

228-481

10/21/2010

1/5



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

NuFarm Americas, Inc.
c/o Ms. Georgia Anastasiou
Lewis & Harrison
122 C Street, N.W. Suite 740
Washington, DC 20001

OCT 21 2010

Dear Ms. Anastasiou:

Subject: Amendment: Add restrictions per Agency pyrethroid labeling letter dated June 4, 2009,
Update per PR Notices 2000-5, 2007-1 and 2008-1, and Revise Warranty section
Bifenthrin 0.058% Granular Insecticide
EPA Reg. No. 228-481
Your submission dated September 3, 2010

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) section 3(c)(7)(a), is acceptable and a stamped copy of the label is enclosed for your 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 regarding this letter, please contact Dana Pilitt, PhD of my staff at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Richard Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

BIFENTHRIN 0.058% Granular Insecticide

THIS PRODUCT IS DESIGNED TO CONTROL A VARIETY OF INSECTS ON RESIDENTIAL LAWNS.

FOR HOMEOWNER USE ONLY.

OPTIONAL FRONT PANEL CLAIM:

- Controls a variety of lawn insects
- For Lawns
- Turf Insect Control
- Controls the following insects: Ants, Armyworms, Billbugs (Adult), Ticks, Chiggers, Chinch Bugs, Crickets, Fleas, Millipedes, Mole Crickets, Sod Webworms (Lawn Moth) and many others as listed.
- Contains Bifenthrin
- Kills bugs

ACTIVE INGREDIENT:

Bifenthrin* 0.058%

OTHER INGREDIENTS: 99.942%

TOTAL: 100.000%

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

KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUCION

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 SIDE PANELS 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. 228-481
EPA EST. NO. _____

MANUFACTURED BY
NUFARM AMERICAS INC.
BURR RIDGE, IL 60527-0866



NET CONTENTS _____ LBS. Covers XXXX square feet

000228-00481.20100903.PRN2000-5.2007-4.2008-1.Letter6-4-10

ACCEPTED
with COMMENTS
In EPA Letter Dated:
OCT 21 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
228-481

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

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
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.
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 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 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 and other digestible fats and oils may increase absorption and should be avoided.	

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. 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 ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on the 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 system.

DIRECTIONS FOR USE

Read all directions prior to application of the product.
 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 commercial seed production, or for research purposes.
 Not to be used on golf courses, sod farms, commercial greenhouses, nurseries, or grass grown for seed.

In New York State, **DO NOT** apply to turf within 100 feet of a coastal marsh or of a water body, lake, pond, river, stream, wetland, or drainage ditch. In New York State, 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.

If product is watered in after application, **DO NOT** allow children or pets to enter the area until dry.

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.

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.

9/16

INSECTS CONTROLLED

Use this product to control the following lawn insects:

PEST	USE RATE PER 1,000 SQ. FT.
Chiggers Chinch Bugs Sod Webworms (Lawn Moth)	2 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	2 to 4 pounds
Ants Fire Ants Feas Imported Fire Ants Mole Crickets Ticks	4 to 8 pounds

Treat when insects first appear. Apply this product evenly over the turfgrass area at the use rate indicated in the above table, using a properly calibrated drop or rotary spreader. A more uniform application is 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.

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

Annual Bluegrass Weevil: Treat 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, irrigate the treated area 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. Time May applications to coincide with the full bloom stage of Vanhoutte spiraea and the Horse chestnut. Time July applications to 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 to 0.25 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. Apply treatments 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: Control will be optimized by combining broadcast applications and mound drenching. Irrigate prior to application if the soil is not moist. 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. For best results, apply in cool weather (65-80°). The early morning or late evening hours will suffice. Food utensils such as teaspoons and measuring cups, used for pesticide application must not be used for food purposes.

Mole Cricket Adults: These adults can be difficult to control because of their extremely active stage in the early spring. Apply as late in the day as possible and water up to 0.5 inches immediately after treatment. If the soil is not moist prior to application, irrigate 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. Treat 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 occur. Use the higher application rate if heavy leaf litter or dense ground cover exists.

SPREADER SETTINGS

Broadcast Spreaders: For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will ensure complete coverage.

Drop Spreaders: First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.

Important: It is important to follow the directions as indicated on this quality lawn care product as over-application may cause injury to the lawn. Measure the size of the area to be treated and **DO NOT** over or under apply. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Calibrate spreader prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing uniformly. Close spreader when filling, stopping or turning. **DO NOT** hand spread.

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.)*

Spreader	<u>2 lbs./1,000 sq.ft.</u>	<u>4 lbs./1,000 sq.ft.</u>	<u>6 lbs./1,000 sq.ft.</u>	<u>8 lbs./1,000 sq.ft.</u>
aa	XX	XX	XX	XX
bb	XX	XX	XX	XX
cc	XX	XX	XX	XX

Information regarding the contents and levels of metals in this product is available on the internet at:

<http://www.wa.gov/agr>

<http://www.aapfco.org/metals>

<http://www.regulatory-info-xx.com>

Optional performance guarantees:

PERFORMANCE GUARANTEE: If, for any reason you are not satisfied with the results of this quality product, return the bag with proof-of-purchase for a full refund.

If for any reason, you are not completely satisfied with the results after applying this product, you are entitled to product replacement or your money back simply by presenting evidence of purchase to your local *{store name}*.

Optional program:

{brand} Year round Lawn Care Program

Early Spring: Crabgrass Preventer plus Lawn Food

Late Spring: Lawn Food or Weed & Feed

Summer: Summer Lawn Food and/or Lawn Insect Control

Fall: Fall Lawn Food or Fall Weed & Feed

Visit our website at *{address}*

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 AND CONTAINER HANDLING: Nonrefillable 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 for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) 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 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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