PM 23 52287-1 11/3/97 Pose 183

Jack R. Horol, Jr. President HARRELL'S, INC. P.O. Box 807 Lakeland, FL. 33802

NOV 3 1997

Dear Mr. Harrell:

Subject: Label Revision Amendment-Additional Brand Names
TURFIC CRABGRASS CONTROL 14-14-14 WITH RONSTAR
EPA Registration Number 52287-1
Your amendment application submission Dated October 16,
1997

The labeling, referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

- 1. Make the labeling change listed below before you release products for shipment bearing the amended labeling:
 - a. In both the basic and supplemental labeling, you must remove the Environmental Hazard Statement from the Direction For Use section. Please reinstate the Environment Hazard Statement under the Precautionary Statement section.
 - b. The "User Safety Recommendations" section must be placed in a box on the product's supplemental labeling with lines or other graphic indicators that clearly separate this section from the surrounding text.

In addition, you should revise the following statement, "50 lb. Bag Treats up to 5,500 Sq.Ft.," to read as "50 lb Bag Treats up to 10,400 Sq.Ft" on your supplemental label.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy is enclosed for your records.

Sincerely yours,

Joanne I. Miller Product Manger (23) Herbicide Branch Registration Division (7505C)

ORNAMENTAL TURFGRASS AREAS

A PRE-EMERGENT WEED CONTROL PLUS FERTILIZER FOR PERENNIAL BLUE-GRASS, PERENNIAL RYEGRASS ST. AUGUSTINEGRASS, BERMUDA-GRASS, TALL FESCUE & ZOYSIAGRASS 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) Δ^2 -1,3,4-oxadiazolin-5-one]. INERT INGREDIENTS: _____

0.95%

Total

Contains RONSTAR® Herbicide Reg. T. M. of Rhone Poulenc Inc. KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si usted no entiende la etiqueta, busque a algulen para que se la explique a usted en detaile

Si usted no entende la edujeta, busque a aguien para que se la explique a usted en detaile (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 vomitting or give anything by mouth to an unconscious or convulsing person. If IN EVES: Flush eyes with plenty of water. Get medical attention if imitation persists.

PARISTS.
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 coverable 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, mixing or loading. Follow manufacturer's instructions for cleaning? maintaining PPE. If no such instructions forwashables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should: Wash hands before sating, drinking, chewing gum, using tobacco or using the folial. Ramove clothing Immediately if peatlicide 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.

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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 of 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 labelling 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 oreenhouses and handlers of agricultural pesticides, it contains requirements to training, decontamination, notification and emergency assistance, it also contains specific instructions and exceptions pentaining 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.

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 coversills over short alseved shirt and short pants; waterproof gloves, chemical resistant footwear plus socks, protective syswear and chemical resistant beadcast for contributed.

headgear for overhead according to the ANVIRONMENTAL HAZARDS

This pesticide is took to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidat areas below the mean high water mark. Do not apply whene 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

rollows.

<u>PESTICIDE DISPOSAL</u>: 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 landful or by incineration, or, it allowed by State and local authorities, by burning, if burned stay out of emoke.

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

CONTROLS GRASSY WEEDS & BROADLEAF WEEDS Annual Bluegrass (Poa Annua), Barnyard Grass, Crabgrass, Fall Panicum, Florida Pusley, Goose grass, 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 lertilizer spreader (see Spreader Settings chart). Do not apply to turn 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

HOW MUCH TO USE

FOR CRABGRASS: Apply 50 lbs. / 10.400 Sq.Ft. when turf has been in a yearly maintenance program (equal to 2 lbs. A.l. herbicide per sors.). Apply 50 lbs. to freat 6.900 Sq.Ft. of lawn if it has been heavily infested with Crabgrass. equal to 3 lb. A.l. 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.

COSECRASS & PROSTRATE SPURGE: These weeds do not usually germinate until late spring or early summer. Apply 50 lbs. totreat 5.200 Sq. Ft. (4 lbs. A L/acre) & apply 1 to 2 weeks prior to seed germination. See Chart for When To Apply Observe maximum rate for St.

prior to seed germination. See Chart for When To Apply Observe maximum rate for St. Augustine grass.

POR ANNUAL BLUEGRASS (POA ANNUA): Apply 50 lbs. per 5.200 to 5.050, Sq. Ft. of Lawn; equal to 3.5 to 4 lbs. active herbicide per sore. 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 NETILE AND CARPETGRASS: Where these weeds are a problem apply 50 lbs. to treat 5.200 to 6.050 Sq. Fl. avn; (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. (50# / 6,900)

SPREADER SETTINGS FOR SQUARE FOOT COVERAGE
AMT. OF for 10,400 Sq.Ft. 6,900 Sq.Ft. 5,200 Sq.Ft.
SPREADER PRODUCT *2#A,L/Acre *3#A,L/Acre *CYCLONE B-1 50 LBS. 4 1/2 5 1/2
SCOTTS #35 50 LBS. 3 1/2 4
NOTE: Spreader rate varies with walking speed =4#A 1./Acre 6 1/2 Check spreader over known area.

3a գուստորդուսորում 4 թարդությունություն

2a minimumminimum 1. For CRABGRASS and other Grasses & Broadleaf Weeds germinating in the Spring in

To GOOSEGRASS and other Late Germinating Annual Grasses & Broadles! Weeds such as PROSTRATE SPURGE, 2s. GOOSEGRASS in Southern Tuit. 3. For POA ANNUA in Northern Tuit. 3s. For POA ANNUA in Southern Tuit. For Fall-Winter-Spring control of ANNUAL WEEDS in Southern Turf.

> **GUARANTEED FÉRTILIZER ANALYSIS** Variable % Variable %
> Variable %
> O_) Variable %
> Variable %
> Variable % Urea Nitrogen Available Phosphoric Acid (P₂O₂) Soluble Potash (K,O). Variable %
> Derived from Ammonium Sulfate, Urea, Muriate of Potash. Manganese as Mn .5% Iron as Fe 1.0% Chlorine <15%

RESEEDING TREATED AREAS Delay new seeding until 4 months after troatment.

PRECAUTIONS IN USING

Do not use on desirable Red 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 6,900 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 (D:har\52287-1.PM /02-20-94\epa acc'pt'dWPS 04-15-94\this date 10-15-97)

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. EPA Reg. No. 52287-1 EPA EST. NO. 52287-FL-1 **NET WEIGHT 50 POUNDS**

HARRELL'S, INC.

LAKELAND, FLORIDA 33802 U.S.A.

Harrell's

Crabgrass Control 14-14-14 with RONSTAR®

For Woody Ornamental Shrubs, Vines, Trees and Container Grown Ornamentals.

Supplemental Label - Additional Product Uses. For Lawn and Ornamental Turf uses refer to label affixed to product.

50 lb. Bag Treats up to 5,890 Sq.Ft.

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

ORNAMENTAL TURFGRASS AREAS

WEED CONTROL AROUND MODDY

ORNAMENTAL SHRUBS, VINES & TREES

Controls Grassy Weeds

Annual Bluegrass

Bittercross

Okalis

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF AND LANDSCAPE PERSONNEL ONLY 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 Pusley, Oxalis, Stinging Nettle, Carpetgrass, Pigweed & Other Weeds Usted

ACTIVE INGREDIENT:

Oxadiazon, [2-tert-butyl-4-(2-4-dichloro-5-isopropoxyphenyl) 7-1,3,4-oxadiazolin-5-one] -INERT INGREDIENTS:

Contains BONSTARS Herbycole & Red Trade Mark of Riffions Provience In

WARNING - AVISO

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(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 INEYES: Flush eyes with plenty of water. Get medical attention if initiation persists. IF ON SKIN, Wash with plenty of soap and water. Get medical attention if initiation persists. IF ON SKIN, Wash with plenty of soap and water. Get medical attention if initiation persists. IF ON SKIN, Wash with PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye and skin initiation. Avoid contact with skin, eyes or clothing. Do not allow domestic animals to graze freated areas. Avoid contamination of feed and foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralis over short-steeved shirt and short pants; waterproof gloves, chemical resistant footwaer plus socks, protective eyewear; chemical-resistant headgear for overhead exposure, chemical resistant apron when clenning equipment, mixing of loading. 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 launday

Users should: Wash hands before eating, drinkling, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

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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, numeries, 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.

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ENVIRONMENTAL HAZARDS

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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 finsate 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.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfilt or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

GUARANTEEDFERTILIZER ANALYSIS

Total Narogen (N) variable%
Nitrate Natrogen variable%
Ammoniacal Natrogen variable%
'Water Soluble Nitrogen variable%
Water Insoluble Natrogen variable%
Available Phosphorlo Acid (P₂O₂) variable%
Soluble Potash (K₂O) variable%
Derived from Ammonium Sulfate, Ureaform, Muriate of
Potash; Manganese as Mn.5%; Iron as Fe 1.0%; Chlorine <15%

ACCEPTED
with PAINSOINO. 52287-1 EPA Est. No. 52287-FL-1
In EPA Letter Dated NET WEIGHT 50 POUNDS

Harrell's, inc.

Lakeland, FL 33802

Current in the Control of the Control of the Employee

ORNAMENTAL SHRUBS, VINES & TREES Controls Grassy Weeds

Annual Bluegrass

*Barnyardgrass Bristly Foxfail Carpetgrass Crapgrass Fall Panicum Goosegrass Green Foxtail *Jungle Ricegrass *Panama Paspalum

Okalia Okalia Pengoldania eriwe Bittercress
Carpetweed
Groundsel, common
Common Pursiane
"Evening Primrose
Florida Pusley
"Galinsoga Speedwell
Golden Ragwort Spotted Catsear
"Swinecress
Vallow Woodsom

Can be applied to both newly transplanted and established ornamental plants where both weed control and fertilization is desired. Rainfell 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 Hard-to-Kill Weeds

For Hard-To-Kill weeds in the above chart (as indicated by an *asterisk) use the rate of 50 lbs. to cover 5,200 Sq.Ft.to 6,900 sq.ft. (= 3 to 4 lbs. A.I./Acre).

For Susceptible Weeds

For weeds listed in the above chart (without asterisk) apply 50 lbs. to treat 6,900 to 10,400 Sq.Ft. (= 21o 3 lbs. A.I. /acre)of ornamental planted area. This also supplies plants with a balanced plant food.

WHEN TO APPLY

WHEN TO APPLY

See annual Chart in the basic 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 lawns the rate of 50 lbs./6,900 Sq.Ft. is preferred, equal to 3 lbs. A.I. per acre.)

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 10.400 Sq. Ft. or 6.900 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 10,400 or 6,900 Sq.Ft. of area.

Established Plants.

This product may be used around the following rvitae Euonymus Pittosporum GROUND COVERS Forsythia Privet Carpobrutus e following
GROUNDCOVERS
Carpobrutus
Osteospermum
Sedum
Algerian Ivy
Vinca Major
English Ivy
Pachasandra
Aluga
Euonymus his product ma Euonymus Forsythia Holly Honeysuckle Juniper Litac Maple Oak Periwinkle Arborvitae Ash Azalea Barberry Japanese Birch Camellia Cotoneaster Crahande Rhododendron Rose Russian Olive Spruce Taxus Vibumum Xylosma

Coroneager Cax Vibrium Fachasariora
Crabapple Periwinkle Xylosma Aluga
Euonymus

*Use higher rate (50 lbs./6,900 sq.ft.) for hard to kill weeds.

Newly transplanted ornamentals
May be used around the following plants; Camellia, Dogwood, Forsythia, Hodera,
Holly, Juniper, Oak, Periwinkle, Pine, Privet, Rhododendron, Russian Olive, Spruce,
Taxus, Tsuga.

ADDITIONAL APPLICATIONS
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 / 6,900 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 Ibs / 6,900 SQ.FT. ON FOLLOWING PLANTS

Established - Container Grown - Abella, 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 frees. It may be used on the following list of container grown plants. Use at the rate of 50 lbs. per 5,200 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 10 3/4 lbs. product per row (Equivalent to 4 ibs. A.l. per acre). Apply with a "shoulder strap held" grass-seeder or granule applicator that will direct the granules to each pot soil surface.

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

Agapanthus Andromeda Cypress Dogwood Douglas Fir Honeysuckle Jasmine Juniper-Var, Podocarpus Privot Pyracantha Quercus Arborvitae Eucalyptus
Euonymusevergreen
Forsythia
Gardenia Arctostaphylos Justica Leucothoe Magnolia Mahonia Raphiolepus Rhododendron Rose Star Jasmine Myrtle common Osmanthus Perlwinkie Syzygium Vibumum Xylosma Calistemon Ginko Camellia Ceanothus Heath Heather Photina Pine-varieties Pittosporum Cedar Cotoneaster Holly

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. (52-1SUPPM6/WPSCertification02-20-94eps acc/pt/d WPS04-15-94\this date 10-15-97)

NOV -3 1997 Under the Federal Insecticide, Fundicides, and Rudenticide Act on insecticide or the president FFREFFE tidder EPA Reg. No.