

52287-13

4/10/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

APR 10 2009

Robert F. Bischoff, Agent for
Harrell's LLC
TotalTurf Consulting
26 A. A. Cooper Rd.
Meigs, GA 31765.

Subject: Label Notifications for Pesticide Registration Notice 2007-4

Dear Mr. Bischoff,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated March 3, 2009 for the following products:

Fertilizer with Starteem® # 1	EPA Registration Number 52287-10
Fertilizer with Starteem® # 3	EPA Registration Number 52287-12
Weed-Free One Eleven	EPA Registration Number 52287-13
Turf Fertilizer with Ronstar 1.20	EPA Registration Number 52287-14
Harrell's Granular Herbicide 75	EPA Registration Number 52287-15
Harrell's Granular Herbicide 63	EPA Registration Number 52287-16
Turf Fertilizer with Pendimethalin 0.75	EPA Registration Number 52287-17
Turf Fertilizer with Pendimethalin 1.0	EPA Registration Number 52287-18
Turf Fertilizer with Barricade 0.38	EPA Registration Number 52287-19
Turf Fertilizer with Barricade 0.3	EPA Registration Number 52287-20

The Registration Division (RD) has conducted its review of these requests for their applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The labels submitted with the application have been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

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If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,



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

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 52287-13	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) WEED-FREE ONE ELEVEN	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> Product Name <u>N/A</u> <div style="text-align: right; font-weight: bold; font-size: 1.2em;"> NOTIFICATION APR 10 2009 </div>

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.

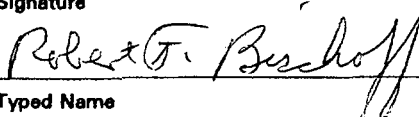
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR Parts 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR Parts 156.10, 156.140, 156.144, 156.146, and 156.156, 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:				2. Type of Container	
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			<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input 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 <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on affixed label	
6. Manner in Which Label is Affixed to Product <input checked="" 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 or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Agent, TotalTurf Consulting LLC	(Stamp area)
4. Typed Name Robert F. Bischoff	5. Date March 3, 2009	

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WEED-FREE ONE ELEVEN

WEED-FREE ONE ELEVEN IS A NEWLY DESIGNED "TIME TESTED" SELECTIVE PREEMERGENCE HERBICIDE FOR CONTROL AND KILL OF ANNUAL GERMINATING SEEDS OF THE LISTED BROADLEAF AND GRASS WEEDS. FOR NURSERIES, LANDSCAPE ORNAMENTALS, GROUND COVERS, CHRISTMAS TREE PLANTATIONS, NON-BEARING FRUIT & NUT TREES, CONTAINER AND FIELD GROWN ORNAMENTALS, NON-BEARING VINEYARDS, NON-CROPLAND.

ACTIVE INGREDIENT:

Trifluralin: a,a,a, trifluoro-2, 6-dinitro-N, N-dipropyl-p-toluidine.....0.20%
Isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2, 6-dimethoxybenzamide and isomers..... 0.05%

OTHER INGREDIENTS:..... 99.75%
Total.....100.00%

Contains 0.125 pound active ingredient per 50-pound bag. U.S. Patents 4,636,243 and 5,086,184

EPA Reg. No. 52287-13

EPA Est. No. 52287-FL-1

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)..... Variable X%
Ammoniacal Nitrogen.....X%
Water Soluble Nitrogen and/or Urea Nitrogen..... X%
Water Insoluble Nitrogen..... X%
Available Phosphoric Acid (P₂O₅)..... Variable X%
Soluble Potash (K₂O)..... Variable X%
Derived from Ammonium Sulfate, Ureaform,
Muriate of Potash

NOTIFICATION

APR 10 2009

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.)

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **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 do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 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 the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust and contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; chemical-resistant gloves made of any water proof material; shoes plus socks; protective eyewear. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep & wash PPE separately from other laundry. Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category "A" on an EPA chemical resistance category selection chart.

USER SAFETY RECOMMENDATIONS

Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing as soon as possible if pesticide gets inside. Users should remove PPE immediately after handling this product. Wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply in a manner, which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwater.

NOTICE: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer". In case of a health or environment endangering emergency involving this product, call 1-800-992-5994. Do not ship or store with food, feeds, drugs or clothing.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read all directions for use carefully before applying. 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.

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 of this label about personal protective equipment (PPE), and restricted entry interval. The requirements in the 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 and chemical resistant gloves made of any waterproof material, shoes plus socks and protective eyewear.

STORAGE AND DISPOSAL

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

Storage: Store in original container only. In case of spill, contain material and dispose as waste.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

GENERAL INFORMATION

WEED-FREE One Eleven is a preemergence herbicide product for control of certain broadleaf weeds and annual grasses in established (container and landscape) ornamentals, nursery stock, Christmas trees, ground covers, non-bearing fruit and nut trees, non-bearing vineyards and non-cropland areas. Apply anytime prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with seasonal rate applied and weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine if additional applications may be needed. Repeat applications at 1500 lbs. per acre and higher should not be made sooner than 60 days after a previous application. Do not apply over 6,000 lbs. per acre total of **WEED-FREE 111** within a 12 month period.

GENERAL USE PRECAUTIONS

WEED-FREE One Eleven controls weeds growing from seed. It does not control established weeds, or weeds growing from stolens, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with suitable post emergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation is required to activate this product. Optimum weed control is obtained when **WEED-FREE One Eleven** is activated within 3 days of application. If rainfall or irrigation does not occur within 3 days of application and tillage is possible, it may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate **WEED-FREE One Eleven** within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of product from the target area. Do not aerially apply. This product may stain concrete areas. Sweep or wash off as soon as possible.

FOR PLANT SPECIES NOT LISTED ON THIS LABEL

As a test, treat around 1 or 2 of such plants at a recommended rate prior to treatment of larger areas. Observe closely for any sign of herbicidal injury during the next 30 to 60 days of normal growing conditions to determine if the treatment is safe to those non-listed species. The user assumes responsibility for any plant damage or other liability resulting from use of WEED-FREE 111 on plant species not recommended and listed on this label.

APPLICATION DIRECTIONS

Apply **WEED-FREE 111** using a drop or rotary type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or crop injury may occur. For evenly spaced plantings more uniform application may be achieved by spreading half of the required amount of product over the area and then apply the remaining half in swaths at right angles.

APPLICATION TECHNIQUES

When using a drop-type spreader, a splashboard mounted under the hopper may provide more even granule distribution. A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps. For treating smaller area or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed. A shaker-type applicator made from a small container with holes punched in the bottom is suggested for small, hard-to-treat areas. For best results carefully measure & apply the correct pounds of product for each area.

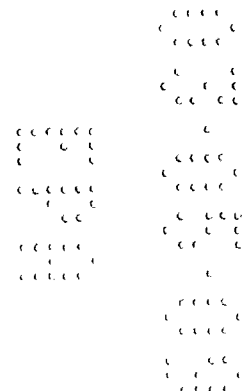
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WEEDFREE 111

WEEDS CONTROLLED

Weeds Controlled at 1000 lbs/acre

<u>Common Name</u>	<u>Scientific Name</u>
aster, slender	Aster exilis
barnyardgrass	Echinochloa crus-galli
bluegrass, annual	Poa annua
bursage, annual	Ambrosia acanthicarpa
celery, wild	Apium, leptohyllum
chickweed, common	Stellaria media



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Weeds Controlled at 1000 lbs/acre

List continued

<u>Common Name</u>	<u>Scientific Name</u>
clover white	Trifolium repens
crabgrass	Digitaria spp.
cutweed, purple	Gnaphalium purpureum
cupgrass, southwestern	Eriochloa gracilis
fiddleneck, coast	Amsinckia intermedia
filaree, redstem	Erodium cicutarium
feabane, blackleaved	Conyza bonariensis
feabane, dwarf	Conyza ramosissima
foxtail, yellow	Setaria glauca
groundcherry, lanceleaf	Physalis lanceifolia
henbit	Lamium amplexicaule
horseweed	Conyza Canadensis
junglerice	Echinocloa colonum
knotweed, prostrate	Polygonum aviculare
lambsquarters, common	Chenopodium album
mallow, little	Malva parviflora
mustard, Indian	Brassica juncea
mustard, void	Sinapis arvensis
nightshade, black	Solanum nigrum
oat, wild	Avena fatua
panicum, fall	Panicum dichotomillorum
pepperweed, Virginia	Lepidium virginicum
pigweed	Amaranthus spp.
pineappleweed	Mafficaria mafficarioides
plantain, slender	Plantago elongata
purslane, common	Portulaca oleracea
radish, wild	Raphanus raphanistrum
ragweed, common	Ambrosia artemisiifolia
rocket, London	Sisymbrium irio
rockpurslane, desert	Calandrinia cilata
shepherdspurse	Capselia bursa-pastoris
sibara	Sibara virginica
smartweed, Pennsylvania	Polygonum pennsylvanicum
sawthistle, annual	Sanctus oleraceus
speedwell, purslane	Veronica peregrina
sprangletop, Mexican	Leptochloa univervia
telegraphplant	Heterotheca grandiflora
thistle, russian	Salsola iberica
witchgrass	Panicum capillare

Weeds Controlled at 1,500 lbs/acre

<u>Common Name</u>	<u>Scientific Name</u>
Aster, heath	Aster ericoides
Bittercress	Cardamine oligospenna
Bittercress, hairy	Cardamine hirsute
Brassbuttons, southern	Colula australis
Carrot, wild	Daucus carota
Chamberbitter	Phyllanthus urinaria
Chickweed, mouseear	Cerastium vulgatum
Dandelion	Taraxacum officinate
Eclipta	Eclipta prostrata
Foxtail, giant	Setaria faberi
Galinsoga, hairy	Galinsoga ciliata
Geranium, Carolina	Geranium carolinianum
Groundsel, common	Senecio vulgaris
Ladysthumb	Polygonum persicana
Lettuce, prickly	Lactuca scariola
Lovegrass	Eragrostis spp.
Mallow, dwarf	Malva rotundifolia
Marestail	Hippuris vulgaris
Mayweed	Anthemis cotula
Morningglory, ivyleaf	Ipomoea hederacea
Mustard, black	Brassica nigra
Pennywort	Hydrocotyle spp.
Phyllanthus, long-stalk	Phyllanthus tenellus
Plantain, bracted	Plantago aristata
Plantain, broadleaf	Plantago major
Plantain, buckhorn	Plantago lanceolata
Pokeweed, common	Phytolacca Americana
Rockpurslane, redmaids	Calandrinia ciliata var. menziesii
Ryegrass, annual	Lolium multiflorum
Sida, prickly	Sida spinosa

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Weeds Controlled at 1,500 lbs/acre

List continued

<u>Common Name</u>	<u>Scientific Name</u>
Sorrell, red	Rumex acetosella
Speedwell, thymeleaf	Veronica serpyllifolia
Spurge, hyssop	Euphorbia hyssopifolia
Spurge, spotted	Euphorbia maculata
Sweetclover, yellow	Melilotus officinalis
Tansymustard, green	Descurainia pinnata
Velvetleaf	Abutilon theophrasti
Woodsorrel, yellow	Oxalis stricta

WEEDS CONTROLLED**Weeds Controlled at 2000 lbs/acre**

<u>Common Name</u>	<u>Scientific Name</u>
barley, hare	Hordeum leponnum
bromegrass	Bromus spp.
burclover, California	Medicago polymorpha
cheat	Brumus secalinus
datura	Datura spp.
dogfennel	Eupatorium capillifolium
eveningprimrose	Oenothera spp.
fescue, rattail	Vulpia myuros
filaree, whitestem	Erodium moschatum
goosefoot, nettleleaf	Chenopodium murale
goosegrass	Eleusine indica
Jimsonweed	Datura stramonium
knotweed, silversheath	Polygonum argyrocoleon
kochia	Kochia scoparia
medic, black	Medicago lupulina
mullein, turkey	Eremocarpus setigerus
nettle, burning	Urtica urens
nettle, stinging	Urtica dioica
ox tongue, bristly	Picris echioides
pimpernel, scarlet	Anagallis arvensis
sandbur, field	Cenchrus incertus
signalgrass	Brachiaria spp.
sawthistle, spiny	Sonchus asper
spurge, prostrate	Euphorbia humistrata
stinkgrass	Eragrostis cilianensis
sunflower	Helianthus spp.
swinecress	Coronopus didymus
thistle, musk	Carduus nutans
willoweed, panicle	Epilobium paniculatum
woodsorrel, creeping	Oxalis comiculata

Weeds Partially Controlled or Suppressed at 2000 lbs/acre

<u>Common Name</u>	<u>Scientific Name</u>
bindweed, field	Convolvulus arvensis
carpetweed	Mollugo verticillata
dock, curly	Rumex crispus
johnsongrass (seedling)	Sorghum halepense
mallow, Venice	Hibiscus trionum
milkweed, honeyvine	Ampelamus albidus
morningglory, tall	Ipomoea purpurea
panicum, Texas	Panicum texanum
pusley, Florida	Richardia scabra
shattercane	Sorghum bicolor

Approved and Non-approved uses For Ornamental Plantings

Weed-Free 111 is recommended as a pre-emergence treatment for control of certain broadleaf weeds and annual grasses as listed on this label in Established (container and field growth) ornamentals, landscape ornamentals, ground covers/perennials, Christmas trees, non-bearing fruit and nut crops and non-bearing vineyards. Apply **Weed-Free 111** anytime prior to germination of target weeds, or immediately after cultivation. Refer to the "General Information" section of this label for General Use Precautions, relating to applications, rates, product activation, and weeds controlled.

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Special Use Precautions

Treat only around established plants. To avoid possible injury, do not apply to seedlings, cuttings or transplant beds or to the following 7 areas:

1. nursery, forest, or Christmas tree; seedling beds, cutting beds or transplant beds
2. nursery seedbeds or forest or Christmas tree seedling transplant beds.
3. unrooted liners or cuttings that have been planted in pots for the first time.
4. pots less than four inches wide.
5. bedding plants or areas where bedding plants will be planted or transplanted within one year following application.
6. ground covers until they are established and well rooted.

7. Do not apply to newly transplanted ornamentals, nursery stock, Christmas trees, ground covers, non-bearing fruit and nut trees and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur. Repeat applications at 1500 pounds per acre and higher should not be made sooner than 60 days after a previous application. Do not apply over 6,000lbs. per acre total of Weed-Free 111 within a 12 month period. Where loss of stand has occurred in field grown ornamentals, use untreated soil as fill around roots when replacing plants or injury may occur.

Important: Do not use on the following plant species since injury has been observed following application. Do not use Weed-Free One Eleven on them!

- Ajuga spp. (bugle) – Brassica spp. (mustard)
- Euonymus alatus 'compacta' (dwarf burning bush)
- Euphorbia spp. (spurge) – Hydrangea spp. (hydrangea)
- Iberis spp. (candytuft)
- Juniperus horizontalis 'Prince of Whales' (prince of Whales juniper)
- Malaleuca quinquenervia (cajeput tree)
- Rhododendron carolinianum (Carolina rhododendran)
- Rhododendron catawbiense 'Roseum elegans' (Roseum elegans rhododendran)
- Sedum spp. (stonecrop)
- Yucca recurvifolia (green yucca)

Weed-Free One Eleven is approved for use on the following lists of established nursery plant species being grown in containers or in the field. Treat only *Field Grown species if followed by an Asterisk*.

<u>Scientific Name</u>	<u>Common Name</u>
Abies balsamea	Fir, balsam
Abies concolor	Fir, white*
Abutilon hybridum	Albus-flowering maple
	Leteus-flowering maple
	Roseus-flowering maple
	Tangerine-flowering maple
	Vesuvius red-flowering maple*
Acer ginnala	Flame Maple*
Acer rubrum	Red maple* Red sunset maple*
Acer saccharinum	Silver maple*
Areacastrum romanzoffianum	Queen palm*
Betula nigra	Birch, river
Betula papyrifera	Paper birch
Brachychiton populneus	Bottle tree
Bucida buceras	Black olive
Ceratonia siliqua	Carob*
Cercis Canadensis	Redbud
Chamaecyparis obtuse	Filicoides-femspray cypress*
Chamaecyparis obtuse	Gracilis-siender hinoki cypress*
Chamaecyparis pisifera	Sawara-faise cypress*
	Squarrosa-moss cypress*
Chamaedorea cataractarum	Cat Palm*
Chamaedorea costaficana	Palm
Chamaedorea elegans	Parlor palm
Cornus florida	Cloud nine dogwood
	Dogwood, flowering
Crataegus vitidis	Green hawthorn*
Cryptomena japonica	Cryptomeria, Japanese
Cupaniopsis anacardioides	Carrot wood*
Cupressus glabra	Arizona cypress*
Eleagnus angustifolia	Russian olive
Eucalyptus camaldulensis	Red gum eucalyptus*
Eucalyptus cinerea	Eucalyptus, mealy*
	Silver dollar eucalyptus*
	Coolibah tree
Eucalyptus microtheca	

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List Continued

<u>Scientific Name</u>	<u>Common Name</u>
Eucalyptus sideroxylon	Eucalyptus, red ironbark*
Ficus benjamina	Ficus
	Mini ficus
Fraxinus udhei	Shamel ash
Ginkgo biloba	Ginkgo (Maidenhair tree)*
Gleditsia triacanthos	Honeylocust*
	Shademaker honey locust*
Heteromeles arbutiflora	Toyon*
Illicium floridanum	Florida anise-tree
Juniperus Virginiana	Redcedar, Eastern
Liquidamber styraciflua	Sweetgum, American*
Magnolia grandiflora	Magnolia, Southern
Morus alba	White mulberry*
Musa aluminata	Banana
Oxydendrum arboreum	Sourwood
Picea abies	Pendula-weeping Norway spruce
	Repens-spreading Norway spruce
	Spruce, Norway
Picea glauca	Conica-dwarf Alberta spruce
Picea glauca conica	Dwarf Alberta spruce*
Picea pungens	Dwarf globe blue spruce*
	Glaucolorado blue spruce
	Hoopsii-Hoop's blue spruce
	Koster-Koster blue spruce*
	Pristelcone Pine*
Pinus aristata	Canary Island Pine*
Pinus canariensis	Shore Pine, Beach Pine
Pinus contorta	Elderic Pine
Pinus eldarica	Bosnian Pine
Pinus leucodermis	Pumilio-Shrubby Swiss mountain pine
Pinus mugo	Austrian Black Pine
Pinus nigra	Monterey Pine
Pinus radiata	Eastern White Pine
Pinus strobes	White Pine
Pinus strobes	Columnar Scotch Pine
Pinus sylvestris	Scotch Pine
	Japanese Black Pine
Pinus thunbergiana	American Sycamore
Platanus occidentalis	California Sycamore
Platanus racemosa	Podocarpus
Podocarpus spp.	Cottonwood
Populus deltoids	Chilean Mesquite
Prosopis chilensis	Yoshino flowering cherry*
Prunus yedoensis	Bear Oak*
Quercus ilicifolia	Pin Oak*
Quercus palustris	Willow Oak
Quercus phellos	Red Oak
Quercus rubra	Live Oak
Quercus virginiana	Babylon weeping willow*
Salix babylonica	Corkscrew willow*
Sequoiadendron giganteum	Giant sequoia*
Swietenia mahogany	Mahogany*
Tabebuia caraiba	Yellow tab*
Tsuga Canadensis	Eastern hemlock
Ulmus parvifolia	Chinese elm*
Washingtonia robusta	Mexican fan palm*
	Shrubs
<u>Scientific Name</u>	<u>Common Name</u>
Abelia grandiflora	Edward Goucher abelia
	Glossy abelia
Acacia abyssinica	Abyssinica acacia
Acacia redolens	Acacia, prostrate
Acacia stenophylla	Shoestring acacia
Acalypha wilkesiana	Copper leaf
Acer ginnala	Amur maple
Acer palmatum	Coral bark Japanese maple
	Dwarf Japanese maple
Agave Americana	Century plant*
Astible arendsii	false spiraea
Astible chinensis	Astibelfaise spirea
Athylium nipponicum	Japanese painted fern
Baccharis pilularis	coyotebush*
Berberis gladdens	William Penn barberry
Berberis mentorensis	Mentor barberry

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Shrubs
List Continued

<u>Scientific Name</u>	<u>Common Name</u>
Berberis thunbergii	Aurea-golden Japanese barberry*
	Crimson pygmy barberry
	Rose glow barberry
	Atropurea-redleaf Japanese barberry*
Bougainvillea spp.	Barbara Karst
	California gold
	Pink pixie/C,F
	Scarlet O'Hara
	Temple fire
	Texas dawn
Buxus microphylla japonica	Boxwood, Japanese
Buxus microphylla Koreana	Korean boxwood*
Buxus sempervirens	Boxwood, common
Callistemon, citrius	Bottlebrush, lemon*
Callistemon viminalis	Weeping bottlebrush
Calluna vulgaris	spring torch scotch heather
Camelia japonica	Camellia
Cassia artemisioides	Cassia, feathery
Ceanothus spp	Wild lilac/F
Cephalotaxus drupacea	Plum yew
Cerastium tomentosum	Snow-in-summer
Chamaecyparis obtusa	Kosteri cypress
	Nana-dwarf Hinoki cypress
	Torulosa cypress
Chamaecyparis pisifera	baileyi-dogwood*
	Flaviramea-dogwood*
	Squarrosa Minima cypress
	Filifera-thread cypress
Chamaecyparis pisifera spp.	Areca palm*
Chrysalidocarpus lutescens	Summersweet
Clethra alnifolia	Cleyera, Japanese
Cleyera japonica	Sibirica-Siberian dogwood
Comua alba	Bbaileyi-red-osier dogwood*
Comus stolonifera	Flaviramea-yellowtwig dogwood*
	Royal purple smoke tree
Cotinus coggygria	Coral beauty smoke tree
Cotinus dammeri	Eichhoiz smoke tree
	Praecox-early cotoneaster
Cotoneaster adpressus	Cotoneaster, cranberry
Cotoneaster apiculatus	Cotoneaster, Pyrenees
Cotoneaster congestus	Cotoneaster, bearberry
Cotoneaster dammeri	Himalayan Cotoneaster
Cotoneaster Himalayan	Cotoneaster, Rock
Cotoneaster horizonatalis	Sago Palm
Cycas revoluta	Hollandia-warminster broom
Cytisus praecox	Lena-Scotch broom*
Cytisus scoparius	Fragrant daphne
Daphne odora	Nakiana-dwarf deutzia
Deutzia crenata	Slender gracilis
Deutzia Gracilis	Hopseed bush*
Dodonea viscosa	Fruitland silver berry
Elaeagnus pungens	Purple bell heather
Erica cinerea	Cornish heather
Erica vagans	Mediterranean pink heather
Erica x darleyensa	Canadale gold euonymus
Euonymus fortunei	Emerald n gold euonymus*
	Sunspot euonymus
Euonymus japonica	Silver king euonymus*
	Variogated evergreen euonymus
Euonymus kiatschovica	Spreading euonymus
Forsythia intermedia	Forsythia, border
Gardenia jasminoides	August beauty gardenia
	Gardenia
	Radican gardenia
Gaultheria shallon	Salal / lemon leaf
Gelsemium sempervirens	Carolina jessamine
Gentista pilosa	Woodwaxen
Hibiscus rosa-sinensis	Ross Estey-hibiscus
Hibiscus syriacus	Rose of Sharon, Red Bird
	Rose of Sharon, Red Heart*
	Rose of Sharon, Woodbridge
	Balkans holly*
	Gold coast holly*
	San Jose holly

Shrubs
List Continued

<u>Scientific Name</u>	<u>Common Name</u>
Ilex attenuata	Savannah holly
Ilex comuta	Buford holly
	dwarf Buford holly
	needle point holly
	Compacta-dwarf Japanese holly
Ilex crenata	Convexa holly
Ilex crenata	Dwarf Chinese holly
	Green luster holly
	Helleri-Heffers Japanese holly
	Hetzii's Japanese holly
	Stokesii Japanese holly
Ilex glabra	compacta-compact inkberry holly
	Nordica-inkberry holly
	Blue boy holly
	Blue girl holly
	Ebony magic holly*
	Nana-dwarf yaupon holly
	Pendula-weeping yaupon holly
	yaupon holly
	Mystery gardenia
Illicium anisatum	Henry Garnet hollyleaf sweetspire
Itea ilicifolia	Lxora
Lxora collinea	Hollywood juniper
Juniperus chinensis	Media-old juniper
	pfitzer juniper
	Pfizerana glauca-blue juniper
	Pfizerana-pfizer juniper
	Sea green juniper*
	Torulosa-hollywood juniper
Juniperus conferta	Emerald sea shore juniper
	Shore juniper
Juniperus hofizontalis	Andorra juniper
	Bar Harbor juniper
	Blue rug juniper
	Creeping juniper
	Dwarf Andorra juniper
	Huntington blue juniper
	Plumosa-Andorra juniper
	Wiltonii-blue carpet juniper
Juniperus procumbens	Nana-dwarf Japanese garden juniper
Juniperus prostrata	Prostrata juniper
Juniperus Sabina	Broadmoor juniper
	Foemina-Hicks juniper
	Savin juniper
	Tamariscifolia-Tam juniper
Juniperus scopulorum	Emerald green juniper*
Juniperus squamata	Blue juniper
	Blue star juniper
	Parsonii juniper
	Laurel mountain
Kalmia latifolia	Crepe myrtle
Lagerstroemia indicas	Lantana
Lantana spp.	Leucothoe, coast
Leucothoe axillaries	Leucothos, drooping
Leucothoe fontanesiana	Privet, japnese
Ligustrum Japonicum	wax ligustrum
	yellow tip ligustrum
Ligustrum lucidum	Privet, glossy
Ligustrum ovalifolium	California privet*
Ligustrum texanum	Howardi privet
	wax leaf privet
Ligustrum vicaryi	Privet, golden*, Vicary golden privet*
Ligustrum vulgare	Lodense privet
Livistona chinensis	Chinese fountain palm*
Lonicera fragrantissima	Winter honeysuckle
Lonicera periclymenum	Flowering woodbine
	Serotina woodbine
Lonicera sempervirens	Trumpet honeysuckle
Mahonia bealei	Leather leaf mahonia
Mahonia repens	Creeping mahonia
Myrica cerifera	Wax myrtle
Nandina domestica	Compacta-dwarf heavenly bamboo
	Harbour dwarf-heavenly bamboo
	Heavenly bamboo (Nandina)

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Shrubs List Continued		Shrubs List Continued	
Scientific Name	Common Name	Scientific Name	Common Name
Nerium oleander	Nana compacta-heavenly bamboo Woods dwarf-heavenly bamboo Hardy red oleander Oleander Ruby lace oleander Fortunes osmanthus Pigmy date palm Fraser's photinia lily-of-the-valley Mountain fire lily-of-the-valley Snowdrift lily-of-the-valley Temple bells lily-of-the-valley Valley rose lily-of-the-valley Valley valentine lily-of-the-valley Forest flame lily-of-the-valley Mugo-mugho pine Green pittosporum Wheeler's dwarf pittosporum Blue cape plumbago* Plumbago Yewpine Tassel fern Cinquefoil*	Rhododendron mucronulatum Rhododendron obtusum Rhododendron ponticum Rhododendron ponticum Rhododendron racemosum Rhododendron sassthigiafim x carolinianum Rhododendron satuski Rhododendron ssp. hybrids Rhus lancea Rosa rugosa Rosmarinus officinalis Skimmia japonica Skimmia revesiana Spiraea bumaida Spiraea japonica Spiraea vanhouttei Syringa rothomagensis Syringa vulgaris Taxus cuspidate Tecomaria capensis Temstroemia gymnanthera Thuja occidentalis Thuja occidentalis Thuja orientalis Veitchia merrily Vibumum bodnantense Vibumum davidi Vibumumjaporicum Vibumum lantana Vibumum opulus sterile Vibumum plicatum torrentosum Vibumum setigerum Vibumum tinus compactum Vibumum trilobum Vibumum trilobum compactum Vibumum x pragense Weigela florida Xylosma congestum Yucca filamentosa	Rhododendron Hino-crimson azalea Chionodes rhododendron Daphnoides rhododendron Dwarf scarlet wonder rhododendron Tribly rhododendron Unique rhododendron Vulcan rhododendron Ramapo rhododendron Gumpo pink azalea Higasa azalea Reijn azalea Carror azalea Fashion azalea Gerard Christina azalea* Girard Roberta azalea Golden flare exbury azalea* Heimut vogel azalea* Hersey red azalea* Hot shot azalea Hume azalea* Inga azalea* frene Koster azalea President Clay azalea Ftradition azalea Sumac, African Ramanas rose Rosemary Japanese skimmia Reeve's skimmia Anthony Waterer spiraea Dolchia spiraea Japanese alpine spiraea Shirobana spiraea Bridal wreath Chinese lilac Lilac, common* Yew, Japanese Cape honeysuckle Testroemia, Japanese Emerald arborvitae Globosa-globe arborvitae Little giant-dwarf arborvitae Nigra-dark American arborvitae Pyramidalis arborvitae Rheingold arborvitae Techny arborvitae* Woodwardii arborvitae Aureus nana-dwarf golden arborvitae Minima glauca-dwarf arborvitae Christmas palm* Pink dawn vibumum David vibumum Vibumum* Wayfaring tree* Common snowball vibumum* Doublefile vibumum Tea vibumum* Spring bouquet vibumum* Cranberry bush Dwarf cranberry bush Vibumum Bristol ruby weigela Java red weigela Mittler weigela Xylosma Yucca Groundcovers / Perennials Scientific Name Common Name Beechgrass Cape weed* Variagated carex Ice plant largeleaf*
Pieris japonica x forestii Pinus mugo Pittosporum tobira Plumbago ariculata Plumbago capensis Podocarpus macrophyllus Polystichum polyblepharum Potentilla fragiformis Potential fruticosa Potentilla verna Prunus glandulosa Pyracantha fortuneana Raphiolepis indica Raphiolepis ovata Rhododendron calendulaceum Rhododendron campylocarpum Rhododendron carolinianum xdaurium Rhododendron catawbiense Rhododendron caucium x ponticum Rhododendron exbury Rhododendron forrestii repens Rhododendron forrestii x Griersonianum Rhododendron griffithianum Rhododendron hybrid spp. Rhododendron impeditum Rhododendron indica Rhododendron indica Rhododendron kaempferi Rhododendron kerume	Gold drop potentilla* Goldfinger potentilla Red ace potentilla Sunset potentilla Tangerine potentilla Spring cinquefoil Dwarf pink flowering almond Lolendei Monrovia pyracantha Monon pyracantha* Red elf hybrid pyracantha* Rutger's hybrid pyracantha Santa Cruz pyracantha Victory pyracantha* Charisma-Monruce raphiolepis Enchantress-Monness raphiolepis* Raphiolepis (India hawthorn) Springtime-Monme raphiolepis* Roundleaf raphiolepis Canon's double azalea Flame azalea* Golden flare azalea Klondike azalea Butterfly rhododendron* PJM rhododendron Catawba album rhododendron Catawba rhododendron Lord Roberts rhododendron Rocket rhododendron Cunningham White rhododendron Cannon's double azalea Golden flare azalea Klondike azalea Gomer Waterer rhododendron Elizabeth rhododendron Jean Marie rhododendron America rhododendron English Roseum rhododendron* Nova Zemia rhododendron Scintillation rhododendron Rhododendron Formosa azalea Waucabusa azalea Blue Danube azalea Coral bells azalea; Hino crimson azalea; Hino pink azalea; Mildred azalea; Snow azalea		
May Be Used on the Following: Established Tree, Shrub and Ground Cover Species grown in containers or in the field. Treat only Field Grown if species has Asterisk*			
Scientific Name Rhododendron maximum	Common Name Rhodie max (rosebay)		

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Groundcovers / Perennials

List Continued

<u>Scientific Name</u>	<u>Common Name</u>
Cortaderia selloana	Pampas grass
Delospenna alba	White iceplant*
Descampsia caespitosa	Descampsia
Drosanthemum floribundum	Trailing rosea iceplant*
Drosanthemum hispidum	Iceplant
Festuca ovina glauca	Blue fescue
Gazania spp.	Gazania
Hakonechloa macroaureola	Golden hakonechloa
Hedera canariensis	Ivy, Algerian*
Hedera helix	Ivy, English
Hemerocallis spp.	Daylily
Hosta lancifolia	Albo-marginata hosta
Hypericum spp.	St. Johnswort
Jasminum nitidum	Angelwing jasmine
Lampranthus spectabilis	Trailing iceplant*
Liriope gigantea	White lily turf
Liriope muscari	Lilac beauty lily turf
	Majestic lily turf
	Monroe white lily turf
	Silvery sunproof lily turf
	Variiegated friope lily turf
	Big blue lily turf
Liriope spicata	green/creeping lily turf
Lonicera japonica	Honeysuckle, Japanese*
Miscanthus sinensis	Eulalia grass
Ophiopogon japonicus	Dwarf Mondo grass
	Mondo grass
Pachysandra terminal	Japanese spurge
Pennisetum alopecuroides	Fountain grass
Phalaris arundinacea picta	Ribbon grass
Trachelospermum asiaticum	Asian jasmine
Vinca major	Periwinkle, bigleaf
Vinca minor	Periwinkle, dwarf*
Vinca spp.	Periwinkle*

Non-bearing Fruit and Nut Trees and Non-bearing Vineyards

Common plant names – Treat only field grown plants

Almond*	grapefruit*
Apple*	kiwi*
Apricot*	lemon*
Avacado*	loganberry*
Blackberry	macadamia nut*
Blueberry	nectarine*
Boysenberry*	olive* orange*
Cherry*	peach*
Sour Cherry*	pear*
Sweet currant*	pecan*
Dewberry	pistachio*
Elderberry*	plum*
Fig*	pomegranate*
Filbert*	prune*
Gooseberry*	raspberry*
Grape, American*	walnut, black*
Grape, European*	walnut, English*

Non-bearing plants are defined as plants which will not bear fruit for at least one year after treatment. Ornamental bulbs. Do not use **Weed-Free 111** in bulb production fields. For use in landscape settings only. Controls susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil(narcissus), Hyacinth and tulip. Apply **Weed-Free 111** to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. **Weed-Free 111** may also be applied following bulb emergence (but prior to flowering) and after flowering. For fall planted bulbs, apply **Weed-Free 111** again in late winter or early spring to weed-free soil surfaces.

Special Use Precautions

Do not apply to tulip plants that have emerged to a height greater than ¼ of an inch. Do not apply to gladiolus prior to emergence or if coms are less than one inch in diameter. Do not apply to bulbs while they are flowering.

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Shadehouse Areas

Weed-Free 111 may be applied in open shadehouse-type structures where the natural flow of air is unimpeded. Do not apply in enclosed greenhouses or in enclosed shadehouse-type structures. Do not apply within three weeks prior to enclosing greenhouse or poly-type structures.

Non-cropland

Weed-Free 111 may be used for control of certain broadleaf weeds and annual grasses on non-cropland areas such as industrial sites, utility substations, highway guard rails, sign posts, delineator's, etc. Apply **Weed-Free 111** anytime prior to germination of target weeds. Areas to be treated should be free of established weeds, or existing weeds should be controlled with postemergence herbicides.

Refer to the "General Information" section of this label for General Use Precautions and information on Application, Application Rates and Weeds controlled.

NOTIFICATION

APR 10 2009

Warranty

Harrell's, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. Harrell's, Inc. **MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

It is impossible to eliminate all risks associated with the use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc) abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes) presence of other materials, the manner of application, or other factors, all of which are beyond the control of Harrell's, Inc., or the seller. All such risks shall be assumed by the buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at Harrell's, Inc., election of one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

Harrell's, LLC shall not be liable for losses or damages resulting from handling or use of this product unless Harrell's, LLC is promptly notified of such loss or damage in writing. In no case shall Harrell's, LLC be liable for consequential or incidental damages or losses. The terms of the "Warranty Disclaimer" above and this "Limitation of Remedies" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Harrell's, Inc. or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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

Net Weight 50 Pounds

Batch No:

