

35512-54.

11/29/2007

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

November 29, 2007

Ms. Rebecca M. Horton  
Agent for HOWARD FERTILIZER & CHEMICAL COMPANY, INC.  
Registrations by Design, Inc.  
118½ East Main Street Suite 1  
Salem, VA 24153-3805

Subject: Label Notification

Dear Ms. Horton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 10/30/07 for **EPA Registration 35512-54**. The Registration Division (RD) has conducted a review of this request for applicability under PRN 98-10 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact me directly at 703-305-6249 or Sherada Hobgood of my staff at 703-308-8893.

Sincerely,

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



Use read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

2/10



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 35512-54	2. EPA Product Manager LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Pride® Fertilizer with 0.096% Bifenthrin Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Howard Fertilizer & Chemical Co., Inc. P.O. Box 628202 Orlando, FL 32862-8202 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ Product Name _____ NOV 29 2007	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION: to remove "For use by individuals/firms licensed or registered...etc" from front panel per EPA letter of Aug. 2, 2007 (for 35512-52).

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. Howard Fertilizer & Chemical Co., Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA, and further understands that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and Howard Fertilizer & Chemical Co., Inc. may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
<b>* Certification must be submitted</b>	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Rebecca M. Horton	Title Consultant/Agent	Telephone No. (Include Area Code) (540) 375-8825
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature 	3. Title Consultant/Agent	
4. Typed Name Rebecca M. Horton	5. Date Oct. 30, 2007	

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# Registrations by Design, Inc.<sup>sm</sup>

118 1/2 East Main Street  
Suite 1  
Salem, VA 24153-3805  
phone 540.375.8826  
fax 540.375.8827

**CERTIFIED MAIL #7007 0710 0002 1178 0960**  
October 30, 2007

11/29

Document Processing Desk (NOTIF)  
Office of Pesticide Programs/Reg. Div. (7505P)  
U.S. Environmental Protection Agency  
Ariel Rios Bldg.  
1200 Pennsylvania Ave., NW  
Washington, DC 20460

Re: EPA Reg. No. 35512-54, Turf Pride<sup>®</sup> Fertilizer with 0.096% Bifenthrin Insecticide  
Notification

Attn: Linda Arrington, Notifications & Minor Formulations Team Leader

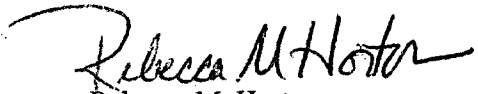
On behalf of Howard Fertilizer & Chemical Co., Inc. of Orlando, Florida, enclosed is notification for the above-referenced pesticide registration, deleting "For use by individuals/firms licensed or registered...etc" from the front panel per George LaRocca's EPA letter of Aug. 2, 2007.

The following documents are enclosed:

- 1) EPA Form #8570-1, Application for Pesticide – Notification (2 copies)
- 2) Copy of the Aug. 2, 2007 EPA comments letter for 35512-52 – referencing change for 35512-54
- 3) Copy of the proposed label

If further action or information is required on Howard's behalf, please advise.

Best regards,



Rebecca M. Horton  
Consultant/Agent for  
HOWARD FERTILIZER & CHEMICAL CO., INC.  
e-mail: hortonb@ntelos.net

BMH/sjh

Enclosures

cc: TGordon/HFCC

[MASTER LABEL - COMMERCIAL USE]

# Turf Pride® Fertilizer with 0.096% Bifenthrin Insecticide

NOV 29 2007

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

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 \_\_\_\_\_

F387

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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**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 must 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:** To the extent consistent with applicable law 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. To the extent consistent with applicable law 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:** To the extent consistent with applicable law the exclusive remedy of the user or buyer for any and all losses, injuries or

### 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	Deer Ticks <sup>2</sup>
(Hyperodes)	Earwigs
Ants	Fleas
Armyworms	Grasshoppers
Billbugs - adult	Imported Fire Ants <sup>1</sup>
Black turfgrass Ataenius - adult	Leafhoppers
Centipedes	Malybugs
	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

# 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

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**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

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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  
October 30, 2007 - notification

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.napfco.org/metals>

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

## 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 (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
	Meadowbugs
	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.

### [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.]

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

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**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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

<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.

F387

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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.

F387

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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.

F387

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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%

<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.

F387

<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.

F387

<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.

F387

[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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse

**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

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**CONDITIONS:** The directions for use of this product are believed to be adequate and must 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:** To the extent consistent with applicable law 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. To the extent consistent with applicable law 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:** To the extent consistent with applicable law the exclusive remedy of the user or buyer for any and all losses, injuries or

### 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 \_\_\_\_\_

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

#### [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 2 months 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 1/4 - 2 1/2 lbs. per 1,000 sq. ft. For Centipedes, Millipedes, Ants and Mole Cricket use 2 1/2 to 4 1/4 lbs. per 1,000 sq. ft.

*Lawn, Ornamental & Flower Garden applications:* Apply 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:

<i>Annual Bluegrass Weevils - adult (Hyperodes)</i>	<i>Deer Ticks<sup>2</sup></i>
<i>Ants</i>	<i>Earwigs</i>
<i>Amyworms</i>	<i>Fleas</i>
<i>Billbugs - adult</i>	<i>Grasshoppers</i>
<i>Black turfgrass Ataenius - adult</i>	<i>Imported Fire Ants<sup>1</sup></i>
<i>Centipedes</i>	<i>Leafhoppers</i>
	<i>Mealybugs</i>

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# 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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse

**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 must 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:** To the extent consistent with applicable law 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. To the extent consistent with applicable law 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:** To the extent consistent with applicable law 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.

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)**

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

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### 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 2 months 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 Cricket. 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:

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

<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.

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**NOTIFICATION**  
NOV 29 2007

**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 for disposal instructions. Never place unused product down any indoor or outdoor drain.