

35512-54

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

February 20, 2007

Rebecca M. Horton  
Howard Fertilizer & Chemical Co., Inc.  
P.O. Box 628202  
Orlando, FL 32862-8202

Subject: Amendment – Revise Master label providing distinction between commercial and residential label  
Turf Pride ® Fertilizer with 0.096% Bifenthrin Insecticide  
EPA Reg. No. 35512-54  
Your submission dated July 21, 2006

Dear Ms. Horton:


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. On pages 1 and 3 add the following to Precautionary Statements:  
  
“Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.”
2. On page 1 under Environmental Hazards replace the statement, “Do not apply directly to water, to areas where surface water is present ..... etc”, with “Do not apply directly to water”. The environmental hazards must be the same for both labels.
3. On page 2 of the label revise the storage and disposal statements so they are the same as that appearing on page 4. The storage and disposal statements must be the same for both labels.
4. Under directions for use on page 3 add, “Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed”.

- 5. Under directions for use on page 3, replace, "Repeat treatment every 7 days as needed" with "Repeat treatment every 2 months as needed – only if signs of insect activity recur." This product contains a fertilizer and cannot be applied every 7 days.
- 6. Make the following changes to the warranty statement:
  - a. Change "should" to "must" under Conditions.
  - b. Under disclaimer of warranties add "To the extent consistent with applicable law ....." to the beginning of the first and third sentence.
  - c. Add, "To the extent consistent with applicable law ..." to the beginning of the first sentence under Limitations Warranties.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

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

Enclosure

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[MASTER LABEL - COMMERCIAL USE]

# Turf Pride® Fertilizer with 0.096% Bifenthrin Insecticide

[Additional Brand Name: Turf Pride® AccuBlend™ Fertilizer with 0.096% Bifenthrin Insecticide ProFusion Process]

FOR USE BY INDIVIDUALS/FIRMS LICENSED OR REGISTERED BY THE STATE TO APPLY INSECTICIDE PRODUCTS.

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

### ACTIVE INGREDIENT:

Bifenthrin\* ..... 0.096%

OTHER INGREDIENTS: ..... 99.904%

TOTAL: ..... 100.000%

\*Cis isomers 97% min.; trans isomers 3% max.

### GUARANTEED ANALYSIS

X-X-X

Total Nitrogen (N)\* ..... x.xx%

x.xx% Ammoniacal Nitrogen

x.xx% Nitrate Nitrogen

x.xx% Urea Nitrogen

x.xx% Water Insoluble Nitrogen

Available Phosphate (P<sub>2</sub>O<sub>5</sub>) ..... x.xx%

Soluble Potash (K<sub>2</sub>O) ..... x.xx%

Calcium (Ca) ..... x.xx%

Magnesium (Mg) ..... x.xx%

x.xx% Water Soluble Magnesium (Mg)

Sulfur (S) ..... x.xx%

x.xx% Combined Sulfur (S)

Boron (B) ..... x.xx%

Total Copper (Cu) ..... x.xx%

Total Iron (Fe) ..... x.xx%

Total Manganese (Mn) ..... x.xx%

x.xx% Water Soluble Manganese (Mn)

Molybdenum (Mo) ..... x.xx%

Total Zinc (Zn) ..... x.xx%

Chlorine (Cl), not more than x.xx%

Derived from: \_\_\_\_\_

\*x.xx% slowly available nitrogen from \_\_\_\_\_

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Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals>

[See page 2 for variations on proposed fertilizer blends.]

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information.

**If on skin or clothing** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

### 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 so should be avoided.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans & Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

**ENVIRONMENTAL HAZARDS:** This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, 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 runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

### READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Howard Fertilizer & Chemical Co., Inc. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Howard Fertilizer & Chemical Co. is authorized to make any warranties contained herein. Howard Fertilizer & Chemical Co. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product. **LIMITATION OF WARRANTIES:** The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Howard Fertilizer & Chemical Co., Inc.'s option, the replacement of the product.

### 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 commercial seed production or for research purposes. Do not apply more than 414 lbs. of this product per acre per year. Not for use on golf courses, sod farms, nurseries, commercial greenhouses, or grass grown for seed.

#### Lawn & Perimeter Applications:

**Perimeter application:** Apply to lawn area 6-10 ft. wide around and adjacent to the structure using 4.75 lb. per 1,000 sq. ft.

**Lawn application:** Broadcast this product with suitable application equipment to ensure uniform coverage over the treatment area. Apply 4.75 lb. per 1,000 sq. ft. to control the following pests:

- |   |                                 |
|---|---------------------------------|
| Annual Bluegrass Weevils - adult<br>(Hyperodes) | Deer Ticks <sup>2</sup>         |
| Ants  | Earwigs                         |
| Armyworms                                       | Fleas                           |
| Billbugs - adult                                | Grasshoppers                    |
| Black turfgrass Ataenius - adult                | Imported Fire Ants <sup>1</sup> |
| Centipedes                                      | Leafhoppers                     |
|   | Mealybugs                       |
| Chinch Bugs                                     | Millipedes                      |
| Crickets  | Mole Crickets                   |
| Cutworms  | Sod Webworms                    |
|   | Ticks                           |

<sup>1</sup>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 any existing colonies.

Apply 1 Tbsp. to the surface of each mound during periods of mild temperature (65°- 80° F), taking care not to disturb ants. Water in gently. Treat new mounds as they appear. Do not use food utensils (such as Tablespoon) for food purposes after pesticide use.

<sup>2</sup>Deer Ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

[OPTIONAL TEXT - WHEN MARKETED IN NY STATE:  
In New York State, this product may NOT be applied to any grass or turf area within 100 ft. of a water body (lake, pond, river, stream, wetland, drainage ditch). In New York State, do make a single repeat application if there are signs of renewed insect activity, but not sooner than 2 weeks after the first application.]

Turf Pride® is a registered trademark of Howard Fertilizer & Chemical Company, Inc.

Manufactured & Guaranteed by  
**HOWARD FERTILIZER & CHEMICAL COMPANY, INC.**  
P.O. BOX 628202 - ORLANDO, FL 32862-8202

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed above and referring to the batch number found on this container.

**NET WT. 50 LB (22.7 kg)**

EPA Reg. No. 35512-54  
July 21, 2006 - amendment

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
FEB 20 2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
35512-54

EPA Est. No. 35512-FL-2  
Page 1 of 4 Pages

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**Storage & Disposal**

Do not contaminate water, food or feed by storage or disposal.  
**Storage:** Store product in its original closed container in a cool, dry place out of reach of children and animals. In case of spill, avoid contact. Isolate spills, sweep up, and use as directed on this label.  
**Pesticide Disposal:** Wastes resulting from a spill or 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 equipment and use as directed. Do not re-use empty bag. 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.

<b>GUARANTEED ANALYSIS</b>	<b>16-2-12</b>
Total Nitrogen (N)* .....	16.00%
11.20% Ammoniacal Nitrogen	
4.80% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	12.00%
Magnesium (Mg) .....	1.00%
1.00% Water Soluble Magnesium (Mg)	

Chlorine (Cl), not more than 7.5%

Derived from: ammonium phosphate, muriate of potash, polymer coated sulfur coated urea, sulfate of ammonia, sulfate of potash magnesium.

\*2.88% slowly available nitrogen from polymer coated sulfur coated urea.

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**ALTERNATIVE FERTILIZER BLENDS /  
GUARANTEED ANALYSES:**

<b>GUARANTEED ANALYSIS</b>	<b>8-3-6</b>
Total Nitrogen (N)* .....	8.00%
6.00% Ammoniacal Nitrogen	
2.00% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	3.00%
Soluble Potash (K <sub>2</sub> O) .....	6.00%

Chlorine (Cl), not more than 4.50%

Derived from: ammonium phosphate, muriate of potash, polymer coated sulfur coated urea, sulfate of ammonia.

\*1.2% slowly available nitrogen from polymer coated sulfur coated urea.

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<b>GUARANTEED ANALYSIS</b>	<b>20-2-10</b>
Total Nitrogen (N)* .....	20.00%
10.00% Ammoniacal Nitrogen	
10.00% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	10.00%

Chlorine (Cl), not more than 7.50%

Derived from: ammonium phosphate, muriate of potash, polymer coated sulfur coated urea, sulfate of ammonia.

\*6.0% slowly available nitrogen from polymer coated sulfur coated urea.

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<b>GUARANTEED ANALYSIS</b>	<b>12-2-12</b>
Total Nitrogen (N)* .....	12.00%
9.00% Ammoniacal Nitrogen	
3.00% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	12.00%

Chlorine (Cl), not more than 9.00%

Derived from: ammonium phosphate, muriate of potash, polymer coated sulfur coated urea, sulfate of ammonia.

\*1.8% slowly available nitrogen from polymer coated sulfur coated urea.

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<b>GUARANTEED ANALYSIS</b>	<b>15-2-15</b>
Total Nitrogen (N)* .....	15.00%
11.25% Ammoniacal Nitrogen	
3.75% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	15.00%

Chlorine (Cl), not more than 11.25%

Derived from: ammonium phosphate, muriate of potash, polymer coated sulfur coated urea, sulfate of ammonia.

\*2.25% slowly available nitrogen from polymer coated sulfur coated urea.

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[SUB LABEL - CONSUMER (RESIDENTIAL) USE]

# Turf Pride® Fertilizer with 0.096% Bifenthrin Insecticide

FOR USE TO CONTROL ANTS (INCLUDING IMPORTED FIRE ANTS), MOLE CRICKETS AND OTHER LISTED PESTS ON RESIDENTIAL LAWNS, HOME PERIMETER, ORNAMENTAL & FLOWER GARDENS, AND HOME VEGETABLE GARDENS

xx LBS. TREATS UP TO xx SQ. FT.

### ACTIVE INGREDIENT:

Bifenthrin\* ..... 0.096%

OTHER INGREDIENTS: ..... 99.904%

TOTAL: ..... 100.000%

\*Cis isomers 97% min.; trans isomers 3% max.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

(See back/side/other panel(s) for additional Precautionary Statements and First Aid)

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment information.

**If on skin or clothing** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**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 so should be avoided.

### PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

**ENVIRONMENTAL HAZARDS:** This product 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 runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

### READ ENTIRE LABEL BEFORE USING

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Howard Fertilizer & Chemical Co., Inc. All such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Howard Fertilizer & Chemical Co. is authorized to make any warranties contained herein. Howard Fertilizer & Chemical Co. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product. **LIMITATION OF WARRANTIES:** The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Howard Fertilizer & Chemical Co., Inc.'s option, the replacement of the product.

### GUARANTEED ANALYSIS

Total Nitrogen (N)*	X-X-X
x.xx% Ammoniacal Nitrogen	x.xx%
x.xx% Nitrate Nitrogen	
x.xx% Urea Nitrogen	
x.xx% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	x.xx%
Soluble Potash (K <sub>2</sub> O)	x.xx%
Calcium (Ca)	x.xx%
Magnesium (Mg)	x.xx%
x.xx% Water Soluble Magnesium (Mg)	
Sulfur (S)	x.xx%
x.xx% Combined Sulfur (S)	
Boron (B)	x.xx%
Total Copper (Cu)	x.xx%
Total Iron (Fe)	x.xx%
Total Manganese (Mn)	x.xx%
x.xx% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	x.xx%
Total Zinc (Zn)	x.xx%

Chlorine (Cl), not more than x.xx%

Derived from: \_\_\_\_\_

\*x.xx% slowly available nitrogen from \_\_\_\_\_

F387

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals>

### 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 commercial seed production or for research purposes.

### [OPTIONAL TEXT - WHEN MARKETED IN NY STATE:

In New York State, this product may NOT be applied to any grass or turf area within 100 ft. of a water body (lake, pond, river, stream, wetland, drainage ditch). In New York State, do make a single repeat application if there are signs of renewed insect activity, but not sooner than 2 weeks after the first application.]

### Lawns, Home Perimeter, Ornamental & Flower Gardens:

Apply this product with a suitable hand or power operated spreader (gravity or rotary) to ensure uniform coverage over the treatment area. Apply when insect pests first appear. Repeat treatment every 7 days as needed - only if signs of insect activity recur.

#### Perimeter application around home and other residential structures

[buildings]: Apply as a band treatment 6-10 ft. wide around and adjacent to the structure using 1 1/4 - 2 1/2 lbs. per 1,000 sq. ft. For Centipedes, Millipedes, Ants and Mole Crickets use 2 1/2 to 4 1/4 lbs. per 1,000 sq. ft.

Lawn, Ornamental & Flower Garden applications: Apply 1 1/4 - 2 1/2 lbs. per 1,000 sq. ft. For Centipedes, Millipedes, Ants and Mole Crickets use 2 1/2 to 4 1/4 lbs. per 1,000 sq. ft.

### Controls:

Annual Bluegrass Weevils - adult (Hyperodes)	Deer Ticks <sup>2</sup>
Ants	Earwigs
Armyworms	Fleas
Billbugs - adult	Grasshoppers
Black turfgrass Ataenius - adult	Imported Fire Ants <sup>1</sup>
Centipedes	Leafhoppers
	Mealybugs
	Millipedes
Chinch Bugs	Mole Crickets
Crickets	Sod Webworms
Cutworms	Ticks

<sup>1</sup>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 any existing colonies.

Apply 1 Tbsp. to the surface of each mound during periods of mild temperature (65° - 80° F), taking care not to disturb ants. Water in gently. Treat new mounds as they appear. Do not use food utensils (such as Tablespoon) for food purposes after pesticide use.

<sup>2</sup>Deer Ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

Turf Pride® is a registered trademark of Howard Fertilizer & Chemical Company, Inc.

Manufactured & Guaranteed by  
**HOWARD FERTILIZER & CHEMICAL COMPANY, INC.**  
P.O. BOX 628202 - ORLANDO, FL 32862-8202

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed above and referring to the batch number found on this container.

**NET WT. 50 LB (22.7 kg)**

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**Home Vegetable Gardens:**

Use 5 cups [1.2 lbs.] of product per 500 sq. ft. of garden area. Work into the top 4-6 inches of the soil just prior to planting or after plants have emerged.

Vegetables	PHI*	Insects
Green Peas, Edible Pods (sugar snap peas, snow peas), Green Beans (wax beans, snap beans), Dry beans (black-eyed peas, cowpeas)	3 days	Ants, Cutworms, Crickets, Earwigs, Grasshoppers, Grubs, Seed Maggots, Weevils and Wireworms
Cucurbits including 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, calabza, hubbard including acorn and spaghetti), Watermelon		
Cole Crops including Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cavalo Broccoli, Chinese Broccoli, Chinese Cabbage, Kohlrabi	7 days	
Peppers		
Eggplant		
Head Lettuce		
Sweet Corn	1 day	Ants, Armyworms, Cutworms, Crickets, Earwigs, European Corn Borer, Fall Armyworm, Grasshoppers, Grubs, Southwestern Corn Borer and Weevils

\*PHI = number of days between application and harvest

**Storage & Disposal**

**Storage:** Store product in its original closed container in a cool, dry place out of reach of children and animals. In case of spill, avoid contact. Isolate spills, sweep up, and use as directed on this label.

**Pesticide Container Disposal:** *If empty* - Do not reuse this container [bag]. 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.