



52287-3

8/4/2003

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Robert F. Bischoff  
Total Turf Consulting  
P.O. Box 7928  
Hilton Head Island, SC 29938

AUG 4 2003

Dear Mr. Bischoff:

Subject: First Aid Revisions Per PR Notice 2001-1  
Turf Fertilizer with Ronstar 0.67  
Registration Number: 52287-3 ✓  
Your Submission Dated: 07/10/03

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided the following revisions are made:

1. The order of the First Aid statements and the order of the Hazards to Humans and Domestic Animals statements must correspond, with the most severe routes of exposure listed first. Revise the Hazards to Humans and Domestic Animals statements to follow the order of the First Aid statements such as, "May be harmful if swallowed. Avoid contact with eyes, skin or clothing..."
2. Add the following statement back onto the front panel, "Not for Use on Home Lawns."
3. The disposal statement is unacceptable. This label must use language specified in PR Notice 83-3.

The amended label supersedes all previously accepted labels. A stamped copy of the label is enclosed for your records. Please submit one copy of the final printed label, incorporating the revisions stated above, before you release the product for shipment.

Sincerely,

Joanne Miller  
Product Manager, Team 23  
Herbicide Branch  
Registration Division (7505C)

Enclosure

**TURF FERTILIZER WITH RONSTAR® 0.67**

50 lb. Bag Treats up to 7,260 Sq. Ft.

FOR SALE TO, USE & STORAGE BY TURF AND LANDSCAPE PERSONNEL ONLY. FOR PARKS, GOLF COURSES, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS. A PRE-EMERGENT WEED CONTROL PLUS FERTILIZER FOR PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS, ST. AUGUSTINEGRASS, BERMUDAGRASS, TALL FESCUE AND ZOYSIAGRASS  
Controls: crabgrass, annual bluegrass, goosegrass, Florida Pusley, oxalis, stinging nettle, carpetgrass, pigweed and other weeds listed

ACTIVE INGREDIENT:

Oxadiazon: [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazolin-5-one].....	0.67%
INERT INGREDIENTS: .....	99.33%
Total.....	100.00%

Contains RONSTAR® Herbicide a Registered Trademark of Bayer Environmental Science.

EPA Reg. No. 52287-3

EPA Est. No. 52287-FL-1

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N).....	Variable %
Nitrate Nitrogen.....	Variable %
Ammoniacal Nitrogen.....	Variable %
Water Soluble Nitrogen and/or Urea Nitrogen.....	Variable %
Available Phosphoric Acid (P2O5).....	Variable %
Soluble Potash (K2O).....	Variable %

Derived from Ammonium Sulfate, Ureaform, Muriate of Potash, Manganese as Mn 0.5%, Iron as Fe 1.0%, Chlorine < 15%

**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 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 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes eye and skin irritation. Avoid contact with skin, eyes or clothing. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt and gloves when handling. Launder exposed clothing before reuse. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

**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. Apply only as specified on this label. Do not allow people (other than the applicator) or pets on treatment area during application. Do not enter the treatment area until dust has settled.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. 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. Not for use on home lawns. **Not for use on turf being 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.

**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: CONTAINER DISPOSAL: PRODUCT DISPOSAL:** **If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. **Never place unused product down any indoor or outdoor drain.**

When applied according to directions, this product can be used safely on the following established turfgrass varieties: BERMUDAGRASS, PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS Varieties, ST. AUGUSTINE GRASS Varieties, TALL FESCUE, and ZOYSIAGRASS lawns and ornamental turf. It may be used for Apartment and Condominium complexes, Parks, Golf Courses, Athletic Fields, Cemeteries and all other ornamental and recreational turfgrass areas.

**CONTROLS GRASSY WEEDS AND BROADLEAF WEEDS:** Annual Bluegrass (Poa Annua), Barnyardgrass, Crabgrass, Fall Panicum, Florida Pusley, Goosegrass, Green Foxtail, Oxalis, Stinging Nettle, Carpetgrass, Pigweed

**HOW TO APPLY**

For best weed control rake the area free of leaves and thatch and mow if necessary so that granules will reach the soil surface. Measure the area to be treated and uniformly apply the required amount using a fertilizer spreader (see Spreader Settings chart). Do not apply to turf when it is wet. Do not overlap spreader applications on St. Augustinegrass since discoloration "streaking" may temporarily occur from "double rate". After application if rain is not expected within 24 hours sprinkle the treated turf with ¼ to ½ inch of water to get maximum weed control.

**HOW MUCH TO USE**

**FOR CRABGRASS:** Apply 50 lbs./7,260 sq. ft. when turf has been in a yearly maintenance program (equal to 2 lbs. A.I. herbicide per acre). Apply 50 lbs. to treat 4,840 sq. ft. of lawn if it has been heavily infested with Crabgrass (equal to 3 lb. A.I. herbicide per acre). Apply in early spring 1 to 2 weeks prior to weed seed germination. This product is a pre-emergence herbicide. It will not control emerged and growing weeds; only germinating weed seeds. Late application will control only those weed seeds that germinate after the application. See "When To Apply" Chart.

**FOR GOOSEGRASS AND PROSTRATE SPURGE:** These weeds do not usually germinate until late spring or early summer. Apply 50 lbs. to treat 3,630 sq. ft. (4 lbs. A.I./acre) and apply 1 to 2 weeks prior to seed germination. See Use Precautions for St. Augustinegrass.

**FOR ANNUAL BLUEGRASS (POA ANNUA):** Apply 50 lbs. Per 3,630 to 4,170 sq. ft. of lawn (equal to 3.5 to 4 lbs. A.I. herbicide per acre). Apply in late summer to fall or in early spring 1 to 2 weeks before expected weed seed germination. Will not control annual bluegrass present at time of application, only germinating seeds. Refer to the chart for proper timing in your locale. Annual barnyardgrass and prostrate spurge may also be controlled by this same rate. See Use Precautions for St. Augustinegrass.

**FOR PIGWEED, FLORIDA PUSLEY, OXALIS, STINGING NETTLE AND CARPETGRASS:** Where these weeds are a problem apply 50 lbs. to treat 3,630 to 4,174 sq. ft. of lawn (equal to 3.5 to 4 lbs. A.I. herbicide per acre) in early spring or 1 to 2 weeks before expected weed seed germination. Will not control emerged and growing weeds; only effective against germinating weed seeds. See Use Precautions for St. Augustinegrass.

**SPREADER SETTINGS FOR SQUARE FOOT COVERAGE**

SPREADER	AMT. OF PRODUCT	7,260 SQ. FT. =2#A.I./ACRE	4,840 SQ.FT. =3#A.I./ACRE	3,630 SQ.FT. =4#A.I./ACRE
Cyclone	50 lbs.	XX	XX	XX
Scotts #35	50 lbs.	XX	XX	XX

NOTE: spreader rate varies with walking speed. Check spreader over known area.

**WHEN TO APPLY**

**APPROPRIATE TIME TO APPLY THIS PRE-EMERGENT HERBICIDE**

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	1. _____				2. _____				3. _____		
								3A. _____			
					2A. _____						4. _____

1. For CRABGRASS and other Grasses and Broadleaf Weeds germinating in the Spring in Northern turf.
2. For GOOSEGRASS and other Late germinating Annual Grasses and broadleaf weeds such as PROSTRATE SPURGE.
- 2a. For GOOSEGRASS in Southern turf.
3. For POA ANNUA in Northern turf.
- 3a. For POA ANNUA in Southern turf.
4. For Fall-Winter-Spring control of annual weeds in Southern turf.

4 8 4

20030710.Amended Label

**USE PRECAUTIONS**

Do not use on Red Fescue, Bentgrass varieties, Dichondra, or Centipede grass because damage will occur. Do not use on putting greens or "Tees" due to varying cultural practices used. For St. Augustinegrass application rates above the 50 lbs. per 4,840 sq. ft. will temporarily discolor and damage the turf. If a higher rate is necessary (such as 50 lbs./3,630 sq. ft. or 50 lbs./4,174 sq. ft.) in order to control Goosegrass, Spurge, Poa Annua, Florida Pusley or Carpetgrass, turf damage can be expected to the St. Augustine. Therefore apply only when that damage can be tolerated and when good cultural practices are planned in order to revive the damaged turf. Avoid product contact with flowers and shrubs except as recommended on the ornamental use Supplemental Labeling available for this product. For newly seeded lawns do not apply this product until after the second or third cutting. For best lawn care, place new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

**RESEEDING TREATED AREAS**

Delay new seeding until 4 months after treatment.

**NOTICE:** 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.

NET WEIGHT: XX POUNDS

Harrell's Inc.  
P. O. Box 807  
Lakeland, FL 33802

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
**AUG 4 2003**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
52287-3

