

52287-6

6-25-2003

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JUN 25 2003

Mr. Robert F. Bischoff
Agent for HARRELL'S INC.
Total Turf Consulting LLC
P.O. Box 7928
Hilton Head, SC 29938

Dear Mr. Bischoff:

This is in response to your request dated May 30, 2003 to change the primary brand name for **EPA Registration 52287-6** from Barricade 21 With Turf Fertilizer to:

TURF FERTILIZER WITH BARRICADE® 0.21

Your request for the name change is **accepted** and the change will be made to the Agency's records. All future correspondence on this product should reference the new name.

Sincerely yours,



Sherada D. Hobgood
Notifications Review Coordinator
Registration Division (7505C)

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United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 52287-6	2. EPA Product Manager JOANNE I. MILLER	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BARRICADE 21 WITH TURF FERTILIZER	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) HARRELL'S, INC. P. O. BOX 807 LAKELAND, FL 33802 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>N/A</u> NOTIFICATION Product Name <u>N/A</u> JUN 25 2003	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION OF PRIMARY BRAND NAME CHANGE PER PR NOTICE 98-10 AND LABEL CHANGE RELATIVE TO PR NOTICE 2002-6. THIS NOTIFICATION IS CONSISTENT WITH THE PROVISIONS/GUIDANCE OF PR NOTICES 98-10 AND 2001-6 AND THE REQUIREMENTS OF EPA REGULATIONS AT 40 CFR 156.10 AND 40 CFR 152.46, AND NO OTHER CHANGES HAVE BEEN MADE TO THE LABELING OR THE CONFIDENTIAL STATEMENT OF FORMULA OF THIS PRODUCT. I UNDERSTAND THAT IT IS A VIOLATION OF 18 U.S.C. SEC.1001 TO WILLFULLY MAKE ANY FALSE STATEMENT TO EPA. I FURTHER UNDERSTAND THAT IF THIS NOTIFICATION IS NOT CONSISTENT WITH THE GUIDANCE OF PR NOTICES 98-10 AND 2001-6 AND THE REQUIREMENTS OF 40 CFR 156.10 AND 40 CFR 152.46. THIS PRODUCT MAY BE IN VIOLATION OF FIFRA AND I MAY BE

Section - III

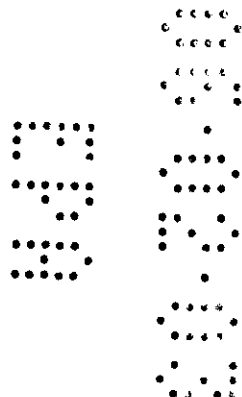
1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
<i>Certification must be submitted</i>		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name ROBERT F. BISCHOFF	Title AGENT, TOTALTURF CONSULTING LLC	Telephone No. (Include Area Code) (317) 873-0222	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment of both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title AGENT, TOTALTURF CONSULTING LLC		
4. Typed Name ROBERT F. BISCHOFF	5. Date MAY 30, 2003		

Section II (Explanation Continued)

SUBJECT TO ENFORCEMENT ACTION AND PENALTIES UNDER SECTIONS 12 AND 14 OF FIFRA.



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NOTIFICATION
JUN 25 2003

TURF FERTILIZER WITH BARRICADE® 0.21

20 lb. Bag Treats up to 2,815 Sq. Ft.

FOR SELECTIVE PRE-EMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN ESTABLISHED TURF GRASSES, (EXCLUDING GOLF COURSE PUTTING GREENS) AND LAWNS. ALSO FOR LANDSCAPE ORNAMENTALS INCLUDING ESTABLISH PERENNIALS AND WILDFLOWER PLANTINGS (SEE SUPPLEMENTAL LABEL).

ACTIVE INGREDIENT:

Prodiamine, [N³, N³-Di-*n*-propyl-2, 4-dinitro-6-(trifluoromethyl)-*m*-phenylenediamine]..... 0.21%

INERT INGREDIENTS..... 99.79%

Total..... 100.00%

Barricade® is a registered trademark of Syngenta.

EPA Reg. No. 52287-6

EPA Est. No. 52287-FL-1

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)..... Variable %

Available Phosphoric Acid (P2O5)..... Variable %

Soluble Potash (K2O)..... Variable %

Ingredients: Ureaformaldehyde, Urea, Sulfur Coated Urea, Ammonium Phosphate, Muriate of Potash

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 IN EYES: Flush thoroughly with soap and water for several minutes. Get medical attention if irritation persists.

IF ON SKIN: Wash with soap and water. Rinse thoroughly. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequent repeated skin contact while handling the material may cause allergic reaction in some individuals.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container away from other fertilizer, feed or foodstuffs and separated from other pesticides.

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.

IF PRODUCT IS SPILLED: sweep up and use as per label instruction or dispose of as indicated above.

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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. This product is a turf fertilizer and a selective pre-emergent herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens), and lawns, landscape ornamentals, established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 1/2 inch of rainfall, irrigation or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application. **NOT FOR USE ON PLANTS BEING GROWN: (1) FOR SALE OR OTHER COMMERCIAL USE; (2) FOR COMMERCIAL SEED PRODUCTION OR; (3) FOR RESEARCH PURPOSES, FOR USE ON PLANTS INTENDED FOR ESTHETIC PURPOSES OR CLIMATIC MODIFICATION AND BEING GROWN IN ORNAMENTAL GARDENS, PARKS, ON GOLF COURSES, OR LAWNS AND GROUNDS.**

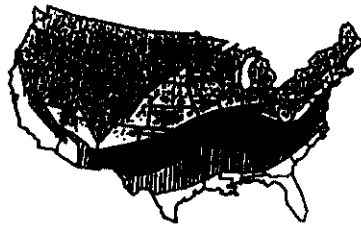
Do not graze or feed livestock forage cut from areas treated with this product. Do not apply aerially. Do not apply to golf course putting greens. Failure to follow the directions for use and precautions on this label may result in poor weed control, crop injury, or illegal residues.

APPLICATIONS DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF

This product is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass and lawns. The maximum amount of material that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map for approximate crabgrass seed germination dates.



- Approximate Date**
- After May 30
 - After May 10
 - After April 20
 - After March 20
 - January 1 to March 20

USE PRECAUTIONS

The following precautions apply to the use of this product in turf grasses and lawns: (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) Do not apply to overseeded turf within 60 days after seeding or until after the second mowing whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil. (3) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) Do not apply this product to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

RATES OF APPLICATION

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All application must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

MAXIMUM ANNUAL RATES

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

MAXIMUM APPLICATION RATE/CALENDAR YEAR OF PRODUCT BY TURF GRASS SPECIES ⁽¹⁾			
Turf Species	Lbs product per acre	Lbs. a.i. per acre	
Creeping Bentgrass	310 lbs.	0.65 lbs.	
Creeping Red Fescue	355 lbs.	0.75 lbs.	
Buffalograss	475 lbs.	1.00 lbs.	
Kentucky Bluegrass	"	"	
Perennial Ryegrass	"	"	
Bermudagrass(2)	715 lbs.	1.50 lbs.	
Bahiagrass	"	"	
Centipedegrass	"	"	
Seashore Paspalum	"	"	
St. Augustinegrass	"	"	
Tall Fescue	"	"	
Including turf type	"	"	
Zoysia	"	"	

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⁽¹⁾These are the maximum rates per calendar year by species limitations. ⁽²⁾May be used on newly-sprigged or plugged Bermudagrass at rates not to exceed 248 lbs. per acre. Newly-sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations. Do not apply more than 715 lbs. of this product per calendar year. Use higher rates of product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates section.

WEEDS CONTROLLED

When used in accordance with this label this product will provide control of the following weeds:

Barnyardgrass	Henbit	Purslane, Common
Bluegrass, Annual (<i>Poa Annua</i>)	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass ⁽³⁾
Chickweed, Common	Junglerice	Shepherd's Purse ⁽²⁾
Chickweed, Mouseear (from seed)	Knotweed	Signalgrass, Broadleaf
Crabgrass (Large, smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarter, Common	Sprangletop
Cupgrass, Woolly	Lovegrass	Spurge, Prostrate
Foxtails, Annual	Panicum (Texas, Fall, Browntop)	Witchgrass
Goosegrass ⁽¹⁾	Pigweed	Woodsorrel, Yellow (from seed)

⁽¹⁾In many areas a single application of 310 to 715 lbs. per acre will control Goosegrass. However, under heavy Goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 310 to 475 lbs per acre followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates section. Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates section. ⁽²⁾Application for this weed should be made in late summer, fall or winter prior to germination. ⁽³⁾Suppression only.

Sequential application may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

Months Before Overseeding

Product Rate Lbs./Acre	A.I./Acre	North	Transition	South
240	0.50	4	4	4
310	0.65	5	4	4
355	0.75	6	5	5
380	0.80	-	6	6
475	1.00	-	7	7
540	1.14	-	-	9
620	1.30	-	-	10
715	1.50	-	-	12

SPREADER SETTINGS FOR 20 LBS	2,815 SQ. FT.	2,455 SQ.FT.	1,835 SQ.FT.	1,220 SQ. FT
Scott's Evergreen 18"	XX	XX	XX	XX
Scotts Speedy Broadcast	XX	XX	XX	XX
Red Devil Broadcast	XX	XX	XX	XX
Republic EZ Drop 18"	XX	XX	XX	XX
Republic EZ Broadcast	XX	XX	XX	XX
Republic EZ Tractor Broadcast	XX	XX	XX	XX

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.

