

228-494

11/23/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

NOV 23 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request General Label Change (Marketing Claims)
"Bifenthrin 0.1% Granule Insecticide"
Reg. No. 228-494
Application dated October 5, 2009

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 08/5/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall 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, please call me directly at 703-305-7269 or Banza Djapao of my staff at 703-308-8899.

Sincerely,

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

 United States Environmental Protection Agency Washington, DC 20460	<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 George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bifenthrin 0.1% Granule Insecticide	PM# 13	
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: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
NOV 23 2009

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

Label Notification per PR Notice 98-10, Section II. Amended labeling with label claims as highlighted. This notification is consistent with the provisions of PR notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or 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 the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. _____ No. per container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt _____ No. per container _____	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container _____	5. Location of Label Directions <input type="checkbox"/> _____
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued 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) _____
2. Signature 	3. Title Registration Manager	
4. Typed Name Matthew Granahan	5. Date 10/05/09	



3 of 10

Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
Telephone: (630) 455.2000 Facsimile: (630) 455.2001
www.us.nufarm.com

October 5, 2009

Via Overnight Courier

U. S. Environmental Protection Agency (7504P)
Document Processing Desk (NOTIF)
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Subject: Bifenthrin 0.1% Granule Insecticide
EPA Reg. No. 228-494
Label Notification per PR 98-10**

Dear Ms. Hobgood:

Nufarm Americas Inc. would like to add language to subject product's label.

The proposed language is consistent with PR Notice 98-10, Section II (labeling notifications). We have added the following statements:

- Kills Surface & Sub-Surface Insects
- Deep Reaching Formula
- Kills Grubs & Mole Crickets

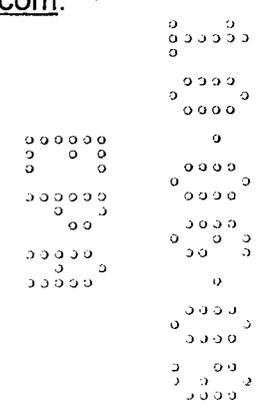
To process this request please find enclosed the following:

- Application for Pesticide Registration EPA form 8570-1
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling – clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at (630) 455-2048 or matthew.granahan@us.nufarm.com.

Sincerely,

Matthew Granahan
Registration Manager
Nufarm Americas, Inc.



40910

BIFENTHRIN 0.1% GRANULE

NOTIFICATION
NOV 23 2009

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)

000228-00494.20091001.EPA.PR98-10 Notification

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.

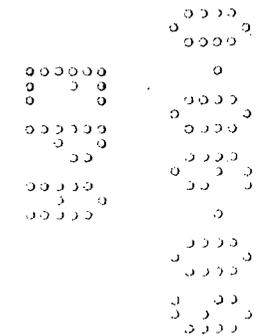
**Food utensils such as tablespoons/teaspoons must not be used for food purposes after use in measuring pesticides.

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.

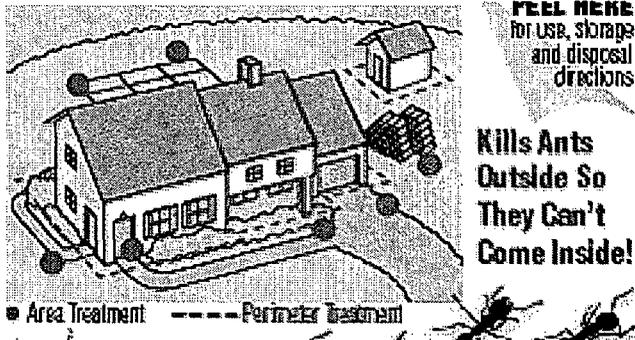
Vegetables	Days to wait to harvest	Pests
Green Peas, Edible Pods (Sugar Snap Peas, Snow Peas) Green Beans (Wax Beans, Snap Beans) Dry Beans (Black-eyed Peas, Cowpea)	3 Days	Ants, cutworms, crickets, earwigs, grasshoppers, grubs, seed maggots, weevils and wireworms.
Sweet Corn	1 Day	Ants, armyworm, cutworms, 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. 0.5/1.2 1.2/2.4 2.4/4.8			Directions
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.

[end]

