



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

100-1336

Date of Issuance:

MAY 12 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Thiamethoxam 0.010/Lambda-Cyhalothrin 0.004 ME RTU

Name and Address of Registrant (include ZIP Code):

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 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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.

Continued on page 2

Signature of Approving Official:

Venus Eagle

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

Date:

MAY 12 2009

3. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Reg. No. so it reads, "EPA Reg. No. **100-1336.**"
 - b. On page 5, under the How to Apply section, revise the statement "Re-apply in 7-14 days as needed," so it reads, "**Re-apply as needed.**"
 - c. Under the Optional Comprehensive List of Marketing Claims, revise the statement "[Kills][Controls] for up to 30 days," so it reads, "[Kills][Controls] **many/certain insects** for up to 30 days."
 - d. Under the Optional Comprehensive List of Marketing Claims, revise the statement "Kills [insects][surface insects] on contact," so it reads, "Kills **many/certain** [insects][surface insects] on contact."
 - e. Under the Optional Comprehensive List of Marketing Claims, revise the statement "[Kills][Controls] insects in 24 hours," so it reads, "[Kills][Controls] **many/certain** insects in 24 hours.
4. For future submissions, make the following changes to your Confidential Statement of Formulation (EPA Form 8570-4):
 - a. Box 4: Revise the EPA Reg. No. so it reads, "EPA Reg. No. **100-1336.**"

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

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

Enclosure

(Master label)

Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU

[For broad spectrum control of insects in landscape plantings]
[For [Landscape plantings, such as] shrubs, roses, evergreens, trees, foliage plants,
groundcovers]

Active Ingredient:

Thiamethoxam (CAS No. 153719-23-4)	0.010%
<u>Lambda-cyhalothrin (CAS No. 91465-08-6)</u>	<u>0.004%</u>
<u>Other Ingredients:</u>	<u>99.986%</u>
Total:	100.000%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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

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

SCP xxxxx(draft-c)

- 1 pint, 8 ounces [(24 fl. oz.)] [(710 ml.)]
 - 1 pint, 12.8 ounces [(28.8 fl. oz.)][(852 ml.)]
 - 1 quart [(32 fl. oz.)] [(946 ml.)]
 - 2 quarts [(64 fl. oz.)] [(1893 ml.)]
 - 1 gallon [(128 fl. oz.)] [(3785 ml.)]
 - _____ gallons
- Net Contents

ACCEPTED
With COMMENTS
 In EPA Letter Dated:
 MAY 12 2009
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:

100-1336

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <i>[1-800-888-8372] [Alternate phone number]</i>	

Environmental Hazards

This product is extremely toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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.
- People and pets may re-enter after the treated area has been allowed to dry.

SPRAYER DIRECTIONS

(.....*BEGIN – Directions for Trigger Sprayer*.....)

- Twist nozzle tip to adjust the spray pattern.
- Spray according to directions – See **How to Apply**.
- When done spraying, turn nozzle to “OFF” position.

(.....*END – Directions for Trigger Sprayer*.....)

(.....BEGIN – Directions for [EZ Pull and Apply™] [Alternate Name] Sprayer.....)

- Remove sprayer and hose from side carrier.
- Insert [color] plug at end of hose into [color] spout on cap *until it clicks* into place.
- Flip up spout.
- Grasp sprayer by the handle and point away from body.
- Slowly pull the ring at the bottom of the spray handle.
- Twist nozzle tip to adjust the spray pattern.
- Press and hold button on the sprayer to begin spraying.
- Pull ring at bottom of sprayer as needed to continue spraying.
- Spray according to directions – See **How to Apply**.

(.....END – Directions for [EZ Pull and Apply™] [Alternate Name] Sprayer.....)

(Directions for Trigger Sprayer and for [EZ Pull and Apply™] [Alternate Name] Sprayer)

LANDSCAPE PLANTS

Where to Apply

- Landscape plantings, such as shrubs, roses, evergreens, trees, foliage plants, groundcovers
- Flower beds

Benefits

- [Dual-action] with contact control *plus* long-lasting residual control
- [Rainfast] [Rainproof] [Waterproof] within 1 hour.
- [Broad spectrum control.]
- [[For use][For insect control]][Can be used][Controls insects] on [all major] landscape plantings]

How it Works

The [dual-action] [dual activity] of Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU [kills] [controls] many insects two ways: through direct contact and by ingestion.

One ingredient starts working right away [killing] [controlling] insects that come in contact with the product. The other ingredient is absorbed into the plant, moves rapidly throughout, and causes insects [which ingest plant tissue] to stop feeding and die. Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU keeps insects from reestablishing for up to 30 days.

How to Apply

- Spray uniformly to wet the leaves, but not to runoff.
- [Contact your local Cooperative Extension Service for more information on the best time to apply in your area.]
- Re-apply in 7-14 days as needed.

Controls These Insects

Adelgids [<i>Hemlock wooly adelgid</i>]	June beetles (adults)	Scale insects (crawlers)* [<i>California red scale</i> (crawlers)*]
Ants	Lace bugs [<i>Azalea lace bug</i>]	[<i>Pine needle scale</i> (crawlers*)]
Aphids	[<i>Hawthorne lace bug</i>]	[<i>Cottony cushion scale</i> *]
Armyworms	Leaf rollers	[<i>Brown soft scale</i> *]
Azalea caterpillars	Leaf skeletonizers	[<i>Fletcher scale</i> *]
Bagworms**	Leaf-feeding beetles	Spider mites
Black vine weevils (adult)	Leaf-feeding caterpillars	Spittlebugs
Blister gall	Leafhoppers	Spiders
Boxelder bugs	Leafminers	Striped beetles
Broadmites	Mealybugs	Striped oakworms
Budworms	Midges	Tent caterpillars [<i>Forest tent caterpillars</i>]
California oakworms	Mosquitoes	[<i>Eastern tent caterpillars</i>]
Cankerworms	Nipple gall	Thrips
Clover mites	Oleander moth larvae	Tip moths
Cockroaches	Pillbugs	Tussock moth larvae
Crickets	Pine shoot beetles	Wasps
Cutworms	Pinetip moths	Whiteflies
Elm leaf beetles	Plant bugs	
Fall webworms	Root weevils	
Flea beetles	Sawflies	
Gypsy moth larvae	[<i>Pine sawflies</i>]	
Honeylocust pod gall midge	[<i>European pear sawfly</i>]	
Japanese beetles (adults)	[<i>European sawflies</i>]	

* For best control of scale insects, spray leaves, stems, and trunks thoroughly.

** Spray directly on the bagworm larvae after they hatch. Control is most effective when the larvae are young.

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.

Pesticide Disposal and Container Handling (*consumer products*)

Nonrefillable 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.

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 Handling (*bulk and mini-bulk*)

Nonrefillable container. Do not reuse or refill this container.

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

Optional Comprehensive List of Marketing Claims

- *Dual-Action [Formula]*
- *Dual Activity [Formulation]*
- *Fast-Acting [Formula]*
- *Long-Lasting [Formula]*
- *Broad Spectrum [Formula] [Control]*

- *Kills [insects] on contact [plus residual control]*
- *Residual control*
- *[Dual-action] with contact control plus long-lasting residual control*
- *[Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] keeps insects from reestablishing for up to 30 days.*
- *[Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] Extended Control*
- *[Kills] [Control] for up to 30 days*
- *Kills [insects] [surface insects] on contact*
- *[Insect] Feeding will stop within minutes*
- *Kills fast*
- *Fast Killing*
- *[Kills] [Controls] insects in 24 hours*
- *Works in 24 hours*

- *[Rainproof] [Rainfast] [Waterproof] within 1 hour*
- *Rain and waterproof in [60 minutes] [one hour][or less]*

- *Controls [Many] [Landscape] [Ornamental] Pests*
- *[For use][For insect control][Can be used] on all major landscape plantings [and flower beds]*
- *Can be Applied to: Landscape Plantings and Flower Beds*
- *[Kills] [Controls] Common Landscape [Pests] [Insects]*
- *[Kills] [Controls] A Variety of [Landscape [Pests] [Insects]*
- *[Can be Applied] [Apply] [Spring] Through [Late] Summer*


- *[Kills][Controls] more than [50] [65] insects*
- *Kills Ants [On Contact]*
- *Kills Japanese Beetles [on contact]*
- *Kills whiteflies, [and] aphids, [and] [mealybugs]*
- *Kills scale insects*
- *Kills wasps*
- *Kills common insect pests of roses*

- *Sprayer included*
- *Ready-to-use*
- *Easy to use ready spray*

- *Clear Formula*
- *Clear Formula – Non-staining, No odor*
- *Non-staining Clear Formula*
- *No Odor Clear Formula*
- *No lingering odor*

- No oily residue
- Unscented
- Leaves no odor
- No Odor
- Odor Free
- Water-based

- Contains [Thiamethoxam]
- Contains [Lambda-cyhalothrin]
- [Results] Guaranteed or Your Money Back
- Guaranteed Results or Your Money Back
- Satisfaction Guaranteed or Your Money Back
- Larger Size – [xx% More!] [covers xxx square feet]
- Larger Size [28.8 oz.]
- Special Value [Larger Size] [xx% more]
- Compare and Save - [larger size] [xx% more!]

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[optional]

*For non-emergency (e.g. current product information) call
[Syngenta Crop Protection at 1-800-334-9481][Company name and optional alternate
phone number]*

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

SCP xxxxxA-M (draft-c)