



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 25, 2015

Ronald E. Hampton
Regulatory Product Manager, Lawn and Garden
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

Subject: Notification per PRN 98-10 – Adding restriction language to prohibit use on Linden, Basswood and Tilia ornamental plant species
Product Name: Difenconazole 0.017/Thiamethoxam 0.010/Lambda-Cyhalothrin 0.004 ME RTU
EPA Registration Number: 100-1366
Application Date: 07/30/2015
Decision Number: 508174

Dear Mr. Hampton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

If you have any questions, you may contact Fatima Sow at (703) 347-8308 or via email at sow.fatima@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish, Product Manager 22
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU

[For control of listed insects and diseases on roses]
[For control of listed insects and diseases on roses and other landscape plants]
[For control of listed insects and diseases on roses and other landscape plantings]
[For control of listed insects and diseases on roses and other landscape ornamentals]

Active Ingredients:	
Difenoconazole*:	0.017%
Thiamethoxam**:	0.010%
Lambda-cyhalothrin***:	0.004%
<hr/>	
Other Ingredients:	99.969%
Total:	100.000%

NOTIFICATION

100-1366

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/25/2015

* CAS No. 119446-68-3
** CAS No. 153719-23-4
*** CAS No. 91465-08-6

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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

EPA Reg. No. 100-1366

EPA Est.

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.)]
1.33 gallons [(1 gallon, 1 quart, and 10 ounces)] [(170 fl. oz.)] [(5035 ml.)]
_____ gallons
Net Contents

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.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a Poison Control Center or doctor for treatment advice.
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 further treatment advice.
NOTE TO PHYSICIAN	
If ingested, induce emesis or lavage stomach. Treat symptomatically.	
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 [1-800-888-8372] [Alternate phone number]	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Environmental Hazards

This pesticide is toxic to fish, mammals, and aquatic invertebrates. Drift and runoff may be hazardous to aquatic **estuarine/marine** organisms in water adjacent to treated area. Do not apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

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

PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to:

www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at:

beekill@epa.gov

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

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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of [SYNGENTA CROP PROTECTION, LLC] or Seller. To the extent consistent with applicable law, Buyer and User agree to hold [SYNGENTA] and Seller harmless for any claims relating to such factors.

[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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or [SYNGENTA], and (2) Buyer and User assume the risk of any such use. To the extent consistent with applicable law, [SYNGENTA] MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent consistent with applicable law, in no event shall [SYNGENTA] be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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 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.



Do not apply Difenoconazole 0.017 Thiamethoxam 0.010 Lambda-Cyhalothrin 0.004 ME RTU while bees are foraging. Do not apply Difenoconazole 0.017 Thiamethoxam 0.010 Lambda-Cyhalothrin 0.004 ME RTU to plants that are flowering. Only apply after all flower petals have fallen off.

- Read entire label before using this product.
- People and pets may re-enter after the treated area has been allowed to dry.
- Do not use on plants grown for food or feed

[optional]

Product Facts	
Insects Controlled	Ants (except fire ants, harvester ants, pharaoh ants and carpenter ants), Aphids, Caterpillars, Japanese Beetles, Leafminers, Spider Mites, Whiteflies, [any listed insect list in label] and other listed pests
Diseases Controlled	Black spot, Powdery Mildew, Rust, Scab, Leaf Spot
Where to Apply	<ul style="list-style-type: none">• Roses• [Landscape plants]• [Landscape plantings]• [Landscape ornamentals]• [Landscape plants such as] [trees and shrubs] [foliage plants] [and] [groundcovers]• [Landscape plantings such as] [trees and shrubs] [foliage plants] [and] [groundcovers]• [Landscape ornamentals such as] [trees and shrubs] [foliage plants] [and] [groundcovers]• [Flower beds]
How to Apply	<ul style="list-style-type: none">• Spray uniformly to wet the top and bottom of leaves
When to Apply	Apply when listed insects and disease are present or as a preventative application.
[Graphic - telephone]	Questions or Comments: Call [1-866-796-4368] [alternate phone number] Medical Information (Human or Animal): Call [1-800-888-8372] [alternate phone number]

Sprayer Directions

(.....BEGIN - Directions for Trigger Sprayer.....)

- Twist nozzle tip to adjust the spray pattern.
- Spray uniformly to wet the top and bottom of leaves, but not to [runoff] [dripping].
- 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 uniformly to wet the top and bottom of leaves, but not to [runoff] [dripping].

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

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

Benefits

- [Controls black spot, powdery mildew and rust on roses]
- [Controls listed insects and diseases on roses]
- [Controls listed insects and diseases on roses and other landscape plants]
- [Controls listed insects and diseases on roses and other landscape plantings]
- [Controls listed insects and diseases on roses and other landscape ornamentals]
- [[Dual-action] listed insect control: contact plus long-lasting residual]
- [[Dual-action] listed insect control plus disease control]
- [[Rainfast] [Rainproof] [Waterproof] within 1 hour]
- [Broad spectrum control]
- [For use on [all] landscape plants]
- [For use on [all] landscape plantings]
- [For use on [all] landscape ornamentals]
- [For listed insect and disease control on [all] landscape plants]
- [For listed insect and disease control on [all] landscape plantings]
- [For listed insect and disease control on [all] landscape ornamentals]
- [Can be used on [all] landscape plants]
- [Can be used on [all] landscape plantings]
- [Can be used on [all] landscape ornamentals]

How it Works

The [dual-action] [dual activity] of the insecticide portion of Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU [kills] [controls] many listed insects two ways: through direct contact and by ingestion. One ingredient [lambda-cyhalothrin] starts working right away [killing] [controlling] listed insects that come in contact with the product. The other ingredient [thiamethoxam] is absorbed into the plant, moves rapidly throughout, and causes listed insects [which ingest plant tissue] to stop feeding and die. Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU keeps listed insects from reestablishing for up to 30 days.

Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU contains a broad-spectrum fungicide [difenoconazole] that works systemically from within the plant, controlling many important plant diseases.

Where to Apply

- Roses
- [Landscape plants]
- [Landscape plantings]
- [Landscape ornamentals]
- [Landscape plants such as] [trees and shrubs] [foliage plants] [and] [groundcovers]
- [Landscape plantings such as] [trees and shrubs] [foliage plants] [and] [groundcovers]
- [Landscape ornamentals such as] [trees and shrubs] [foliage plants] [and] [groundcovers]
- [Flower beds]

When to Apply

- Apply when listed insects and diseases are present or as a preventative. [Early applications are the most effective.]
- [Contact your local Cooperative Extension Service for more information on the best time to apply in your area.]
- Insect control lasts for up to 30 days. Reapply as needed. For disease control, re-apply in 7-14 days, if necessary.

[Controls] [Kills] These Diseases

Black spot
Powdery mildew
Rust
Scab
Leaf spot diseases

Coverage

- [24 fl. oz. container treats 91 sq. ft.]
- [28.8 fl. oz. container treats 109 sq. ft.]
- [32 fl. oz. container treats 121 sq. ft.]
- [64 fl. oz. container treats 242 sq. ft.]
- [128 fl. oz. container treats 484 sq. ft.]

[Controls] [Kills] These Listed Insects

Adelgids	June beetles (adults)	Scale insects (crawlers)*
[Hemlock woolly adelgid]	Lace bugs	[California red scale
Ants (except fire ants,	[Azalea lace bug]	(crawlers)*]
harvester ants, pharaoh	Leaf rollers	[Pine needle scale
ants and carpenter ants)	Leaf skeletonizers	(crawlers*)]
Aphids	Leaf-feeding beetles	Soft Scales*
Armyworms	Leaf-feeding caterpillars	[Florida wax scale*]
Azalea caterpillars	Leafhoppers	[Brown soft scale*]
Bagworms**	Leafminers	[Fletcher scale*]
Black vine weevils (adult)	Mealybugs	Spider mites
Blister gall	Midges	Spittlebugs
Boxelder bugs	Nipple gall	Spiders (except brown
Broadmites	Oleander moth larvae	recluse and black widow)
Budworms	Pillbugs	Striped beetles
California oakworms	Pine shoot beetles	Striped oakworms
Cankerworms	Pinetip moths	Tent caterpillars
Clover mites	Plant bugs	[Forest tent caterpillars]
Crickets	Root weevils	[Eastern tent caterpillars]
Cutworms	Sawflies	Thrips
Elm leaf beetles	[Pine sawflies]	Tip moths
Fall webworms	[Pear sawfly]	Tussock moth larvae
Flea beetles	[European sawflies]	Whiteflies
Gypsy moth larvae		
Honeylocust pod gall midge		
Japanese beetles (adults)		

* 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 or disposal.

Pesticide Storage

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

Pesticide Disposal and 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

- Three-Way Control - Contact and systemic insect control plus systemic disease control.
- Three-Way Action - Contact and systemic insect control plus systemic disease control.
- Triple Action - Contact and systemic insect control plus systemic disease control.
- Three-Way Control - Contact and systemic insect control plus systemic disease control.
- Three-Way Action - Contact and systemic insect control plus systemic disease control.
- 2 + 1 Action - Contact and systemic insect control plus systemic disease control.
- 2 + 1 Control - Contact and systemic insect control plus systemic disease control.
- 3-in-1 Formula [- Controls listed insects on contact and systemically and controls diseases]
- Dual-Action Insect Control [Formula]
- Dual-Action Insect Control and Systemic Disease Control
- Dual-Action Insect Control Plus Systemic Disease Control
- Dual Activity Insect Control [Formulation]
- Fast-Acting [Formula]
- Fast-Acting [Formula]
- Long-Lasting Insect [Control] [Killer]
- Broad-Spectrum Insect Formula
- Broad-Spectrum Insect Control
- Stops disease[s] and prevents new infection[s]

- Kills many listed insects on contact [plus residual control]
- Residual control
- [Dual-action] insect control: contact plus long-lasting residual
- [Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] Keeps listed insects from reestablishing for up to 30 days.
- [Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] Extended Control
- Kills many listed insects for up to 30 days
- Controls many listed insects for up to 30 days
- Kills many [surface] listed insects on contact
- [Insect] Feeding will stop within minutes
- Kills fast
- Fast Killing
- Kills many listed insects in 24 hours
- Controls many listed insects in 24 hours
- [Rainproof] [Rainfast] [Waterproof] within 1 hour
- Rain and waterproof in 60 minutes [or less]
- Rain and waterproof in one hour [or less]
- Controls [Many] Pests on Roses [and Landscape plants]
- Controls [Many] Pests on Roses [and Landscape plantings]
- Controls [Many] Pests on Roses [and Landscape ornamentals]
- Controls [Many] Pests on Landscape plants
- Controls [Many] Pests on Landscape plantings
- Controls [Many] Pests on Landscape ornamentals
- For use on roses [and [all] landscape plants] [and flower beds]
- For use on roses [and [all] landscape plantings] [and flower beds]
- For use on roses [and [all] landscape ornamentals] [and flower beds]
- For insect and disease control on roses [and [all] landscape plants] [and flower beds]
- For insect and disease control on roses [and [all] landscape plantings] [and flower beds]
- For insect and disease control on roses [and [all] landscape ornamentals] [and flower beds]
- Can be used on roses [and [all] landscape plants] [and flower beds]
- Can be used on roses [and [all] landscape plantings] [and flower beds]
- Can be used on roses [and [all] landscape ornamentals] [and flower beds]
- Can be Applied to: [Roses] [Landscape [plants] [plantings] [ornamentals] [and] [Flower Beds]
- Kills Listed [Pests] [Insects and Diseases] on Roses [and Landscape plants]
- Kills Listed [Pests] [Insects and Diseases] on Roses [and Landscape plantings]
- Kills Listed [Pests] [Insects and Diseases] on Roses [and Landscape ornamentals]
- Kills Listed [Pests] [Insects and Diseases] on Landscape plants
- Kills Listed [Pests] [Insects and Diseases] on Landscape plantings
- Kills Listed [Pests] [Insects and Diseases] on Landscape ornamentals
- Controls Listed [Pests] [Insects and Diseases] on Roses [and Landscape plants]
- Controls Listed [Pests] [Insects and Diseases] on Roses [and Landscape plantings]

- Controls Listed [Pests] [Insects and Diseases] on Roses [and Landscape ornamentals]
- Controls Listed [Pests] [Insects and Diseases] on Landscape plants
- Controls Listed [Pests] [Insects and Diseases] on Landscape plantings
- Controls Listed [Pests] [Insects and Diseases] on Landscape ornamentals
- Kills Diseases [and Listed Insects] on Roses and Landscape Plants
- Controls Diseases [and Listed Insects] on Roses and Landscape Plants
- Kills Pests on Roses and Landscape Plants
- Controls Pests on Roses and Landscape Plants
- Kills Listed Insects on Roses and Landscape Plants
- Controls Listed Insects on Roses and Landscape Plants
- [Stops] [Controls and] prevents listed disease problems on roses, landscape plants and flowers
- [Stops] [Controls and] prevents listed disease problems on roses, landscape plantings and flowers
- [Stops] [Controls and] prevents listed disease problems on roses, landscape ornamentals and flowers
- [Stops] [Controls and] prevents black spot, powdery mildew and rust diseases in roses
- Controls black spot, powdery mildew and rust, scab and leaf spot diseases
- Stops [Controls] and Prevents listed Diseases
- Systemic Fungicide
- Insect and disease protection for roses, landscape plants and flowers
- Insect and disease protection for roses, landscape plantings and flowers
- Insect and disease protection for roses, landscape ornamentals and flowers
- [Stops and] prevents listed insect problems on roses, landscape plants and flowers
- [Stops and] prevents listed insect problems on roses, landscape plantings and flowers
- [Stops and] prevents listed insect problems on roses, landscape ornamentals and flowers
- Absorbs into the plant
- Absorbs [penetrates] the plant to provide protection from the inside
- [Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] Moves through new plant growth for long lasting insect protection
- [Difenoconazole 0.017/Thiamethoxam 0.010/Lambda-cyhalothrin 0.004 ME RTU] Moves through new plant growth for long lasting insect control
- Treats Up to [85 for 1 pint product] [plants] [roses]
- Kills more than 50 listed insects
- Controls more than 50 listed insects
- Kills Ants (except fire ants, harvester ants, pharaoh ants and carpenter ants) [On Contact]
- Kills Japanese Beetles [on contact]
- Kills whiteflies, [and] aphids, [and] [mealybugs]
- Kills scale insects
- Kills listed insect pests on roses

- Keeps protecting plants from insect damage for up to 30 days
- Clear Formula
- Clear Formula - Non-staining, Low odor
- Non-staining Clear Formula
- Low Odor Clear Formula
- No lingering odor
- No oily residue
- Low Odor
- Water-based
- Contains [Thiamethoxam]
- Contains [Lambda-cyhalothrin]
- Contains [Difenoconazole]
- [Results] Guaranteed or Your Money Back
- Guaranteed Results or Your Money Back
- Satisfaction Guaranteed or Your Money Back
- Squeeze and Measure [bottle] [no touch] [precise dosing] [easy dose] [no mess] [easy cleanup]
- Easy Dose System [no touch] [easy to measure] [no mess] [easy cleanup]
- Easy Pour [ing] [System] [no touch] [easy to measure] [no mess] [easy cleanup]
- Ready to Spray
- No Mixing Needed
- No Mixing, No Measuring
- Sprayer Included
- For Outdoor [Residential] Use Only
- Fast Acting Insect [Killer] & Disease [Killer]

The Syngenta logo registered trademark of a Syngenta Group Company

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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, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300