

228-524

07/19/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
228-524

Date of Issuance:
JUL 19 2007

Term of Issuance:
Conditional

Name of Pesticide Product:
Bifenthrin GC 0.029% plus
Fertilizer

NOTICE OF PESTICIDE:

Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

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

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered 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 sec. 3(c)(7)(A), provided that:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will make the following label changes before you release the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 228-524."
 - b) Replace "Do not apply more than 1600 pounds of this product per acre per year" with "Do not apply more than 800 pounds of this product per acre per year".
 - c) Add "Do not allow children and pets to enter the treated area until dry" to the Direction for Use section.
 - d) Under Imported Fire Ants delete the mound drench instructions with this product. You can retain the reference to use of 97.9% bifenthrin flowable as indicated on the me-too label.

Signature of Approving Official:

George T. LaRocca
George T. LaRocca, Product Manager (13)
Insecticide Branch/Registration Division (7505C)

Date:

July 19, 2007

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3. Please submit three (3) copies of your final printed labeling before releasing the product for shipment. 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

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BIFENTHRIN GC 0.029% PLUS FERTILIZER

RESTRICTED USE PESTICIDE
Toxic to Fish and Aquatic Organisms
For retail sale to and use only by certified applicators, or persons under direct supervision and only for those uses covered by the certified applicator's certification.

For use to control Ants (including Imported Fire Ants), mole crickets and other insect pest on lawns in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses and athletic fields.

ACTIVE INGREDIENT:		
Bifenthrin*	0.029%
OTHER INGREDIENTS:	99.971%
	TOTAL:	100.000%

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

REFER TO FERTILIZER TAG FOR ANALYSIS

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.)
SEE BACK PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

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-
EPA EST. NO.

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527



NET CONTENTS

000228-00000.20060929.

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 19 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
228-524

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

Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating,, drinking, chewing gum, using tobacco or using the toilet. 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.
HOT LINE NUMBER	
<p>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.</p>	
NOTE TO PHYSICIAN	
<p>This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.</p>	

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 cleaning equipment or when disposing of equipment washwaters.

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 turf being grown for sale or other commercial use as sod, or for grass grown for seed, or for research purposes.

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). 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 apply by air.

Do not apply more than 1600 pounds of this product per acre per year.

Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

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INSECTS CONTROLLED

This product can be used to control the following lawn insects:

PEST	USE RATE PER 1,000 SQ. FT.
Chiggers Chinch Bugs Sod Webworms (Lawn Moth)	4 pounds
Annual Bluegrass Weevils (Hyperodes) (Adult) Armyworms Billbugs (Adult) Black Turfgrass Ataenius (Adult) Centipedes Crickets Leafhoppers Mealybugs Millipedes Pavement Ants Pillbugs Red Ants Sowbugs Weevils	4 to 8 pounds
Ants Fire Ants Feas Imported Fire Ants Mole Crickets Ticks	8 to 16 pounds

Treat when insects first appear. Apply this product evenly over the turfgrass area using a properly calibrated drop or rotary spreader. Check frequently to make sure the equipment is working properly and the granules are being evenly distributed. A more uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at a right angle to the first. Best results will occur if the treated area is thoroughly irrigated with water immediately after application.

COMMENTS:

American Dog Ticks: These ticks tend to gather along paths or roadways where humans are likely to be found.

Annual Bluegrass Weevil: Treatment should be made to control the adult weevils as they migrate from their overwintering sites and move into grass areas. Contact your State Cooperative Extension service for more specific information.

Armyworms, Cutworms, and Sod Webworms: For best results, the treated area should be irrigated immediately after application with up to 0.1 inches of water to activate the insecticide.

Billbugs: Apply when adult Billbugs are first observed during April and May. Consult your State Cooperative Extension Service for information on degree days and timing in your region.

Black Turfgrass Ataenius: Apply treatments during May and July to control both generations of adults. The May application should be made at the same time as the full bloom stage of Vanhoutte spiraea and the Horse chestnut. The July application should coincide with the blooming of Rose of Sharon.

Chinch Bugs: These bugs infest the base of the plant and are usually found in the thatch layer. Watering the treated area with up .25 inches immediately after application will result in quicker control.

Deer Ticks: These ticks have a life cycle that ranges over a two year period and involves four life stages. Treatments should be applied in mid-to-late spring to control larvae and nymphs that are present on the soil.

Flea Larvae: These larvae develop in the soil and shady areas. Irrigate the treated area with up to 0.5 inches of water immediately after application.

Imported Fire Ants: The best control will be reached by a combination of broadcast applications and mound drenching. To mound drench apply 2 cups of this product per mound. Then drench the mound with 1 to 2 gallons of water, with sufficient force to break the apex and allow the water and product to flow into the tunnels. Also treat a four foot diameter circle around each mound. When mound drenching, a product such as a 7.9% bifenthrin flowable, must be used. Irrigation should be performed prior to application if the soil is not moist. For best results, apply in cool weather. The early morning or late evening hours should suffice. Food utensils such as teaspoons and measuring cups used for pesticide application must not be used for food purposes.

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Mole Cricket Adults: These adults can be difficult to control because of their extremely active stage in the early spring. Applications should be made as late in the day as possible and be watered up to 0.5 inches immediately after treatment. If the soil is not moist prior to application, it should be irrigated to ensure best control.

Mole Cricket Nymphs: Optimum control can be reached by treating young nymphs because they are more susceptible to the insecticide. Irrigate soil if it is not moist before application. Treatment should be made as late in day as possible. Water the treated area with up to 0.5 inches directly after application.

Ticks: Do not make spot applications. Treat the entire area where ticks may occur. The higher application rate might be needed if heavy leaf litter or dense ground cover exists. Retreatment might also be necessary due to animals reintroducing new populations.

SUGGESTED SPREADER SETTINGS

Note: Following will be a list of application spreaders and approximate settings. This list will vary dependent on market of spreaders. (This note will not appear on final printed label.)

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

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 container only. Store in a cool, dry place and avoid excess heat.

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: Completely empty bag 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.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. **THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER.** TO THE EXTENT PERMITTED BY LAW, **MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.** UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO CROP INJURY OR INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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