

Reg # 52287-2

PM-23

File  
196



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

APR 18 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

H.R. McLane  
H.R. McLANE  
Agent for: HARRELL'S INC.  
P. O. Box 807  
Lakeland, FL 33802

Subject: Label Amendment Submission of 03/07/94 in Response to PR Notice 93-7  
EPA Reg. No. 52287-2  
HARRELL'S RONSTAR 1.5 WITH FERTILIZER

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

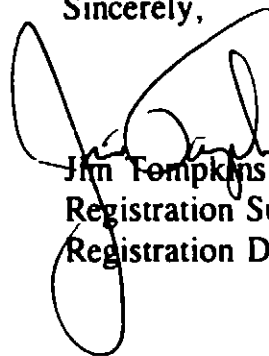
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

**BEST AVAILABLE COPY**

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# Harrell's RONSTAR<sup>®</sup> 1.5 with FERTILIZER

This Product May Also used On Ornamental Shrubs, Vines & Trees  
Ask for the Supplemental Label Which Covers Those Uses

**FOR USE ON PARKS, GOLF COURSES,  
ATHLETIC FIELDS, AND OTHER  
RECREATIONAL AND ORNAMENTAL TURF-  
GRASS AREAS**

**RONSTAR WEED CONTROL WITH FERTILIZER  
FOR USE ON PERENNIAL BLUEGRASS,  
PERENNIAL RYEGRASS  
ST. AUGUSTINEGRASS, BERMUDAGRASS  
TALL FESCUE & ZOYSIAGRASS**

50 lb. Bag Treats up to 16,300 Sq.Ft.

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

**ACTIVE INGREDIENT:**

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-  
isopropoxyphenyl) N-1,3,4-oxadiazolin-5-one] ... 1.50%

**INERT INGREDIENTS:** ... 98.50%  
Total 100.00%

Contains RONSTAR<sup>®</sup> Herbicide a Registered Trade Mark of Rhone Poulenc 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.)

### STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and 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 irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; waterproof gloves; chemical resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; chemical resistant apron when cleaning equipment and a Dust/Mist filtering respirator (MSHA/NIOSH...D/M... approval number prefix TC-21C). 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

### User Safety Recommendations

Users should 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.

### 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.

### 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 sleeved shirt and short pants; waterproof gloves, chemical resistant footwear plus socks, protective eyewear and chemical resistant headgear for overhead exposure.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, 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.

### STORAGE AND DISPOSAL

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

### NON-AGRICULTURAL USES 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, sod farms 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.

### FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF & LANDSCAPE PERSONNEL ONLY NOT FOR USE ON HOME LAWNS.

Applied according to Directions on the following established turfgrass varieties: BERMUDAGRASS, PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS VARIETIES, ST. AUGUSTINE GRASS VARIETIES, TALL FESCUE, & ZOYSIAGRASS lawns & ornamental turf. It may be used for Apartment and Condominium complexes, Parks, Golf Courses, Sod Farms, Athletic Fields, Cemeteries and all other ornamental and recreational turf grass areas.

### CONTROLS GRASSY WEEDS & BROADLEAF WEEDS

Annual Bluegrass (Poa Annua), Barnyard Grass, Crabgrass, Fall Panicum, Florida Pusley, Goose grass, Green Foxtail, Oxalis, Stinging Nettle, Carpet grass, Pigweed.

### HOW TO APPLY

Rake the area free of leaves and troublesome thatch. Mow if necessary so that granules will reach the soil surface. Know the Square footage 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 over-lap spreader applications, on St. Augustinegrass since discoloration "streaking" may temporarily occur from "double rate". After applications if rain is not expected within 24 hours sprinkle the treated turf with 1/4 to 1/2 inch of water to get maximum weed control.

### HOW MUCH TO USE

**FOR CRABGRASS:** Apply 50 lbs./16,300 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 11,000 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 applications will control only those weed seeds that germinate after the application. See "When To Apply" Chart.

**GOOSEGRASS & PROSTRATE SPRUGE:** These weeds do not usually germinate until late spring or early summer. Apply 50 lbs. to treat 8,350 Sq.Ft. (4 lbs. A.I./acre) & apply 1 to 2 weeks prior to seed germination. See Chart for When To Apply. Observe maximum rate for St. Augustine grass.

**FOR ANNUAL BLUEGRASS (POA ANNUA):** Apply 50 lbs. per 8,350 to 9,675 Sq.Ft. of Lawn; equal to 3.5 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 germinating seeds. Refer to chart for proper timing in your locale. **Annual BARNYARDGRASS and PROSTRATE SPURGE** may also be controlled by this same rate. Observe maximum rate for St. Augustine grass.

**FOR PIGWEED, FLORIDA PUSLEY, OXALIS, STINGING NETTLE AND CARPETGRASS:** Where these weeds are a problem apply 50 lbs. to treat 8,350 to 9,675 Sq.Ft. of Lawn; (equal to 3.5 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 maximum rate for St. Augustine grass.

### SPREADER SETTINGS FOR SQUARE FOOT COVERAGE

		AMT. OF	for 16,300 Sq.Ft.	11,000 Sq.Ft.	8,350 Sq.Ft.
SPREADER	PRODUCT	=2#A I/Acre	=3#A I/Acre	=4#A I/Acre	
CYCLONE B-1	50 LBS	3 1/2	4 1/2	5 1/2	
SCOTTS #35	50 LBS.	3 1/2	4	4 1/2	

NOTE: Spreader rate varies with walking speed. Check spreader over known area. Refer to Spreader Manufacturer's Operations Manual for proper calibration.

### WHEN TO APPLY

#### APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT.	OCT	NOV	DEC
1	1	1	2	2	3	3	3	3	3	3	3

1 For CRABGRASS & other Grasses & Broadleaf Weeds germinating in the Spring in Northern turf  
2 For GOOSEGRASS & other Late Germinating Annual Grasses & Broadleaf Weeds such as PROSTRATE SPURGE  
2a GOOSEGRASS in Southern Turf

**TALL FESCUE & ZOYSIA GRASS**  
50 lb. Bag Treats up to 16,300 Sq.Ft.

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

**ACTIVE INGREDIENT:**  
Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl) N-1,3,4-oxadiazolin-5-one] . . . 1.50%

**INERT INGREDIENTS:** . . . . . 98.50%

Total 100.00%

Contains RONSTAR® Herbicide a Registered Trade Mark of Rhone Poulenc 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.)

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and 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 irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; waterproof gloves; chemical resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; chemical resistant apron when cleaning equipment and a Dust/Mist filtering respirator (MSHA/NIOSH...DM... approval number prefix TC-21C). 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

**User Safety Recommendations**

Users should 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.

**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.

**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 sleeved shirt and short pants; waterproof gloves, chemical resistant footwear plus socks, protective eyewear and chemical resistant headgear for overhead exposure.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. For terrestrial uses, 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.

**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 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:** 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) . . . . .	38%
Water Soluble Nitrogen 38%	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) . . . . .	0%
Water Soluble Potash (K <sub>2</sub> O) . . . . .	0%
Derived from Ureaformaldehyde	

EPA Reg. No. 52287-2

NET WEIGHT 50 POUNDS

EPA EST. NO. 52287-FL-1

**Harrell's, Inc.**

P.O. BOX 807 - LAKE LAND, FLORIDA 33802

**BEST AVAILABLE COPY**

ACCEPTED with COMMENTS In EPA Letter Dated 3/19/91

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for this registration under FIFRA 52287-2

**BERMUDAGRASS, PERENNIAL BLUEGRASS, PERENNIAL RYEGRASS VARIETIES, ST. AUGUSTINE GRASS VARIETIES, TALL FESCUE, & ZOYSIA GRASS** lawns & ornamental turf. It may be used for Apartment and Condominium complexes, Parks, Golf Courses, Sod Farms, Athletic Fields, Cemeteries and all other ornamental and recreational turf grass areas.

**CONTROLS GRASSY WEEDS & BROADLEAF WEEDS**

Annual Bluegrass (Poa Annua), Barnyard Grass, Crabgrass, Fall Panicum, Florida Pusley, Goose grass, Green Foxtail, Oxalis, Stinging Nettle, Carpet grass, Pigweed.

**HOW TO APPLY**

Rake the area free of leaves and troublesome thatch. Mow if necessary so that granules will reach the soil surface. Know the Square footage 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 over-lap spreader applications, on St. Augustinegrass since discoloration "streaking" may temporarily occur from "double rate". After applications if rain is not expected within 24 hours sprinkle the treated turf with 1/4 to 1/2 inch of water to get maximum weed control.

**HOW MUCH TO USE**

**FOR CRABGRASS:** Apply 50 lbs./16,300 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 11,000 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 applications will control only those weed seeds that germinate after the application. See "When To Apply" Chart.

**GOOSEGRASS & PROSTRATE SPRUGE:** These weeds do not usually germinate until late spring or early summer. Apply 50 lbs. to treat 8,350 Sq.Ft. (4 lbs. A.I./acre) & apply 1 to 2 weeks prior to seed germination. See Chart for When To Apply. Observe maximum rate for St. Augustine grass.

**FOR ANNUAL BLUEGRASS (POA ANNUA):** Apply 50 lbs. per 8,350 to 9,675 Sq.Ft. of Lawn; equal to 3.5 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 germinating seeds. Refer to chart for proper timing in your locale. **Annual BARNYARDGRASS and PROSTRATE SPURGE** may also be controlled by this same rate. Observe maximum rate for St. Augustine grass.

**FOR PIGWEED, FLORIDA PUSLEY, OXALIS, STINGING NETTLE AND CARPETGRASS:** Where these weeds are a problem apply 50 lbs. to treat 8,350 to 9,675 Sq.Ft. of Lawn; (equal to 3.5 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 maximum rate for St. Augustine grass.

**SPREADER SETTINGS FOR SQUARE FOOT COVERAGE**

	AMT. OF	for 16,300 Sq.Ft.	11,000 Sq.Ft.	8,350 Sq.Ft.
SPREADER PRODUCT	=2#/A.1/Acre	=3#/A.1/Acre	=4#/A.1/Acre	
CYCLONE B-1 50 LBS.	3 1/2	4 1/2	5 1/2	
SCOTTS #35 50 LBS.	3 1/2	4	4 1/2	

NOTE: Spreader rate varies with walking speed. Check spreader over known area. Refer to Spreader Manufacturer's Operations Manual for proper calibration.

**WHEN TO APPLY**

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

JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.////			2.////				3.////				
								3a.////			
4.////			2a.////								

1. For CRABGRASS & other Grasses & Broadleaf Weeds germinating in the Spring in Northern turf.  
2. For GOOSEGRASS & other Late Germinating Annual Grasses & Broadleaf Weeds such as PROSTRATE SPURGE. 2a. 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.

**PRECAUTIONS IN USING**

Do not use on desirable Fescue, Bentgrass varieties, Dichondra, 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 11,000 Sq Ft. on St. Augustinegrass since temporary discoloration will occur from heavier rates. Avoid 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.

**BEST AVAILABLE COPY**

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# Harrell's RONSTAR®1.5 with FERTILIZER

SUPPLEMENTAL LABELING FOR USE AROUND WOODY ORNAMENTAL SHRUBS, VINES, TREES & CONTAINER GROWN ORNAMENTALS

50 lb. Bag Treats up to 16,300 Sq.Ft.

A Commercial Weed & Feed "Preemergent + Fertilizer"

**FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY  
NOT FOR USE ON HOME LAWNS**

SEE BASIC PRODUCT LABEL EPA REG NO. 52287-2

**FOR COMMERCIAL USE OF THIS PRODUCT ON PARKS, GOLF COURSES, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS AREAS**

Controls: Crabgrass, Annual Bluegrass, Goosegrass, Florida Pusley, Oxalis, Stinging Nettle, Carpetgrass, Pigweed and Many Other Weeds as Listed

**ACTIVE INGREDIENT:**

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl) N-1,3,4-oxadiazolin-5-one]. 1.50%

**INERT INGREDIENTS:** ..... 98.50%  
Total 100.00%

Contains RONSTAR® Herbicide a Reg. T.M. of Rhone Poulenc 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.)

### STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and 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 irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; waterproof gloves; chemical resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; chemical resistant apron when cleaning equipment. 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

### User Safety Recommendations

Users should 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.

### 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.

### 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 (nursery-grown ornamental shrubs, vines, trees and container grown ornamentals) 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 sleeved shirt and short pants; waterproof gloves, chemical resistant footwear plus socks and chemical resistant headgear for overhead exposure

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, 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.

### 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

## WEED CONTROL AROUND WOODY ORNAMENTAL SHRUBS, VINES & TREES CONTROLS GRASSY WEEDS & BROADLEAF WEEDS

Annual Bluegrass, Barnyardgrass, Bittercress, Carpetweed, Carpetgrass, Common Groundsel, Common Purslane, Crabgrass, \*Evening Primrose, Green Foxtail, Fall Panicum, Florida Pusley, \*Galinsoga, Golden Ragwort, \*Goosegrass, Lambsquarter, Oxalis, Pennsylvania Smartweed, Petty Spurge, \*Prostrate Spurge, Redroot Pigweed, Spotted Catsear, Stinging Nettle, \*Swinecress, Yellow Woodsorrel.

Can be applied to both newly transplanted and established ornamentals plants where both weed control and fertilization is desired. Rainfall or overhead irrigation will improve weed control. Do not disturb or cultivate soil after treatment. Do not apply to wet foliage or under conditions in which granules will collect on leaves.

### HOW MUCH TO USE

For susceptible weeds apply 50 lbs. to treat 16,300 to 11,000 Sq.Ft. of Ornamental planted area. This supplies plants with approximately 1.16 to 1.72 lbs. actual (N) Nitrogen plant food per 1,000 Sq.Ft. of plant bed. See Chart WHEN TO APPLY. (50 lbs./11,000 Sq.Ft. is preferred rate.)

\*For hard to kill weeds as \*indicated use the rate of 50 lbs. for 11,000 Sq.Ft. or 50 lbs. for 8,350 Sq.Ft. (3 to 4 lbs. A.I./Acre) = 4.5 lbs. to 6 lbs. actual product per 1000 Sq. Ft. of plant bed.

### FOR AREAS WHERE WEEDS ARE GROWING

If treatment is desired in non-turf areas where weeds are presently growing first remove existing weeds. Rake and smooth the soil by "breaking-up" clumps. Apply at rate as directed for specific weeds. (50 lbs. to treat either 16,300 Sq. Ft. or 11,000 Sq.Ft. ) This treatment will only control weeds germinating from seeds. It will not control weeds sprouting from roots! Irrigate the area after treatment with 1/4 to 1/2 inch water to get maximum weed control.

### FOR FIELD GROWN ORNAMENTALS

\*Apply at the rate of 50 lbs. per 16,300 or 11,000 Sq.Ft. of area.

This product may be used around the following Established Plants. ARBORVITA, ASH, AZALEA, BARBERRY-Japanese, BIRCH, CAMELLIA, COTONEASTER, CRABAPPLE, DOGWOOD, EUONYMOUS, FORSYTHIA, HOLLY, HONEY-SUCKLE, JUNIPER, LILAC, MAPLE, OAK, PERIWINKLE, PINE, PITTOSPORUM, PRIVET, RHODODENDRON, ROSE, RUSSIAN OLIVE, SPRUCE, TAXUS, VIBURNUM, XYLOSMA, GROUND COVERS: CARPOBROTUS, OSTEOSPERMUM, SEDUM, ALGERIAN IVY, VINCA MAJOR, ENGLISH IVY, PACHASANDRA, AJUGA, EUONYMOUS.

\*Use higher rate ( 50 lbs./11,000 Sq.Ft.) for hard to kill weeds.

May be used around the following newly transplanted ornamentals.

CAMELLIA, DOGWOOD, FORSYTHIA, HEDRA, HOLLY, JUNIPER, OAK, PERIWINKLE, PINE, PRIVET, RHODODENDRON, RUSSIAN OLIVE, SPRUCE, TAXUS, TSUGA.

To obtain continued season long weed control on the following list of plants additional applications may be made 60 to 120 days after the previous application in the following situations.

### 2 REPEAT TREATMENTS 60 lbs / 11,000 SQ.FT

#### ON FOLLOWING PLANTS

Established - Container Grown — Abelia, Common Boxwood, English Ivy, Holly, Juniper, Pine, Rhododendron. Newly Transplanted - Container Grown Common Boxwood, English Ivy, Juniper, Pine, Rhododendron.

### 3 REPEAT TREATMENTS 60 lbs / 11,000 SQ.FT.

#### ON FOLLOWING PLANTS

Established - Container Grown - Abelia, Holly, Rhododendron.

Forest Nurseries - For Pines - Loblolly, Slash, Eastern White.

## WEED AND FEED FOR CONTAINER GROWN ORNAMENTAL PLANTS

This product is recommended on a wide variety of container and field grown woody ornamental shrubs, vines and trees. It may be used on the following list of container grown plants. Use at the rate of 50 lbs. per 8,350 sq.ft. of pot soil surface area. Plants in 14 inch containers set out in 12 foot wide rows X 100 feet long will require 7 1/4 lbs. product per row (Equivalent to 4 lbs. A.I. per acre). Apply with a "shoulder strap held" grass-seeder or granule applicator that will direct the granules to each pot soil surface

**ACTIVE INGREDIENT:**

Oxadiazon; [2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl) N-1,3,4-oxadiazolin-5-one]. 1.50%

**INERT INGREDIENTS:** 98.50%  
Total 100.00%

Contains RONSTAR® Herbicide a Reg. T.M. of Rhone Poulenc 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.)

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and 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 irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

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. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; waterproof gloves; chemical resistant footwear plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; chemical resistant apron when cleaning equipment. 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

**User Safety Recommendations**

Users should 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.

**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.

**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 (nursery grown ornamental shrubs, vines, trees and container grown ornamentals) 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 sleeved shirt and short pants; waterproof gloves, chemical resistant footwear plus socks and chemical resistant headgear for overhead exposure.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. For terrestrial uses, 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.

**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 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:** 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) .....	38%
Methylene Diurea Nitrogen	38%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) ....	0%
Soluble Potash (K <sub>2</sub> O) .....	0%
Derived from Methylene Diurea	
(A Urea Formaldehyde Nitrogen Fertilizer Source)	

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\*Use higher rate ( 50 lbs./11,000 Sq.Ft.) for hard to kill weeds.

May be used around the following newly transplanted ornamentals.

CAMELLIA, DOGWOOD, FORSYTHIA, HEDRA, HOLLY, JUNIPER, OAK, PERIWINKLE, PINE, PRIVET, RHODODENDRON, RUSSIAN OLIVE, SPRUCE, TAXUS, TSUGA.

To obtain continued season long weed control on the following list of plants additional applications may be made 60 to 120 days after the previous application in the following situations.

**2 REPEAT TREATMENTS 50 lbs / 11,000 SQ.FT**

**ON FOLLOWING PLANTS**

Established - Container Grown — Abelia, Common Boxwood, English Ivy, Holly, Juniper, Pine, Rhododendron. Newly Transplanted - Container Grown Common Boxwood, English Ivy, Juniper, Pine, Rhododendron.

**3 REPEAT TREATMENTS 50 lbs / 11,000 SQ.FT.**

**ON FOLLOWING PLANTS**

Established - Container Grown - Abelia, Holly, Rhododendron. Forest Nurseries - For Pines - Loblolly, Slash, Eastern White.

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AGAPANTHES, ANDROMEDA, ARBORVITA, ARCTOSTAPHYLOS, AZALEA, BARBERRY, BOXWOOD- Common-Japanese, CALISTEMON, CAMELLIA, CEANOTHUS, CEDAR, COTONEASTER, CYPRESS, DOGWOOD, DOUGLAS FIR, EUCALYPTUS, EUONYMOUS-Evergreen, FORSYTHIA, GARDENIA, GINKO, HEATH HEATHER, HEDERA, HOLLY, HONEYSUCKLE, JASMINE, JUNIPER-Varieties, JUSTICA, LEUCOTHOE, MAGNOLIA, MAHONIA, MYRTLE, OSMANTHUS, PERIWINKLE, PHOTINIA, PINE-Varieties, PITTOSPORUM, PODOCARPUS, PRIVET, PYRACANTHA, QUERCUS, RAPHIOLEPUS, RHODODENDRON, ROSE, STAR JASMINE, SYZYGIIUM, VIBURNUM, XYLOSMA.

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.

**Harrell's, Inc.**

P.O. BOX 807 - LAKELAND, FLORIDA 33802

**BEST AVAILABLE**