

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUL 14 2008

Mr. George Meindl Registration Manager Nufarm Americas, Inc. 150 Harvester Drive Suite 200 Burr Ridge, IL 60527

RE: Notification of Deletion of Self-Limiting Statement per PRN 98-10

EPA Registration Number: 228-498 Date of Submission: June 19, 2008

Dear Mr. Meindl:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 19, 2008, for the product, Bifenthrin 0.2% Granule Insecticide. 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 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs

Flease read instructions on re	verse before completing	form.	·		, For	n Approved	I. OMB No. 2070-006	
≎EPA	Uni Environmental I Washing	gency		Registration Amendment Other		OPP Identifier Number		
`	Α	pplication fo	r Pesticide - S	Section				
1. Company/Product Number 228-498	ī	ł	2. EPA Product Manager George LaRocca 3. Proposed Classification					
4. Company/Product (Name Bifenthrin 0.2% Granule			PM# 13			Nor	ne Restricte	
5. Name and Address of Ap Nufarm Americas, Inc. 150 Harvester Drive Su Burr Ridge, IL 60527		J	(b)(i), my prod to: EPA Reg. No	uct is simi	lar or identical NOT			
9,700			Product Nan	ne				
Resubmission in responsible Notification - Explain Explanation: Use addition Label notification per PR notice statement of formula of this understand that if this notific of FIFRA and I may be sub-	below. nal page(s) if necessary. otice 98-10, removal of see 98-10 and EPA regulate product. I understand cation is not consistent	(For section I and self-limiting statem ions at 40 CFR 15 that it is a violation with the terms of F	Agence "Me To Other - Section II.) nent, see cover letter 52.46, and no other of 18 U.S.C. Sec. 1 PR Notice 95-2 and 9	y letter date oo" Applica Explain be for detailed changes ha 1001 to willf 98-10 and	d explanation. ve been made fully make any f	o the labeli alse statem	ing or confidential nents to EPA. I furth	
		Se	ection - III					
1. Material This Product Wil	Be Packaged In:							
Child-Resistant Packaging Yes No * Certification must be submitted	Unit Packaging Yes No If "Yes" Unit Packaging wgt.	No. per	ter Soluble Packaging Yes No Yes* No. kage wgt Cont		PI G P	stainer letal astic lass aper ther (Specif	· ·y)	
3. Location of Net Contents		. Size(s) Retail Cor	ntainer	5. Loc	cation of Label C	Directions		
6. Manner in Which Label is	Affixed to Product	Lithograph Peper glued Stenciled		Other		***************************************		
	·		ction - IV					
1. Contact Point /Complete	items directly below for	identification of in	dividual to be contac	ted, if nece	ssary, to proces	s this eppli	cation.)	
Name George Meindl (georg		Title	ulatory Affairs		Tel		(Include Area Code)	
i certify that the state i acknowledge that an both under applicable	ments I have made on th y knowlinglly false or mi law.	Certification is form and all atte sleading statement	achments thereto are t may be punishable	i true, accu by fine or ii	rate and comple mprisonment or	`	ate.Application eceived (Stamped)	
2. Signature	hdl	3. Title Re	gulatory A	ffairs	Manage	'r ' (
4. Typed Name 5. D George Meindl			19/2008					



Nufarm Americas, Inc. George Meindl Regulatory Affairs Manager 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 Phone: 630.455-2017 Fax: 630.455.2030

george.meindl@us.nufarm.com

June 19, 2008

Via Overnight Courier

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

Subject:

Bifenthrin 0.2% Granule Insecticide

EPA Reg. No. 228-498

Label notification – Deletion of Self-Limiting statement per PR98-10

Dear Ms. Hobgood:

Nufarm Americas, Inc would like to remove a self-limiting statement on the subject product's labeling, where the phrase "Only For Use and Storage by Commercial Applicators" is removed. This phrase was initially added to the label at the request of the registrant and this product is not considered a Federal Restricted Use Product. However with this self-limiting statement certain states, like New York, consider this product state restricted use.

Since this language was not mandated by the USEPA, we believe this can be removed via notification and is consistent with PRN98-10 section II (Labeling notifications). The change is highlighted for ease in review. Nufarm Americas certifies that no other changes to the label have been made.

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)

Thank you for processing this notification. If you should have any questions regarding this matter, please feel free to contact me at 630.455.2017 or email at george.meindl@us.nufarm.com.

Şin**(**cerely,

George Meindl

Regulatory Affairs Manager

Nufarm Americas, Inc.

BIFENTHRIN 0.2% GRANULE INSECTICIDE

FOR USE TO CONTROL ANTS (INCLUDING IMPORTED FIRE ANTS), MOLE CRICKETS AND OTHER INSECT PESTS ON LAWNS IN LANDSCAPED AREAS AND PERIMETERS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS AND ATHLETIC FIELDS.

ACTIVE INGREDIENT:

 Bifenthrin*
 0.2%

 OTHER INGREDIENTS:
 99.8%

 TOTAL:
 100.0%

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

KEEP OUT OF REACH OF CHILDREN CAUTION - CAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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

NOTE: Spanish language is optional

EPA REG. NO. 228-498 EPA EST. NO. MANUFACTURED FOR NUFARM AMERICAS INC. BURR RIDGE, IL 60527



NET CONTENTS

LBS.



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

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:	 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:	 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 Intainer or label with you when calling a poison control center or doctor, or going for treatment. Interpret 1-877-325-1840 for emergency medical treatment information.				
	NOTE TO DEVELOAN				

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. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.

Do not broadcast apply more than 0.4 pounds a.i. (200 pounds of this product) per acre per year. However, for residential lawn use, do not apply more than 0.2 pounds a.i. per acre per application.

Not for use on golf courses, sod farms, nurseries, in commercial greenhouses, or on grass grown for seed.

LAWN AND PERIMETER APPLICATIONS

Lawn Application: Broadcast this product with suitable application equipment to ensure uniform coverage over the treatment area.

Do not apply more than 0.2 pound active ingredient (a.i.) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 0.4 pound a.i. per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

APPLICATION RATES

The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. However, at the discretion of the applicator, this product may be applied at up to 0.4 pounds a.i./acre on non-residential use sites to control each of the pests listed in the table. See specific pest for recommended level. Irrigation or watering by 0.1 to 0.5 inches immediately after application generally improves the effectiveness of this product.

PEST	ACTIVE INGREDIENT POUNDS PER ACRE	APPLICATION RATE OF THIS PRODUCT			
Armyworms¹ Cutworms¹ Sod Webworm¹	0.1 pound a.i./acre	50 pounds per acre	1.15 pounds per 1,000 square feet		
Annual Bluegrass Weevils (Hyperodes) (Adult) ² Billbugs (Adult) ³ Black Turfgrass Ataenius (Adult) ⁴ Leafhoppers Mealybugs	0.1 to 0.2 pound a.i./acre	50 to 100 pounds per acre	1.15 dc-2:3 pounds per 1,000 square feet		

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PEST	ACTIVE INGREDIENT POUNDS PER ACRE	APPLICATION RATE OF THIS PRODUCT			
European Crane Flies	0.15 to 0.3 pound a.i./acre	75 to 150 pounds per acre	1.75 to 3.50 pounds per 1,000 square feet		
Ants Centipedes Chinch Bugs ⁵ Fleas (Larvae) ⁶ Fleas (Adult) Imported Fire Ants (Adult) ⁷ Imported Fire Ants (Mounds) ⁷ Millipedes	0.2 to 0.4 pound a.i./acre	100 to 200 pounds per acre	2.3 to 4.6 pounds per 1,000 square feet		

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

200 pounds per acre

4.6 pounds per 1,000

square feet

0.4 pound a.i./acre

Mole Cricket (Adult)⁸ Mole Cricket (Nymph)⁹

Pillbugs

Sowbugs

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.

'Armyworms, Cutworms, and Sod Webworms: To ensure optimum control, irrigate the treated area with up to 0.1 inches of water immediately after application to activate (release from the granule) the insecticide.

²Annual Bluegrass Weevil (*Hyperodes*) adults: Applications should be timed to control adult weevils as they leave their overwintering sites and move into grass areas. This movement generally begins when *Forsythia* is in full bloom and concludes when Flowering Dogwood is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

Billbug Adults: Applications should be made when adult Billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting Billbug adults will also provide control of over-wintered Chinch Bugs.

*Black Turfgrass Ataenius Adults: Applications should be made during May and July to control the first and second generation of Black Turfgrass Ataenius adults, respectively. The May application should be timed to coincide with the full bloom stage of Vanhoutte spiraea (Spiraea vanhouttei) and Horse Chestnut (Aesculus hippocastanum). The July application should be timed to coincide with the blooming of Rose of Sharon (Hibiscus synacus).

⁵Chinch Bugs: Chinch Bugs infest the base of grass plants and are often found in the thatch layer. Irrigate the treated area with up to to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide. Chinch Bugs can be one of the most difficult pests to control in grasses and the higher application rates may be required to control populations that contain both nymphs and adults during the summer.

Flea Larvae: Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

'Imported Fire Ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will control existing colonies. If the soil is not moist, then it is important to irrigate before application. Broadcast treatments should apply 0.4 pound a.i./acre. Mounds should be treated by applying 1/2 cup of this product per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the Ant tunnels. A four-foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65-80°F) or in early morning or late evening hours. Food utensils such as spoons and measuring cups should not be used for food purposes after use in measuring pesticides. Application of 125 lbs./acre of this product will provide 6 months residual activity for the control of foraging fire ants and newly mated fly-in queens.

*Mole Cricket Adults: Achieving acceptable control of adult Mole Crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the Mole Crickets closer to the soil surface where contact with the insecticide will be maximized. Grass areas that receive pressure from adult Mole Crickets should be treated at peak egg hatch to ensure potimum control of subsequent nymph populations (see below).

*Mole Cricket Nymphs: Grass areas that received intense adult Mole Cricket pressure in the spring should be treated immediately prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs (ater in the year may require both higher application rates and more frequent applications to maintain acceptable control. Applications should

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be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the Mole Crickets closer to the soil surface where contact with the insecticide will be maximized.

Perimeter Application: Apply to ground area 5 to 10 feet wide around and adjacent to the structure.

Boundary Applications: Apply to soil areas, ornamental gardens, pavement crevices, fencelines, planter areas, vegetation areas and mulch areas.

APPLICATION RATE POUNDS PER 1,000 SQ. FT.	BAND WIDTH	POUNDS OF THIS PRODUCT FOR PERIMETER APPLICATIONS LINEAR DISTANCE (FEET) AROUND STRUCTURE							
	MÍDIU	100	150	200	250	300	400	500	1,000
2.3	5 feet	1.3	1.9	2.5	3.0	3.6	4.8	5.9	11.7
2.3	10 feet	3.0	4.2	5.3	6.5	7.6	9.9	12.2	23.7
3.0	5 feet	1.7	2.5	3.3	3.9	4.7	6.3	7.7 .	15.2
3.0	10 feet	3.9	5.4	6.9	8.5	9.9	12.9	15.9	30.9
3.5	5 feet	2.0	2.9	3.8	4.5	5.4	7.2	8.9	17.5
3.5	10 feet	4.5	6.3	8.0	9.8	11.4	14.9	18.3	35.5
4.6	5 feet	2.6	3.8	5.0	6.0	7.2	9.6	11.8	23.4
4.6	10 feet	6.0	8.4	10.6	13.0	15.2	19.8	24.4	47.4

Note: The amounts of this product listed in the above table are based on the total area being treated. This area is determined by multiplying the linear distance by the band width and then adding to that value the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure).

Fire Ant Mound Treatment: Apply 1/2 cup of this product per mound and then drench the mound with 1 to 2 gallons of water. The mound should be drenched with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. For best results, apply in cool weather (65 to 80°F) or in early morning or late evening hours. Treat new mounds as they appear. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS (Including Industrial Sites, Parks, Ball Fields and Cemeteries)

Broadcast Spot Applications: For the control of actively foraging ants (including Imported Fire Ants) broadcast uniformly 2.3 to 4.6 pounds of this product per 1,000 square feet (0.2 to 0.4 pounds a.i./acre). See section under **Lawn Applications** for additional rate recommendations.

Pad Mounted Electrical Sites: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1.0 to 1.5 tablespoons (0.06 to 0.09 pounds) of this product per 4 square feet of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application. Food utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.

Note: Electrical transformers appear to be more attractive to ants during the cooler months. For best results treat in the fall or early spring.

RECOMMENDED SPREADER SETTINGS FOR BROADCAST APPLICATIONS

	Applicatio	n Rate lbs./1,000 s	PATTERN			
EQUIPMENT	1.15	2.30 4.60		SETTING	WIDTH	
LESCO Broadcast	F	G	i	-	10	
Prizelawn CBR-III	E 1/2	F 1/2	H 1/2		10	
Scotts RBA	G 1/2	H 1/2	J 1/2	.3	10	
Scotts SR2000	H 1/2	l 1/2	L 1/2	8	12	
Scotts Handy Green	2	3	4	-	10	
Scotts Accupro	4-1/2	4-3/4	5	8	12	
Spyker	3-1/2	3-3/4	4-1/4	-	10	
Vicon 402*	25	28-1/2	38	-	40 600	
Lely W*	3-3/4	4-1/2	5	III-B	52	
Cycloneway	1.5	3	5-3/4	-	4 , 6	
Earthway 2400	. 8-1/2	10-1/2	12-1/2	-	10	
*Speed applied: Vicon 5	5.6 mph, Lely 4.5 i	mph		<u> </u>	(1 %) (1 %)	

Note: These recommended settings should be used as starting points when calibrating a spreader to achieve the desired application rate of this product. After calibration, the technician should regularly observe the amount of this product that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate. Spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of this product. Calibration instructions are included in the Owner's Manual that was provided by the equipment manufacturer at the time of purchase.

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Paper and plastic bags: Completely empty into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Desirable plant injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of Nufarm or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Nufarm and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. NUFARM MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Nufarm, and Buyer assumes the risk of any such use.

To the extent allowed by law, Nufarm or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF NUFARM 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 NUFARM OR SELLER, THE REPLACEMENT OF PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

(RV061908N)



