



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO. **9226.379**

**GROUP 3 INSECTICIDE**

PULL HERE TO OPEN 



**Scimitar<sup>®</sup> CS**  
Insecticide

**syngenta<sup>®</sup>**

## Insecticide

For Use by Individuals/Firms Licensed or Registered by the State to Apply Pesticide Products. States May Have More Restrictive Requirements Regarding Qualifications of Persons Using This Product. Consult the Pest Control Regulatory Agency of Your State Prior to Use of This Product.

Used to Control Insect Pests on Ornamentals and Lawns in Landscaped Areas Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields.

Active Ingredient:

Lambda-cyhalothrin\*  
(CAS No. 91465-08-6) . . . . . 9.7%

Other Ingredients: . . . . . 90.3%

Total: . . . . . 100.0%

\*Synthetic pyrethroid formulated as a capsule suspension (microencapsulated).

Contains 0.88 lb active ingredient per gallon or 0.22 lb active ingredient per quart.

**KEEP OUT OF REACH OF CHILDREN.**

## CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1078 EPA Est. No. 61282-WI-1

Product of the United Kingdom Formulated in the USA

SCP 1078A-L1D 1113

4034702

**1 pint** Net Contents



<b>FIRST AID</b>	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give <b>any</b> liquid to the person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

*continued...*

### **FIRST AID (continued)**

<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
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Have the product container or label with you when calling a poison control center or doctor or going for treatment.

### **HOT LINE NUMBER**

For 24 Hour Medical Emergency Assistance (Human or Animal)  
Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident)  
Call  
**1-800-888-8372**

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

#### **CAUTION/PRECAUCIÓN**

Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist or vapors. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

### **Environmental Hazards**

This product is extremely toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on this label. Care should be used when making applications to avoid household pets, particularly fish and reptile pets.

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.

Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, do not apply this pesticide within 25 ft of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. In the state of New York, do not apply within 100 ft of coastal marshes or streams that drain into coastal marshes.

Do not make applications when wind speed is 15 mph or greater.

Notify State and/or Federal authorities and Syngenta immediately if you observe any adverse environmental effects due to the use of this product.

### **Physical and Chemical Hazards**

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

## **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA Crop Protection, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED

BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## **DIRECTIONS FOR USE**

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

**IMPORTANT:** Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on lawns or grounds.

Scimitar® CS may be used for applications to maintain indoor or outdoor areas where turf and ornamentals are grown such as residential landscaped areas and non-residential landscapes around institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

**IMPORTANT:** Time application to flowering plants during periods when pollinating insects are not present, such as in early morning or late evening.

### **USE RESTRICTIONS**

- **Do not** apply this product through any type of irrigation system.
- **Do not** apply this product to edible crops.
- **Do not** apply this product by aerial application.
- **Do not** water the treated area to the point of run-off.
- **Do not** make applications during rain.
- **Do not** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. During application, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Treatment to soil or vegetation around structures;
  2. Applications to lawns, turf, and other vegetation;
  3. Applications to building foundations, up to a maximum height of 3 feet above grade;

4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
  6. Applications made through the use of a coarse, low-pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

This product is restricted for use in New York State. Only for sale to, use and storage by certified applicators.

### **Resistance Management**

Scimitar CS is a Group 3 insecticide that contains the active ingredient lambda-cyhalothrin. Due to the inherent risk of the development of resistance to any pesticide product, it is strongly advised the Scimitar CS be used in a sound resistance-management program.

It is recommended to use resistance-management practices that include, but are not limited to:

- rotating Scimitar CS with products having different modes of action
- avoiding treatment of successive generation with Scimitar CS
- using labeled rates at the specified spray intervals.

For additional information about implementing these or other resistance management practices, consult an Extension advisor or company representative.

## MIXING

Scimitar CS is intended for dilution with water for spray application and may be used in all types of application equipment. Fill application tank with  $\frac{1}{2}$  -  $\frac{3}{4}$  volume of water. Adjust water pH with a buffering agent if necessary to achieve a pH of 5-7. Slowly add Scimitar CS to applicator tank water with maximum agitation. If other chemicals are added to the applicator tank, add Scimitar CS last. Do not mix with EC formulations or oils. Fill tank to desired volume and continue to agitate while making applications. Shake or re-agitate application equipment before use if application is interrupted. Make up only amount of application volume as required.

**Scimitar CS Mixing Chart For  
Ornamental Insect Pest Control  
(Scimitar CS to add per spray tank)**

Rate of Scimitar CS	25 gal	50 gal	100 gal	200 gal	300 gal
1.5 fl oz	0.4 fl oz	0.8 fl oz	1.5 fl oz	3.0 fl oz	4.5 fl oz
3 fl oz	0.8 fl oz	1.5 fl oz	3.0 fl oz	6.0 fl oz	9.0 fl oz
5 fl oz	1.3 fl oz	2.5 fl oz	5.0 fl oz	10.0 fl oz	15.0 fl oz

**Scimitar CS Mixing Chart for Turf Insect Pest Control  
(Scimitar CS to add per 100 gal spray tank)**

Rate of Scimitar CS	Application Rate Per 1,000 Sq Ft of Turf				
	2 gal	4 gal	6 gal	8 gal	10 gal
5 fl oz/A	5.7 fl oz	2.9 fl oz	1.9 fl oz	1.4 fl oz	1.2 fl oz
10 fl oz/A	11.5 fl oz	5.7 fl oz	3.8 fl oz	2.9 fl oz	2.3 fl oz

Conversion Rate: 1 fluid ounce (fl oz) equals 29 milliliters (ml).

## Compatibility

Scimitar CS has been found to be compatible with most commonly used fungicides, miticides, liquid fertilizers, and other insecticides. Check physical compatibility using the correct proportion of products in a small jar if local experience is unavailable.

## Insect Pests Controlled In Ornamentals by Scimitar CS

Use	Pests	Amount of Scimitar CS
<b>Ornamentals</b> in Residential Landscaped Areas and Landscaped Areas Around Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas, and Athletic Fields (Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Ground- covers)	Ants (including Imported fire ants) Armyworms Azalea caterpillars Aphids Bagworms Black vine weevils (adult) Boxelder bugs Budworms California oakworms Cankerworms Cockroaches Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Fall webworms Flea beetles Forest tent caterpillars	1.5 - 5 fl oz/ 100 gal or 44 - 148 ml/100 gal

Use	Pests	Amount of Scimitar CS
<b>Ornamentals</b> in Residential Landscaped Areas and Landscaped Areas Around Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas, and Athletic Fields (Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Ground- covers) <i>(continued)</i>	Gypsy moth larvae Japanese beetles (adults) June beetles (adults) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers (adults) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Pine sawflies Pine shoot beetles Pinetip moths Plant bugs Root weevils Sawflies Scale insects (crawlers) Spiders Spittlebugs Striped beetles Striped oakworms Thrips Tip moths Tussock moth larvae Wasps	1.5 - 5 fl oz/ 100 gal or 44 - 148 ml/100 gal

*continued...*

**Insect Pests Controlled In Ornamentals  
by Scimitar CS (continued)**

Use	Pests	Amount of Scimitar CS
<b>Ornamentals</b> in Residential Landscaped Areas and Land- scaped Areas Around Institu- tional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas, and Athletic Fields (Including Trees, Shrubs, Flowers, Evergreens, Foli- age Plants and Groundcovers) (continued)	Broadmites Brown softscale California redscale (crawler) Clover mites Mealybugs Pineneedlescale (crawler) Spider mites Whiteflies	3 - 5 fl oz/ 100 gal or 88 - 148 ml/ 100 gal

Start application to ornamentals prior to the establishment of high insect pest populations. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

Apply at 7-day intervals if treatment is necessary.

Do not apply more than 0.36 lb of the ai (52.4 fl oz of concentrate) per acre per year.

Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader-sticker at specified rates may enhance the control of insects on certain species of ornamentals having waxy, hard-to-wet foliage.

For spot treatments use 0.5 fl oz Scimitar CS per 1 to 2-<sup>1</sup>/<sub>2</sub> gal of water.

Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.

**NOTE:** While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution.

Apply Scimitar CS to a selection of ornamental plants and observe them for 7 - 10 days for signs of injury prior to treating large areas if Scimitar CS has not been used locally in the past.

### **Scale**

Thoroughly cover the plant with Scimitar CS spray, including trunks, stems, twigs and foliage for control of scale insects.

### **Bagworm**

Apply Scimitar CS when bagworm larvae begin to hatch. Spray directly on the larvae. Application is the most effective when the larvae are young

## Insect Pests Controlled on Lawns by Scimitar CS

Use	Pest	Amount of Scimitar CS
<b>Lawns</b> around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields	Ants (including Imported fire ants) Armyworms Centipedes Crickets Cutworms Earwigs Fleas (adult) Grasshoppers Japanese beetles (adult) Millipedes Mites Pillbugs Sod webworms Sow bugs Ticks (including species that transmit Lyme disease)	3.4 - 7 ml/ 1,000 sq ft or 5 - 10 fl oz/A
	Bluegrass billbug (adult) Chinch bugs Black turfgrass ataenius (adult) Chiggers Fleas (adult) Grubs (suppression) Hyperodes weevils (adult) Mole crickets (nymphs and young adults)	7 ml/ 1,000 sq ft or 10 fl oz/A

Start application to turf prior to the establishment of high insect pest populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

Apply at 7-day intervals if treatment is necessary.

Do not apply more than 0.36 lb of ai (52.4 fl oz of concentrate) per acre per year.

For spot treatments, use 0.5 fl oz of Scimitar CS per 1 to 2-<sup>1</sup>/<sub>2</sub> gal of water.

Do not apply when turfgrass is waterlogged or when soils are saturated with water (i.e., will not accept irrigation).

Keep children and pets off treated areas until spray has dried following the application.

### **Surface Insect Control (armyworm, cutworms, fleas, etc.)**

Apply Scimitar CS at specified rates in 2 - 5 gal of water/1,000 sq ft. The use of a spreader-sticker may be useful if high rainfall amounts are forecast, otherwise the addition of adjuvants is not necessary under normal conditions for surface insect control in turf. Delay watering or mowing for 12 - 24 hours for optimum control of surface-feeding insect pests.

### **Thatch-Inhabiting Insect Control (chinch bugs, billbugs, etc.)**

Apply Scimitar CS at specified rates in 2 - 10 gal of water/1,000 sq ft. The use of a non-ionic wetting agent, penetrant or similar adjuvant is recommended. Lightly irrigate after application with up to <sup>1</sup>/<sub>2</sub> inch of water to move the Scimitar CS into the thatch layer. If irrigation is not available, then use high water application rates for optimum results.

### **Subsurface Insect Control (mole crickets, grubs, etc.)**

Apply Scimitar CS at specified rates in 4 - 10 gal of water/1,000 sq ft. The use of a non-ionic wetting agent, penetrant or similar adjuvant is strongly recommended. Use the highest water application rates possible with your sprayer. Apply Scimitar CS to turf wet with dew, rain or irrigation. Water in immediately after application with  $\frac{1}{4}$  -  $\frac{1}{2}$  inch of water for optimum results.

### **Fire Ant Control**

Treat individual mounds with a drench application using a watering can. Use 0.5 fl oz of Scimitar CS/2.5 gal of water. Thoroughly soak each mound and a 3 ft diameter circle around each mound. Gently apply the mixture to avoid disturbing the mound. Disturbing the mound may cause the ants to migrate and reduce the effectiveness of the treatment. For best results, apply in early morning or late evening hours. Make additional treatments as needed.

### **Mosquito Control**

Apply as a spray around landscape plantings, turf, and building foundations to control mosquitoes. Apply Scimitar CS at specified rates in 2 - 5 gal of water/1,000 sq ft.

## **STORAGE AND DISPOSAL**

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

### **Pesticide Storage**

Keep container closed when not in use. Do not store near food or feed. Shake well before use. 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 storage area until proper disposal can be made.

### **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 of the nearest EPA Regional Office for guidance.

## STORAGE AND DISPOSAL

*(continued)*

### Container Handling

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Completely empty container into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of empty container in a sanitary landfill or by incineration.

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Scimitar®, the ALLIANCE FRAME   
the SYNGENTA Logo and the PURPOSE ICON   
are Trademarks of a Syngenta Group Company

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For non-emergency  
(e.g., current product information)  
call Syngenta Crop Protection at  
1-800-334-9481

Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

**SCP 1078A-L1D 1113**  
**4034702**

**GROUP 3 INSECTICIDE**



## Insecticide

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Lambda-cyhalothrin*	
(CAS No. 91465-08-6) .....	9.7%
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\*Synthetic pyrethroid formulated as a capsule suspension (microencapsulated).

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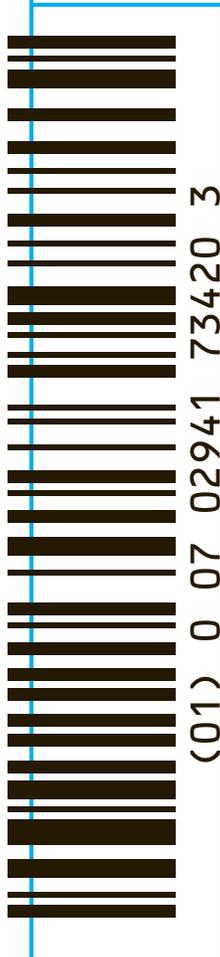
EPA Reg. No. 100-1078      EPA Est. No. 61282-WI-1

**SCP 1078A-L1D 1113                      4034702**

# 1 pint

Net Contents

**syngenta**®



## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

#### CAUTION/PRECAUCIÓN

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**Refer to Environmental Hazards, Physical and Chemical Hazards, and Complete Storage and Disposal and Container Handling in booklet.**

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Manufactured for:

Syngenta Crop Protection, LLC

P.O. Box 18300

Greensboro, North Carolina 27419-8300

**SCP 1078A-L2C 1113**

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