

100-1239

03/14/2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
100-1239

Date of Issuance:  
03/14/06

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Lambda-Cy 0.045% H&G Granule  
Insecticide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, NC 27419

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following labeling changes before you release the product for shipment:
  - a. Revise the EPA Registration Number to read: "EPA Registration No. 100-1239 "

Signature of Approving Official:

George LaRocca  
Product Manager (RM 13)  
Insecticide Branch  
Registration Division (7505C)

Date:

March 14, 2006

- b. Front panel, directly above the ingredients statement: Revise the statement "For outdoor use around the home" to read "***For outdoor use around the home only***".
  - c. Under First Aid Statements: You may delete the "***If on skin or clothing, If swallowed, and If inhaled***" statements - Not required for category IV acute toxicity.
  - d. Under Precautionary Statements, you may delete "***Harmful if absorbed through skin***", and delete the word "***skin***" from "***Avoid contact with skin, eyes, or clothing***".
  - e. Under Conditions of Sale and Limitation of Warranty and Liability, revise the statement "It is Syngenta's and Seller's intention ***that in no event shall*** Syngenta or the Seller be liable for any incidental . . ." to read "It is Syngenta's and Seller's intention ***that to the extent allowable under State law***, Syngenta or the Seller shall not be liable for any incidental ....".
3. Submit to the Agency, data on one year storage stability testing (830.6317), and corrosion characteristics study (830-6320) at 0, 3, 6, 9 and 12 months of warehouse storage.
  4. Submit two (2) copies of the revised final printed label bearing the above stated revisions prior to releasing this product for sale.

If you fail to comply with the above stated conditions, this registration will be subjected to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the stamped label is enclosed for your records. If you have any questions concerning this action, please contact Dr. B. A. Akinlosotu at (703) 605-0653.

Enclosure

**Lambda-Cy 0.045% H&G Granule Insecticide**

Granular (optional)  
Granular Insecticide (optional)  
Insecticide (optional)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 14 2006**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-1239**

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**For outdoor use around the home.**

*Only*

Active Ingredient:

Lambda-cyhalothrin<sup>1</sup>

[1α(S\*),3α(Z)]-(±)-cyano-(3-phenoxyphenyl)methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate..... 0.045%

Other Ingredients: 99.955%

Total: 100.000%

<sup>1</sup>Synthetic pyrethroid, granule

**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-XXXX

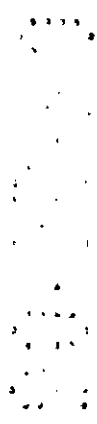
EPA Est. XXXX

Product of XXXX

Formulated in the USA

SCP XXXXX-M(draft)

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.</li> <li>• 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>• Have person sip a glass of water if able to swallow</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>
<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>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**Environmental Hazards**

This product 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 run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

**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.

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, when used in accordance with directions under normal use conditions. 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 or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**IT IS SYNGENTA'S AND SELLER'S INTENTION THAT** in no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **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.**

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SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of 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.

Keep children and pets off treated areas until product has been watered in and lawn is dry.

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### GENERAL INFORMATION: LAWN AND PERIMETER PEST CONTROL

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Lambda-Cy 0.045% H&G Granule Insecticide may be used for applications to outdoor areas where turf, landscape plantings and ornamental ground covers are grown. Broadcast granules to ensure uniform coverage over the treatment area. The application rates listed below will provide excellent control of the respective pests under typical conditions. Watering treated areas immediately after application will activate (release from the granule) the insecticide. Make no more than 6 general applications per year. More frequent treatments should be limited to spot treatments.

#### **Easy Steps To Use This Product** (*Options A & B*)

1. Determine the size of the area to be treated.
2. Use spreader setting chart to determine appropriate calibration setting for your spreader.
3. Treat as directed in the rate chart, applying evenly over the treated area.
4. Watering treated areas immediately after application will activate (release from the granule) the insecticide.

#### **Spreader Settings for Overall Lawn Application** (*Options A & B*)

(insert table in final printed labeling)

**Directions for Applying Lambda-Cy 0.045% H&G Granule Insecticide (Option A)**

Treatment Areas	Pests	How To Use	Use Rate
Band Treatment Around Foundation	<p style="text-align: center;"><i>NOT IF FIRE ANTS!</i></p> <p>Ants Crickets Earwigs Firebrats Millipedes Mites Silverfish Sowbugs</p>	<p>These pests may be commonly found at or around the foundations of houses and also in lawns. Some pests may enter houses. Apply a 3 to 5 foot band of granules adjacent to the house foundation. Apply granules uniformly. Water lightly after application.</p>	<p>2 lbs. per 1,000 sq. ft.</p>
Overall Lawn Application	<p>Ants Armyworms Centipedes Crickets Cutworms Earwigs Grasshoppers Japanese Beetle (adult) Pillbugs Spittlebugs Mites Green June Beetles Leafhoppers Millipedes Sod webworms Springtails Spider Mites (Twospotted, Spruce)</p>	<p>Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. Water lightly after application.</p>	<p>2 lbs. per 1,000 sq. ft.</p>
Overall Lawn Application	<p>Billbugs Japanese beetle grubs* Green June beetle grubs* Dung beetles* Hyperodes weevils Mole crickets Chinch bugs</p>	<p>Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. Water lightly after application.</p> <p>For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects is present.</p>	<p>3 lbs. per 1,000 sq. ft.</p>
Spot Treatment	<p>Ants</p>	<p>Lightly water immediately after application. Apply water gently to avoid disturbing ants, first breaking any soil crust if necessary to ensure water penetrates the nest.</p>	<p>Apply 1.5 tsp. around each anthill.</p>

\* Suppression only.

Good coverage is necessary to provide the most effective level of control.

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

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



**Directions for Applying Lambda-Cy 0.045% H&G Granule Insecticide (Option B)**

Treatment Areas	Pests	How To Use	Use Rate
Band Treatment Around Foundation	Ants Crickets Earwigs Firebrats Millipedes Mites Silverfish Sowbugs	These pests may be commonly found at or around the foundations of houses and also in lawns. Some pests may enter houses. Apply a 3 to 5 foot band of granules adjacent to the house foundation. Apply granules uniformly. Water lightly after application.	2 - 3lbs. per 1,000 sq. ft.  Use higher use rate for longer length of control.
Overall Lawn Application	Ants Armyworms Centipedes Crickets Cutworms Earwigs Grasshoppers Japanese Beetle (adult) Pillbugs Spittlebugs Mites Green June Beetles Leafhoppers Millipedes Sod webworms Springtails Spider Mites (Twospotted, Spruce)	Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. Water lightly after application.	2 - 3 lbs. per 1,000 sq. ft.  Use higher use rate for longer length of control.
Overall Lawn Application	Billbugs Japanese beetle grubs* Green June beetle grubs* Dung beetles* Hyperodes weevils Mole crickets Chinch bugs	Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. Water lightly after application.  For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects is present.	3 - 4 lbs. per 1,000 sq. ft.  Use higher use rate for longer length of control.
Spot Treatment	Ants	Lightly water immediately after application. Apply water gently to avoid disturbing ants, first breaking any soil crust if necessary to ensure water penetrates the nest.	Apply 1.5 tsp. around each anthill.

\* Suppression only.

Good coverage is necessary to provide the most effective level of control.

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

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.

**BAND TREATMENT AROUND HOUSES** (*Option C - shaker can container*)

**General Use Directions**

The following pests are commonly found around or near the foundations of houses as well as in lawns. Some of these pests may enter the home.

Insects: Ants, Mites, Crickets, Earwigs, Water Bugs, Millipedes, Sowbugs (Pillbugs)

1. Break the seal and open the top of the package.
2. Evenly apply a 3 to 5 foot band of granules adjacent to and along the foundation of the house.
3. Lightly water immediately after application.

**Spot Treatment for Ants**

1. Sprinkle granules evenly over and around each ant hill.
2. Use 2 ounces (1½ teaspoons) per ant hill.
3. Lightly water immediately after application. Apply water gently to avoid disturbing ants, first breaking any soil crust if necessary to ensure water penetrates the nest.

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✓ **STORAGE AND DISPOSAL**

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**Prohibitions**

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

✓ **Pesticide Storage**

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Reclose container tightly after each use.

✓ **Pesticide and Container Disposal**

✓ **If empty:** Do not reuse this container. Place in trash or offer for recycling if available.  
**If partly filled:** Call your local solid waste agency or call 1-800-888-8372 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**Optional Marketing Statements**

Controls insects in 24 hours  
Works in 24 hours  
Ready-To-Use Granules  
Ready-To-Spread Granules  
Guaranteed [Results or Your Money Back]  
Granules Dissolve for More Quicker Release  
Resealable Bag  
[New] Exclusive Formula  
Begins to Kill Insects in [Minutes] [Hours]  
Kills Ants [On Contact]  
Kills On Contact  
Controls Many Lawn Pests  
Controls Insects Above and Below The Ground  
Apply As A Perimeter Treatment Around Your Home  
[10 Pounds] Treats Up To 5,000 Sq. Ft.  
[20 Pounds] Treats Up To 10,000 Sq. Ft.  
Contains Scimitar®  
Contains Demand®

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

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

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