

228-494

5/6/2010

1 of 10



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

May 6, 2010

Mr. Matthew Granahan
Registrations Manager
Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Subject: Label Notification(s) for Pesticide Registration Notice 2008-1

Dear Mr. Granahan:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice PRN 2008-1 dated April 8, 2010 for the following product(s):

Bifenthrin 0.1% Granule **EPA Reg. No. 228-494**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2008-1 and finds that the label change(s) requested falls within the scope of PRN 2008-1. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Regina Foushee'-Smith at 703-605-0780.

Sincerely,

A handwritten signature in cursive script, appearing to read "Richard J. Gebken".

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7505P)



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

<p>United States Environmental Protection Agency Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 228-494	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bifenthrin 0.1% Granule	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: <div style="text-align: center; font-weight: bold; font-size: 1.2em;">NOTIFICATION</div> EPA Reg. No. _____ <div style="text-align: center; font-weight: bold; font-size: 1.2em;">MAY - 6 2010</div> Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change relative to PR Notice 2008-1. This notification is consistent with the guidance in PR Notice 2008-1 and the requirements of EPA's regulations at 40 CFR 156.10, 40 CFR 156.80 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2008-1 and the requirements of 40 CFR 156.10, 40 CFR 156.80 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
<i>* Certification must be submitted</i>		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 1 - 60 lb Bags		5. Location of Label Directions <input checked="" type="checkbox"/> _____	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Matthew Granahan matthew.granahan@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) 630.455.2048
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) <div style="text-align: center;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>
2. Signature 	3. Title Registration Manager	
4. Typed Name Matthew Granahan	5. Date 04/08/10	

NOTIFICATION

MAY - 6 2010

40910

BIFENTHRIN 0.1% GRANULE

FOR OUTDOOR RESIDENTIAL LAWN, HOME PERIMETER, ORNAMENTAL &
FLOWER GARDENS, AND HOME GARDEN USE ONLY

ACTIVE INGREDIENT:		By Wt.
Bifenthrin*		0.1%
OTHER INGREDIENTS:		99.9%
	TOTAL:	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN
CAUTION
 SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON BACK OF BAG.
 OR
 SEE (BACK PANEL, BOOKLET, SIDE PANEL) FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-494
EPA EST. NO.

Manufactured for
NUFARM AMERICAS INC.
150 Harvester Drive
Burr Ridge, IL 60527



NET WEIGHT: Lbs. (Kg)

000228-00494.20100408.EPA.PR98-01 Notification

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • 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 to 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.	

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. 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 to 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.

DIRECTIONS FOR USE

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

This product is a high-performance product and is:

- Virtually Odor-free.
- Fast Acting.
- Easy-to-Use.
- Broad Spectrum.
- Kills Ants, Fleas, Spiders, Ticks & Other Insects.
- Not harmful to grasses.
- For use on lawns, home perimeter, ornamental & flower gardens.
- For Outdoor Multi-insect control.
- Kills Lawn & Garden pests/insects/bugs.
- Kills/controls pests/insects/bugs in lawns & landscapes.

This product is designed for use as a ready-to-use granular insecticide to control various insects and spiders on lawns, home perimeter, ornamental & flower gardens. See specific pests for recommended level. Irrigating or watering by 0.1 to 0.5 inches immediately after application generally improves the effectiveness of this product. Please read the following "Directions for Use" carefully and fully before applying this product.

In New York State, this product may NOT be applied to any grass or turf area (lawns) within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

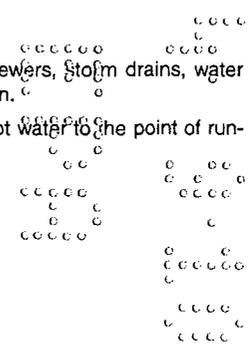
In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Do not allow children or pets to enter the area until dry.

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.

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.



600f10

**LAWN, HOME PERIMETER, ORNAMENTAL & FLOWER GARDENS
SURFACE-FEEDING INSECTS**

Use this product for the control of ants, including Carpenter, Red Harvester, Odorous Pyramid, Pharaoh (Sugar) and Fire Ants*, Foraging Fire Ants, Armyworms (including Fall Armyworms), Billbug (including Bluegrass Billbug), Chiggers, Chinch Bugs, Cockroaches, Crickets, Cutworms (including Black Cutworms), Earwigs, Grasshoppers, Mealybugs, Pillbugs, Silverfish, Sod Webworms (Lawn Moth), Sowbugs, and Weevils (including Hyperodes and Bluegrass). Uniformly apply 1.2 to 2.4 pounds over a 1,000 square feet area by using any hand- or power-operated gravity or rotary type spreader designed for the application of granular materials. A 12-pound bag will treat a 5,000 to 10,000 square feet area. *Optional language:* [XX pound bag should treat XX,XXX square feet. This would be used for a bag size other than 12 pounds. The rate of application i.e. 1.2 to 2.4 pounds of product over 1,000 square feet (or 2 to 4 ounces of product over 100 square feet) will remain the same.] Treat when insects first appear and retreat as necessary. Repeat application is necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.

*Aids in control

Argentine Ants, Black Turf Ants, Black Turfgrass Ataenius, Fleas (including Cat Fleas), Leafhoppers, Spiders (including Brown Recluse spiders) and Ticks (including Brown Dog Ticks)

Uniformly apply 2.4 pounds over a 1,000 sq. ft. area (or 3.84 ounces [4 ounces] over a 100 sq. ft. area). Best results are obtained if the treated area is thoroughly watered immediately after application.

Centipedes, Millipedes, Pavement Ants

Uniformly apply 4.8 pounds over a 1,000 sq. ft. area (or 7.68 ounces [8 ounces] over a 100 sq. ft. area). Best results are obtained if the treated area is thoroughly watered immediately after application.

Mole Crickets (including Tawny Mole Crickets)

Uniformly apply 2.4 to 4.8 pounds over a 1,000 sq. ft. area (or 3.84 to 7.68 ounces [4 to 8 ounces] over a 100 sq. ft. area). For best results: treat in late spring, and water the treated area immediately after application.

For Fire Ant Mounds

To control Fire ants, uniformly apply 1 tablespoon or 3 teaspoons** of this product to the surface of each mound. For best results, 1) apply in cool weather, 65 to 80°F, or in early morning or late evening hours. 2) avoid disturbing ants, 3) treat new mounds as they appear and 4) thoroughly water the treated area immediately after application.

**Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

Home Vegetable Gardens

How to Apply

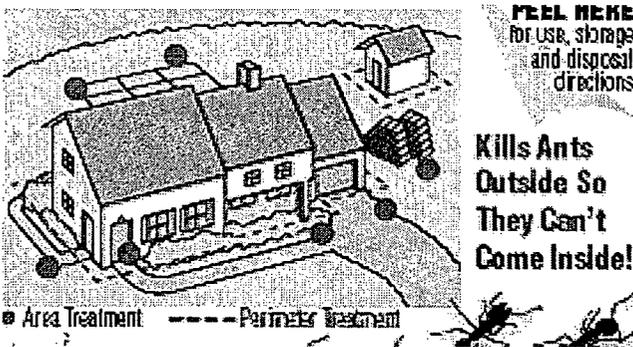
A single application may be applied just prior to planting or after plants emerge and worked into the top 4 to 6 inches of soil. Use 5 cups (1.2 lbs.) of product for a 500 sq. ft. area.

Vegetables	Days to wait to harvest	Pests
Green Peas, Edible Pods (Sugar Snap Peas, Snow Peas) Green Beans (Wax Beans, Snap Beans) Dry Beans (Black-eyed Peas, Cowpea)	3 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Sweet Corn	1 Day	Ants, armyworm, cutworms, crickets, earwigs, European corn borer, fall armyworm, grasshoppers, southwestern corn borer and weevils.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccoli, Chinese Broccoli, Chinese Cabbage, Kohlrabi	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Cucurbit Vegetables Chayote, Citron melon, Cucumber, Edible Gourd Muskmelon (Cantaloupe, casaba, Crenshaw melon, Golden melon, Honeydew Melon, Pineapple melon, Santa Claus melon, Snake melon) Pumpkin, Summer squash (Crookneck, Scallop, Straightneck, Zucchini) Winter squash (Butternut, Calabaza, Hubbard including Acorn and Spaghetti) Watermelon	3 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Peppers	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Eggplant	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Head Lettuce	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.

[Optional Text]

This product is a high-performance product and is:

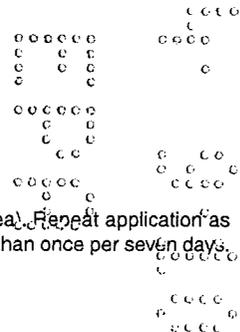
- [Virtually Odor-free]
- [Fast Acting]
- [Easy-to-Use]
- [Not harmful to grasses]
- For use on lawns, ornamentals, home perimeter and flower gardens.
- For Outdoor Multi-insect control.
- Kills/controls pests/insects/bugs in lawns & landscapes.
- Kills Ants, Fleas, Ticks and other pests/insects/bugs.
- Controls/kills lawn-destroying/lawn-invading pests/insects/bugs.
- Covers/Treats up to 8,300 sq. ft. per 10 lbs.
- Covers up to 16,600 sq. ft. per 20 lbs.
- Covers up to 5,000 sq. ft. per 6 lbs.
- Creates a pest/insect/bug barrier around your home.
- Exceptional Value!
- Kills Chinch Bugs, Mole Crickets, Grubs and Cutworms, plus other listed insects.
- Kills surface and sub-surface pests/insects/bugs that ruin your lawn.
- Ready-to-use.
- Easy to spread.
- Soil-penetrating formula reaches deep below ground.
- Deep-reaching formula that kills lawn-destroying insects.
- Provides a barrier of protection around your home.
- Guaranteed to work or your money back.
- Satisfaction Guaranteed.
- The smart solutions to pest/insect/bug problems.
- Solves your pest/insect/bug problems fast.
- Outdoor use only (icon).
- Keeps [Lawn] Insects Away for Up to 2 Months [8 weeks].
- Kills Tough Lawn Insects [and Keeps Them Away for Up to 2 Months [8 weeks]].
- Kills insects/bugs on contact
- Kills in 24 hours
- Kills overnight
- Kills over 50 listed insects
- Kills Ants Outside so They Can't Come Inside!
- Easy to Use Resealable Shaker Bag
- Resealable Bag
- Slide zipper tab to open bag (with simple illustration showing bag with notch to slide and arrow)
- Pull apart to break apart (with simple illustration showing bag pulled apart with arrows)
- Kills Surface & Sub-Surface Insects
- Deep Reaching Formula
- Kills Grubs & Mole Crickets



Ornamental Flower Beds (Outdoors)

Pests Controlled: Ants, crickets, earwigs, grasshoppers, spiders and ticks.

How to Apply: Evenly apply 1.2 lb. of product for every 500 sq. ft. area (or 2 ounces for every 50 sq. ft. area). Repeat application as necessary only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per seven days.



Home Invading Insects: Barrier Treatment Around House Foundation (Outdoors)

Pests Controlled: Ants, chiggers, crickets, earwigs, grasshoppers, spiders and ticks.

How to Apply: Evenly apply a 2-foot band of granules next to the house foundation. Use 1.2 lb. for each 500 sq. ft. (2 ft. X 250 ft.)(or 2 ounces for each 50 sq. ft.(2 ft. x 25 ft.)). If necessary, repeat applications every 2 weeks only if there are signs of renewed insect activity.

SPREADER TIPS		
Spreader	Spreader Settings covers x,xxx sq. ft.	Directions
Scotts Drop Spreaders	?	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts Easy Green® Rotary	??	Side shut-off lever to the right; application automatically starts and stops when you do. For complete coverage make each pass about 30 inches from the previous one so some overlapping occurs.
Scotts SpeedyGreen® Rotary	?	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs. Avoid applying this product on flower, vegetable and shrub plantings.

(Bag Size specific)

SPREADER TIPS				
Spreader	Spreader Settings Pounds of Product per 500/1,000 sq. ft.			Directions
	0.5/1.2	1.2/2.4	2.4/4.8	
Scotts AccuGreen® Drop Spreader	3-1/4	4-1/2	6	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts SpeedyGreen® Rotary	2	2-3/4	4-1/2	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs. Avoid applying this product on flower, vegetable and shrub plantings.

When using other spreaders, calibrate the spreader settings based on the manufacturer's recommendations.

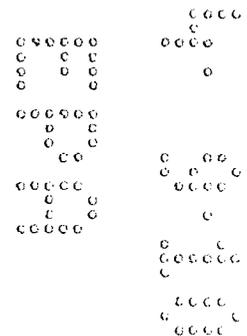
This product is a high-performance product, and is:

- The smart solutions to pest/insect/bug problems.
- Solves your pest/insect/bug problems fast.
- Keeps [Lawn] Insects Away for Up to 2 Months [8 weeks].
- Kills Tough Lawn Insects [and Keeps Them Away for Up to 2 Months [8 Weeks]].

Vegetable Garden Insect Control

How to Apply

A single application may be applied just prior to planting or after plants emerge and worked into the top 4 to 6 inches of soil. Use 5 cups (1.2 lbs.) of product for a 500 sq. ft. area.



Vegetables	Days to wait to harvest	Pests
Green Peas, Edible Pods (Sugar Snap Peas, Snow Peas) Green Beans (Wax Beans, Snap Beans) Dry Beans (Black-eyed Peas, Cowpea)	3 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Sweet Corn	1 Day	Ants, armyworm, cutworms, crickets, earwigs, European corn borer, fall armyworm, grasshoppers, southwestern corn borer and weevils.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccoli, Chinese Broccoli, Chinese Cabbage, Kohlrabi	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Cucurbit Vegetables Chayote, Citron melon, Cucumber, Edible Gourd Muskmelon (Cantaloupe, casaba, Crenshaw melon, Golden melon, Honeydew Melon, Pineapple melon, Santa Claus melon, Snake melon) Pumpkin, Summer squash (Crookneck, Scallop, Straightneck, Zucchini) Winter squash (Butternut, Calabaza, Hubbard including Acorn and Spaghetti) Watermelon	3 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Peppers	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Eggplant	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Head Lettuce	7 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.

HOME VEGETABLE GARDEN SPREADER TIPS		
Spreader	5 cups (1.2 lbs.) of product for 500 sq. ft.	Directions
Scotts AccuGreen® Drop Spreader	3-1/4	Operate spreader the longest way of the garden area. Overlap wheel marks to ensure uniform feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts SpeedyGreen® Rotary	2	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs.

When using other spreaders, calibrate the spreader settings based on the manufacturer's recommendations.

