

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <u>  x  </u> Registration <u>     </u> Reregistration  (under FIFRA, as amended)</p>	<p>EPA Reg. Number: <b>228-481</b></p>	<p>Date of Issuance: <b>NOV - 9 2005</b></p>
	<p>Term of Issuance: <b>Conditional</b></p>	
	<p>Name of Pesticide Product: <b>Bifenthrin 0.058% Granular Insecticide</b></p>	
<p>Name and Address of Registrant (include ZIP Code):  <b>Nufarms America, Inc. 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60527</b></p>		
<p><b>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</b></p>		
<p>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.</p> <p>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.</p> <p><b>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</b></p> <ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</li> <li>2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 228-481".</li> <li>b. In the ingredients statement, change "Active Ingredients" to "Active Ingredient", since there is only one.</li> <li>c. In the second sentence of the Warranty, change "this herbicide" to "this insecticide".</li> </ol> </li> </ol>		
<p>Signature of Approving Official:</p>	<p>Date: <b>NOV - 9 2005</b></p>	

3. Submit two (2) copies of your final printed labeling before you release 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

# 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 INGREDIENTS:**

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 - 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 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-xxxx  
EPA EST. NO.

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



NET CONTENTS      LBS. Covers xxxx square feet

000228-new 083105

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

NOV - 9 2005

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

228-481

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

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.

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
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.	
<b>NOTE TO PHYSICIAN</b>	
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.	

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. 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.

**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, this product may NOT be applied 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, 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.

If product is watered in after application, do not allow children or pets to enter the area until dry.

### 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)	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 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.

**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 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. 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. Irrigation should be performed 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 should 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. 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.

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**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.

### 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	2 lbs./1,000 sq.ft.	4 lbs./1,000 sq.ft.	6 lbs./1,000 sq.ft.	8 lbs./1,000 sq.ft.
aa	XX	XX	XX	XX
bb	XX	XX	XX	XX
cc	XX	XX	XX	XX

### 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.

**CONTAINER DISPOSAL:** If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

### WARRANTY

Seller warrants that this product conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals, and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use. (RV042605)

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}