



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

4 JUN 2008

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

Dear Ms. Horton:

SUBJECT: Label Amendment - Revised Signal Word
Turf Pride® Fertilizer with 1% Ronstar
EPA Registration No. 35512-43
Your Application Dated March 26, 2008

The label amendment referred to above, submitted in accordance with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment. This amended labeling supersedes all previously accepted ones.

Sincerely yours,

A handwritten signature in cursive script that reads "Joanne I. Miller".

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

Turf Pride® Fertilizer with 1% Ronstar®

(Additional Brand Names: Turf Pride® AccuBlend™ Fertilizer with 1% Ronstar® Profusion Process; John Deere Fertilizer with 1% Ronstar®)

50 lb. Bag Treats up to 10,870 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 to 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)-6¹-1,3,4-oxadiazolin-5-one] 1.00%
OTHER INGREDIENTS: 99.00%
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 eye.
 - 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 by 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 sleeved 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 in to 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.

NET WEIGHT 50 POUNDS (22.7 kg)

EPA Reg. No. 35512-43 EPA EST. NO. 35512-FL-2

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

ACCEPTED
with COMMENT
In EPA Letter Dat
4 JUN 2008
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg 35512-43

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 ₂ O ₅).....	variable	%
Soluble Potash (K ₂ O).....	variable	%
Derived from Ammonium Sulfate, Ureaform, Muriate of Potash; Manganese as Mn %; Iron as Fe %; Chlorine < %		

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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.

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 (13.8 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 18.4 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 9.2 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 6.9 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 Centipede grass. DO NOT use on golf course putting greens or tees because of the varying cultural practices used.

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 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.



Pre-emergence Weed Control			
Weeds Controlled	lbs. a.i./Acre product/acre	lbs. of product per 1,000 sq. ft.	Directions
Crabgrass (<i>Digitaria</i> , spp.) Goosegrass (<i>Elymus indica</i>) Field Sandbar (<i>Cenchrus incertus</i>) Annual Sedge (<i>Cyperus compressus</i>)	2 to 4 lbs. a.i./A 200 to 400 lbs. product/acre	4.6 to 9.2 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</i> spp.) (See note below)	2 to 4 lbs. a.i./A 200 to 400 lbs.	4.6 to 9.2 lbs.	Apply in late summer to early fall prior to weed seed germination.
Virginia Buttonweed (<i>Diodia virginiana</i>) Pigweed (<i>Amaranthus</i> spp.) Florida Pusley (<i>Richardia scabra</i>) Oxalis (<i>Oxalis</i> spp.) Stinging Nettle (<i>Urtica dioica</i>) Carpetgrass (<i>Axonopus officinis</i>)	4 lbs. a.i./A 400 lbs./A	9.2 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 300 to 400 lbs./A	6.9 to 9.2 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</i> spp.)	2 lbs. a.i./A 200 lbs./A	4.6 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 fall 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. <i>annua</i> " which germinates from seed every year is controlled, while the biotype, " <i>Poa annua</i> spp. <i>repens</i> " 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 200 to 300 lbs. per acre	4.6 to 6.9 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.

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.



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 spill, sweep up, and use according to directions or dispose of as follows. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticides, 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.

NOTICE: To the extent consistent with applicable law, buyer and user assume all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

[Batch Code to be added at production.]

WEEDS CONTROLLED

Annual Bluegrass	*Evening Primrose	**Jungle Ricegrass	Sow Thistle
Annual Sedge	Fireweed	Lambquarter	Speedwell
*Barnyardgrass	Field Sandbar	**Liverwort	Spotted Catcar
Bittercress	Foxtail, Green, Bristly	Oxalis	Spurge, Garden, Patty
Carpetweed	Fall Panicum	**Panama Paspalum	**Prostrate
Carpetgrass	Florida Pusley	Pennsylvania Smartweed	Stinging Nettle
Common Groundsel	*Galinsoga	Redroot Pigweed	*Sowgrass
Common Purslane	Golden Ragwort	Sensitive plant	Virginia Buttonweed
Crabgrass	*Goosegrass	Shepardspurse	Yellow Woodsoot

*For these weeds use 3 to 4 lbs. a.i. per acre (equal to 300 to 400 lbs. of this product per acre)
**For these difficult-to-control weeds use 4 lbs. a.i. per acre (equal to 400 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	# 20	# 275	# 325	# 39
For Scots Pro R-BA	# G	# H	# J+	# J+

Plus 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.