E R

ACTIVE INGREDIENT

Lambdacyhalothrin

[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%

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### D A N G E R

CORROSIVE, CAUSES SKIN DAMAGE.  
MAY BE FATAL IF SWALLOWED OR INHALED.  
CAUSES EYE INJURY.  
HARMFUL IF ABSORBED THROUGH SKIN.  
MAY CAUSE ALLERGIC SKIN REACTION.

DO NOT get on skin, in eyes or on clothing.

DO NOT breath 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 of 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.

During application only from a tractor with a completely enclosed cab or aurally 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 with soap and water. Always wash hands before smoking, eating, drinking, or toileting.

Human flaggers must either be in totally enclosed vehicles or wear a protective suit, chemical-resistant gloves; a chemical-resistant hat with a wide brim or a hood; chemical-resistant shoes, shoe covers or boots; a respiratory protective device, and a face shield.

**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 if bees are visiting the treatment area.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use or 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, 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, Edmonson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne.

MISSISSIPPI: Clairborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Noxubee.

NEVADA: Clark.

NORTH CAROLINA: Edgecombe, Nash, and Pitt

OKLAHOMA: Delaware, McCurtain, and Pushmataha.

TENNESSEE: Bedford, Blount, Clairborne, 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.



#### 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.

KARATE® Insecticide may be applied in tank mixtures with other products approved for use on cotton. Observe all restrictions and precautions which appear on the labels of these products.

#### 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.

Apply KARATE as shown in the following chart:

# COTTON SPRAY RECOMMENDATIONS

Target Pests	Rate		Remarks
	(lb ai/A)	(fl oz/A)	
Thrips Spp. Tobacco Thrips Soybean Thrips	0.01-0.02	1.26-2.56	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 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 ai/A may be applied in conjunction with intense field monitoring.  For boll weevil control spray on a 3-5 day schedule.
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* Bandedwing Whitefly* Sweetpotato Whitefly*	0.025-0.04	3.20-5.12	Do not apply within 21 days of harvest  Do not apply more than 1.6 pints (0.2 lb ai) per acre per season.  Do not graze livestock in treated areas.

\* Suppression only.

\*\* For control of the first and second instar only.

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## **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 toxic. 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 at 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 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 offer for recycling or reconditioning or puncture and 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.

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**BEST AVAILABLE COPY**