

PM 25

Reg # 2217-728

10/15

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

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

OPP Identifier Number  
238447

Application for Pesticide - Section I

1. Company/Product Number 2217-728	2. EPA Product Manager Robert Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Onamec®	PM# (PM 25)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation P.O. Box 014090 1217 West 12th Street Kansas City, MO 64101 <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. _____ Product Name _____	

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: Source: 40 CFR Part 156 Worker Protection Standard; Reduced Restricted Entry Intervals for Certain Pesticides.  
Request: The reduction of the interim Worker Protection Standard (WPS) restricted interval from 12 to 4 hours for fluazifop-P-butyl.

Section - III

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

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James A. Armbruster, Ph.D	Title Director, Regulatory Services	Telephone No. (Include Area Code) (816) 421-4070
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.		Date Application Received (Stamped)  
2. Signature 	3. Title Director, Regulatory Services	
4. Typed Name James A. Armbruster, Ph.D	5. Date May 31, 1995	

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# 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..... 93.25%

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.

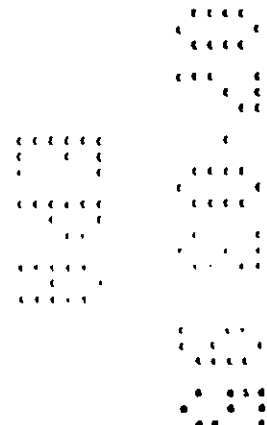
**IF ON SKIN:** Wash thoroughly with plenty of soap and water. Get medical attention.

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/ AP060195 WPS  
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



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

**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 ~~12 hours~~ 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 non-grassy ornamentals, trees, shrubs and ground covers. 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 ORNAMENTALS 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 <sup>(1)</sup>	
	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)

<sup>(1)</sup> 1 fluid ounce (fl. oz.) = 2 tablespoons = 6 teaspoons

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 seed heads, 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.

leaf's

ANNUALS

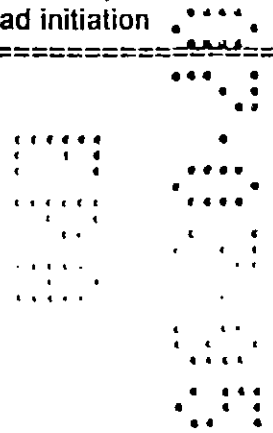
GRASS SPECIES - Growth Stage: 2 to 8 inches tall, before tillering and/or heading.

- 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)
- Wooly 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 (1st 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.



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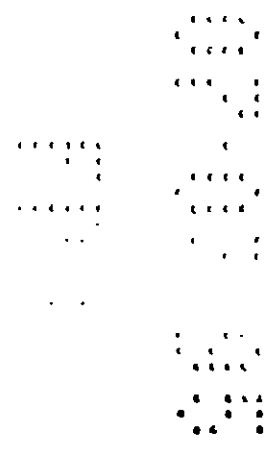
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TABLE I  
 OVER-THE-TOP APPLICATIONS may be applied to the following ornamentals:  
 Use a nonionic surfactant.

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 schafnerii	Jim wheat acacia
Acacia stenophylla	Shoe-string acacia
Acer palmatum	Maple/japanese
Acer platanoides	Norway maple
Acer saccharinum	Silver maple
Achillea filipendula	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, Treubii 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	False 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 artemisioides	Feathery cassia
Cassia didymobotrya	African cassia
Cassia sturtii	

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 fradesii  
 Escallonia rubra  
 Eucalyptus microtheca  
 Eucalyptus polyanthemus  
 Eucalyptus rostrata  
 Eucalyptus spathulata  
 Eucalytus rudis  
 Eugenia myrtifolia  
 Euonymus alata  
 Euonymus fortunei  
 Euonymus japonica  
 Euonymus kiautschovica

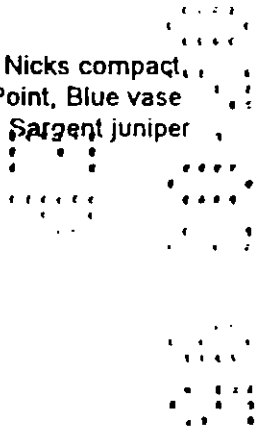
Dusty miller  
 Snow in summer  
 Carob tree  
 Red bud  
 Hinoki falsecypress  
 Lawson cypress  
 Sawara Cypress  
 Windmill palm  
 Mediterranean fan palm  
 Golden fruited palm  
 Shasta daisy  
 Ellen Danica, grape ivy  
 Rock rose  
 Sour orange  
 Grapefruit  
 Pagoda flower  
 Cleyera  
 Kaffir 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 immortelia  
  
 Gum-barked coolibah  
 Red box gum  
 Red gum  
 Narrow-leaf gimlet  
 Desert gum  
 Brush cherry  
 Siebold  
  
 Silver King  
 Spreading Euonymus





Elphorbia 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 leucociaena  
 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.  
 Isotoma sp.  
 Ixora coccinea  
 Jacaranda acutifolia  
 Jacobinia ghiesbreghtiana  
 Juniperus horizontalis  
 Juniperus scopulorum  
 Juniperus chinensis  
  
 Juniperus conferta  
 Juniperus horizontalis  
 Juniperus procumbens

Candelabra 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, Parsoni, 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 thornberii  
 Lysimachia nummularia  
 Magnolia sp.  
 Magnolia stellata  
 Mahonia aquifolium  
 Malus floribunda  
 Mesembryanthemum drosanhemum hispidum  
 Mesembryanthemum lampranthus  
 Mesembryanthemum lampranthus spectabilis  
 Metrosideros excelsus  
 Musa maurelli  
 Myoporum parvifolium  
 Myrica cerifera  
 Nephrolepis exaltata  
 Nerium oleander  
 Odocanthus sp.  
 Olea europaea  
 Olneya tesota  
 Opuntia Cholla  
 Osmanthus fragrans  
 Osteospermum fruticosum alba  
 Pachysandra terminalis  
 Parienonia aculeata  
 Passiflora pfordtii  
 Pelargonium domesticum  
 Pelargonium peltatum  
 Pennisetum setaceum  
 Peperomia scandens  
 Petunia sp.  
 Philadelphus coronarius  
 Philodendron oxycardium  
 Philodendron selloum  
 Phoenix canariensis  
 Phoenix roebelenii  
 Photinia x fraseri  
 Phyllostachys aurea  
 Physocarpus fruticosa  
 Physocarpus opulifolius  
 Picea abies

Pepin, Skandia, Buffalo  
 Witchita 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



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  
 Pyracantha 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  
 Rheullia californica  
 Rhus lancea  
 Rosa Banksiae  
 Rosa hybrida  
 Rosa sp.  
 Rosmarinus officinalis prostratus  
 Salix alba

Dwarf Alberta, Black Hills, Densata  
 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 elegans, 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, Hahn 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, Stewartstonian, 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  
 Froebeli, 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  
 Cleyera  
 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	Variiegated 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	Massangeana, 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, Webberi, 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 vanhoutteii	Vanhoutte spirea
Syringa chinensis	Lilac
Viburnum macrocephalum	Chinese snowball

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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<sup>®</sup> 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/Wameckii
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 camea	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
Pedicularis 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, Hinodegeri
Rhododendron poukhanense	Karen
Rhus aromatica	Fragrant sumac
Thunbergia laurifolia	Laurel-leaved thunbergia
Vaccinium ashei	Tifblue Blueberry

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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

**LIMITED WARRANTY AND DISCLAIMER.**

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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