		PM 23	355	12-21
OFFICE REGI	INMENTAL PROTECTION AGENCY OF PESTICIDES PROGRAMS STRATION DIVISION (75-767) VASHINGTON, DC 20460	35 TER Co	REGISTRATION NO. 512-31 M OF ISSUANCE nditional	°277JAN 11992
	PESTICIDE: REGISTRA	RATION	E OF PESTICIDE PROD	UCT
	Federal Insecticide, Fungicid denticide Act, as amended)		urf Pride with Q	.5% Ronstar
NAME AND ADDRESS	OF REGISTRANT (Include ZIP	code)		
۲	* **		٦	
Howard Fertilizer Co., Inc. P.O. Box 593800 Orlando, FL 32859-3800				
L	-		٦.	
NOTE: Changes in labeling formula 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 U.S. 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.				
A copy of the labe	ling accepted in connection w	ith this Registrati	on/Reregistration is r	eturned herewith.
Registration is in no way to be construed as an indorsement or approval of this product by this 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 pest-icide 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 Sec. 3(c) (7) (A) provided that you:				
<ol> <li>Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3 (c) (5) when the Agency requires all registrants of similar products to submit such data.</li> </ol>				
	2. Add the phrase "EPA Registration No. 35512-31" before you release the product for shipment:			
	3, Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for further description of final printed labeling.			
			·	
ATTACHMENT IS APPLICABLE				
SIGNATURE OF APP	ROVING OFFICIAL			DATE

PREVIOUS EDITION WAY BE HEED HATH HIBBI

EPA Form 8570-6 (Rev. 5-76)

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

A copy is inclosed for your records.

Joanne I. Miller Product Manager (23) Fungicide-Herbicide Branch Registration Division (H7505C)

Enclosures (2)



# TURF PRIDE® 15% RONSTAR®

# FOR LAWNS AND ORNAMENTAL TURF

50 lb. Bag Treats up to 5,500 Sq.Ft.

FOR COMMERCIAL USE ON PARKS. GOLF COURSES, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY

Ask for a Copy of the Supplemental Label Available For The Use Of This Product On Ornamental Shrubs, Vines & Trees and Container Grown Ornamental Plants

A PRE-EMERGENT WEED CONTROL PLUS FERTILIZER FOR PERENNIAL **BLUEGRASS, PERENNIAL RYEGRASS** ST. AUGUSTINEGRASS, BERMUDA GRASS, TALL FESCUE, ZOYSIAGRASS

Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusiey, Oxalis, Sting!" & Nettle, Carpetgrass, Pigweed & Other Weeds Listed

**ACTIVE INGREDIENT:** 

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-

isopropoxyphenyl) A-1,3,4-oxadiazolin-5-one] -0.50% INERT INGREDIENTS:- - -

99.50% Total 100.00%

Contains RONSTAR® Herbicide a Reg. Trade Mark of Rhone Poulenc Inc.

# KEEP OUT OF REACH OF CHILDREN WARNING

#### STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Calls physician or Potson Control Center immediately, Induce vomiting by giving victim 1 or 2 glasses of water & touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF IN EYES: Flush eyes with plenty of water, Get medical attention if kritation persists, IF ON SKIN:

ash with plenty of soap & water, Get lectical attention if kritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS EPA Reg. No. 35512-EPA EST NO. 35512-FL-1

#### 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 scep 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. Do not allow domestic animals to graze treated areas. Avoid contamination of Feed and foodsluffs.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Use with care when applying in areas adjacent to I his pesticide is toxic to fish. Use with care when applying in areas edjacent to any body of water. Do not contaminate water when disposing of equipment washwaters. RONSTAR® should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canale) contamination of surface water through dissolved runoff or erosion of soil particles to which oxadiazon is adsorbed. Apply only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

# STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposes. <u>STORAGE</u>: Store product in its original beg, in a cool, dry, looked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows. <u>PESTICIDE DISPOSAL</u>: Posticide weekee are toxic. Improper disposal of excess pesticide, or rineate is a violation of Federal law. If these weekes cannot

# FOR LAWNS AND ORNAMENTAL TURF

When applied according to directions this product can be used safely on the following established turigrass varieties: Bermudagrass, Bluegrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Tall Fescue, and Zoysisgrass tawns and ornamental turf. It may be used for Apartment and Condominatin complexes, Parks, Golf Courses, Athletic Fields, Cemeteries and condominating contents. ali other ornamental and recreational turfgrass areas.

#### CONTROLS GRASSY WEEDS & BROAD'LEAF WEEDS

#### Grassy Weeds

\*\*Annual Bluegrass \*Barnyardgrass Bristly Foxfail Carpetgrass Crabgrass Fall Panicum Field Sandbur \*\*Goosegrass Green Foxtall

# Firoadleaf Weeds

**Bittercress** Carpetweed \*Groundsel, common Common Purslane \*Evening Primrose Florida Pusiey \*Galinsoga Golden Ragwort Lambsquarter

Pennsylvania Smartweed Petty Spurge
"Prostrate Spurge Redroot Plaweed Speedwell Spotted Catsear Stinging Nettle \*Swinecress

Green Foxam
"Jungle Ricegrass
"Panama Paspalum
50 lbs. treats 5,500 sq.ft. For weeds with asterisks see paragraphs below.
HOW TO APPLY

For best weed control rake the area free of leaves and thatch and mowif 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 wet turf. Do not over-lap spreader applications, on St. Augustinegrass since discoloration "streaking" may temporarily occur from "double rate". If rain is not expected within 24 hours sprinkle treated turf with 1/4 to 1/2 inch to increase effectiveness.

### **HOW MUCH TO USE**

FOR CRABGRASS and other SUSCEPTIBLE WEEDS For susceptible weeds listed above (without "asterisk) apply 50 lbs. per 5,500 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 3,666 Sq.Ft. of lawn if it has been heavily infested with Crabgrass and other susceptible weeds (equal to 3 lb. A.I. herbicide Infested with Crabgrass and other susceptible weeds (equal to 3 ib. A.i. nerbicide /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 growing weeds; only germinating weed seeds. Late applications will control only those weed seeds that germinate after the application. See "When To Apply" Chart,

\* DIFFICULT-TO-CONTROL WEEDS

BARNYARDGRASS, EVENING PRIMROSE,

GALINSOGA, GROUNDSEL, and SWINECRESS

Where these weeds are a problem apply 50 lbs. to treat 2,750 to 3,666 Sq.Ft. of Lawn; (equal to 3 to 4 lbs. Active Herbicide per acre) in early spring or 1 to 2 weeks before expected weed seed germination. Will not control of emerged and growing weeds; only effective against germinating weed seeds. Observe 50#/ 3,666 sq.ft. maximum rate for St. Augustine grass.

\*\*HARD-TO-CONTROL WEEDS
GOOSEGRASS, JUNGLERICE, LIVERWORT, PANAMA PASPALUM, PROSTPATE SPURGE,
For Hard-to-control or "late communication" was described by lateral 2,750 Sq.Et.

For Hard-to-control or liste germinating was despity 50 bs. to treet 2,750 Sq.Ft. (4 bs. A.I./scre) and apply 1 to 2 weeks prior to seed germination. See Chart for When To Apply. Observe 50#/3,666 ac.ft. maximum rate for \$1, Augustine grass. FOR ANNUAL BLUEGRASS (Poa Annua)

Apply 50 lbs. per 2,750 to 3,666 Sq.Ft. of Lawn; equal to 3 to 4 lbs. active 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; therefore only perminating seeds. Refer to chart for proper timing in your locale. Observe 50#/3,666 aq.it. ....aximum rate for St. Augustine grass.

SPREADER SETTINGS FOR SQUARE 5-3-7 GOVERAGE
AMT. OF for 5,500 Sq.Ft. 3,666 Sq.Ft. 2,750 Sq.Ft.
DER PRODUCT =28A L/Acre =38A L/Acre =48A L/Acre SPREADER CYCLONE B-1 50 LBS. 6 1/2 SCOTTS #35 50 LBS.

4 1/2 NOTE: Spreader rate varies with walking speed

WHEN TO APPLY

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERSICIDE FEB. MAR APR MAY AME ALLY MUG. SEPT. OCT. NOV. DEC

washwelers. RONSTAR® should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface water through dissolved runoff or erosion of soil particles to which exadiazon is adsorbed. Apply only as specified on this label.
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its lebeling

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: 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 tabel instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the

nearest EPA regional office for guidance.

<u>CONTAINER DISPOSAL</u>: Completely empty bag into application equipment. Then 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.

## **GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N)-Nitrate Nitrogen Ammoniacal Nitrogen 12% Water Soluble Nitrogen and/or Urea Nitrogen Water Insoluble Nitrogen Available Phosphoric Acid (P<sub>2</sub>O<sub>0</sub>) -Derived from Armonium Sulfate, Ureaform, Muriate of Potash
Manganese as Mn. 5% Iron as Fe 1.0% Chlorine <15%
Ask for a Copy of the Supplemental Labet Available For the Use Of

This Product On Ornamental Shrubs, Vines & Trees and Container **Grown Ornamental Plants** 

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. (35512-GE.PM4/ Vers. 07-15-92)

proper timing in your locale. Observe 508/3,005 sq.m. scapanium rate for st. Augustine grass.

SPREADER SETTINGS FOR SQUARE FOOT GOVERAGE AMT. OF for 5,500 Sq.Ft. 3,668 Sq.Ft. 2,750 Sq.Ft.

SPREADER PRODUCT =2#A 1 /Acre =3#A 1 /Acre =4#A 1 /Acre CYCLONE B-1 50 LBS. SCOTTS #35 50 LBS. 6 1/2 8 4 1/2 6

NOTE: Spreader rate varies with walking speed

#### WHEN TO APPLY

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE JAN FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

For CRABGRASS and other weeds perminating in the Spring in Northern turf.
For GOOSEGRASS and other Late Germinating weeds such as PROSTRATE SPURGE.
For GOOSEGRASS in Southern Turf.
For POA ANNUA in Northern Turf.
For POA ANNUA in Southern Turf.
For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf.

PRECAUTIONS IN USING

Do not use on desirable Red Fescue, Bentorass varieties, Dichond a, or Centipede grass since damage will occur. Do not use on Putting greens or "Tees" due to varying cultural practices used. Use only the rate of 50 lbs, to treat 3,666 Sq.Ft. on St. Augustinegrass since temporary discoloration will occur from heavier rates. Avoid contact with flowers and shrubs except as recommended on the Omemental Use Supplemental Labeling evallable 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.

**NET WEIGHT 50 POUNDS** 

P.O. BOX 593800 - ORLANDO, FL 32859-3800

ACCEPTER THE CHARLEST (B) to Eth Long three Under the Line : nide 1-11 100 -le

for sale 10, use and 5 lokage BY COMMERCIAL NURSERY, TURE AND LANDSCAPE PERSONNEL ONLY

For Lawn and Ornamental Turf uses refer to takel affixed to product.

A PRE-EMERGENT WEED CONTROL PLUS FERTILIZER FOR PERENNIAL **BLUEGRASS, PERENNIAL RYEGRASS** ST. AUGUSTINEGRASS, BERMUDA ⊸JRASS, TALL FESCUE, ZOYSIAGRASS

Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusiey, Oxalis, Stinging Nettle, Carpetgrass, Pigweed & Other Weeds Listed

**ACTIVE INGREDIENT:** 

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5isopropoxyphenyl) /v-1,3,4-acadiazciin-5-one] -INERT INGREDIENTS:- - - - -

0.50% 99.50% Total 100.00%

Contains RONSTAR® Herbickin a Ren. Trade Mark of Rhone Poulanc Inc. KEEP OUT OF REACH OF CHILDREN WARNING

#### STATEMENTS OF PRACTICAL TREATMENT

IF SWA. LOWED: Call a physician or Polean Control Cents: immediately, induce vomiting by giving victim? or 2 glasses of water & touching back of throat with ringer. Do not induce vomiting or give anything by mouth to an unconectous or convusing person. If IN EYES: Flush eyes with plenty of water. Get medical election if irritation persists. IF ON SIGN: Week with planty of seep & water. Get medical attention if irritation persists.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS EPA EST. NO. 35512-F1-1 EPA Reg. No. 35512-

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANNALS

WARNING: Causes eye and also irritation. Avoid contact with sidn, eyes or clothing. Thoroughly week face end-hands with ecep and water after exposure and before eating or smoking. Weer precisive clothing including tang-alsowed shirt is gloves when handling. Launder exposed clothing before reuse. Do not allow domestic animals to graze treated areas. Avoid contemination of Feed and

**ENVIRONMENTAL HAZARDS** 

This posticide is toxic to fish. Do not apply directly to water. Do not apply when weather constitions 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.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner incombined with the intention.

STORAGE AND DISPOSAL.

STORAGE AND UISPUSAL

Do not contaminate water, food, or feed by sterage or disposed. STORAGE; Store
product in its original bag, in a osol, dry, locked place out of reach of children, in
case of soll, sweep up, and use eccerding to directions or dispose of as follows.

PESTICIDE DISPOSAL: Postitude wester are teste. Impreper disposed of
excess pesticide, or finante is a violation of Federal law. If these wester cannot
be disposed of by use according to label instructions, contact your State Posticide
or Environmental Control Agency, or the Hepsedous Wester representative at the
nearest EPA regional office for guidevice.

CONTAINER DISPOSAL: Completely empty bag into application equipment.
Then dispose of empty bag in a surdary tenditil or by incharation, or, if allowed
by State and local authorities, by burning, if burned stey out of emotie.

# **GUARANTEED FERTILIZER ANALYSIS**

Total Nilropen (N)-Nilrote Nilrog Water Schable Nie er Schible Hillregen and/or Ures Hillregen

Water Insoluble Nitrogen 3%
Available Phosphoric Acid (P,O<sub>2</sub>) - 0%
Soluble Potach (K,O) - 15%
had from Ammerium Sulfate, Unselerm, Muriste of Pota Derived from Ammunikim Sulfate, Unsafarm, Murtale of Pols Manganese se Mr. 5% from se Fo 1,0% Chipping <15%

For Lawn and Ornamental Turf uses refer to label affixed to produ 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 tubet. (35-GESUP.PM4 / Vers. 08-25-92)

**NET WEIGHT 50 POUNDS** 

\*Jungle Ricegrass
\*Panama Paopalum

Yellow Woodsorrel

Lambequerter \*Livewort Can be applied to both newly transplanted and established armamental plants where both weed control and furtilization is desired. Rainfall or overhead irrigation will improve weed control. Do not disturb or cultivate soil effer treatment. Do not apply to wet foliage or under conditions in which granules will collect on teaves.

#### **HOW MUCH TO USE** \*For Hard-to-Kill Weeds

For Hard-To-Kill weeds in the above chart (as indicated by a  $^{\circ}$  asteriot; ) use the rate of 50 ths. to cover 2,790 Sq.Ft.in 3,885 eq.R. (= ? to 4 lbs. A.I./Acre).

For Susceptible Weeds

For weeds lieted in the above chart (without entertsit) a uply 50 the. to treat 3,665 to 5,500 Sq.Ft. (= 2 to 3 lbs. A.I. /acre)of or namenta, plented area. This elso supplies plants with a balanced plant food.

WHEN TO APPLY

See sinual Chart in the beald label for proper time to apply in your area. For best weed control apply at least, two weeks before weed seeds are expected to germinate. For general overall pre-emergence weed control of the most common weeds found in leaves the rate of 50 lbs./3,006 Sq.Ft. is preferred, equal to 3 lbs. A.I. per ecre.)

FOR AREAS WHERE WEEDS ARE GROWING

I treatment to desired in non-furf areas where weeds are presently growing. Sax remove easing weeds. Rate and amouth the soil by "breating-up" during. Apply at rate as directed for specific weeds. (50 lbs. to treat either 5.500 Sq. Ft. or 3.585 Sq. Ft. ) This treatment will only control weeds genericating from seeds. It will not control weeds aproximg from roats I trigate the area after teatment with 1/4 to 1/2 inch water to get measurem weed control.

#### FOR FIELD GROWN ORNAMENTALS

\*Apply at the rate of 50 lbs. per 5,500 or 3,506 Sq.Ft. of area.

Established Plants.

This product may be used around the following thornies.

Eucrymus Pillosporm GROUND COVERS product may or Eurnymus Forsythis Holly Honsytucide Juniper Lilec Mapie Oek Parintride Privet Privet Rhadadenron **Arborvine** Carpobrulus Ostacaparmum Ash Azalos Berberry Sedum Ross Russian Olive Japanese Birch Algerian My Vince Major Spruce Tease Birch Lileo Sprace Virice Mejor Carmelle Music Tosus English by Coloneseter Oek Viburnum Pattesendre Crabappie Parteiride Aycorne Aycon Dogwood Pine Exonymuse Tues higher rate (30 fbs./3,806 sq.nl.) for herd to till weeds. Newtry transpolicity Jornam Higher to till weeds. Newtry transpolicity Jornam Higher Archie, Hodge, Holly, Juniper, Oek, Perindride, Pine, Pulvet, Rhododanden, Russian Olive, Spruce, Tesus, Tesus.

ADDITIONAL APPLICATIONS
To obtain continued sesson lang word control on the following list of plants additional applications may be made 60to 120 days after the provious application in the following situations.

2 REPEAT TREATMENTS 56 tbs / 3.565 SQ.FT

2 REPEAT TREATMENTS 60 lbs / 3,566 SQLFT

Established - Container Grown - Abelle, Common Busseod, English by, Holly, Juniper, Pine, Rhododendron - Newly Transplanted - Container Grown Common Busseod, English by, Juniper, Pine, Rhododendron - Newly Transplanted - Container Grown Common Busseod, English by, Juniper, Pine, Rhododendron - America - A

3 REPEAT TREATMENTS 60 the / 3,666 SQLFT. ON FOLLOWING PLANTS

Established - Container Grown - Abella, Holly, Rhododendron, Fornel Numerics - For Pines -( Lobiolly, Steek, Essiern White.)

#### WEED AND FEED FOR CONTAINER GROWN ORNAMENTAL PLANTS

This product is recommended un a wide variety of container and field grown woody enternental strubs, vines and trees. It may be used on the following list of container grown plants. Use at the rate of 80 lbs. per 2,750 sq. ft. of pot sell surface ares. Plants in 14 high cartainers set set in 12 feet wide rows X 100 feet long will require 10 34 lbs. product per row (Equivalent to 4 lbs. A.I. per scre). Apply with a "shoulder strap half" grass-seeder or granule applicator that will direct the granules to each pot sell curtace.

May be used on the following Container Grown Established Ornamental Plant Species

Heneyeuside Jestiane Dogress Deuglas Fir Eucolyptus Eucolyptus Jappine Juniper-Var, Junipe Laurethee Manualla Exemples Greenin Gereenin Chrise Heath

Privat
Pyrecerthe
Charmen Raphielepus Ster Josephani Sycyphani Vibernant Xyleanna

# HOWARD FERTILIZER COMPANY P.O. BOX 593800 - URLANDO, FL 32859-3800