

100-1239

06/22/2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

June 22, 2007

John I. Hott, PhD,
Sr. Reg. Prod. Manager
Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, NC 27419

Subject: Amendment: Add Me-Too Pest to labeling
Lambda-Cy 0.045% H&G Granule Insecticide
EPA Reg. Nos. 100-1239
Application dated December 12, 2006

Dear Dr. Hott:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below:

1. The fire ant mound treatment is less than the presently approved use rate. Therefore, increase the rate to 7.25 lbs product/mound. See accompanying copy of the product performance review.
2. Delete "interior landscapes" since it conflicts with the restrictive statement "For outdoor use around the home only".
3. Change "barrier" to "band" under optional marketing statements.
4. Under "Directions for Use", add "If product is watered in, keep children and pets off treated areas until area is dry".
5. Under the warranty statements, add "To the extent consistent with applicable law" to the beginning of the statements "Syngenta makes no warranties of merchantability or of . . . etc." and "The exclusive remedy of the user or buyer . . . etc". Also revise the phrase "To the extent allowable under state law" to read "To the extent consistent with applicable law", in the third paragraph of the warranty statements".
6. The word "New" can be used on labeling produced for six months following initial release of this product into channels of trade.

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Please revise labeling accordingly and submit two copies of the final printed label to the Agency prior to releasing the product for shipment. See enclosed copy of the stamped label for your record. If you have any questions please contact Dr. B.A. Akinlosotu at (703) 605-0653.

Sincerely,



Jw
George T. LaRocca,
Product Manager 13
Insecticide Branch
Registration Division (7505P)

Enclosure

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Lambda-Cy 0.045% H&G Granule Insecticide

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

For outdoor use around the home only.

Active Ingredient:

Lambda-cyhalothrin¹

[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%

**ACCEPTED
with COMMENTS
in EPA Letter Dated:
JUN 22 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-1239**

¹Synthetic 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. 100-1239
EPA Est. XXXX

Product of XXXX
Formulated in the USA

SCP 1239-M(draft)

Net Contents

FIRST AID	
If in eyes	<ul style="list-style-type: none">• 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.
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

Causes moderate eye irritation. Avoid contact with 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.
For terrestrial uses: 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 movement from treated areas. Run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

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 to the extent allowable under State law, SYNGENTA or Seller shall not 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.**

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.

GENERAL INFORMATION: LAWN AND PERIMETER PEST CONTROL

Lambda-Cy 0.045% H&G Granule Insecticide may be used for applications to interior plantscapes and outdoor areas where turf, landscape plantings and ornamental ground covers are grown. Also for use around structures and landscapes on areas of bare soil bare soil, mulched areas or vegetation not being grown for food use. Broadcast granules to ensure uniform coverage over the treatment area. The application rates listed in this label will provide excellent control of the respective pests under typical conditions.

Although not required, optimal results may be achieved by watering in granules after application as the active ingredients is released from the granule in the presence of moisture.

For perimeter treatments around foundations, applications may be made as needed during periods of pest pressure.

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)

Make and Models	Setting		
	2lb./1000ft ²	3lb./1000ft ²	4lb./1000ft ²
EarthWay Ev-N-Spred (1900, 2000, and 2100 series)	14	15.5	17
AgriFab Broadcast (45-series)	4.5	5	5.5
Scotts (Basic, Standard, Delux, and SpeedyGreen 1000/2000/3000)	3.5	4.5	5.5
Lesco rotary (705698/705699)	11	13	15
Vigoro Broadcast (SBI5000HD)	5	6	7
Craftsman Broadcast (486.1994)	4.5	5	5.5
Scotts AccuGreen (1000/2000/3000) Drop Spreaders	2.5	3.5	4
Anderson AccuPro (2000/1000/SR2000)	J-1/2	K-1/2	M

* Assume 3 mph walking speed.

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

Treatment Areas	Pests	How To Use	Use Rate
Perimeter Treatment Around Foundations	Ants Cockroaches Crickets Earwigs Fleas Firebrats Millipedes Mites Palmetto Bugs Pillbugs Silverfish Sowbugs Ticks Waterbugs	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 10 foot band of granules adjacent to the house foundation. Apply granules uniformly. For optimal control water lightly after application.	2 lbs. per 1,000 sq. ft.
Overall Lawn Application	Ants Armyworms Centipedes Crickets Cutworms Earwigs European Crane Flies Fleas Grasshoppers Japanese Beetle (adult) Pillbugs Sowbugs Spittlebugs Mites Green June Beetles Leafhoppers Millipedes Sod webworms Springtails Spider Mites (Twospotted, Spruce) Ticks	Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. For optimal control, water lightly after application.	2 lbs. per 1,000 sq. ft.
Overall Lawn Application	Billbugs Fire Ants 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. For optimal control, 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 lbs. per 1,000 sq. ft.

Spot Treatment	Ants	For optimal control, 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.
Mound Treatment	Fire Ants	Treat mounds as they appear. Sprinkle ½ cup (4 oz.) of Lambda-Cy 0.045% H&G Granule Insecticide evenly over each mound and for optimal control, gently water in with one to two gallons of water per mound. For best results, make application during cool weather, or in early morning or late evening, when ants are less active. Individual mound treatments may also be combined with broadcast lawn applications.	Apply 4 oz. (1/2 cup) to each mound.

*Suppression only.

Precautions

Uniform 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
Perimeter Treatment Around Foundations	Ants Cockroaches Crickets Earwigs Firebrats Fleas Millipedes Palmetto Bugs Pillbugs Mites Silverfish Sowbugs Ticks Waterbugs	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. For optimal control 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 European Crane Flies Fleas Grasshoppers Green June Beetles Japanese Beetle (adult) Leafhoppers Millipedes Mites Pillbugs Sod webworms Spider Mites (Twospotted, Spruce) Spittlebugs Springtails Ticks	Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. For optimal control, 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 Chinch bugs Dung beetles* Fire Ants Green June beetle grubs* Hyperodes weevils Japanese beetle grubs* Mole crickets	Apply with a fertilizer (rotary or drop style) spreader. Refer to Spreader Setting chart. Apply granules when the lawn is dry. For optimal control, 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	For optimal control, after application apply water gently to avoid disturbing ants (first breaking any soil crust if necessary to ensure water penetrates the nest).	Apply 1-2 tsp. around each anthill.
Mound Treatment	Fire Ants	Treat mounds as they appear. Sprinkle ½ cup (4 oz.) of Lambda-Cy 0.045% H&G Granule Insecticide evenly over each mound and for optimal control, gently water in with one to two gallons of water per mound. For best results, make application during cool weather, or in early morning or late evening, when ants are less active. Individual mound treatments may also be combined with broadcast lawn applications.	Apply 4 oz. (1/2 cup) to each mound.

* Suppression only.

Precautions

Uniform 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.

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PERIMETER 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, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Millipedes, Mites, Palmetto Bugs, Silverfish, sowbugs (Pillbugs), Ticks and Water Bugs

1. Break the seal and open the top of the package.
2. Evenly apply a 3 to 10 foot band of granules adjacent to and along the foundation of the house.
3. For optimal control, lightly water immediately after application.

Spot Treatment for Ants

1. Sprinkle granules evenly over and around each ant hill.
2. Use 1 to 2 teaspoons (1.4 to 2.6 ounces) per ant hill.
3. For optimal control, 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).

Mound Treatment for Fire Ants

1. Sprinkle granules evenly over and around each mound.
2. Apply 1/2 cup (4 ounces) to each mound.
3. For optimal control, lightly water with 1 to 2 gallons of water immediately after application. Apply water gently to avoid disturbing ants, (first breaking any soil crust if necessary to ensure water penetrates the nest.)

STORAGE AND DISPOSAL

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.

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
Easy [Pour] [Empty] Bag
Uniform Granules Provide Uniform Spread
[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 [Around
Your Home] [In your Lawn]
Apply As A [Perimeter] [Barrier] 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®
[Contains] [Formulated wjth] [New] Active Release Technology™
Kills Fire Ant Queen and Colony [in 24 hours]
Apply to Fire Ant Mounds. [Kills Queen and Colony].
Prevents New Mound Formation
Low Odor
Insects Begin Dying [In Minutes] [In Hours]
[Provides] Residual Control
[Kills] [Controls] Common Lawn [And] [Yard] [Pests] [Insects]
[Kills] [Controls] A Variety of Lawn [And] [Yard] [Pests] [Insects]

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<p>For non-emergency (e.g. current product information) call Syngenta Crop Protection at 1-800-334-9481.</p>
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Manufactured for:
Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

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LAM CY 045%HG 1239A-M(draft)-lg-12-12-06