
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 on Cotton

ACTIVE INGREDIENT:

Lambda-cyhalothrin

[1 α (S*),3 α (Z)]-(\pm)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-p,openyl)-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.

KEEP OUT OF REACH OF CHILDREN

DANGER

**Refer to the Supplemental Labeling for Detailed Protective Clothing
and Human Flagger Directions**

EPA Est. No. 10182-AR-1
EPA Reg. No. 10182-96

U.S. Patent No.
Net Contents:

Made in U.S.A. by
ICI Agricultural Products
A business unit of ICI Americas Inc.
Wilmington, DE 19897

ACCEPTED
MAR 23

10182-96

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 MEDICAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D
(327-8633).**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC
1-800-424-9300.**

~~For other product information, contact your local ICI Americas Inc. Distributor or see Material
Safety Data Sheet.~~

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.

Skin exposure may also result in a sensation described as a tingling, itching, burning or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2-30 hours, without damage. Wash exposed area once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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. Do not contaminate water when disposing of equipment washwaters.

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.

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.

REENTRY 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 reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

STORAGE AND DISPOSAL

PROHIBITIONS: 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 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, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

FOR BOOMERANG CONTAINERS

CONTAINER DISPOSAL: Return container to ICI Americas Inc. for reuse with seal intact and in salable condition.

FOR BULK/MINI-BULK CONTAINERS

CONTAINER DISPOSAL

Plastic Containers: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

FOR EZ HANDLER CONTAINERS

CONTAINER DISPOSAL

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.

FOR MINI-BULK AND E-Z HANDLER CONTAINERS

CONTAINER PRECAUTIONS

Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

REFILL ONLY WITH KARATE INSECTICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than KARATE insecticide will result in contamination and may weaken container.

BEST AVAILABLE COPY

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

BEST AVAILABLE COPY

IMPORTANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, 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 conditions or under conditions not reasonably foreseeable to or beyond the control of 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.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. 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.

KARATE® is a trademark of an ICI Group Company.

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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.

EPA Est. No.
EPA Reg. No. 10182-96
U.S. Patent No.

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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.

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~~For other product information, contact your local ICI Americas Distributor or see Material Safety Data Sheet.~~

BEST AVAILABLE COPY

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 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 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.

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.

Skin exposure may also result in a sensation described as a tingling, itching, burning or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2-30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

BEST AVAILABLE COPY

Human flaggers in the treated area 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 aquatic invertebrates. Do not apply directly to water or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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. Do not contaminate water when disposing of equipment washwaters.

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.

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.

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details. ✓

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area. ✓

REENTRY 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® insecticide as shown in the following chart:

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SPRAY RECOMMENDATION				
Crop	Target Pest	Rate		Remarks
		lb ai/A	fl oz/A	
Cotton	Thrips Spp. Tobacco Thrips Soybean Thrips	0.01-0.02	1.28-2.56	<ul style="list-style-type: none"> • Apply as required by scouting, usually at intervals of 5-7 days. applications should be based upon insect populations reaching thresholds. • Apply with ground or air equipment using sufficient water to obtain adequate coverage. • Under light bollworm/budworm infestation levels, 0.02 lb ai/A may be sufficient. Under intense field monitoring. • For boll weevil control spray on a 3-5 day schedule. • When applied according to label directions for control of cotton insects, KARATE insecticide also provides ovicidal control of unhatched eggs. • Do not apply within 21 days of harvest. • Do not graze livestock in treated areas. • Do not apply more than 1.6 pints (0.2 lb ai) per acre per season. • Do not make more than a total of 10 synthetic pyrethroid applications (any combination of products) to a cotton crop in one growing season. Do not include AMBUSH® insecticide, Amro® insecticide, Asana® XL emulsifiable pyrethroid insecticide, Capture® insecticide/miticide, KARATE® insecticide, Pounce® insecticide, and Scout® insecticide. • Do not apply by ground within 25 feet, or by air within 75 feet of permanent streams, marshes or natural ponds; estuaries and coastal areas. • SPRAY DRIFT PRECAUTIONS <ul style="list-style-type: none"> • All aerial and ground application equipment must be properly calibrated and use appropriate carriers. • Do not make aerial or ground applications during temperature inversions. • Make aerial or ground applications when the wind velocity favors down-drift (approximately 3 to 10 mph). Do not apply when wind velocity is from up-drift. • For aerial applications, the spray boom must be mounted on a rigid structure to prevent drift caused by wingtip or rotor vortices. Boom length must not exceed rotor diameter.
	Lygus Bugs Pink Bollworm Cabbage Looper Cotton Leafperforator Cutworm Spp. Saltmarsh Caterpillar Cotton Leafworm Cotton Fleahopper	0.02-0.03	2.56-3.84	
	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	

* Suppression only

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

EXCESS 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 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, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

FOR BOOMERANG CONTAINERS

CONTAINER DISPOSAL: Return container to ICI Americas Inc. for reuse with seal intact and in salable condition.

FOR BULK/MINI-BULK CONTAINERS

CONTAINER DISPOSAL

Plastic Containers: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions.

FOR EZ HANDLER CONTAINERS

BEST AVAILABLE COPY

CONTAINER DISPOSAL

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.

FOR MINI-BULK AND E-Z HANDLER CONTAINERS

CONTAINER PRECAUTIONS

Before refilling, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

REFILL ONLY WITH KARATE INSECTICIDE. The contents of this container cannot be completely removed by cleaning. Refilling with materials other than KARATE insecticide will result in contamination and may weaken container.

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KARATE Booklet

KAR096B.RSJ - RS-030292J

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

IMPORTANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, 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 conditions or under conditions not reasonably foreseeable to or beyond the control of 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.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. 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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Ammo®, Capture®, and Pounce® are trademarks of FMC Corporation.
Asana® is a trademark of E. I. du Pont de Nemours & Co. (Inc.).
Baythroid® is a trademark of Mobay Corporation.
Scout® is a trademark of Hoechst-Roussel Agri-Vet Company.

RATE CONVERSION CHART

LB AI PER ACRE	FL OZ PER ACRE	PINTS PER ACRE	TREATED ACRES PER GALLON
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