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AUG - 8 1995

Mr. James A. Armbruster, Ph.D.
PBI/Gordon Corporation
1217 West 12th Street
P.O. Box 4090
Kansas City, Missouri 64101-1407

Dear Dr. Armbruster:

SUBJECT: Label Amendment to Add New Use Sites (Zoysiagrass and Tall Fescue)
Ornamec
EPA Registration No. 2217-728
Your Application Dated July 10, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following comments:

1. The table under "Spot Treatments" specifies that 1/3 fl. oz. of nonionic surfactant should be used to make a 1 gallon spray volume. The previously accepted label for this product and the cited Fusilade Turf and Ornamental Herbicide (EPA Reg. No. 10182-104) product label specify 1/2 fl. oz. of nonionic surfactant to make this spray volume. If the 1/3 fl. oz. figure on the submitted label is a typographical error, you should correct it.
2. We note that since May, 1990, you have included a groundwater advisory statement on the subject product label. EPA does not currently require a groundwater advisory for products containing fluazifop-P-butyl. If you have data or information which indicates a groundwater contamination concern for Ornamec, you should submit it to the Agency for review. If not, you may wish to delete this statement from the product label.

RD:STANTON:PM Team 23:Rm. 235:305-5218:Disk #1:S490619.LET

CONCURRENCES

| | | | | | | | | |
|-----------|-------------|--|--|--|--|--|--|--|
| SYMBOL ▶ | 7505C | | | | | | | |
| SURNAME ▶ | S. Stanton | | | | | | | |
| DATE ▶ | Aug 8, 1995 | | | | | | | |

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A stamped copy is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7509C)

Enclosure

ORNAMEC®

Control Grass in Ornamentals, Nurseries & Landscaping

*See label directions for species not to be sprayed over-the-top

ACTIVE INGREDIENT:

| | |
|---|---------------|
| Fluazifop-P-butyl: Butyl(R)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate | 6.75% |
| INERT INGREDIENTS..... | <u>93.25%</u> |
| TOTAL | 100.00% |

*Contains 0.50 pound (+) isomer (fluazifop-P-butyl) per gallon.
ORNAMEC® is a registered trademark of PBI-Gordon Corporation.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN: Wash thoroughly with plenty of soap and water. Get medical attention.

See back panels for additional precautionary information.

NET CONTENTS ONE U.S. QUART (32 FL. OZ.)
OR (1 PT., ½ GAL., 1 GAL., 2½ GAL.)

678/ APXXXXXX
EPA REG NO 2217-728
EPA EST NO 2217-KS-1 or
EPA EST NO 2217-KS-2

MFD BY PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101

ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG - 8 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2217-728

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

4/07/17

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

CAUTION: HARMFUL IF ABSORBED THROUGH SKIN OR INHALED. CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers (other than mixers and loaders) must wear: long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton, and shoes plus socks.

Mixers and Loaders must wear: long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton, shoes plus socks, protective eyewear, and chemical resistant apron when mixing or loading.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- ◆ Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- ◆ 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.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

GROUNDWATER ADVISORY: Residues of fluazifop-P-butyl can seep or leach through soil and can contaminate groundwater which may be used as drinking water. Users are advised not to apply fluazifop-P-butyl where the water table (groundwater) is close to the surface and where the soils are very permeable, i.e., well drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This labeling must be in the possession of the user at the time of application.

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 on this label about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

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, wear: coveralls, chemical resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton, and shoes plus socks.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

STORAGE: Store in original container only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

— GENERAL INFORMATION —

ORNAMEC® is a selective postemergence herbicide for control of annual and perennial grass weeds. ORNAMEC® does not control broadleaf weeds or sedges (nutgrass).

Control Symptoms — ORNAMEC® is a systemic herbicide which moves from the treated foliage into the shoots, roots, rhizomes, stolons, and growing points (meristematic regions) of treated grass weeds. Excellent control of a wide range of annual and perennial grass weeds will be obtained with ORNAMEC® when applied as recommended on this label.

Growth of treated grass weeds stops soon after application. Symptoms include loss of vigor, yellowing and/or reddening, and eventual death to the treated grass plant. Symptoms are generally observed within one to three weeks, depending on grass weed species and environmental conditions.

ORNAMEC® can be used to control grass weeds in many newly transplanted and established nongrassy ornamentals, trees, shrubs and groundcovers. See the following Tables I through IV for specific recommended uses.

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Application of ORNAMEC® may be made over-the-top to ornamentals listed in Table I. Plants listed in Tables II through IV should have a directed spray applied to prevent contact of spray with foliage. If the growth habit of the plant or other factors do not allow a directed spray, an over-the-top application can be made to plants in Table II through IV. However, there is the possibility of damage in the range listed for each table when applied at label rates.

DO NOT APPLY TO ORNAMENTS THAT MAY BE HARVESTED FOR FOOD WITHIN ONE YEAR AFTER APPLICATION.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

NOTICE TO BUYER AND USER: It is impossible to test every species and variety or cultivar of ornamental or nursery plants under all conditions. Plant tolerance of pesticides vary as conditions vary. Plant tolerance of ORNAMEC® at label rates has been found to be acceptable within the ranges specified for the indicated genera and species. Neither the manufacturer nor the seller has determined whether or not ORNAMEC® can safely be used on plants not specified on this label. The professional user should determine if ORNAMEC® can be used safely prior to use.

— APPLICATION DIRECTIONS —

TIMING - For ornamental use apply to actively growing grass weeds before they exceed the recommended growth stages shown below.

Do not apply ORNAMEC® herbicide if rainfall is expected within 1 hour.

ALWAYS ADD A NONIONIC SURFACTANT containing at least 75% surface wetting agent at 0.25% vol./vol. (½ pint per 25 gallons) of finished spray volume.

—SPOT TREATMENTS—

Mix ORNAMEC® and nonionic surfactant with water according to the amounts shown below. Spray to obtain thorough coverage, but do not spray to runoff. Retreat if necessary.

| To Make This Spray Volume | Add These Amounts ⁽¹⁾ | |
|------------------------------|----------------------------------|---------------------|
| | ORNAMEC® | Nonionic Surfactant |
| 1 gallon | 2.5 fl. oz. (4.5 tablespoons) | 1/3 fl. oz. |
| 10 gallon | 26 fl. oz. | 3 fl. oz. |
| 25 gallon | 64 fl. oz. | (½ pint) |
| 50 gallon | 128 fl. oz. | (1 pint) |

⁽¹⁾ 1 fluid ounce (fl. oz.) = 2 tablespoons = 6 teaspoons

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ANNUAL AND PERENNIAL GRASS CONTROL RECOMMENDATIONS

- Use 64 to 96 fluid ounces of ORNAMEC® herbicide per acre and 0.25% (½ pint per 25 gallons) of a nonionic surfactant. For perennial grasses, use 96 fluid ounces of ORNAMEC® per acre per application and three applications will be needed.
- Spray to obtain thorough coverage of grass foliage, but not to runoff. Repeat treatments may be necessary to provide full season control.
- Use standard pesticide hollow cone or flat fan nozzles.
- Apply ORNAMEC® herbicide to actively growing grasses before they exceed the recommended growth stages shown below.
- Do not apply ORNAMEC® herbicide to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury.
- Do not apply to grasses which have tillered, formed seedheads, or exceeded recommended growth stages.
- Apply ORNAMEC® herbicide when the first grass species in a mixed grass weed population reaches the recommended growth stage for treatment.

ADDITIONAL GRASS CONTROL

ORNAMEC may be also be used to suppress and eventually control some undesirable grasses in turf areas (except commercial sod farms).

To control common bermudagrass and hybrid bermudagrass, follow the directions below:

OVER-SPRAY ZOYSIA:

Apply 12-16 fl.oz. of this product per acre with a nonionic surfactant. Applications should be made in late spring (around June 1) and repeated at 28-30 days. Late summer application rates can be reduced to 8-12 fl. oz. of product as bermudagrass is preparing for dormancy. During hot summer weather, the rates could be increased to 16-20 fl. oz. of product per acre.

NOTE: The 20 fl.oz. rate could cause temporary turf discoloration.

OVER-SPRAY TALL FESCUE:

Apply 20-24 fl.oz. of product per acre. The first application should be made in early spring (April/May) when bermudagrass is breaking dormancy. The second application should be during September/October when bermudagrass is preparing for dormancy. Applications during the hot months of summer should be avoided.

NOTE: This application will show slight discoloration to desirable turfgrass. Desirable grasses should recover within 10-14 days. Weather and cultural treatments can also affect applications. Use a minimum spray volume of 30 gallons of water per acre.

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ANNUALS

GRASS SPECIES - Growth Stage: 2 to 8 inches tall, before tillering and/or heading.

- Barnyardgrass (Echinochloa crusgalli)
- Broadleaf signalgrass (Brachiaria platyphylla)
- Crabgrass, Large (Digitaria sanguinalis)
- Crabgrass, Smooth (Digitaria ischaemum)
- Fall Panicum (Panicum dichotomiflorum)
- Field sandbur (Cenchrus pauciflorus)
- Foxtail, giant (Setaria faberi)
- Foxtail, green (Setaria viridis)
- Foxtail, yellow (Setaria lutescens)
- Goosegrass (Eleusine indica)
- Guineagrass, seedling (Panicum maximum)
- Itchgrass (Rottboellia exaltata)
- Johnsongrass, seedling (Sorghum halepense)
- Junglerice (Echinochloa contracta)
- Prairie cupgrass (Eriochloa contracta)
- Red rice (Oryza sativa)
- Shattercane/Wildcane/Volunteer milo (Sorghum bicolor)
- Southern sandbur (Cenchrus echinatus)
- Southwester cupgrass (Eriochloa gracilis)
- Texas panicum (Panicum texanum)
- Volunteer barley (Hordeum vulgare)
- Volunteer oats (Avena fatua)
- Volunteer rye (Secale cereale)
- Volunteer corn (Zea mays)
- Volunteer wheat (Triticum aestivum)
- Wild oats (Avena fatua)
- Wild proso millet (Panicum milliaceum)
- Witchgrass (Panicum capillare)
- Woolly cupgrass (Eriochloa villosa)

PERENNIALS*

| Grass Species | Growth Stage |
|---|---|
| Bermudagrass (<u>Cynodon dactylon</u>) | 4 to 8 inch runners |
| Guineagrass (<u>Panicum maximum</u>) | 6 to 12 inches tall before seedhead initiation |
| Quackgrass (<u>Agropyron repens</u>) | 6 to 10 inches |
| Rhizome johnsongrass (<u>Sorghum halepense</u>) | 8 to 18 inches tall and before boot stage |
| Torpedograss (<u>Panicum repens</u>) | 3 to 6 inches tall (first application) 2 to 3 inches tall (subsequent application) |
| Wirestem muhly (<u>Muhlenbergia frondosa</u>) | 4 to 12 inches tall before seedhead initiation |

*Use 96 fluid ounces/A/application. Three applications will be needed.

TABLE I
OVER-THE-TOP APPLICATIONS may be applied to the following ornamentals:
Use a nonionic surfactant.

| Scientific Name | Common Name/Variety |
|--------------------------------|---|
| Abelia grandiflora | Glossy abelia |
| Abies concolor | Concolor fir |
| Abies procera | Noble fir |
| Acacia redolens | Acacia ongerops |
| Acacia salacina | Willow-leaved acacia |
| Acacia saligna | Willow acacia |
| Acacia schafneri | Jim wheat acacia |
| Acacia stenophylla | Shoe-string acacia |
| Acer palmatum | Maple/japanese |
| Acer platanoides | Norway maple |
| Acer saccharinum | Silver maple |
| Achillea filipendulina | Coronation gold, fernleaf yarrow |
| Achillea millefolium | Common yarrow |
| Acrecastrum romanzoffianum | Queen palm |
| Agapanthus africanus | Peter pan lily of the Nile |
| Agave americana | Century plant |
| Ageratum sp | |
| Aglaonema commutatum | Silver Queen evergreen, Fransher evergreen, Treubili Ribbon evergreen |
| Aglaonema crispum | Painted evergreen |
| Alcea rosea | Hollyhock |
| Allium schoenoprasum | Chives |
| Aloe barbadensis | Barbados aloe |
| Aloe vera | |
| Aloe zanzibarica | |
| Alyssum sp. | |
| Araucaria heterophylla | Norfolk Island pine |
| Arctostaphylos uva-ursi | Red bearberry |
| Arctotheca calendula | Capeweed |
| Arenaria verna | Sandwort |
| Asparagus densiflorus | Sprengeri, Myres asparagus, Sprenger asparagus |
| Astilbe x arendsii | Faise spirea |
| Atriplex sp | Saltbrush |
| Aucuba japonica | Aucuba |
| Aucuba japonica variegata | |
| Berberis mentorensis | Mentor barberry |
| Berberis thunbergii | Crimson pygmy |
| Bougainvillea sp. | Raspberry ice |
| Buxus microphylla koreana | Korean boxwood |
| Buxus microphylla var japonica | Japanese boxwood |
| Buxus sempervirens | Welleri, Common boxwood |
| Caesalpinia cacalaco | |
| Caesalpinia gilliesii | Bird of paradise |
| Calendula sp. | Marigold |
| Callistemon lanceolatus | Bottle-brush |
| Calluna vulgaris | Scotch heather |
| Camellia japonica | Camellia |
| Camellia sasanqua | Sansanqua camellia |
| Campanula carpatica | Bellflower |
| Carissa grandiflora | Natal plum |
| Carissa tuttlei | |
| Carnegiea gigantea | Saguaro cactus |
| Cassia artemisiodes | Feathery cassia |
| Cassia didymobotrya | African cassia |
| Cassia sturtii | |

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Centaurea cineraria)
 Cerastium tomentosum
 Ceratonia siliqua
 Cercis canadensis
 Chamaecyparis obtusa
 Chamaecyparis lawsoniana
 Chamaecyparis pisifera
 Chamaerops excelsa
 Chamaerops humilis
 Chrysalidocarpus lutescens(Small)
 Chrysanthemum x superbum
 Cissus rhombifolia
 Cistus hybridus
 Citrus aurantium
 Citrus paradisi
 Clerodendrum speciosum
 Cleyera spp
 Clivia miniata
 Cocos plumosa
 Codiaeum variegatum
 Coffea arabica
 Coleus x hybridus
 Convolvulus oneorum
 Coprosma baueri
 Coprosma repens
 Cordyline terminalis
 Coreopsis verticillata
 Cornus florida
 Cornus mas
 Cornus sericea
 Cotoneaster apiculata
 Cotoneaster dammeri
 Cotoneaster divaricatus
 Cotoneaster microphyllus
 Cotoneaster repens
 Cotoneaster salicifolius franch
 Crossandra nilotica
 Cupressus sempervirens
 Cycus revoluta
 Deutzia gracilis
 Dianthus barbatus
 Dieffenbachia amoena
 Diervilla lonicera
 Dodonea viscosa purpurea
 Echinocactus sp.
 Elaeagnus angustifolia
 Encelia farinosa
 Erythrina fusca
 Escallonia fradessi
 Escallonia rubra
 Eucalyptus microtheca
 Eucalyptus polyanthemos
 Eucalyptus rostrata
 Eucalyptus spathulata
 Eucalytus rudis
 Eugenia myrtifolia
 Euonymus alata
 Euonymus fortunei
 Euonymus japonica
 Euonymus kiautschovica

Dusty miller)
 Snow in summer
 Carob tree
 Red bud
 Hinoki falsecypress
 Lawson cypress
 Sawara Cypress
 Windmill palm
 Mediterranean fan palm
 Golden fruited palm
 Shasta daisy
 Ellen Danica, grape ivy
 Rock rose
 Sour orange
 Grapefruit
 Pagoda flower
 Cleyera
 Kaffir lily
 Queen palm
 Croton
 Coffee
 Coleus
 Bush morningglory
 Mirror plant
 Variegated mirror plant
 Ti
 Threadleaf coreopsis
 Flowering dogwood
 Cornelian cherry dogwood
 Red twig dogwood, Flaviramea

 Coral beauty, Royal beauty
 Spreading cotoneaster

 Cotoneaster
 Willowleaf cotoneaster
 Crossandra
 Italian cypress
 Sago palm
 Slender deutzia
 Sweet William
 Giant dumbcane
 Bush honeysuckle
 Purple hopseed bush
 Hedgehog cactus
 Russian olive
 Bittle brush
 Fastadiata, Swamp immortella

 Gum-barked coolibah
 Red box gum
 Red gum
 Narrow-leaf gimlet
 Desert gum
 Brush cherry
 Siebold

 Silver King
 Spreading Euonymus

Euphorbia lactea)
 Euryops pectinatus
 Fatshedera lizei
 Ferocactus sp
 Ficus benjamina
 Ficus elastica decora
 Ficus macrocarpa nitida
 Ficus nitida
 Ficus repens
 Forsythia intermedia
 Forsythia sp
 Forsythia suspensa
 Forsythia x intermedia
 Fouquieria splendens
 Fragaria chiloensis
 Fraxinus velutina
 Gardenia jasminoides
 Gardenia taitensis
 Gazania splendens
 Gazania uniflora leucolaena
 Geijera parviflora
 Gelsemium sempervirens
 Geranium pratense
 Gladiolus x hortulanus
 Gleditsia triacanthos var inermis
 Graptophyllum pictum
 Grevillea robusta
 Grevillea rosmarinifolia
 Hedera canariensis
 Hedera helix
 Hedera helix hahnii
 Hemerocallis hybrids
 Hemigraphis sp
 Hesperaloe parviflora
 Hibiscus rose-sinensis
 Hibiscus syriacus
 Hosta lancifolia
 Hydrangea paniculata
 Hydrangea quercifolia
 Iberis sempervirens
 Ilex cornuta
 Ilex crenata
 Ilex glabra
 Ilex opaca
 Ilex vomitoria
 Ilex x meserveae
 Ilex x attenuata
 Iris sp
 Isoloma sp
 Ixora coccinea
 Jacaranda acutifolia
 Jacobinia ghiesbreghtiana
 Juniperus horizontalis
 Juniperus scopulorum
 Juniperus chinensis

 Juniperus conferta
 Juniperus horizontalis
 Juniperus procumbens

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 Candelebra plant)
 Fatshedera
 Barrel cactus
 Exotica weeping fig
 Rubber tree
 Indian laurel
 Indian laurel
 Creeping fig

 Weeping forsythia

 Ocotillo
 Ornamental strawberry
 Arizona ash
 Gardenia, dwarf
 Tahitian gardenia
 Gazania gold rush

 Australia willow
 Carolina jessamine
 Cranesbill
 Debbie, Jennie, Mahogany, Stargazer
 Honey locust/shade master
 Caricature plant
 Silk oak
 Spider flower
 Algerian ivy
 English ivy
 Hahn's Ivy
 Daylily
 Waffle plant/Metallic plant

 Chinese hibiscus
 Althea
 Variegated hosta
 Panicle hydrangea
 Oakleaf hydrangea
 Candytuff
 Dwarf burford holly
 Japanese holly
 Compact inkberry
 American holly
 Dwarf yaupon/Tall yaupon
 Meserve Holly
 Foster holly

 Blue star creeper
 Ixora
 Jacaranda

 Admiral
 Cologreen
 Hetzi, San Jose, Torulosa, Gold tip, Nicks compact
 juniper, Keteleeri, Hollywood, Blue Point, Blue vase
 juniper, Parsons, Gold coast juniper, Sargent juniper
 Shore juniper
 Plumosa

Juniperus sabina
 Juniperus scopulorum
 Juniperus virginiana
 Justicia spicigera
 Kochia scoparia trychophylla
 Lagerstroemia indica
 Lantana camara
 Lantana sellowiana
 Leptospermum laevigatum
 Leucophyllum frutescens
 Liatris spicata
 Ligustrum amurense
 Ligustrum ovalifolium
 Ligustrum texanum
 Ligustrum x Vicari
 Liquidambar styraciflua
 Liriope spicata
 Liriope muscari
 Livistona chinensis
 Lonicera x morrowii
 Lonicera xylosteum
 Lysiloma thornberryi
 Lysimachia nummularia
 Magnolia sp
 Magnolia stellata
 Mahonia aquifolium
 Malus floribunda
 Mesembryanthemum drosanhemum hispidum
 Mesembryanthemum lampranthus
 Mesembryanthemum lampranthus spectabilis
 Metrosideros excelsus
 Musa maurelii
 Myoporum parvifolium
 Myrica cerifera
 Nephrolepis exaltata
 Nerium oleander
 Oocanthus sp
 Olea europaea
 Olinya tesota
 Opuntia Cnolla
 Osmanthus fragrans
 Osteospermum fruticosum alba
 Pachysandra terminalis
 Passiflora pfordii
 Pelargonium domesticum
 Pelargonium peltatum
 Pennisetum setaceum
 Peperomia scandens
 Petunia sp
 Philadelphus coronarius
 Philodendron oxycardium
 Philodendron selloum
 Phoenix canariensis
 Phoenix roebelenii
 Photinia x fraseri
 Pnylostachys aurea
 Physocarpus fruticosa
 Physocarpus oculifolius
 Picea abies

12/27/17
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)
 Pepin Skandia, Buffalo
 Wichita blue
 Red cedar
 Firecracker, Mexican indigo
 Compact burningbush
 Crepe myrtle
 Bush Lantana
 Purple lantana (trailing)

 Texas sage
 Gay feather
 Amur River
 Privet/california
 Texas privet
 Vicari
 American sweetgum
 Liriope
 Green liriope/Variegated liriope
 Chinese fan palm
 Morrow honeysuckle
 Emerald mound
 Desert fern tree
 Moneywort/Wandering Sally
 Oregon Grapeholly
 Star Magnolia
 Mahonia
 Showy crabapple
 Rose ice plant
 Purple trailing ice plant
 Red spike ice plant
 New Zealand christmas tree
 Ethiopia banana
 Prostrate myoporum
 Wax myrtle
 Sword fern
 Pink, variegated, petite oleander

 Olive tree
 Ironwood
 Cholla cactus
 Osmanthus, tea olive
 White african daisy
 Japanese pachysandra
 Green palo verde
 Passion vine
 Geranium
 Ivy geranium
 Red fountain grass
 Radiator plant

 Aurea
 "Micans" velvetleaf philodendron

 Canary Island date palm
 Pygmy date palm
 Photinia
 Golden bamboo
 Gold drop, Jackmanni, Abbotswood
 Dwarf Ninebark, Nanus
 Norway Spruce

13011

Picea glauca
 Picea omorika
 Picea pungens
 Pieris japonica
 Pilea nummularifolia
 Pinus canariensis
 Pinus mugo
 Pinus nigra
 Pinus ponderosa
 Pinus resinosa
 Pinus strobiformis
 Pinus strobus
 Pinus sylvestris
 Pittosporum Tobira
 Pittosporum phillyraeoides
 Plumbago capensis
 Podocarpus gracilior
 Podocarpus macrophylla
 Polygonum capitatum
 Polyscias fruticosa
 Polystichum capense
 Potentilla fructosa
 Prosopis chilensis
 Prunus triloba
 Prunus caroliniana compacta
 Pseuderanthemum atropurpureum
 Pseudotsuga menziesii
 Pyracanta koidzumii
 Pyracantha angustifolia
 Pyracantha coccinea
 Pyracantha graberi
 Pyracantha koidzumii x coccinea
 Pyrus calleryana
 Quercus virginiana
 Raphiolepis indica
 Raphiolepis umbellata
 Rhamnus frangula
 Rhododendron "Gable Hybrid"
 Rhododendron catawbiense

 Rhododendron formosa
 Rhododendron obtusum
 Rhododendron sp

 Rhododendron yedoense
 Rneullia californica
 Rhus lancea
 Rosa Banksiae
 Rosa hybrida
 Rosa sp
 Rosmarinus officinalis prostratus
 Salix alba

Dwarf Alberta Black Hills Insata
 Serbian spruce
 Blue spruce
 Lily-of-the-valley bush
 Creeping Charlie
 Canary Island Pine
 Dwarf Swiss mountain pine
 Austrian pine/Black pine
 Wester/Ponderosa pine
 Red pine
 Mexican border pine
 Eastern white pine
 Scotch pine
 Wheelers dwarf, variegated
 Desert willow
 Cane plumbago
 African fern pine
 Yew pine
 Pink clover
 Parsley panax

 Gold drop, Primrose beauty
 Chilean mesquite
 Flowering almond
 Carolina cherry
 Purple false eranthemum
 Douglas fir
 Lodense pyracantha
 Variegated firethorn
 Scarlet firethorn, Lalandei

 Mojave firethorn
 Bradford pear
 Oak, live
 Pink lady
 Yedda/Indian hawthorn
 Tallhedge buckthorn
 Elizabeth Gable, Purple splendor, Rose greely
 Lees dark purple, Roseum elegan, Chionoides
 rhododendron, White cattawba, Roseum elegans,
 Purple elegans Roseum superbum, English roseum

 Amoenum, Coral bells
 Blaauw's pink, Rutherfordiana Constance, White
 cascade, Prize, Kluis sensation, Sweetheart, Kaempo,
 Royalty, Hahm red, Red wing, Gumpo white, Salmon
 Spray, Road runner, Tradition, Gloria, Gumpo pink,
 Greeting, Pink pearl, Pericat, Tabor, Mother's Day,
 Snow, Masasoit, Red ruffle, Delaware Valley white,
 Purple Gem, H H Hume, Stewartsonian, Hino red,
 Rosebud, Fashion, Herbert, Gibraltar, Gerard's rose,
 Boule de neige, President Lincoln
 Korean azalea/Poukhanense

 African sumar standard
 Banksia
 Hybrid tea rose
 Rose
 Rosemary dwarf
 Weeping willow

Salix matsudana
 Salvia greggii
 Sansevieria sp
 Sansevieria trifasciata
 Santolina chamaecyparissus
 Schefflera arboricola
 Schinus molle
 Schinus terebinthifolius
 Sedum brevifolium
 Sedum guatemalense
 Sedum spectabile
 Sedum x rubrotinctum
 Sempervivum tectorum
 Simmondsia chinensis
 Spiraea nipponica
 Spiraea x billiardii
 Spiraea x bumalda
 Statice sinuata
 Stenocarpus sinuatus
 Strelitzia nicolai
 Strelitzia reginae
 Syringa meyeri
 Syringa patula
 Syringa villosa
 Syzgium paniculatum
 Tagetes sp
 Taxus cuspidata
 Taxus x media
 Tecoma stans angustate
 Tecomaria capensis
 Ternstroemia gymnanthera
 Thevetia peruviana
 Thuja occidentalis

 Thuja orientalis
 Trachelospermum asiaticum
 Trachelospermum jasminoides
 Trifolium fragiferum
 Tsuga canadensis
 Viburnum dentatum
 Viburnum japonicum
 Viburnum opulus
 Viburnum odoratissimum
 Viburnum plicatum
 Viburnum suspensum
 Viburnum trilobum
 Viburnum x juddii
 Viburnum x rhytidophylloides
 Vicia sp
 Vinca major
 Vinca minor
 Washingtonia robusta
 Weigela florida
 Xylosma senticosa
 Yucca filamentosa
 Yucca gloriosa
 Yucca pendula
 Zinnia sp

Tortuosa corkscrew willow

 Moon Glow
 Hahnii/Mother-in-law's tongue
 Lavender cotton
 Manila Ripple
 California pepper tree
 Brazilian pepper tree
 Green stone crop
 Brown beam
 Sedum

 Hen and chickens
 Jojoba
 Snowmound spirea
 Billiard spirea
 Froebelii, Crispa spirea, Gold flame, Anthony Waterer
 Annual statice
 Firewheel tree
 Giant bird of paradise
 Bird of paradise
 Palibin
 Korean lilac
 James McFarlane lilac
 Australian bush cherry
 Marigold
 Japanese yew
 Thayeri yew, Hicks yew, Dense yew
 Yellow bells
 Cape honeysuckle
 Clevera
 Yellow oleander tree
 White cedar, Emerald green, Woodwardii, Techny,
 Pyramidalis, Globosa, Techny american arborvitae
 Berkman's
 Asiatic jasmine
 Star jasmine
 O'Connors legume
 Eastern hemlock
 Arrowwood viburnum
 Viburnum/japanese snowball
 Nanum
 Viburnum
 Doublefile viburnum/tomentosum
 Sandankwa viburnum
 Compact cranberrybush viburnum
 Judd
 Viburnum/willowwood
 Crown Vetch
 Periwinkle
 Myrtle, Dwarf periwinkle
 Mexican fan palm
 Newport red, Pink Weigelia

 Yucca
 Spanish dagger
 Weeping dagger

TABLE II

—DIRECTED APPLICATIONS are recommended to minimize the foliar injury of the ornamentals shown in the list below:

- When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below.
- Limited testing of the same plants has shown phytotoxicity of up to 20% when ORNAMEC® herbicide is applied over-the-top at label rates.

| Scientific Name | Common Name/Variety |
|-----------------------------|---|
| Abies fraseri | Fraser Fir |
| Acer rubrum | Maple/red |
| Ajuga variegata | Bugle weeds |
| Ajuga reptans | Variegated ajuga |
| Aquilegia hybrida | Columbine |
| Arbutus unedo | Strawberry tree |
| Begonia tweediana | Cats claw, Yellow trumpet |
| Callistemon viminalis | Weeping bottle-brush |
| Ceanothus griseus | |
| Cupressocyparis leylandii | Leyland cypress |
| Dracaena fragans | Massangearia, dracaena |
| Dracaena marginata | Tricolor dracaena |
| Eucalyptus citriodora | Lemon-scented gum |
| Feijoa sellowiana | Pineapple guava |
| Gamolepsis chrysanthemoides | |
| Gazania ringens | |
| Gladiolus x hortulanus | Gallery |
| Grewia caffra | Lavender star plant |
| Herniaria glabra | Green carpet |
| Juniperus chinensis | Pfitzerana, Nana, Spearmint, Old Gold, Prostrata, Robusta, Maney |
| Juniperus conferta | Blue Pacific |
| Juniperus horizontalis | Wiltonii, Hughes, Webberii, Variagata, Blue rug, Youngtown Compacta |
| Juniperus japonica | San Jose |
| Juniperus sabina | Tamariseifolia, Arcadia, Scandia, Broadmoor |
| Juniperus scopulorum | Weichii, Pathfinder |
| Juniperus virginiana | Sky Rocket, Grey owl |
| Lantana monteuidensis | White lantana |
| Leucothoe axillaris | Fetterbush |
| Ligustrum japonicum | Japanese privet |
| Lonicera japonica | Japanese honeysuckle |
| Nandina domestica | Heavenly bamboo |
| Nerium oleander standard | Oleander |
| Ophiopogon japonicum | Mondo grass |
| Opuntia sp | Prickly pear cactus |
| Pennisetum setaceum | Green fountain grass |
| Philodendron sp. | |
| Plumeria acuminata | Temple tree |
| Podocarpus macrophyllus | Maki |
| Potentilla verna | Spring cinquefoil |
| Rhododendron indicum | Indica |
| Rhododendron obtusum | Kurume, Eureka |
| Rhododendron sp | P J M |
| Rhoeo spathacea | Oyster plant |
| Ruellia ciliosa | Ruellia |
| Salix caroliniana | Willow |
| Spiraea x vanhouttei | Vanhoutte spirea |
| Syringa chinensis | Lilac |
| Viburnum macrocephalum | Chinese snowball |

TABLE III

— DIRECTED APPLICATIONS are recommended to minimize the foliar injury of the ornamentals shown in the list below:

- When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below.
- Limited testing of the same plants has shown phytotoxicity of up to 50% when ORNAMEC[®] herbicide is applied over-the-top at label rates.

| Scientific Name | Common Name/Variety |
|----------------------------------|-----------------------------------|
| Acacia farnesiana | Sweet acacia |
| Acacia latifolia | |
| Aptenia cordifolia | Hearts and flowers |
| Asystasia gangetica | Coromandel |
| Baccharis sarothroides | Desert broom |
| Brachychiton populneus | Bottle tree |
| Cassia condolioma | |
| Cercidium praecox | Sonoran palo verde |
| Citharexylum spinosum | Fiddlewood |
| Cordyline stricta | Cordyline |
| Cupaniopsis anacardioides | Carrot wood |
| Crassula argentea | Jade plant |
| Cyperus alternifolius | Umbrella plant |
| Dicentra spectabilis | Bleeding heart |
| Dracaena deremensis | Janet Craig/Warneckii |
| Epipremnum aureum | Marble Queen pothos |
| Eucalyptus nicholii | |
| Exococaria cochichinensis | Chinese crenate croton |
| Hibiscus lepenk | |
| Juniperus chinensis | Armstrongii |
| Juniperus scopulorum | Spiny Greek, Excelsa Strieta |
| Juniperus virginiana | Burkii |
| Justicia betonia | White shrimp plant |
| Justicia brandegeana | Shrimp plant |
| Justicia carnea | Kings crown |
| Magnolia grandiflora | Southern magnolia |
| Mesembryanthemum delosperma alba | White ice plant (trailing) |
| Odontonema strictum | Red justicia |
| Oenothera berlandieri | Mexican evening primrose |
| Pachystachys lutea | Yellow shrimp plant |
| Pedilanthus tithymaloides | Slipper flower |
| Peperomia obtusifolia | Baby rubber plant |
| Plectranthus australis | Swedish ivy |
| Polygonum capitatum | Pinkhead knotweed |
| Rhododendron indicum | Formosa |
| Rhododendron obtusum | Hersey red, Hino pink, Hincdegeri |
| Rhododendron poukhanense | Karen |
| Rhus aromatica | Fragrant sumac |
| Thunbergia laurifolia | Laurel-leaved thunbergia |
| Vaccinium ashei | Tifblue Blueberry |

TABLE IV

— DIRECTED APPLICATIONS are recommended to minimize the foliar injury of the ornamentals shown in the list below:

- When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below.
- Limited testing of the same plants has shown phytotoxicity greater than 50% when ORNAMEC® herbicide is applied over-the-top at label rates.

| Scientific Name | Common Name/Variety |
|----------------------------------|--|
| Acalypha godseffiana hertophylla | |
| Alsophia australis | Australia tree fern |
| Betula nigra | Birch/River |
| Catharanthus roseus | Madagascar periwinkle |
| Chamaecyparis pisifera | Boulevard falsecypress |
| Chlorophytum comosum | Spider plant |
| Cortaderia selloana | Pampas grass |
| Euonymus alata | Compacta |
| Juniperus chinensis | Sea Green |
| Juniperus horizontalis | Blue Chip, Prince of Wales, Bar Harbor |
| Juniperus scopulorum | Blue Haven |
| Kalanchoe fedtschenkoi | Lavender-scallops |
| Kalanchoe tubiflora | Chandelier plant |
| Physocarpus fruticosus | Katherine Dykes |
| Rhododendron obtusum | Hinocrimson |
| Setcreasea purpurea | Purple heart |
| Zebrina pendula | Wandering jew |

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The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

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