**SPECIMEN LABEL**

**RESTRICTED USE PESTICIDE**

Due to Toxicity 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.

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**Insecticide**

For Use to Control Insect Pests On Golf Course and Athletic Field Turf; Sod Farms; Ornamentals Grown in Commercial Greenhouses, Shadehouses and Nurseries; and on Ornamentals and Lawns in Landscaped Areas Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas, Golf Courses and Athletic Fields

**Active Ingredient:**

Lambda-cyhalothrin

\(1\times(S^\text{\textregistered}),3\times(Z)\times(\pm)\times\text{cyano}(3\text{-}

\text{phenoxyphenyl})\times\text{methyl}3-\text{chloro-3,3,3}\times\text{trifluoro-1-propenyl})\times\text{2,2-dimethylcyclopropanecarboxylate}\)

**Other Ingredients:** ........................................... 90.3%

Total 100.0%

*Synthetic pyrethroid.

Contains 0.88 lbs. active ingredient per gallon or 0.22 lbs. a.i. per quart.

**KEEP OUT OF REACH OF CHILDREN**

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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

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 its vapors. Harmful if inhaled. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing 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 to 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.

**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards**

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment wash water. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 marshes. When treating tall trees (>15 ft. from the ground) with high pressure sprays or during any application with air assisted equipment (mist blowers), do not apply within 150 ft. of aquatic areas.

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

**Physical or Chemical Hazards**

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

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**First Aid**

**If on skin or clothing**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**If in eyes**

- 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.
- Call a poison control center or doctor for treatment advice.

**If swallowed**

- Call a poison control center or doctor immediately for treatment advice.
- Do not give any liquid to the person.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If inhaled**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

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
Scimitar GC may be used for applications to ornamentals grown in commercial greenhouses, shadehouses, and nurseries, and turf grown on sod farms or for commercial seed production.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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

Scimitar GC 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, golf courses, and athletic fields.

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

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

**Do not apply this product to edible crops or crops grown for food/feed.**

**Do not apply this product by aerial application.**

**Spray Drift Precautions**

Do not make applications when wind speed is 15 miles per hour or greater. Low humidity and high temperatures increase the likelihood of spray drift to sensitive areas. Avoid spraying during conditions of low humidity and/or high temperature.

**Risk of exposure to sensitive aquatic areas can be reduced by** avoiding applications when the wind direction is toward the aquatic area. Do not make outdoor applications during temperature inversions. Inversions are characterized by stable air and increasing temperature with height above ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

**Application**

Scimitar GC insecticide mixes readily with water and may be used in all types of application equipment. Mix product with the required amount of water and apply as a dilute application to the point of runoff. Apply product using spray nozzles, which produce a coarse droplet size. Formation of very small droplets may be minimized by appropriate nozzle selection and by avoiding excessive spray pressure. When applying to hard-to-wet foliage, such as holly, pine, or ivy, the addition of a spreader-sticker may enhance knockdown and residual activity. If concentrate or premix application equipment is used, an equivalent amount of product should be used on the area treated as would be used in a dilute application. Phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed. It is advised to pretreat a selection of ornamentals if local use experience is unavailable.

**MIXING**

Scimitar GC Insecticide is intended for dilution with water for spray application and may be used in all types of application equipment. Fill application tank with 1/2-3/4 volume of water. It is suggested that the water be 5-7 pH. Adjust water pH with a buffering agent if necessary. Slowly add Scimitar GC to applicator tank with maximum agitation. If other chemicals are added to the applicator tank, Scimitar GC should be added last. If mixed with EC formulations or oils, use within 24 hours. Fill tank to desired volume and continue to agitate while making applications. Shake or reagitate application equipment before use if application is interrupted. Make up only amount of application volume as required.

**Scimitar GC Mixing Chart for Ornamental Insect Pest Control**

(Scimitar GC to add per spray tank)

<table>
<thead>
<tr>
<th>Rate of Scimitar GC</th>
<th>25 gals.</th>
<th>50 gals.</th>
<th>100 gals.</th>
<th>200 gals.</th>
<th>300 gals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 oz.</td>
<td>0.4 oz.</td>
<td>0.8 oz.</td>
<td>1.5 oz.</td>
<td>3.0 oz.</td>
<td>4.5 oz.</td>
</tr>
<tr>
<td>3.0 oz.</td>
<td>0.8 oz.</td>
<td>1.5 oz.</td>
<td>3.0 oz.</td>
<td>6.0 oz.</td>
<td>9.0 oz.</td>
</tr>
<tr>
<td>5.0 oz.</td>
<td>1.3 oz.</td>
<td>2.5 oz.</td>
<td>5.0 oz.</td>
<td>10.0 oz.</td>
<td>15.0 oz.</td>
</tr>
</tbody>
</table>
Scimitar GC Mixing Chart for Turf Insect Pest Control
(Scimitar GC to add per 100 gallon spray tank)

<table>
<thead>
<tr>
<th>Rate of Scimitar GC</th>
<th>2 gals.</th>
<th>4 gals.</th>
<th>6 gals.</th>
<th>8 gals.</th>
<th>10 gals.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 oz./A</td>
<td>5.7 oz.</td>
<td>2.9 oz.</td>
<td>1.9 oz.</td>
<td>1.4 oz.</td>
<td>1.2 oz.</td>
</tr>
<tr>
<td>10 oz./A</td>
<td>11.5 oz.</td>
<td>5.7 oz.</td>
<td>3.8 oz.</td>
<td>2.9 oz.</td>
<td>2.3 oz.</td>
</tr>
<tr>
<td>20 oz./A</td>
<td>23.0 oz.</td>
<td>11.5 oz.</td>
<td>7.7 oz.</td>
<td>5.7 oz.</td>
<td>4.6 oz.</td>
</tr>
</tbody>
</table>

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

Insect Pests Controlled In Ornamentals by Scimitar GC Insecticide

<table>
<thead>
<tr>
<th>Use</th>
<th>Pest</th>
<th>Amount of Scimitar GC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural</td>
<td>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, Gypsy moth larvae, Japanese beetles (adult), June beetles (adult), Lace bugs, Leaf-feeding caterpillars, Leafhoppers, Leafminers (adult), 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</td>
<td>1.5-5 fl. oz./100 gals. or 44-148 mL/100 gals.</td>
</tr>
<tr>
<td>Non-Agricultural</td>
<td>Broadmites, Brown softscales (crawlers), Clover mites, Mealybugs, Pine needle scale (crawlers), Spider mites, Whiteflies</td>
<td>3-5 fl. oz./100 gals. or 88-148 mL/100 gals.</td>
</tr>
<tr>
<td>Lawns around Residential, Institutional, Public, Commercial, and Industrial Buildings, Parks, Recreational Areas, Golf Courses, and Athletic Fields</td>
<td>Insect Pests Controlled In Ornamentals by Scimitar GC Insecticide</td>
<td></td>
</tr>
</tbody>
</table>

Application to ornamentals should be started 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 active ingredient (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 recommended 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 GC per 1-2.5 gals. of water.

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

Insect Pests Controlled on Turfgrass by Scimitar GC Insecticide

<table>
<thead>
<tr>
<th>Use</th>
<th>Pest</th>
<th>Amount of Scimitar GC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural</td>
<td>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 which transmit Lyme disease)</td>
<td>3.4-7 mL/1,000 sq. ft. or 5-10 fl. oz./A</td>
</tr>
<tr>
<td>Non-Agricultural</td>
<td>Bluegrass billbugs (adult), Black turfturf athenius (adult), Chiggers, Fleas (adult), Grub (suppression), Hyperodes weevilis (adult), Mole crickets (nymphs and young adults)</td>
<td>7 mL/1,000 sq. ft. or 10 fl. oz./A</td>
</tr>
<tr>
<td>Golf Course and Athletic Field Turf</td>
<td>Chinch bugs Mole crickets (mature adults) (Not for use on mature adult mole crickets and chinch bugs in New York State.)</td>
<td>14 mL/1,000 sq. ft. or 20 fl. oz./A</td>
</tr>
</tbody>
</table>

Application to turf should be started 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 active ingredient (52.4 fl. oz. of concentrate) per acre per year.

For spot treatments, use 0.5 fl. oz. Scimitar GC per 1-2.5 gals. 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.)

For best results, apply Scimitar GC at recommended rates in 2-5 gals. of water per 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.)
For best results, apply Scimitar GC at recommended rates in 2-10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is recommended at label rates. Lightly irrigate after application with up to 1/2 inch of water to move the Scimitar GC 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.)
For best results, apply Scimitar GC at recommended rates in 4-10 gals. of water per 1,000 sq. ft. The use of a nonionic wetting agent, penetrant, or similar adjuvant is strongly recommended following label rates. Use the highest water application rates possible with your sprayer. Apply Scimitar GC to turf wet with dew, rain, or irrigation. Water-in immediately after application with 1/4-1/2 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 GC per 2.5 gals. 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, but not more than every 7 days.

Mosquito Control
Apply as a general spray around landscape plantings, turf, and building foundations to control mosquitoes. For best results, apply Scimitar GC at recommended rates in 2-5 gals. of water per 1,000 sq. ft.

**STORAGE AND DISPOSAL**

Prohibitions
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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.

Container Disposal
Triple rinse (or equivalent). Completely empty container into application equipment, then offer for recycling or reconditioning, or puncture and dispose of empty container in a sanitary landfill, by incineration, or by other procedures approved by state and local authorities.

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