

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



OFFICE OF
PREVENTION, PESTICIDES,
AND TOXIC SUBSTANCES

OCT 29 2008

Thomas J. Parshley
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Dear Mr. Parshley:

Subject: Submission of amended labeling to add additional optional marketing claims
Thiamethoxam Lawn and Landscape 0.22G
EPA Registration No. 100-1289
Your submission dated 9/24/08; resubmission dated 10/21/08

The proposed labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable with the following comments:

- Revise the Container Disposal section as follows:

If empty: Non-refillable container. Do not reuse or refill 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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

(Note: The language specified in PR Notice 2007-4 for container disposal is not intended to replace the existing container disposal statements.)

- For the future, please note: Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy is enclosed for your records. Please submit two copies of your final printed labeling before you release the product for shipment. 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(e). If you have any questions, please contact Julie Chao by phone at: (703) 308-8735, or by email at: chao.julie@epa.gov.

Regards,



Venus Eagle
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

3/10

(Master)

**Thiamethoxam
Lawn and Landscape 0.22G**

[For control of grubs and other listed insects in lawns and landscape plantings]

Active Ingredient:	
Thiamethoxam (CAS No. 153719-23-4)	0.22%
Other Ingredients:	99.78%
Total:	100.00%

Thiamethoxam Lawn and Landscape 0.22G is a granule that contains 0.035 ounces of active ingredient per pound of product.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See back panel for additional precautionary statements.

EPA Reg. No. 100-1289

EPA Est. _____

Product of _____

Formulated in _____

SCP 1289A-M(draft-b)

Net Weight

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

**ACCEPTED
With COMMENTS
In EPA Letter Dated:
OCT 29 2008
Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:
100-1289**

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Caution

Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, or using tobacco.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • 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 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 For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call 1-800-888-8372</p>	

Environmental Hazards

This product is toxic to wildlife and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwater.

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.
- Do not use measuring utensils such as teaspoons or cups for food purposes after use with insecticides.
- Do not apply by hand. Use appropriate specified application equipment.
- Do not allow children and pets to re-enter until the treated area has been watered-in and allowed to dry.

WHERE TO APPLY

- Home lawns
- Landscape plantings
- Flower beds

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

INSECT PESTS CONTROLLED

- Aphids
- Chinch bugs (suppression)
- Mole crickets (suppression)
- White grubs

HOW THIAMETHOXAM LAWN AND LANDSCAPE 0.22G WORKS

Thiamethoxam Lawn and Landscape 0.22G controls listed sucking and chewing insects through contact and ingestion both in the soil and by feeding on the plant tissue.

When Thiamethoxam Lawn and Landscape 0.22G is applied to the lawn or the soil around landscape plants, the active ingredient is released from the granule by watering-in or rainfall. The active ingredient is absorbed via the root system and rapidly moves throughout the plant. In turf and small landscape plants, insect feeding will stop within a few hours of treatment. For large landscape plants, it may take several days or weeks before stem and foliar insects are controlled.

LAWNS

HOW TO APPLY

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

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.

Insect Pest	How Much to Apply	When to Apply
White grubs*	2 to 2.8 lb. per 1,000 sq. ft.	May through mid-August. Contact your local Cooperative Extension Service for the best time to apply in your area.
Greenbug Leafhopper Sod webworm Spittlebug	2 to 2.8 lb. per 1,000 sq. ft.	Apply when insects are present.
Annual bluegrass weevil	2.8 lb. per 1,000 sq. ft.	Apply when insects are present.
Mole crickets (suppression**)	2 to 2.8 lb. per 1,000 sq. ft.	For Florida, apply once in April to early May. In other areas, apply mid-May to mid-June.
Chinch bugs (suppression**)	2 to 2.8 lb. per 1,000 sq. ft.	Apply prior to hatching of nymphs.
Ants (excluding fire, harvester, carpenter, and Pharaoh ants)	1 teaspoon around each ant hill	Apply when ants (excluding fire, harvester, carpenter, and Pharaoh ants) are active.

* Grubs (larvae) of Asiatic garden beetle, Billbugs, Black turfgrass ataenius, European chafer, Green June beetle, Japanese beetle, May or June beetle, Northern masked chafer, Oriental beetle, Scarab beetle, Southern masked chafer

** Suppression may mean erratic control, ranging from good to poor, or a consistent lower level of control.

- Use the higher specified rate for lawns with heavy thatch (greater than 3/4 inch).
- Do not apply more than 2.8 lb. per 1,000 sq. ft. per year.
- Do not apply from your hand.

LANDSCAPE PLANTS

HOW TO APPLY

Spread granules evenly over the area to be treated using a hand held applicator or spreader.

Water-in the granules: Hose spray, watering can 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.

Insect pest	How much to apply	When to apply
White grubs*	2 to 2.8 lb. per 1,000 sq. ft. or 2¼ – 3 teaspoons per 10 sq. ft. of planting bed or ½ – ⅔ 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.
Aphids Mealybugs Whiteflies	1 to 2.8 lb. per 1,000 sq. ft. or 1 – 3 teaspoons per 10 sq. ft. of planting bed or ¼ – ⅔ cup per 100 sq. ft. of planting bed	Apply preventively, before you see insects.

* Grubs (larvae) of Asiatic garden beetle, Billbugs, Black turfgrass ataenius, European chafer, Green June beetle, Japanese beetle, May or June beetle, Northern masked chafer, Oriental beetle, Scarab beetle, Southern masked chafer

- Do not apply more than 2.8 lb. per 1,000 sq. ft. per year.
- Do not eat fruit and nuts from treated plants.
- Do not apply Thiamethoxam Lawn and Landscape 0.22G from your hand.

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 Disposal

Nonrefillable container. Do not reuse or refill this container.

Offer for recycling, if available.

Comprehensive List of Optional Marketing Claims

- [Ready][Easy] to Use
- Easy-to-Spread Granules
- Can be Applied to: Lawns, Landscape Plantings and Flower Beds
- [Provides] Season-Long Grub Control
- [Can be Applied] [Apply] [Spring] Through [Late] Summer
- Contains [Thiamethoxam] [Meridian] [Flagship]
- A Single Application Controls Grubs [Season-Long]
- Protects [Turf] [Turfgrass] from Grub [Damage] [Feeding]
- Controls Grubs and Allows Turf to Recover from Grub Damage
- [Results] Guaranteed or Your Money Back
- Treats up to x,xxx sq. ft.
- [controls] [kills] [soil pests] [grubs] on contact
- [grub] feeding will stop within minutes [to hours]
- Kills grubs on contact and provides season-long control
- For [Home] Lawns, Landscape Plantings and Flower Beds

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Questions or Comments?
 Call [800 number] or visit our Website at www.[_____] .com

SCP 1289A-M(draft-b)