

35512-57

10/31/2008

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mrs. Rebecca M. Horton  
Consultant/Agent for  
Howard Fertilizer & Chemical Co., Inc.  
118 1/2 East Main Street - Suite 1  
Salem, VA 24153-3805

OCT 31 2008

RE: Notification to add non-FIFRA related text for compliance with Florida Urban Turf Rule requirements for commercial fertilizer use  
Registration Number: 35512-57  
Submission Dated: August 27, 2008

Dear Mrs. Horton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated, August 27, 2008, for the product, Turf Pride® Fertilizer with 0.67% Ronstar. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Linda Arrington".

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



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 35512-57	2. EPA Product Manager Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Pride® Fertilizer with 0.67% Ronstar	PM# 23	
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: EPA Reg. No. _____ Product Name _____	

**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 of: (1) to add non-FIFRA related text for compliance with Florida Urban Turf Rule requirements for commercial fertilizer use.

This notification is consistent with the provisions of PR Notice 98-10 and the requirements of EPA regulations at 40 CFR 152.46. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 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:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50#	5. Location of Label Directions <input checked="" type="checkbox"/> on label
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled <input type="checkbox"/> Other plastic sleeve insert			

**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 for Howard Fertilizer & Chemical Co., Inc.	Telephone No. (Include Area Code) 540-375-8826
Certification 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 (Stamped)
2. Signature <i>Rebecca M Horton</i>	3. Title Consultant/Agent for Howard Fertilizer & Chemical Co., Inc.	
4. Typed Name Rebecca M. Horton	5. Date 8/27/08	

Registrations  
by Design, Inc.™

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

CERTIFIED MAIL #7007 2680 0002 5827 6819

August 27, 2008

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: NOTIFICATION FOR COMPLIANCE WITH PR NOTICE 98-10

EPA Reg. No. 35512-14, Turf Pride Weeder  
EPA Reg. No. 35512-37, Turf Pride Fertilizer + Preemergent Weed Control  
EPA Reg. No. 35512-43, Turf Pride Fertilizer with 1% Ronstar  
EPA Reg. No. 35512-46, Turf Pride 92 Weed & Feed  
EPA Reg. No. 35512-48, Turf Pride 115 Weed & Feed  
EPA Reg. No. 35512-49, Turf Pride Fertilizer with 2% Sevin Brand Carbaryl Insecticide  
EPA Reg. No. 35512-50, Turf Pride Fertilizer with 0.50% Prodiamine  
EPA Reg. No. 35512-51, Turf Pride Fertilizer with 0.25% Prodiamine  
EPA Reg. No. 35512-52, Turf Pride Fertilizer with 0.069% Bifenthrin Insecticide  
EPA Reg. No. 35512-54, Turf Pride Fertilizer with 0.096% Bifenthrin Insecticide  
EPA Reg. No. 35512-55, Turf Pride Fertilizer with 0.055% Bifenthrin Insecticide  
EPA Reg. No. 35512-56, Turf Pride Lawn Food with Trimec Herbicide  
EPA Reg. No. 35512-57, Turf Pride Fertilizer with 0.67% Ronstar  
EPA Reg. No. 35512-58, Turf Pride Fertilizer with 0.50% Ronstar

Attn: Linda Arrington  
Notifications & Minor Formulations Team Leader

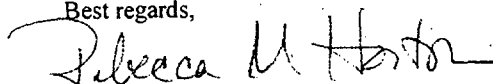
On behalf of Howard Fertilizer & Chemical Co., Inc. of Orlando, Florida, enclosed is notification of non-FIFRA related text for compliance with Florida Urban Turf Rule requirements for use of the commercial fertilizers referenced above.

The following documents are enclosed:

- 1) EPA Form #8570-1, Application for Pesticide – Notification (2 copies)
- 2) Copy of the proposed label with revision highlighted in blue.

If further action or information is required on Howard Fertilizer & Chemical Co., Inc's behalf, please advise.

Best regards,



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

RH/alb  
Enclosures

Established  
1996

# Turf Pride® AccuBlend™ Fertilizer with 0.67% Ronstar® Profusion Process

50 lb. Bag Treats up to 7,246 Sq. Ft.

FOR SALE TO AND USE BY PROFESSIONAL APPLICATORS ONLY. NOT FOR SALE TO OR USE BY HOMEOWNERS/CONSUMERS. FOR USE ON GOLF COURSES, PARKS, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS.

A Pre-emergent Weed Control Product plus a Quality Fertilizer for use on varieties of Perennial Bluegrass, Bentgrass, Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue and Zoysiagrass.

**ACTIVE INGREDIENT:**

Oxadiazon: [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- $\Delta^2$ -1,3,4-oxadiazolin-5-one].....0.67%  
 OTHER INGREDIENTS.....99.33%  
**TOTAL** 100.00%

Turf Pride® is a Reg. Trademark of Howard Fertilizer & Chemical Co., Inc.

## KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

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.)

### FIRST AID

- 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.
- If swallowed** Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- If in eyes** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
- If inhaled** 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 further 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 the National Pesticide Information Center at 800-858-7378 for emergency medical treatment information.

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes skin irritation. Do not get on skin, in eyes or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers of this product must wear:  
 Coveralls over short sleeve shirt and short pants  
 Chemical-resistant gloves (≥ 14 mils), such as natural rubber  
 Chemical-resistant apron (when mixing/loading or cleaning equipment)  
 Chemical-resistant footwear with socks.  
 Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROL STATEMENTS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. 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 areas treated. Do not apply where runoff is likely to occur. Do not contaminate water 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. Apply only as specified on this label.

AGRICULTURAL USE REQUIREMENTS

### GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....	variable ___%
Nitrate Nitrogen.....	___%
Ammoniacal Nitrogen.....	___%
Water Soluble Nitrogen and/or Urea Nitrogen.....	___%
Water Insoluble Nitrogen.....	___%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	variable ___%
Soluble Potash (K <sub>2</sub> O).....	variable ___%
Derived from Ammonium Sulfate, Ureaform, Muriate of Potash; Manganese as Mn ___%; Iron as Fe ___%; Chlorine < ___%	

F1261

[For Florida: FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL191.

"Recommendations for N, P, K & Mg for Golf Course and Athletic Field Fertilization Base on Mehlich I Extractant", available on the internet at <http://edis.ifas.ufl.edu/SS404>.

FLORIDA APPLICATIONS: For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002.

Florida Green Industries, available on the internet at <http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP Book final.pdf>.]

Controls Crabgrass, Goosegrass, Poa Annuua, Annual Sedge and other weeds as listed, on Golf Courses, Commercial Lawns, and other Athletic and/or Recreational Ornamental Turf.

**GENERAL PRECAUTIONS & RESTRICTIONS:**

Not for use on home lawns. For best results, water-in the product as soon as practical after application.

Do not exceed maximum application rate of 6 lbs. ai/A/year (20.6 lbs of this product per 1,000 sq. ft.), except in areas where there is heavy weed infestations. In areas of heavy weed infestation, the maximum application rate is 27.6 lbs. of product per 1,000 sq. ft. per year (equivalent to 8 lbs. ai/A/year).

Do not exceed a maximum single application rate of 13.8 pounds of product per 1,000 sq. ft. (equivalent to 4 lbs. ai/A).

For St. Augustinegrass and Bentgrass turf, DO NOT exceed the maximum single application rate of 3 lbs. of active ingredient per acre which is equal to 10.3 lbs. of this product per 1,000 sq. ft.

DO NOT apply to Bentgrass turf mowed less than 3/8 inch. This product may cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass but this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. DO NOT apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment except as noted above. DO NOT apply to Dichondra or Centipedegrass. DO NOT use on golf course putting greens or tees because of the varying cultural practices used.

# KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

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(If you do not understand the label, find someone to explain it to you in detail.)

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If swallowed	Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
If inhaled	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 further treatment advice.

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes skin irritation. Do not get on skin, in eyes or on clothing. Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash clothing before reuse.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers of this product must wear:

- Coveralls over short sleeve shirt and short pants
- Chemical-resistant gloves (≥ 14 mils), such as natural rubber
- Chemical-resistant apron (when mixing/loading or cleaning equipment)
- Chemical-resistant footwear with socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROL STATEMENTS:** When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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 areas treated. Do not apply where runoff is likely to occur. Do not contaminate water 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system. Apply only as specified on this label.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over short sleeve shirt and short pants,
- Chemical-resistant gloves (≥14 mils), such as natural rubber
- Chemical-resistant footwear with socks.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants only on farms, forests, nurseries, or greenhouses. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt and impervious gloves when handling. Launder exposed clothing before reuse.

F1261

[For Florida: FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL191, "Recommendations for N, P, K & Mg for Golf Course and Athletic Field Fertilization Base on Mehlich I Extractant", available on the internet at <http://edis.ifas.ufl.edu/SS404>. FLORIDA APPLICATIONS: For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at [http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP\\_Book\\_final.pdf](http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP_Book_final.pdf).]

Controls Crabgrass, Goosegrass, Poa Annuua, Annual Sedge and other weeds as listed, on Golf Courses, Commercial Lawns, and other Athletic and/or Recreational Ornamental Turf.

### GENERAL PRECAUTIONS & RESTRICTIONS:

Not for use on home lawns. For best results, water-in the product as soon as practical after application.

Do not exceed maximum application rate of 6 lbs. ai/A/year (20.6 lbs of this product per 1,000 sq. ft.), except in areas where there is heavy weed infestations. In areas of heavy weed infestation, the maximum application rate is 27.6 lbs. of product per 1,000 sq. ft. per year (equivalent to 8 lbs. ai/A/year).

Do not exceed a maximum single application rate of 13.8 pounds of product per 1,000 sq. ft. (equivalent to 4 lbs. ai/A).

For St. Augustinegrass and Bentgrass turf, DO NOT exceed the maximum single application rate of 3 lbs. of active ingredient per acre which is equal to 10.3 lbs. of this product per 1,000 sq. ft.

DO NOT apply to Bentgrass turf mowed less than 3/8 inch. This product may cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass but this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. DO NOT apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment except as noted above. DO NOT apply to Dichondra or Centipedegrass. DO NOT use on golf course putting greens or tees because of the varying cultural practices used.

**NET WEIGHT 50 POUNDS (22.7 kg)**

EPA Reg. No. 35512-57

EPA EST. NO. 35512-FL-2

**HOWARD FERTILIZER & CHEMICAL COMPANY, INC.**  
P.O. Box 628202 - Orlando, FL 32862-8202

**WHERE, HOW MUCH AND WHEN TO USE ON TURFGRASS**

This product may be used at full rate or as a \*split application in established perennial Bluegrass, Bentgrass (see restrictions), Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue, and Zoysiagrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries and other ornamental and recreational turfgrass area. The turf should be free of leaves and thatch and in condition to allow granules to reach the soil surface. Know the square footage of the area to be treated and uniformly apply using a granule spreader. Do not apply to turf when it is wet. When using at full rate do not overlap spreader applications, especially on St. Augustinegrass since discoloration "streaking" may temporarily occur from the "doubled rate". Observe the above maximum application rates. See above for restrictions when using on Bentgrass. After application if rain is not expected within 24 hours sprinkle irrigate the treated turf with up to a 1/4 inch of water to get maximum weed control and quicker response from the fertilizer nutrients. This product is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds. \*See paragraph below for instructions to apply the 3 lb. or 4 lb. rate as a split application. For the rate of 2 - 4 lbs. a.i./acre, on weedy turf, containing difficult-to-control weeds, apply this product in one application at the 3 or 4 lb. rate.

**WEEDS CONTROLLED**

Annual Bluegrass	*Evening Primrose	**Jungle Ricegrass	Sow Thistle
Annual Sedge	Fireweed	Lambsquarter	Speedwell
*Barnyardgrass	Field Sandbur	**Liverwort	Spotted Catsear
Bittercress	Foxtail: Green, Bristly	Oxalis	Spurge, Garden, Petty
Carpetweed	Fall Panicum	**Panama Paspalum	**Prostrate
Carpetgrass	Florida Pusley	Pennsylvania Smartweed	Stinging Nettle
Common Groundsel	*Galinsoga	Redroot Pigweed	*Swinecress
Common Purslane	Golden Ragwort	Sensitive plant	Virginia Buttonweed
Crabgrass	*Goosegrass	Shepardspurge	Yellow Woodsorrel

\*For these weeds use 3 to 4 lbs. a.i. per acre (equal to 450 to 600 lbs. of this product per acre)  
 \*\*For these difficult-to-control weeds use 4 lbs. a.i. per acre (equal to 600 lbs of this product/acre).

NOTE: For newly seeded lawns do not apply this product until after the second or third cutting. For best turf management, place new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

Spreader Settings	for 1.5 lb. a.i./Acre	for 2lb. a.i./Acre	for 3 lb. a.i./Acre	for 4 lb. a.i./Acre
Cyclone B3-Pro	# 2.0	# 2.75	# 3.25	# 3.9
For Scotts Pro R-8A	# G	# H	# I+	# J+

Plan on an approximately 3 mph spreader speed to obtain best coverage. Know the exact square footage before application. Incorrect application will result in poor weed control.

Pre-emergence Weed Control			
Weeds Controlled	lbs. a.i./Acre product/acre	lbs. of product per 1,000 sq. ft.	Directions
Crabgrass ( <i>Digitaria, spp.</i> ) Goosegrass ( <i>Elyusine indica</i> ) Field Sandbur ( <i>Cynchus incertus</i> ) Annual Sedge ( <i>Cyperus compressus</i> )	2 to 4 lbs. a.i./A 300 to 600 lbs. product/acre	6.9 to 13.8 lbs.	Apply in late winter or early spring prior to weed seed germination. Application made after April or May may not be fully effective.
Annual Bluegrass ( <i>Poa annua spp.</i> ) (See Note Below)	2 to 4 lbs. a.i./A 300 to 600 lbs.	6.9 to 13.8 lbs.	Apply in late summer to early fall prior to weed seed germination
Virginia Buttonweed ( <i>Diodia virginiana</i> ) Pigweed ( <i>Amaranthus spp.</i> ) Florida Pusley ( <i>Richardia scabra</i> ) Oxalis ( <i>Oxalis spp.</i> ) Stinging Nettle ( <i>Urtica dioica</i> ) Carpetgrass ( <i>Axonopus offinis</i> )	4 lbs. a.i./A 600 lbs./A	13.8 lbs.	Apply in early spring prior to weed seed germination
Fall Application for Spring Weed Control in Cool Season Turf			
Crabgrass, Goosegrass and other annual weeds as listed	2 to 4 lbs. a.i./A 450 to 600 lbs./A	10.3 to 13.8 lbs. \ 1,000 sq. ft.	For use in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.
Annual Bluegrass Control in Bermudagrass Fairways Overseeded with Perennial Ryegrass only			
Annual Bluegrass ( <i>Poa annua spp.</i> )	2 lbs. a.i./A 300 lbs./A	6.9 lbs./1000 sq. ft.	Apply in late summer to early fall prior to <i>Poa annua</i> spp. seed germination. Any <i>Poa annua</i> spp. established when this product is applied will not be controlled. It should not be applied closer than 60 days to overseeding. Do not use where <i>poa trivialis</i> is present in the overseed mixture. Apply the full 2 lb. rate in one application.
NOTE: In many areas annual bluegrass exists as at least two biotypes or subspecies of <i>Poa Annua</i> . The true annual biotype, " <i>Poa Annua</i> spp. annua" which germinates from seed every year is controlled, while the biotype, " <i>Poa Annua</i> spp. raptans" which behaves like a perennial and survives through the summer, as an established plant, cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.			
Annual Weed Control during establishment from "Sprigs", of Bermudagrass, Zoysiagrass, and Seashore Paspalum			
Crabgrass and Goosegrass, Annual Sedge and other annual weeds.	2 to 3 lbs. a.i./A 300 to 450 lbs. per acre	6.9 to 10.3 lbs. per 1,000 sq. ft.	Directions - For Bermudagrass make application immediately prior to or immediately after sprigging. For Seashore Paspalum make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results sprinkler irrigate the "sprigged" area with up to 1/4 inch water after application.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Store product in its original bag, in a cool, dry, locked place out of reach of children. In case of a spill, sweep up, and use according to directions or dispose of as follows. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or 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.

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[Batch Code to be added at production.]

control and quicker response from the fertilizer nutrients. This product is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds. \*See paragraph below for instructions to apply the 3 lb. or 4 lb. rate as a split application. For the rate of 2 - 4 lbs. a.i./acre, on weedy turf, containing difficult-to-control weeds, apply this product in one application at the 3 or 4 lb. rate.

Spreader Settings	for 1.5 lb. a.i./Acre	for 2lb. a.i./Acre	for 3 lb. a.i./Acre	for 4 lb. a.i./Acre
Cyclone B3-Pro	# 2.0	# 2.75	# 3.25	# 3.9
For Scotts Pro R-8A	# G	# H	# I+	# J+

Plan on an approximately 3 mph spreader speed to obtain best coverage. Know the exact square footage before application. Incorrect application will result in poor weed control.

Pre-emergence Weed Control			
Weeds Controlled	lbs. a.i./Acre lbs. product/acre	lbs. of product per 1,000 sq. ft.	Directions
Crabgrass ( <i>Digitaria, spp.</i> ) Goosegrass ( <i>Elyusine indica</i> ) Field Sandbur ( <i>Cynchus incertus</i> ) Annual Sedge ( <i>Cyperus compressus</i> )	2 to 4 lbs. a.i./A 300 to 600 lbs. product/acre	6.9 to 13.8 lbs.	Apply in late winter or early spring prior to weed seed germination. Application made after April or May may not be fully effective.
Annual Bluegrass ( <i>Poa annua spp.</i> ) (See Note Below)	2 to 4 lbs. a.i./A 300 to 600 lbs.	6.9 to 13.8 lbs.	Apply in late summer to early fall prior to weed seed germination
Virginia Buttonweed ( <i>Diodia virginiana</i> ) Pigweed ( <i>Amaranthus spp.</i> ) Florida Pusley ( <i>Richardia scabra</i> ) Oxalis ( <i>Oxalis spp.</i> ) Stinging Nettle ( <i>Urtica dioica</i> ) Carpetgrass ( <i>Axonopus officinis</i> )	4 lbs. a.i./A 600 lbs./A	13.8 lbs.	Apply in early spring prior to weed seed germination
Fall Application for Spring Weed Control in Cool Season Turf			
Crabgrass, Goosegrass and other annual weeds as listed	3 to 4 lbs. a.i./A 450 to 600 lbs./A	10.3 to 13.8 lbs. \ 1,000 sq. ft.	For use in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.
Annual Bluegrass Control in Bermudagrass Fairways Overseeded with Perennial Ryegrass only.			
Annual Bluegrass ( <i>Poa annua spp.</i> )	2 lbs. a.i./A 300 lbs./A	6.9 lbs./1000 sq. ft.	Apply in late summer to early fall prior to <i>Poa annua</i> spp. seed germination. Any <i>Poa annua</i> spp. established when this product is applied will not be controlled. It should not be applied closer than 60 days to overseeding. Do not use where <i>poa trivialis</i> is present in the overseed mixture. Apply the full 2 lb. rate in one application.
<b>NOTE:</b> In many areas annual bluegrass exists as at least two biotypes or subspecies of <i>Poa Annua</i> . The true annual biotype, " <i>Poa Annua</i> spp. annua" which germinates from seed every year is controlled, while the biotype, " <i>Poa Annua</i> spp. raptans" which behaves like a perennial and survives through the summer, as an established plant, cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.			
Annual Weed Control during establishment from "Sprigs", of Bermudagrass, Zoysiagrass, and Seashore Paspalum			
Crabgrass and Goosegrass, Annual Sedge and other annual weeds.	2 to 3 lbs. a.i./A 300 to 450 lbs. per acre	6.9 to 10.3 lbs. per 1,000 sq. ft.	Directions - For Bermudagrass make application immediately prior to or immediately after sprigging. For Seashore Paspalum make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results sprinkler irrigate the "sprigged" area with up to 1/4 inch water after application.

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### FOR SPRING APPLICATION ON GOLF COURSES UNDER TURF MANAGEMENT THE 3 lb. and 4 lb. PER ACRE RATES CAN BE APPLIED AS A "SPLIT" APPLICATION!

Weed control and better turf management can be programmed by splitting the per acre rate of active ingredient into "two" separate applications. For example to accomplish this apply 1.5 lbs. a.i. (for a required 3 lbs. a.i./acre rate) or 2 lbs. a.i. (for a required 4 lb. a.i./acre rate) as the first application 1 to 2 weeks before estimated weed seed germination or in late December or early January. Follow with the second "1/2 rate" in 60 days or the first of March. The timing for these applications should be closely programmed to the geographic region and adjusted to an "early" or "late" spring. Do not split the 2 lb. rate. The 3 lb rate should not be split if applied to new turf areas first coming under turf management where weed pressure is expected to be heavy.