

52287-13

10/06/2003

1/9

OCT - 6 2003

Robert F. Bischoff
Harrell's Inc.
P.O. Office Box 807
Lakeland, FL 33802

Dear Mr. Bischoff:

SUBJECT: Weed Free One Eleven
Label Amendment
EPA Registration No. 52287-13 ✓
Your Application Dated July 10, 2003

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the following changes:

1. You must use Storage and Disposal instructions from PR Notice 83-3 not 2001-6, product is not intended for use by homeowners.

The amended label supersede all previously accepted ones. A stamped copy is enclosed for your records. Please submit one copy of your printed label incorporating the revision specified above, before you release the product for shipment.

Sincerely yours,



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

Enclosure

WEED-FREE ONE ELEVEN

ACCEPTED
with COMMENTS
In EPA Letter Dated
OCT 6 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
52287-13

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

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 vaporproof 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.

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.

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.

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 signs 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.

WEEDFREE 111

WEEDS CONTROLLED

Weeds Controlled at 1000 lbs/acre

Common Name

Scientific Name

aster, slender
barnyardgrass
bluegrass, annual
bursage, annual
celery, wild
chickweed, common

Aster exilis
Echinochloa crus-galli
Poa annua
Ambrosia acanthicarpa
Apium, leptohyllum
Stellaria media

Weeds Controlled at 1000 lbs/acre

List continued

Common Name
 clover white
 crabgrass
 cudweed, purple
 cupgrass, southwestern
 fiddleneck, coast
 filaree, redstem
 fleabane, blackleaved
 fleabane, dwarf
 foxtail, yellow
 groundcherry, lanceleaf
 henbit
 horseweed
 junglerice
 knotweed, prostrate
 lambsquarters, common
 mallow, little
 mustard, Indian
 mustard, void
 nightshade, black
 oat, wild
 ranunculus, fall
 rattleweed, Virginia
 pigweed
 pineappleweed
 plantain, slender
 purslane, common
 radish, wild
 ragweed, common
 rocket, London
 rockpurslane, desert
 shepherdspurse
 sibara
 smartweed, Pennsylvania
 sawthistle, annual
 speedwell, purslane
 sprangletop, Mexican
 telegraphplant
 thistle, russian
 witchgrass

Scientific Name
 Trifolium repens
 Digitaria spp.
 Gnaphalium purpureum
 Eriochloa gracilis
 Amsinckia intermedia
 Erodium cicutarium
 Conyza bonariensis
 Conyza ramosissima
 Setaria glauca
 Physalis lanceifolia
 Lamium amplexicaule
 Conyza Canadensis
 Echinochloa colonum
 Polygonum aviculare
 Chenopodium album
 Malva parviflora
 Brassica juncea
 Sinapis arvensis
 Solanum nigrum
 Avena fatua
 Panicum dichotomiflorum
 Lepidum virginicum
 Amaranthus spp.
 Mafficaria mafficarioides
 Plantago elongata
 Portulaca oleracea
 Raphanus raphanistrum
 Ambrosia artemisiifolia
 Sisymbrium irio
 Calandrinia ciliata
 Capselia bursa-pastoris
 Sibara virginica
 Polygonum pensylvanicum
 Sanchus oleraceus
 Veronica peregrina
 Leptochloa univervia
 Heterotheca grandiflora
 Salsola iberica
 Panicum capillare

Weeds Controlled at 1,500 lbs/acreCommon Name

Aster, heath
 bittercress
 Bittercress, hairy
 Brassbuttons, southern
 Carrot, wild
 Chamberbitter
 Chickweed, mouseear
 Dandelion
 Eclipta
 Foxtail, giant
 Galinsoga, hairy
 Geranium, Carolina
 Groundsel, common
 Ladythumb
 Lettuce, prickly
 Lovegrass
 Mallow, dwarf
 Maretail
 Mayweed
 Morningglory, ivyleaf
 Mustard, black
 Pennywort
 Phyllanthus, long-stalk
 Plantain, bracted
 Plantain, broadleaf
 Plantain, buckhorn
 Pokeweed, common
 Rockpurslane, redmaids
 Ryegrass, annual
 Sida, prickly

Scientific Name

Aster ericoides
 Cardamine oligospenna
 Cardamine hirsute
 Colula australis
 Daucus carota
 Phyllanthus urinaria
 Cerasium vulgatum
 Taraxacum officinate
 Eclipta prostrata
 Setaria faberi
 Galinsoga ciliata
 Geranium carolinianum
 Senecio vulgaris
 Polygonum persicana
 Lacutca seffiola
 Eragrostis spp.
 Malva rotundifolia
 Hippuris vulgaris
 Anthemis cotula
 Ipomoea hederacea
 Brassica nigra
 Hydrocotyle spp.
 Phyllanthus tenellus
 Plantago aristata
 Plantago major
 Plantago lanceolata
 Pnytolacca Americana
 Calandrinia ciliate var. menziesii
 Lolium multiflorum
 sida spinosa

Weeds Controlled at 1,500 lbs/acre

List continued

Common Name
 Sorrell, red
 Speedwell, thymeleaf
 Spurge, hyssop
 Spurge, spotted
 Sweetclover, yellow
 Tansymustard, green
 Velvetleaf
 Woodsorrel, yellow

Scientific Name
 Rumex acetoselia
 Veronica serpyllifolia
 Euphorbia hyssopifolia
 Euphorbia maculata
 Meililotus officinalis
 Descurainia pinnata
 abutilon theophrasti
 Oxalis strictas

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

Common Name
 barley, hare
 bromegrass
 burclover, California
 cheat
 datura
 dogfennel
 eveningprimrose
 fescue, rattail
 filaree, whitestem
 goosefoot, nettieleaf
 goosegrass
 Jimsonweed
 knotweed, silversheath
 kochia
 medic, black
 mullein, turkey
 nettle, burning
 nettle, stinging
 oxtongue, bristly
 pimpemel, scarlet
 sandbur, field
 signalgrass
 sawthistle, spiny
 spurge, prostrate
 stinkgrass
 sunflower
 swinecress
 thistle, musk
 willoweed, panicle
 woodsorrel, creeping

Scientific Name
 Hordeum leponnum
 Bromus spp.
 Medicago polymorpha
 Brumus secalinus
 Datura spp.
 Eupatorium capillifolium
 Oenothera spp.
 vulpia myuros
 Erodium moschatum
 Chenopodium murale
 Eleusine indica
 Datura stramonium
 Polygonum argyrocoleon
 Kochia scoparia
 Medicago lupulina
 Eremocarpus setigerus
 Urtica urens
 Urtica dioica
 Picris echioides
 Anagallis arvensis
 Cenchrus incertus
 Brachiaria spp.
 Sonchus asper
 Euphorbia humistrata
 Eragrostis cilianensis
 Helianthus spp.
 Coronopus didymus
 Carduus nutans
 Epitobium paniculatum
 Oxalis comiculata

Weeds Partially Controlled or Suppressed at 2000 lbs/acreCommon Name

bindweed, field
 carpetweed
 dock, curly
 johnsongrass (seedling)
 mallow, Venice
 milkweed, honeyvine
 morningglory, tall
 panicum, Texas
 pusley, Florida
 shattercane

Scientific Name

Convolvulus arvensis
 Mollugo verticillata
 Rumex crispus
 Sorghum halepense
 Hibiscus trionum
 Ampelamus albidus
 Ipomoea purpurea
 Panicum texanum
 Richardia scabra
 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 grown) 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.

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 papyffera	Paper birch
Brachychiton populneus	Bottle tree
Bucida buceras	Black olive
Ceratonia siliqua	Carob*
Cercis Canadensis	Redbud
Chamaecyparis obtuse	Filicoides-femrspray cypress*
Chamaecyparis obtuse	Gracilis-slender hinoki cypress*
Chamaecyparis pisifera	Sawara-false 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*
Eucalyptus microtheca	Coolibah tree

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*
	Shademaster 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*
	Glauca-Colorado 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	Eldericia 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 deltoidis	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 caratba	Yellow tab*
Tsuga Canadensis	Eastern hemlock
Ulmus parvifolia	Chinese elm*
Washingtonia robusta	Mexican fan palm*
	Shrubs
<u>Scientific Name</u>	<u>Common Name</u>
Abella 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	Astibefalse spiraea
Athyllum nipponincum	Japanese painted fern
Baccharis pilularis	coyotebush*
Berberis gladdens	William Penn barberry
Berberis mentorensis	Mentor barberry

Shrubs
List Continued

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

Shrubs
List Continued

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

Shrubs
List Continued

Scientific Name

Nerium oleander

Osmanthus fortunei
Phoenix rostrata
Photinia fraseri
Pieris japonica

Pieris japonica x forestii
Pinus mugo
Pittosporum tobira

Plumbago ariculata
Plumbago capensis
Podocarpus macrophyllus
Polystichum polyblepharum
Potentilla fragiformis
Potentilla fruticosa

Potentilla verna
Prunus glandulosa
Pyracantha fortuneana

Rhaphiolepis indica

Rhaphiolepis ovata
Rhododendron calendulaceum

Rhododendron campylocarpum
Rhododendron carolinianum x dauricum
Rhododendron catawbiense

Rhododendron caucasicum x ponticum
Rhododendron exbury

Rhododendron forestii repens
Rhododendron forestii x griersonianum
Rhododendron griffithianum
Rhododendron hybrid spp.

Rhododendron impeditum
Rhododendron indica
Rhododendron indica
Rhododendron kaempferi
Rhododendron kerume

Common Name

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*
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-Moness raphiolepis*
Rhaphiolepis (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 Zembla 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)

20030710.Amended Label

Shrubs
List Continued

Scientific Name

Rhododendron mucronulatum
Rhododendron obtusum
Rhododendron ponticum
Rhododendron ponticum
Rhododendron racemosum

Rhododendron sassthigiafium x carolinianum
Rhododendron satuski

Rhododendron ssp. hybrids

Rhus lancea
Rosa rugosa
Rosmarinus officinalis
Skimmia japonica
Skimmia revesiana
Spiraea bumalda
Spiraea japonica

Spiraea vanhouttei
Syringa rothomagensis
Syringa vulgaris
Taxus cuspidate
Tecomania capensis
Temstroemia gymnanthera
Thuja occidentalis

Thuja occidentalis
Thuja orientalis

Veitchia merrily
Viburnum bodnantense
Viburnum davidi
Viburnum japonicum
Viburnum lantana
Viburnum opulus sterile
Viburnum plicatum torrentosum
Viburnum setigerum
Viburnum tinus compactum
Viburnum trilobum
Viburnum trilobum compactum
Viburnum x pragense
Weigela florida

Xylosma congestum
Yucca filamentosa

Groundcovers / Perennials

Scientific Name
Ammophila brevigulata
Arctotheca calendula
Carex spp.
Carpobrotus edulis

Common Name

Rhododendron
Hino-crimson azalea
Chionoides 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
Nigre-dark American arborvitae
Pyramidalis arborvitae
Rheingold arborvitae
Techny arborvitae*
Woodwardii arborvitae
Aureus nana-dwarf golden arborvitae
Minima glauca-dwarf arborvitae
Christmas palm*
Pink dawn viburnum
David viburnum
Viburnum*
Wayfaring tree*
Common snowdrift viburnum*
Doublefile viburnum*
Tea viburnum*
Spring bouquet viburnum*
Cranberry bush
Dwarf cranberry bush
Viburnum
Bristol-ruby weigela
Java red weigela
Minuet weigela
Xylosma*
Yucca

Common Name
Beechgrass
Cape weed*
Variagated carex
Ice plant largeleaf*

Groundcovers / Perennials

List Continued

<u>Scientific Name</u>	<u>Common Name</u>
Cortaderia selloana	Pampas grass
Delosperma 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 flope 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
Trachelospemum 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 3/4 of an inch. Do not apply to gladiolus prior to emergence or if corns are less than one inch in diameter. Do not apply to bulbs while they are flowering.

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.

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, Inc. shall not be liable for losses or damages resulting from handling or use of this product unless Harrell's, Inc. is promptly notified of such loss or damage in writing. In no case shall Harrell's, Inc. 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, Inc.
 P. O. Box 807
 Lakeland, FL 33802

Net Weight 60 Pounds

