

35512-59

4/13/2010

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

35512-59

Date of Issuance:

APR 13 2010

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Turf Pride® Fertilizer + 0.70%  
 Preemergent Weed Control

Name and Address of Registrant (include ZIP Code):

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

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for registration review of your product under FIFRA section 3(g).
2. Submit the product chemistry required studies for storage stability and corrosion characteristics with Guideline Nos. 830.6317 and 830.6320.
3. Make the following changes to the label:
  - a. Change the product registration number to "EPA Reg. No. 35512-59"
  - b. Under the product name on page 1, add "For Use On Ornamental, Recreational, Institutional, Residential, and Other Private Lawns. Not For Use On Turf Farms". If the

Registrant wants to allow use on turf production farms, add an Agricultural Use Requirements box, see PR-Notices 93-7, 93-11, and 95-3, and a Non-Agricultural Use box. Submit a request for an amended registration for this change.

- c. On page 3, under "NORTHERN Cool Season GRASSES" and SOUTHERN Warm Season GRASSES", change "Apply 3.28 to 5.74 lbs per 1,000sq. ft prior to germination of weeds/(equiv. to 1.0 to 1.75 lbs. of Active Ingredient/Acre)" and "Apply 3.28 to 6.56 lbs per 1,000 sq. ft prior to germination of weeds/(equiv. to 1.0 to 2.0 lbs. of Active Ingredient/Acre)" to "Apply 3.3 to 5.7 lbs of product per 1,000sq.ft. prior to germination of weeds (equiv. to 1.0 to 1.75 lbs. of Active Ingredient (a.i.)/Acre).", and "(Apply 3.3 to 6.6 lbs of product per 1,000 sq.ft. prior to germination of weeds (equiv. to 1.0 to 2.0 lbs. of Active Ingredient (a.i.)/Acre)." The abbreviation "a.i." is used later, and now is defined. Also, its unlikely a scale measuring out to 2 places to the right of the decimal point would be available to homeowners. To avoid the use of food scales to measure out the weight of product directed on label, add a container graduated to an appropriate level(s) that can be used to measure the equivalent amount of product for the weights in the directions for use.
- d. On page 4, because this product can be used by homeowners, change the rate of a.i./acre to the amount of product/acre. Under "OTHER PRECAUTIONS", change "Do not apply to the same area more than twice per year when used at the 2 lbs. a.i./acre rate; 4 times per year when used at the 1 lb. a.i./acre rate." to "Do not apply more than 286 lbs of product per acre per application. Do not apply to the same area more than 4 times per year when used at the 143 lbs. of product/acre rate, and only 2 times per year at the 286 lbs. of product/ acre rate." Under "SPREADER SETTINGS", also use an example of the calculation of a.i. per square foot in amount of product per square foot . For example, change the paragraph to read "To check your spreader settings, refer to your spreader manual.

To apply a rate of 143 lbs of product/acre in an area of 1000 sq. ft. use the following method to calculate how much product to use:

$$\frac{1000 \text{ sq. ft.}}{43560 \text{ sq. ft./acre}} \times 143 \text{ lbs/acre} = 3.3 \text{ lbs of Turf Pride® Fertilizer} + 0.70\% \text{ Preemergent Weed Control}$$

At this rate there is enough product in this bag to treat approximately 15,152 sq. ft.

To apply a rate of 286 lbs of product/acre in an area of 1000 sq. ft.:

$$\frac{1000 \text{ sq. ft.}}{43560 \text{ sq. ft./acre}} \times 286 \text{ lbs/acre} = 6.6 \text{ lbs of Turf Pride® Fertilizer} + 0.70\% \text{ Preemergent Weed Control}$$

At this rate there is enough product in this bag to treat approximately 7,576 sq. ft."

Remove the last sentence "For residential uses: Maximum application rate of 2.0 lbs. active ingredient per acre." With the changes in "3d" above, this sentence is redundant, and there are no other use directions that exceed this rate.

4. The formulation does not exceed 33% nitrogen.

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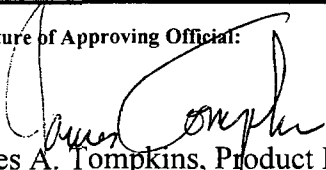
5. A stamped copy of your label Accepted With Comments is enclosed. Submit one copy of the revised final printed label for the record before the product is released for shipment.

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

Signature of Approving Official:

Date:

APR 13 2010

  
James A. Tompkins, Product Manager (25)  
Herbicide Branch, Registration Division (7505P)

EPA Form 8570-6

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# Turf Pride® Fertilizer + 0.70% Preemergent Weed Control

Additional Brand Name(s):

Turf Pride® AccuBlend™ Fertilizer + 0.70% Preemergent Weed Control ProFusion Process

Preemergent control of Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, *Poa Annua*, and Spurge.

Supplies Quick Greening and Extended Feeding.

Recommended for Professional Turf Care Managers.

## ACTIVE INGREDIENT:

Pendimethalin: N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine .....0.70%

INERT INGREDIENTS: ..... 99.30%

TOTAL: .....100.00%

**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 x-xxx-xxx-xxxx [the National Pesticide Information Center at 1-800-858-7378] for emergency medical treatment information.	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

ACCEPTED  
with COMMENTS  
NET WT 35.5 kg (78.1 lb)  
in EPA Letter Dated

APR 13 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
35512-59

EPA Reg. No. 35512-\_\_\_\_  
October 22, 2009 – Appl.

EPA Est. 35512-FL-2  
Page 1 of 5 Pages

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS and DOMESTIC ANIMALS

**CAUTION:** Causes eye irritation. Avoid contact with skin, eyes, or clothing. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not feed clippings to livestock. Do not graze treated areas.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

Long sleeved shirt and pants

Chemical resistant gloves made of waterproof materials such as butyl rubber  $\geq 14$  mils,  
neoprene rubber  $\geq 14$  mils or nitrile rubber  $\geq 14$  mils

Shoes and socks

### USER SAFETY RECOMMENDATIONS

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

Remove contaminated clothing immediately if pesticide gets inside. Then wash thoroughly.

Remove PPE as soon as possible 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when disposing of equipment washwaters or rinsate. In case of spills, sweep up and use as per label instructions or dispose of as directed.

### 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 grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store labeled container, in a dry, clean area. Partially used bags should be sealed by folding down the top and securing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill empty bag. 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 or local authorities, by burning. If burned stay out of smoke.

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**ENTRY RESTRICTIONS:** Do not enter or allow others to enter the treated area until dusts have settled.

**APPLICATION RESTRICTIONS:** 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. Do not apply this product through any type of irrigation system. Do not apply aerially.

This product is a turf fertilizer and a selective preemergence herbicide for use on established turfgrass including Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bentgrass and Poa Annua (except putting greens and tees), Bermudagrass (non "winter-overseeded"), St. Augustinegrass, Bahiagrass, Zoysiagrass, Centipedegrass and blends of these grasses. Refer to label section entitled "Bermudagrass, Bentgrass and Poa Annua Precautions".

### **WEEDS CONTROLLED**

When used at the recommended rates this product will prevent sprouting of the following grassy and dicot weeds and provides a nitrogen feeding.

#### Grassy Weeds

Poa Annua  
Barnyardgrass  
Crabgrass-(Large, Smooth)  
Foxtail-(Yellow, Green)  
Goosegrass  
Fall panicum

#### Dicot Weeds

Common Chickweed  
Knotweed  
Oxalis  
Prostrate Spurge

To prevent goosegrass, crabgrass, foxtail, barnyard grass, fall panicum, Oxalis, Knotweed, Prostrate Spurge, apply in the spring before they sprout.

To prevent Poa Annua and fall germinating chickweed, apply product to dry foliage in late summer or early fall before seeds germinate. Repeat application yearly for continued control.

### **ESTABLISHED TURF**

When applied prior to germination of weeds this product will control weeds listed in WEEDS CONTROLLED section, in established Northern and Southern turf. See above for the names of northern and southern applicable turfgrass species.

#### **NORTHERN Cool Season GRASSES**

Apply 3.28 to 5.74 lbs. per 1,000 sq. ft. prior to germination of weeds.  
(equiv. to 1.0 to 1.75 lbs. of Active Ingredient/acre)

#### **SOUTHERN Warm Season GRASSES**

Apply 3.28 to 6.56 lbs. per 1,000 sq. ft. prior to germination of weeds.  
(equiv. to 1.0 to 2.0 lbs. of Active Ingredient/acre)

Where light weed infestations are expected, the lower rates may be used. For extended weed control, a repeat application is recommended. For best results, water after all applications ( $\frac{1}{4}$  to  $\frac{1}{2}$  inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical herbicide barrier. Do not destroy the chemical herbicide barrier created at the soil surface by raking or aerifying the turf after applying this product.

### PRECAUTIONS IN USING

Do not use on Bentgrass and Poa Annua putting greens and tees, or on dichondra.

Where Bentgrass and Bentgrass-containing turf and Poa Annua are the desired species, a lower rate application only is recommended.

On Cool Season Turfgrasses avoid applications when temperatures are regularly in the 80's.

This product may cause discoloration and thinning where over applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperatures below 40°F, scalping, and excessive soil moisture.)

### BERMUDAGRASS, BENTGRASS AND POA ANNUA PRECAUTIONS

Do not apply to dormant Bermudagrass, Bentgrass or Poa Annua (turf that is not growing actively or has frost injury). May be applied to dormant Bermudagrass if it has been maintained at ½ inch or more high cut and is growing in medium fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of Bermudagrass do not make an application until turf has greened up, is growing vigorously, and has filled in the dead areas.

Application to Bermudagrass overseeded with a cool season grass may injure and thin the overseeded variety.

Do not apply to Bentgrass or Poa Annua after late summer.

### OTHER PRECAUTIONS

Delay seeding 4 months and sprigging by 5 months after an application. For best results, the soil surface should be worked (verticut and/or etc.) to destroy any remaining chemical residue before planting.

For newly planted areas, wait until the turf has been mowed up to 4 times, and is growing vigorously before application.

Do not apply to the same area more than twice per year when used at the 2 lb. a.i./acre rate; 4 times per year when used at the 1 lb. a.i./acre rate.

Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water. If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5 to 10 miles per hour) due to its yellow staining potential.

### SPREADER SETTINGS

To check for your spreader settings refer to your spreader manual details and apply enough product to cover 500 sq. ft. (10'x50') based on the amount of active ingredient of this product you wish to apply per acre ranging from 1.0 lb. per acre up to 2 lbs. per acre. For example to apply 1.0 lb. active ingredient per acre spread 1.64 lbs. of this product to cover 500 sq. ft. or 143 lbs. of product per acre. To apply 1.5 lbs. a.i. per acre apply 214 lbs. per acre = 4.90 lbs. per 1,000 sq. ft. or 2.45 lbs. per 500 sq. ft. to determine setting. Record and adjust your spreader settings accordingly.

For residential uses: Maximum application rate of 2.0 lbs. active ingredient per acre.

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**IMPORTANT: PLEASE READ BEFORE USE**

Note: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen(N) .....xx%  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>) .....xx%  
Soluble Potash (K<sub>2</sub>O).....xx%

Derived from.....xxxx

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[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).]

[Lot no. to be added at production]

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