

52287-19

07-24-2009

1/10



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Robert F. Bischoff
Product Registration
TotalTurf Consulting LLC
Agent for Harrell's LLC
26 A.A. Cooper Road
Megs, GA 31765

JUL 24 2009

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "Fertilizer W/Barricade 0.38%"
EPA Reg. No. 52287-19
Application Dated June 17, 2009

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 06/17/09 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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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 52287-19	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Turf Fertilizer with Barricade 0.38	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Harrell's LLC 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> JUL 24 2009	

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 Alternate Brand Name per PR Notice 98-10 (IIA). This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 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 terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
50 lbs

5. Location of Label Directions
 On Affixed Label

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled 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
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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 or both under applicable law.

2. Signature
Robert F. Bischoff

3. Title
Agent, TotalTurf Consulting LLC

4. Typed Name
Robert F. Bischoff

5. Date
June 17, 2009

6. Date Application Received
(Stamped)

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TotalTurf Consulting LLC
26 A. A. Cooper Rd.
Meigs, GA 31765

Direct: 843-384-2807
Fax: 229-683-3426

E-Mail: rbcooper@juno.com

June 17, 2009

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7505P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attn: Joanne I. Miller

Subject: Turf Fertilizer with Barricade 0.38
EPA Reg. No. 52287-19
Notification of Alternate Brand Name

Dear Ms. Miller:

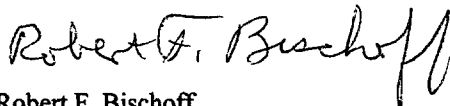
Enclosed labeling shows the addition of an alternate brand name (Fertilizer W/Barricade 0.38%) for the subject registered product. This notification is being submitted on behalf of Harrell's LLC, P. O. Box 807, Lakeland, FL 33802 by TotalTurf Consulting LLC, an authorized agent for Harrell's LLC.

The following documents are included in the subject submission:

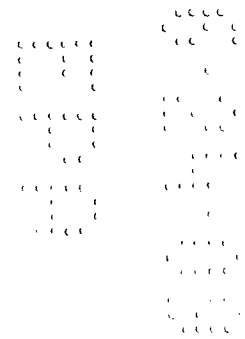
- Cover Letter
- Application for Pesticide (EPA Form No. 8570-1)
- One Copy of Labeling Showing the Alternate Brand Name [Coded as 20090617.Final Label]
- One Copy of Current Labeling [Coded as 20090303.Final Label (PRN2007-4Corr.)]

If there are any questions or additional information is needed concerning this submission, do not hesitate to contact me at (317) 873-0222 or Raymond B. Cooper at (843) 384-2807.

Sincerely,



Robert F. Bischoff
Agent
TotalTurf Consulting LLC
26 A. A. Cooper Road
Meigs, GA 31765





TURF FERTILIZER WITH BARRICADE® 0.38

FOR PRE-EMERGENCE CONTROL OF WEED GRASSES AND BROADLEAF WEEDS IN ESTABLISHED TURF GRASSES, LAWNS, GOLF COURSE FAIRWAYS AND SOD FARMS, (NOT FOR PUTTING GREENS). USE FOR PRE-EMERGENCE WEED CONTROL AROUND LANDSCAPE ORNAMENTALS INCLUDING ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS.

ACTIVE INGREDIENT:

Prodiamine***..... 0.38%

INERT INGREDIENTS: 99.62%

Total.....100.00%

***CAS [29091-21-2]

Barricade® is a registered trademark of Syngenta, Inc.

EPA Reg. No. 52287-19

EPA Est. No. 52287-FL-1

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.)

READ ENTIRE LABEL BEFORE USING

FIRST AID

IF SWALLOWED: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, and then continue rinsing. Call a poison control center or doctor for treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. For information, call 1-800-282-8007.

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 reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At 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 area may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long sleeved shirt and long pants; chemical resistant gloves; shoes plus socks and a dust mask. 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.

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.

PESTICIDE 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.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container, offer for recycling if available.

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. This product is a turf fertilizer and a preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses, golf courses (excluding putting greens), for sod farms, and lawns, and around landscape ornamentals, established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when this product is activated by at least ½ inch of rainfall, irrigation or shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application. **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.**

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 (sod farms, commercial nurseries).

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; chemical resistant gloves such as butyl rubber > 14 mils or natural rubber > 14mils or nitrile rubber > 14 mils; shoes plus socks.

NON-AGRICULTURAL USES REQUIREMENTS

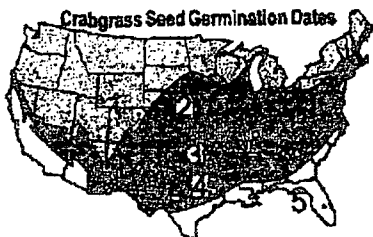
The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The "WPS" applies when this product is used to produce agricultural plants on farms, forests or nurseries. Applicators and handlers should wear long-sleeved shirt, long pants, chemical resistant gloves, shoes with socks and protective eyewear. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Launder exposed clothing before reuse. Do not allow reentry to treated areas until dusts have settled and the turfgrass or soil is dry.

APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment. Do not apply otherwise.

ESTABLISHED TURF

This product is a pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds listed below 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 ½ 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.



- 1: Mid-north & northwestern.....After May 30
- 2: Upper/mid-states & northeast.....After May 10
- 3: Lower mid-states.....After April 20
- 4: Upper southern states.....After March 20
- 5: Warm season states.....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 sequential application to control weeds germinating throughout the year. All applications must be made prior to germination of the weeds listed below. This product will not control established weeds. Maximum use rate section should be based on turf species. The length of time of residual pre-emergence 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/A	Lbs. a.i./A
Creeping Bentgrass	170 lbs.	0.65 lbs.
Creeping Red Fescue	197 lbs.	0.75 lbs.
Buffalograss	265 lbs.	1.00 lbs.
Kentucky Bluegrass	265 lbs.	1.00 lbs.
Perennial Ryegrass	265 lbs.	1.00 lbs.
Bermudagrass ⁽²⁾	395 lbs.	1.50 lbs.
Bahiagrass	395 lbs.	1.50 lbs.
Centipede grass	395 lbs.	1.50 lbs.
Seashore Paspalum	395 lbs.	1.50 lbs.
St. Augustine grass	395 lbs.	1.50 lbs.
Tall Fescue (including turf type)	395 lbs.	1.50 lbs.
Zoysia	395 lbs.	1.50 lbs.

⁽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 137 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 395 lbs. of this product to the same area 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 170 to 395 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 170 to 265 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 shepherd's purse should be made in late summer, fall or winter prior to germination. ⁽³⁾ Suppression only of rescuegrass.

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 and or reseeding results.

Months Before Overseeding*				
Product Rate Lbs./Acre	Lbs. A.L./Acre	North	Transition	South
132	0.50	4	4	4
170	0.65	5	4	4
197	0.75	6	5	5
210	0.80	-	6	6
265	1.00	-	7	7
300	1.14	-	-	9
342	1.30	-	-	10
395	1.50	-	-	12

*Transition states are: DE, MD, VA, WV, KY, MO, KS; North states are those north of transition states; South states are those south of transition states.

APPLICATION EQUIPMENT AND SPREADER SETTINGS

The size and bulk density of granules in this product may vary; therefore, calibrate your granular applicator prior to application of this product. Follow directions in the owner's manual for calibrating your spreader. The settings indicated in the following table should only be used as a guide in calibrating your spreader.

To apply the recommended amounts of a.i. per acre which are as follows:	SPREADER SETTINGS			
	0.65 lbs.	0.75 lbs.	1.0 lbs.	1.50 lbs.
50 LBS. TREATS =	12,732 SQ. FT.	11,035 SQ.FT.	8,276 SQ.FT.	5,518 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

LANDSCAPE ORNAMENTALS INCLUDING ESTABLISHED WILD FLOWER PLANTINGS

This product may be applied for residual pre-emergence weed control in ornamentals listed on this label.

USE RATES

Apply at 170 to 395 lbs. per acre (3.90 lbs. to 9.06 lbs. per 1,000 sq. ft.) of landscape plants, in fall and /or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 395 lbs. per acre.

APPLICATION TIMING AND INFORMATION

Apply uniformly to the surface of the soil in ornamental planting beds with a granular applicator. Calibrate applicator to assure appropriate dosage as described above under Use Rates, prior to application. Calibrate applicator as described in the owner's manual. The bulk density of this product may vary; therefore, to assure that the product is applied at the rates described, a calibrated applicator must be used.

This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least ½ inches of rainfall or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate post-emergence herbicide.

ESTABLISHED LANDSCAPE ORNAMENTALS

This product may be applied to established ornamentals as a broadcast, over the top, or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate this product in the soil.

NEWLY TRANSPLANTED ORNAMENTALS

This product may be applied to newly transplanted ornamentals as a broadcast, over the top, or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union. Irrigate after application as above directed.

TOLERANT ORNAMENTAL SPECIES

This product will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface; avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to this product.

FOR USE AROUND LANDSCAPE ORNAMENTALS, INCLUDING ESTABLISHED PERENNIALS AND WILDFLOWERS, AS LISTED.

Scientific Name	Common Name	Scientific Name	Common Name
<i>Abies</i> spp.	Fir Species** (Balsam, Fraser, Noble, Etc.)	<i>Delosperma</i> sp.	Cooperi Pink
<i>Abella grandiflora</i>	Abelia: Sherwood	<i>Delphinium</i> sp.	Larkspur: Blue Elf
<i>Acer palmatum</i>	Japanese Maple	<i>Dianthus deltoideus</i>	<i>Dianthus</i> : Maiden Pinks "Zing"
<i>A. platanoides</i>	Norway Maple	<i>D. gratianopolitanus</i>	Cheddar, Pink
<i>Achillea</i> , sp.	Yarrow: King Edward	<i>Dodonea viscosa</i>	Hop Bush
<i>Actinidia chinensis</i> *	Kiwi*	<i>Echinacea purpurea</i>	Coneflower, Purple: Magus
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)	<i>Elaeagnus pungens</i>	Silverberry
<i>Agapanthus orientalis</i>		<i>Euonymus fortunei</i>	Wintercreeper
<i>Akebia quintata</i>	Five-Leaf or Chocolate Vine	<i>E. japonica</i>	Japanese Spindle Tree (Evergreen Euonymus)
<i>Allium cernuum</i>	Lady's Leek, Nodding Onion	<i>E. kiautschovica</i>	Spreading Euonymus
<i>Anemone hybrida</i>	Japanese Anemone	<i>Fatsia japonica</i>	Japanese Aralia
<i>Aquilegia</i> sp.	<i>Aquilegia</i> : Red and Gold	<i>Forsythia intermedia</i>	Border Forsythia
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita	<i>F. suspense</i>	Weeping Forsythia
<i>Arctotheca calendula</i>	Cape Weed	<i>F. viridisissima</i>	Greenstem Forsythia
<i>Artemisia</i> sp.	Wormwood: Silver Mound, Castle	<i>Gaillardia</i> sp.	<i>Gaillardia</i> , Blanket Flower: "Goblin"
<i>Aster</i> sp.	<i>Aster</i> : Bonny Blue, Purple Dome	<i>Gardenia jasminoides</i>	<i>Gardenia</i> , Cape-Jasmine, Radicans
<i>Aster X Erikartii</i>		<i>Gaura</i> sp.	
<i>Athrium Filiz-femina</i>	Lady Fern: Fern Lady	<i>Gentiana daturica</i>	Gentian
<i>Aucuba japonica</i>	Japanese Aucuba	<i>Geranium cinereum</i>	Cranesbill
<i>Begonia</i> sp.	Fibrous Begonia: Hardy Grandis	<i>Gladiolus</i> spp.**	<i>Gladiolus</i> species**
<i>Berberis gladwynensis</i>	Barberry	<i>Gypsophila repens</i>	Baby's Breath
<i>B. julianae</i>	Wintergreen	<i>Hedera helix</i>	English Ivy
<i>B. mentorensis</i>	Barberry	<i>Helianthemum</i> sp.	Sunrose
<i>B. thunbergii</i>	Mentor Barberry	<i>Hemerocallis</i> sp.	Daylily: Aztec Gold, Stella De Oro, Tender Love
<i>B. verruculosa</i>	Warty Barberry	<i>Hibiscus</i> **	Rose of Sharon**
<i>Bergenia cordifolia</i>		<i>Hibiscus</i> sp.	Mallow: Disco Belle White
<i>Boltonia asteroides</i>	Snowbank	<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus
<i>Bougainvillea</i> spp.	Bougainvillea	<i>Hosta plantaginea</i>	<i>Hosta</i> , Plantain Lily (Fragrant)
<i>Buddleia davidii</i>	Butterfly-Bush (Dwarf Blue); Royal Red	<i>H. Sieboldiana</i>	<i>Hosta</i> , "Searsucker"
<i>Buxus microphylla</i>	Japanese Boxwood	<i>Houttuynia cordata</i> var. <i>variegata</i>	Bigleaf Hydrangea
<i>Callistemon viminalis</i>	Weeping Bottlebrush	<i>Hydrangea macrophylla</i>	Chinese Holly
<i>Calluna vulgaris</i>	Scotch Heather	<i>Lilx cornuta</i>	Japanese Holly; Helleri
<i>Campanula carpatica</i>	Tussock Bellflower (White Clips)	<i>L. opaca</i>	American Holly
<i>Campis X Tagliabuana</i>	Trumpet Creeper, Trumpet Flower, Madame Galen	<i>L. pernyi</i>	Holly
<i>Capobrotus edulis</i>	Hottentot Fig (Ice Plant)	<i>L. vornitoria</i>	Yaupon Holly; Schillings
<i>Cassia artemisoides</i>	Feathery Cassia	<i>Inula ensifolia</i>	
<i>Ceanothus rigidus</i>	Wild Lilac	<i>Iris ensata</i>	Sword-Leaved Iris; Jodlesong
<i>Ceratostigma plumbagonoides</i>		<i>Iris siberica</i>	Siberian Iris; Cabernet
<i>Chamaecyparis pisifera</i>	False Cypress	<i>Iris</i> spp.**	<i>Iris</i> species**
<i>Chrysanthemum nipponicum</i>		<i>Jasminum nudiflorum</i>	Winter Jasmine
<i>Cleyera japonica</i>	<i>Cleyera</i>	<i>Juniperus chinensis</i>	Chinese Juniper; Nick's Compact, Parsonnil
<i>Citrus</i> spp.*	<i>Citrus</i> species*	<i>J. conferta</i>	Shore Juniper; Blue Pacific
<i>Coreopsis</i> sp.	<i>Coreopsis</i> (Calliopsis): Early Sunrise, Moonbeam	<i>J. davurica</i>	Parsoni
<i>Cornus florida</i>	Flowering Dogwood	<i>J. horizontalis</i>	Creeping Juniper
<i>C. stolonifera</i>	American Dogwood	<i>Juglans</i> sp.*	Walnut*
<i>Cortaderia selloana</i>	Pampas Grass	<i>Justicia brandegeana</i>	Shrimp Plant
<i>Contoneaster apiculatus</i>	Cranberry Cotoneaster	<i>Lagerstromia</i>	
<i>C. buxifolius</i>	Cotoneaster	<i>Indica Lagerstromia indica X Fauriei</i>	Crape Myrtle; Crape Myrtle; Tuscarora
<i>C. dammeri</i>	Bearberry Cotoneaster	<i>Lantana montevidensis</i>	Weeping Lantana
<i>C. microphyllus</i>	Rockspray Cotoneaster	<i>Lavender</i> sp.	Lavender; Munstead
<i>Cretaeus</i> spp.	Hawthorne	<i>Leontopodium alpinum</i>	Edelweiss
<i>Crococsmia</i> sp.	Lucifer	<i>Ligustrum sinense</i>	Chinese Privet; Variegata
<i>Cupressus sempervirens</i>	Italian Cypress	<i>L. amurense</i>	Amur Privet
<i>Delosperma alba</i>	White Trailing Ice Plant	<i>L. japonicum</i>	Japanese Privet

Scientific Name	Common Name	Scientific Name	Common Name
<i>L. juicidum</i>	Glossy Privet (Waxleaf)	<i>Veronica sp.</i>	Veronica, Speedwell; Sunny Border
<i>Lilium sp.</i>	Lily; Jazz Big Blue Lily; Turf	<i>Viburnum japonicum</i>	Japanese Viburnum
<i>Liriope muscari</i>	Silver Mound; Evergreen Giant	<i>V. odoratissimum</i>	Sweet Viburnum
<i>Liriope Muscari var. variegata</i>	Liriope, Variegated	<i>V. plicatum</i>	Japanese Snowball
<i>Liriope spicata</i>	Liriope, Creeping	<i>V. rigidum</i>	Canary Island Viburnum
<i>Lobelia Cardinalis</i>	Cardinal Flower, Indian Pink	<i>V. suspensum</i>	Arrow wood Viburnum
<i>Lonicera japonica</i>	Japanese Honeysuckle	<i>V. tinus</i>	Laurustinus
<i>L. tatarica</i>	Tatarian Honeysuckle	<i>V. trilobium</i>	Cranberry Bush
<i>Loropetalum chinense</i>	Burgundy	<i>V. Wrightii</i>	Leatherleaf Viburnum
<i>Lythrum sp.</i>	Looseleaf; Modern Pink	<i>Vinca major</i>	Greater Periwinkle, Vinca
<i>Magnolia spp.**</i>	Magnolia species**	<i>Vinca minor</i>	Common Periwinkle, Vinca
<i>Malephora luteola</i>	Ice Plant	<i>Vitis sp.*</i>	Grape*
<i>Malus sp.*</i>	Crabapple*	<i>Weigela florida</i>	Old Fashioned Weigela
<i>Miscanthus sinensis</i>	Yaku Jima, Silberfeder	<i>Yucca aloifolia</i>	Spanish Bayonet, Yucca
<i>Nandian domestica</i>	Heavenly Bamboo	<i>Y. filamentosa</i>	Adam's Needle, Yucca
<i>Narcissus spp.**</i>	Narcissus species**		
<i>Nerium oleander</i>	Oleander		
<i>Olea europea*</i>	Olive*		
<i>Ophiopogon japonicus</i>	Mondo Grass		
<i>Osmanthus heterophyllus</i>	Osmanthus (False Holly); Gulf Tide		
<i>Osteospermum fruticosum</i>	Trailing African Daisy		
<i>Oxydendrum arboretum</i>	Sourwood		
<i>Paeonia suffruticosa</i>	Tree Peony		
<i>Pennisetum setaceum</i>	Fountain Grass (Dwarf)		
<i>Perovskia atriplicifolia</i>	Avocado*		
<i>Persea americana</i>	Frasier's Photinia (Redtip)		
<i>Photinia fraseri</i>	Dragonhead, False; Vivid		
<i>Physotegia Virginiana</i>	Spruce species** (Colorado Blue, Norway, etc.)		
<i>Picea spp.**</i>	Lily-of-the-Valley Bush		
<i>Pieris japonica</i>	Calabrian Pine		
<i>Pinus brutia</i>	Canary Island Pine		
<i>P. canariensis</i>	Splash Pine		
<i>P. elliottii</i>	Aleppo Pine		
<i>P. halepensis</i>	Australian Pine		
<i>P. nigra</i>	Longleaf Pine		
<i>P. palustris</i>	Monterey Pine		
<i>P. radiata</i>	Japanese Black Pine		
<i>P. thundersiana</i>	Eastern White Pine		
<i>P. strobes</i>	Scotch Pine		
<i>P. sylvestris</i>	Loblolly Pine		
<i>P. taeda</i>	Virginia Pine		
<i>P. virginiana</i>	Pistachio*		
<i>Pistachio sp.*</i>	Queensland Pittosporum Japanese		
<i>Pittosporum rhombifolium</i>	Pittosporum		
<i>P. tobira</i>	Japanese Yew		
<i>Podocarpus macrophyllus</i>	English Laurel		
<i>Prunus fauroserasus</i>	Almond, Apricot, Nectarine, Peach, Plum and Prune*		
<i>Prunus sp.*</i>	Douglas Fir**		
<i>Pseudotsuga menziesii**</i>	Firethorn (Scarlet)		
<i>Pyracantha coccinea</i>	Firethorn		
<i>P. fortuneana</i>	Firethorn		
<i>P. koidzumii</i>	Firethorn		
<i>Pyrus sp.</i>	Bradford Pear sp.		
<i>Quercus shumardii</i>	Oak, Shumard's Red		
<i>Quercus spp.</i>	Oak, species		
<i>Raphiolepis indica</i>	Indian Hawthorn		
<i>Raphiolepis umbellata</i>	Yedda Hawthorn		
<i>Rhododendron (including Azalea)</i>	'Coral Bells'		
	Delaware Valley White'		
	'Flame Creeper'		
	'Formosa'		
	'Girard Crimson'		
	'George L. Tabor'		
	'Hino-crimson'		
	'PJM'		
	'Roseum Elegans'		
	'Wakeiebisu'		
	'White Gumbo'		
<i>Rosa banksiae</i>	Lady's Bank's Rose		
<i>Rosmarinus officinalis*</i>	Rosemary*		
<i>Rudbeckia sp.</i>	Black-Eyed Susan; Goldstrum		
<i>Santolina, virens</i>	Santolina		
<i>Saxifraga sp.</i>	Saxifrage; Purple Dome Pincushion Flower		
<i>Scabiosa sp.</i>	Stonecrop		
<i>Sedum cauticola</i>	Stonecrop; Lidakense		
<i>Sedum dasyphyllum</i>	Stonecrop		
<i>Sedum spurium</i>	Stonecrop; Dragon's Blood		
<i>Spiraea Bumalda</i>	Spiraea; Anthony Waterer		
<i>Syzygium paniculatum</i>	Australian Brushcherry		
<i>Taxus cuspidate</i>	Japanese Yew		
<i>T. media</i>	Yew		
<i>Teucrium sp.</i>	Germander		
<i>Thalictrum dipterocarpum</i>	Meadow Rue		
<i>Thuja occidentalis</i>	American Arborvitae		
<i>Trachelospermum asiaticum</i>	Star Jasmine		
<i>Tsuga canadensis</i>	Canada Hemlock		
<i>Tulipa spp.</i>	Tulip species		

* Do not use on food producing trees, vines, or plants

** Not for use on container grown plants

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NET WEIGHT: 50 POUNDS

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

Batch No.

NOTIFICATION

JUL 24 2009