

100-1304

04/04/2008

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

EPA Reg. Number:

100-1304

Date of Issuance:

APR 4 2008

Term of Issuance: Conditional

Name of Pesticide Product:
Thiamethoxam 0.20/Lambda-Cyhalothrin 0.04 L&G GR

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mr. Patrick McCain
Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, NC 27419-8300

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). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

1. Revise the EPA Registration Number to read, EPA Reg. No. "100-1304".

Signature of Approving Official:

Dani Daniel
Insecticide-Rodenticide Branch
Registration Division (7505P)

Date:

APR 4 2008

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(Master label)

Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR

[For control of grubs and other insects in lawns and landscape plantings and around the home]

Active Ingredient:

Thiamethoxam (CAS No. 153719-23-4) 0.20%

Lambda-cyhalothrin (CAS No. 91465-08-6) 0.04%

Other Ingredients: 99.76%

Total: 100.00%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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 [on bag].

EPA Reg. No. 100-XXXXX

EPA Est. XXXX

Product of XXXX

Formulated in the USA

SCP XXXXX(draft Thia/Lambda L&G GR)

Net Weight

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

APR 4 2008

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

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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.

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.	
<p align="center">HOT LINE NUMBER</p> <p align="center">For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call 1-800-888-8372 [Alternate phone number]</p>	

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 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 washwater.

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CONDITIONS OF SALE AND DISCLAIMERS OF WARRANTY AND LIMITATIONS OF LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Disclaimers of Warranty and Limitations of 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 the directions under normal use conditions. You assume any and all risk of using, storing, or handling this product contrary to label instructions, or under abnormal conditions or conditions not reasonably foreseeable to Seller or Syngenta. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NEITHER SYNGENTA NOR SELLER MAKE ANY WARRANTY OF MERCHANTABILITY NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, in no event shall Syngenta or Seller be liable for any incidental, consequential, or special damages resulting from the use, storage, or handling of this product.

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DIRECTIONS FOR USE

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

- Read entire label before using this product.
- [In New York State, do not apply within 100 feet of a coastal marsh, or stream that drains directly into a coastal marsh.]
- Measuring utensils such as teaspoons or cups should not be used for food purposes after use with insecticides.
- If the product is watered-in, keep children and pets off the treated area until the area is dry.

WHERE TO APPLY

- Home lawns
- Landscape plantings
- Flower beds
- [Perimeter] [Barrier] treatment around the home

BENEFITS

- Provides control of grubs in lawns and landscaped plantings
- Can apply to the soil for control of some foliar insects
- Readily absorbed by the roots and leaves and distributes throughout the plant
- Residues on the leaves are quickly degraded
- Safe on all major lawn grasses and landscape plantings
- Provides a barrier to insect pests around your home

INSECT PESTS CONTROLLED

- White grubs
- Fire ants
- Aphids
- Mole crickets
- Chinch bugs
- And other labeled pests

HOW THIAMETHOXAM 0.20/LAMBDA-CYHALOTHRIN 0.04 L&G GR WORKS

Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR controls many chewing and sucking insects through contact and by ingestion both in the soil and in plant tissue.

When Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR is applied to the lawn or soil around your home or landscape plantings, the active ingredient is released from the granule by watering-in or rainfall. In the soil, the active ingredient controls insects living in the soil. In addition, the active ingredient is absorbed in the root system and rapidly moves throughout the plant. Insects feeding on the above ground portions of the plant will stop feeding. In turf and small landscape plants, insect feeding will stop within a few hours. For large landscape plants, it may take several days or weeks before stem and foliar insects are controlled.

LAWNS AND LANDSCAPE PLANTS

HOW TO APPLY

Apply with a broadcast or drop spreader (see Spreader Settings).

- Determine the size of the area to be treated.
- Use the spreader setting to deliver the rate listed in the following chart.
- Use the higher recommended rate for lawns with heavy thatch (greater than $\frac{3}{4}$ inch).
- For landscape plantings, use a spreader or a hand-held spreader. Do not apply from your hand.
- Apply up to 3 pounds per 1,000 square feet per year.
- Do not eat fruit and nuts from treated plants.

Water-in the granules: Hose spray or rainfall.

- If you have an existing insect problem, optimal results may be achieved by watering-in within 1 day.
- If you are preventing an insect problem, optimal results may be achieved by watering-in within 3 days.
- Maintain adequate soil moisture after application for optimum control.
- Do not mow the lawn until the treated area has been watered-in.

Insect Pest	How Much to Apply	When to Apply
Underground/Thatch Infesting Insects		
Billbugs	3 lb. per 1,000 sq. ft.	Apply when activity is first observed or when chewed or brown grass indicates billbugs are present.
Black turfgrass ataenius (adult) Chiggers European crane flies	2 to 3 lb. per 1,000 sq. ft.	Apply when first noticed.
Chinch bugs	2 to 3 lb. per 1,000 sq. ft.	Apply prior to hatching of nymphs.
Hyperodes weevils (adult)	3 lb. per 1,000 sq. ft.	Apply when first noticed, about April - May.
Mole crickets	2 to 3 lb. per 1,000 sq. ft.	For Florida, apply once in April to early May. In other areas, apply mid-May to mid-June.
White grubs*	2 to 3 lb. per 1,000 sq. ft. or 3 to 4 teaspoons per 10 sq. ft. of planting bed or ½ to ¾ cup per 100 sq. ft. of planting bed	May through mid-August. Contact your local Cooperative Extension Service for the best time to apply in your area.
Surface Insects		
Armyworms Centipedes Cockroaches Crickets Cutworms Earwigs Fleas Grasshoppers Green June Beetles Greenbugs Japanese Beetles (adult) Leafhoppers Millipedes Mites Mosquitoes Palmetto bugs Pillbugs Sod webworms Sowbugs Spittlebugs Springtails Ticks Waterbugs	2 to 3 lb. per 1,000 sq. ft. For heavy infestations: 3 lb. per 1,000 sq. ft.	Apply when insects are present.

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Insect Pest	How Much to Apply	When to Apply
Annual bluegrass weevil	3 lb. per 1,000 sq. ft.	Apply when insects are present.
Ants	1 to 2 teaspoons around each ant hill	Apply when ants are present. For optimal control, gently water-in after application, to avoid disturbing the ants. (If necessary, first break soil crust to ensure water penetrates the mound.)
Fire Ants	7.25 oz. or 1 1/3 cup over each ant mound	Do not disturb the mound prior to treatment. For best results, apply in cool weather, 65° to 80° F, or in the early morning or late evening. Treat new mounds as they appear.
Leaf Feeding Insects		
Aphids Mealybugs Whiteflies	1 to 3 lb. per 1,000 sq. ft. or 1 1/2 to 4 teaspoons per 10 sq. ft. of planting bed or 1/3 to 3/4 cup per 100 sq. ft. of planting bed	Apply preventively, before you see insects.
* Grubs (larvae) of: Asiatic garden beetle, Black turfgrass atenius, Dung beetle, European chafer, Green June beetle, Japanese beetle, May or June beetle, Northern masked chafer, Oriental beetle, Scarab beetle, Southern masked chafer.		

**[HOME BARRIER TREATMENT]
[HOME PERIMETER TREATMENT]
[BAND TREATMENT AROUND FOUNDATION]**

HOW TO APPLY

- Before you apply,
 - remove debris and leaf litter from next to the foundation
 - cut back vegetation and branches that touch the foundation
 - move or rake back rocks, deep mulch, or other material that could harbor pests next to the foundation.
- Spread granules evenly 3-5 feet out from the foundation using a hand held applicator or spreader.
- Water-in the granules (hose spray, watering can or rainfall).

Insect Pest	How Much to Apply	When to Apply
Ants* Beetles Centipedes Cockroaches Crickets Earwigs Firebrats Fleas Millipedes Mites Mosquitoes Palmetto bugs Pillbugs Scorpions Silverfish Sowbugs Spiders Ticks Waterbugs	2 to 3 lb. per 1,000 sq. ft.	Apply preventatively or when insects are noticed.

* Argentine, Allegheny Mound, Black Carpenter, Cornfield, Field, Florida Carpenter, Honey, Nuisance, Pavement, Southern.

SPREADER SETTINGS

[Spreader models and settings available at the time of final printed labeling.]

Granular Spreader Settings

Make and Models	Setting ^{1,2}		
	1 lb. per 1,000 sq. ft.	2 lb. per 1,000 sq. ft.	3 lb. per 1,000 sq. ft.
Spreader A	X	X	X
Spreader B	X	X	X
Spreader C	X	X	X
Spreader D	X	X	X
Spreader E	X	X	X
Spreader F	X	X	X
Spreader G	X	X	X
etc.	X	X	X

¹ Assume 3 mph walking speed.

² It is recommended that you calibrate your spreader before application since manufacturer's settings can vary among the same model of spreader.

Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Be sure to check spreader at the beginning of the application; adjust spreader if necessary.

[Broadcast Spreaders: If your lawn is rectangular, apply two border strips across each end for a turning area. If your lawn is an irregular shape, apply a border strip completely around it. Then apply product back and forth in the longest direction. Turn the spreader off and on at the edge of each strip to prevent uneven application. Overlap the throw pattern by about a foot to ensure complete coverage.

Drop Spreaders: First, apply two border strips along the edge of each end of the lawn. Then apply product along the length of lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.]

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry place. Keep container closed and away from food, feedstuffs, and domestic water supplies.

Container Disposal (*consumer products*)

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 1-800-888-8372 [Alternate phone number] for disposal instructions. Never place unused product down any indoor or outdoor drain.

Pesticide Disposal (*bulk and mini-bulk*)

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 at the nearest EPA regional office.

Container Disposal (*bulk and mini-bulk*)

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.

Recyclable/Refillable Container Precautions (*bulk and mini-bulk*)

Before refilling, RETURNABLE CONTAINER, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices. **REFILL ONLY WITH Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR will result in contamination and may weaken container. 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!

Optional Comprehensive List of Marketing Claims

- Controls insects in 24 hours
- Works in 24 hours
- Begins to Kill Insects in [Minutes] [Hours]
- Insects Begin Dying [In Minutes] [In Hours]
- [Provides] Residual Control
- Kills On Contact
- [Ready-][Easy-] to-Use
- Easy-to-Spread Granules
- Ready-To-Spread Granules
- Uniform Granules Provide Uniform Spread
- Granules Dissolve for Quicker Release
- [New] Exclusive Formula
- [Contains] [Formulated with] [New] Active Release Technology™
- Low Odor
- Controls [Many] [Lawn] [Turf] Pests
- Can be Applied to: [Lawns] [Turf], Landscape Plantings and Flower Beds, and around the outside of the home.
- Controls Insects Above and Below The Ground [Around Your Home] [In your Lawn]
- [Kills] [Controls] Common [Lawn] [Turf] and Landscape [Pests] [Insects]
- [Kills] [Controls] A Variety of [Lawn] [Turf] and Landscape [Pests] [Insects]
- Apply As A [Perimeter] [Barrier] Treatment Around Your Home
- [Provides] Season-Long Grub Control
- [Can be Applied] [Apply] [Spring] Through [Late] Summer
- Kills Ants [On Contact]
- Kills Fire Ant Queen and Colony [in 24 hours]
- Apply to Fire Ant Mounds. [Kills Queen and Colony].
- Prevents New Mound Formation
- Contains [Thiamethoxam]
- Contains [Lambda-cyhalothrin]
- A Single Application Controls Grubs [Season-Long]
- Protects [Lawns] [Turf] [Turfgrass] from Grub [Damage] [Feeding]
- Controls Grubs and Allows Turf to Recover from Grub Damage
- [Results] Guaranteed
- Guaranteed [Results or Your Money Back]
- Resealable Bag
- Easy [Pour] [Empty] Bag
- [10 lb. bag] Treats up to 5,000 sq. ft.
- [15 lb. bag] Treats up to 7,500 sq. ft.
- [20 lb. bag] Treats up to 10,000 sq. ft.

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

Manufactured for
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SCP xxxxA-M(draft Thia/Lambda L&G GR)

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