



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 9, 2016

Ronald E. Hampton, Ph.D.
Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. box 18300
Greensboro, NC 27419

Subject: Label Amendment – Adding an Oregon Application Restriction to Linden,
Basswood or Any Tilia Species
Product Name: Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L& G GR
EPA Registration Number: 100-1304
Application Date: November 18, 2015
Decision Number: 511399

Dear Dr. Hampton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Melody Banks by phone at (703) 305 5413, or via email at Banks.Melody@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Venus Eagle", followed by a horizontal line.

Venus Eagle, Product Manager 01
Invertebrate & Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

Enclosure: Stamped label

(Master label)

Thiamethoxam 0.20/Lambda-cyhalothrin 0.04 L&G GR

[For control of grubs and other listed 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%
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Other Ingredients:	99.76%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

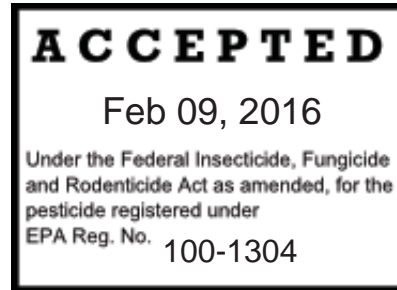
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use in booklet [on bag].

EPA Reg. No. 100-1304
EPA Est. XXXX

Net Weight

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



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled. Avoid breathing dust. Remove and wash contaminated clothing before reuse. 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, using tobacco, or using the toilet.

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice
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.
NOTE TO PHYSICIAN Treat symptomatically.	
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 [Alternate phone number]	

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates. 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. 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 ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street back onto the treated area of the lawn or garden will help to prevent run-off to water bodies or drainage systems.

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.

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.]
- **DO NOT apply this product, by any application method, to linden, basswood, or *Tilia* species.**
- Do not use measuring utensils such as teaspoons or cups for food purposes after use with insecticides.
- Do not allow children or pets to re-enter until the treated area has been watered-in and allowed to dry.
- Do not apply by hand. Use appropriate specified application equipment.
- Granules must be watered in, and pests must contact the treated area for the product to be effective.
- Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off.
- Do not make applications during rain.
- 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.

WHERE TO APPLY

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

BENEFITS

- Provides control of grubs in lawns and landscaped plantings
- Can apply to the soil for control of listed foliar insects
- Readily absorbed by the roots and leaves and distributes throughout the plant

- Residues on the leaves are quickly degraded
- Can be used on all major lawn grasses and landscape plantings
- Provides a barrier to insect pests around your home

INSECT PESTS CONTROLLED

- White grubs
- Aphids
- Mole crickets
- Chinch bugs
- [Ants (excluding Pharaoh ants)]
- 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 listed 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

DO NOT apply this product, by any application method, to linden, basswood, or *Tilia* species.

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, water in within 1 day.
- If you are preventing an insect problem, water 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.
- Keep children and pets off the area until dry.

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		
Ants** (excluding Pharaoh ants) Red Imported Fire Ants 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. The use of broadcast treatment is not intended to be a substitute for fire ant mound treatment. For effective fire ant control you must also treat the mound. Will only control carpenter ants that contact the treated area.
Annual bluegrass weevil	3 lb per 1,000 sq ft	Apply when insects are present.

Insect Pest	How Much to Apply	When to Apply
Ant[s] ** [hills](excluding Pharaoh ants)	1 to 2 teaspoons around each ant hill	Apply when ants are present. Gently water-in after application, to avoid disturbing the ants. (If necessary, first break soil crust to ensure water penetrates the mound.) Will only control carpenter ants that contact the treated area.
Fire Ant[s][Mounds]	½ cup over, and 2 feet around, each fire ant mound	Treat new mounds as they appear. Water in thoroughly immediately after application with a minimum of 1 gallon per each mound area. Apply water gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration reducing product effectiveness. NOTE: For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours.

Leaf-Feeding Insects

Aphids Mealybugs Whiteflies	1 to 3 lb per 1,000 sq ft or 1½ to 4 teaspoons per 10 sq ft of planting bed or ⅓ to ¼ cup per 100 sq ft of planting bed	Apply preventively, before you see insects.
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* 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.

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

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

HOW TO APPLY

- Before you apply,
 - remove debris and leaf lifter 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** (excluding Pharaoh ants) Beetles Centipedes Cockroaches Crickets Earwigs Firebrats Fleas Millipedes Mites Mosquitoes Palmetto bugs Pillbugs Scorpions Silverfish Sowbugs Spiders (excluding black widow and brown recluse spiders) Ticks Waterbugs	2 to 3 lb per 1,000 sq ft	Apply preventatively or when insects are noticed.

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

SPREADER SETTINGS

(Spreader setting table available at final printing)

(This paragraph – footnote to table of spreader settings) 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 Handling *(consumer products)*

Non-refillable container. Do not reuse or refill this container.

If empty: 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.

Optional Comprehensive List of Marketing Claims

- Controls [kills] insects in 24 hours
- Works in 24 hours
- [Ready-][Easy-] to-Use
- Easy-to-Spread Granules
- Ready-To-Spread Granules
- EcoGranules™ Dissolve Rapidly for Quicker Release
- Low Odor
- Controls Listed [Lawn] [Turf] Pests
- Can be Applied to: [Lawns] [Turf], Landscape Plantings and Flower Beds, and around the outside of the home.

