

CLICK HERE TO JUMP TO USE DIRECTIONS

CLICK HERE TO JUMP TO BERMUDA & ZOYSIA DIRECTIONS

CLICK HERE TO JUMP TO BERMUDA & FESCUE DIRECTIONS



ORNAMEC[®]

OVER-THE-TOP^{*} GRASS HERBICIDE

Controls 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.
Contains petroleum distillates, xylene or xylene range aromatic solvent.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below for additional Precautionary Statements and First Aid.



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

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> 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 on skin or clothing:	<ul style="list-style-type: none"> 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 swallowed:	<ul style="list-style-type: none"> Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

(cont. on next column)

FIRST AID (continued)

If inhaled:	<ul style="list-style-type: none"> 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 treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-877-800-5556 for emergency medical treatment advice.	
Note to Physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

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. Do not apply directly to water, or 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 washwater. Do not apply when weather conditions favor drift from target area.

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 & 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.

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 ornamentals, trees, shrubs and ground-covers in noncrop areas. See the following Tables I through IV for specific recommended uses.

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-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 or 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 be used on plants not specified on this label. The professional user should determine if ORNAMEC can be used 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 TO CONTROL GRASS IN ORNAMENTALS, NURSERIES AND LANDSCAPING AREAS

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

To Make This Spray Volume	Add These Amounts*	
	ORNAMEC	Nonionic Surfactant
1 gal.	2.5 fl. oz. (5 tbsp.)	1/3 fl. oz.
10 gal.	26 fl. oz.	3 fl. oz.
25 gal.	64 fl. oz.	1/2 pint
50 gal.	128 fl. oz.	1 pint

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

ANNUAL AND PERENNIAL GRASS CONTROL RECOMMENDATIONS

- Use 64-96 fl. oz. of ORNAMEC herbicide per acre and 0.25% vol./vol. (½ pint per 25 gallons) of a nonionic surfactant. For perennial grasses, use 96 fl. oz. 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 also be used to suppress and eventually control some undesirable grasses in turf areas.

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

BERMUDAGRASS CONTROL IN ZOYSIAGRASS AND TALL FESCUE TURF:

ORNAMEC may also be used to suppress and eventually control some undesirable grasses in turf areas. To control common bermudagrass and hybrid bermudagrass, follow the directions below:

Bermudagrass Control in Zoysiagrass:

Late Spring:	Apply 12-16 fluid ounces of this product per acre with a nonionic surfactant. This application should be made around June 1 and repeated at 28-30 days. For spot treatments use ⅓ fluid ounce (2 teaspoons) of this product and ⅓ fluid ounce (2 teaspoons) of nonionic surfactant in one gallon of water to treat 1,000 square feet.
Mid Summer:	During hot summer weather use 16-20 fluid ounces of product per acre with a nonionic surfactant. For spot treatments use 0.4 fluid ounces (2½ teaspoons) of this product and ⅓ fluid ounce (2 teaspoons) of nonionic surfactant in one gallon of water to treat 1,000 square feet. NOTE: The 20 fluid ounce rate could cause temporary turf discoloration.
Late Summer:	When bermudagrass is preparing for dormancy use 8-12 fluid ounces of this product per acre with a nonionic surfactant. For spot treatments use 0.25 fluid ounces (1½ teaspoons) of this product with ⅓ fluid ounce (2 teaspoons) of nonionic surfactant in one gallon of water to treat 1,000 square feet.

Bermudagrass Control in Tall Fescue:

Apply 20-24 fluid ounces of product per acre. For spot treatment use 0.5 fluid ounce (1 tablespoon) of this product with ⅓ fluid ounce (2 teaspoons) of nonionic surfactant in one gallon of water to treat 1,000 square feet. 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 turf-grass. 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.

ANNUALS

Grass Species	Growth Stage
Barnyardgrass (<i>Echinochloa crusgalli</i>)	2-8" tall, before tillering
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)	and/or heading
Crabgrass, large (<i>Digitaria sanguinalis</i>)	
Crabgrass, smooth (<i>Digitaria ischaemum</i>)	
Fall panicum (<i>Panicum dichotomiflorum</i>)	
Field sandbur (<i>Cenchrus pauciflorus</i>)	
Foxtail, giant (<i>Setaria faberi</i>)	
Foxtail, green (<i>Setaria viridis</i>)	
Foxtail, yellow (<i>Setaria lutescens</i>)	
Goosegrass (<i>Eleusine indica</i>)	
Guineagrass, seedling (<i>Panicum maximum</i>)	
Itchgrass (<i>Rottboellia exaltata</i>)	
Johnsongrass, seedling (<i>Sorghum halepense</i>)	
Junglerice (<i>Echinochloa colonum</i>)	
Prairie cupgrass (<i>Eriochloa contracta</i>)	
Red rice (<i>Oryza sativa</i>)	
Shattercane/Wildcane/Volunteer milo (<i>Sorghum bicolor</i>)	
Southern sandbur (<i>Cenchrus echinatus</i>)	
Southwestern cupgrass (<i>Eriochloa gracilis</i>)	
Texas panicum (<i>Panicum texanum</i>)	
Volunteer barley (<i>Hordeum vulgare</i>)	
Volunteer oats (<i>Avena fatua</i>)	
Volunteer rye (<i>Secale cereale</i>)	
Volunteer corn (<i>Zea mays</i>)	
Volunteer wheat (<i>Triticum aestivum</i>)	
Wild oats (<i>Avena fatua</i>)	
Wild proso millet (<i>Panicum miliaceum</i>)	
Witchgrass (<i>Panicum capillare</i>)	
Woolly cupgrass (<i>Eriochloa villosa</i>)	

PERENNIALS*

Grass Species	Growth Stage
Bermudagrass (<i>Cynodon dactylon</i>)	4-8" runners
Guineagrass (<i>Panicum maximum</i>)	6-12" tall before seedhead initiation
Quackgrass (<i>Agropyron repens</i>)	6-10"
Rhizome johnsongrass (<i>Sorghum halepense</i>)	8-18" tall and before boot stage
Torpedograss* (<i>Panicum repens</i>)	3-6" tall (1st application) 2-3" tall (subsequent application)
Wirestem muhly (<i>Muhlenbergia frondosa</i>)	4-12" tall before seedhead initiation

*For perennial grasses, use 96 fl. oz./A/application. Three applications will be needed.

TABLE I

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

Common Name or Variety	Scientific Name
Abbottswood	Physocarpus fruticosus
Acacia ongerops	Acacia redolens
Admiral	Juniperus horizontalis
African cassia	Cassia didymobotrya
African fern pine	Podocarpus gracilior
African sumac standard	Rhus lancea
Algerian ivy	Hedera canariensis
Aloe	Aloe vera
Aloe	Aloe zanzibarica
Althea	Hibiscus syriacus
American holly	Ilex opaca
American sweetgum	Liquidambar styraciflua
Amoenum	Rhododendron obtusum
Amur River	Ligustrum amurense
Annual statice	Statice sinuata
Anthony Waterer	Spiraea x bumalda
Arborvitae	Thuja orientalis
Arizona ash	Fraxinus velutina

TABLE I (continued)

Common Name or Variety	Scientific Name
Asiatic jasmine	Trachelospermum asiaticum
Aucuba	Aucuba japonica
Aurea	Philadelphus coronarius
Australian bush cherry	Syzgium paniculatum
Australian tea tree	Leptospermum laevigatum
Australia willow	Geijera parviflora
Austrian pine/Black pine	Pinus nigra
Autumn's sage	Salvia greggii
Banksia	Rosa Banksiae
Barbados aloe	Aloe barbadensis
Barrel cactus	Ferocactus sp.
Bellflower	Campanula carpatica
Billiard spirea	Spiraea x billiardii
Bird of paradise	Caesalpinia gilliesii
Bird of paradise	Strelitzia reginae
Bittle brush	Encelia farinosa
Blaauw's pink	Rhododendron sp.
Black Hills	Picea glauca
Blue Point	Juniperus chinensis
Blue Spruce	Picea pungens
Blue star creeper	Isotoma sp.
Blue vase juniper	Juniperus chinensis
Bottle-brush	Callistemon lanceolatus
Boule de neige	Rhododendron sp.
Bradford pear	Pyrus calleryana
Brazilian pepper tree	Schinus terebinthifolius
Brazilwood	Caesalpinia cacalaco
Brown beam	Sedum guatemalense
Brush cherry	Eugenia myrtifolia
Bush honeysuckle	Diervilla lonicera
Bush lantana	Lantana camara
Bush morningglory	Convolvulus oneorum
California pepper tree	Schinus molle
Camellia	Camellia japonica
Canary Island date palm	Phoenix canariensis
Canary Island pine	Pinus canariensis
Candelabra plant	Euphorbia lactea
Candytuft	Iberis sempervirens
Cane plumbago	Plumbago capensis
Cape honeysuckle	Tecomaria capensis
Capeweed	Arctotheca calendula
Caricature plant	Graptophyllum pictum
Carob tree	Ceratonia siliqua
Carolina cherry	Prunus caroliniana compacta
Carolina jessamine	Gelsemium sempervirens
Century plant	Agave americana
Chilean mesquite	Prosopis chilensis
Chinese fan palm	Livistona chinensis
Chinese hibiscus	Hibiscus rose-sinensis
Chionoides rhododendron	Rhododendron catawbiense
Chives	Allium schoenoprasum
Cholla cactus	Opuntia cholla
Cleyera	Cleyera spp.
Cleyera	Ternstroemia gymnanthera
Coffee	Coffea arabica
Coleus	Coleus x hybridus
Cologreen	Juniperus scopulorum
Common boxwood	Buxus sempervirens
Common yarrow	Achillea millefolium
Compact burningbush	Kochia scoparia trychophylla
Compact cranberrybush viburnum	Viburnum trilobum
Compact inkberry	Ilex glabra
Concolor fir	Abies concolor
Coral beauty	Cotoneaster dammeri
Coral bells	Rhododendron obtusum
Cornelian cherry dogwood	Cornus mas
Coronation gold	Achillea filipendulina
Cotoneaster	Cotoneaster apiculata
Cotoneaster	Cotoneaster microphyllus
Cotoneaster	Cotoneaster repens
Cranesbill	Geranium pratense
Creeping Charlie	Pilea nummulariifolia
Creeping fig	Ficus repens
Crepe myrtle	Lagerstroemia indica
Crimson pygmy	Berberis thunbergii
Crispa spirea	Spiraea x bumalda
Crossandra	Crossandra nilotica

TABLE I (continued)

Common Name or Variety	Scientific Name
Croton	Codiaeum variegatum
Crown Vetch	Vicia sp.
Daylily	Hemerocallis hybrids
Debbie, Jennie, Mahogany, Stargaze	Gladiolus x hortulanus
Delaware Valley white	Rhododendron sp.
Densata	Picea glauca
Dense yew	Taxus x media
Desert fern tree	Lysiloma thornberii
Desert gum	Eucalyptus rudis
Desert willow	Pittosporum phillyraeoides
Doublefile viburnum/tomentosum	Viburnum plicatum
Douglas fir	Pseudotsuga menziesii
Dusty miller	Centaurea cineraria
Dwarf Alberta	Picea glauca
Dwarf burford holly	Ilex cornuta
Dwarf Ninebark, Nanus	Physocarpus opulifolius
Dwarf Swiss mountain pine	Pinus mugo
Dwarf yaupon/Tall yaupon	Ilex vomitoria
Eastern hemlock	Tsuga canadensis
Eastern white pine	Pinus strobus
Elizabeth Gable	Rhododendron "Gable Hybrid"
Ellen Danica, grape ivy	Cissus rhombifolia
Emerald green	Thuja occidentalis
Emerald mound	Lonicera xylosteum
English ivy	Hedera helix
English roseum	Rhododendron catawbiense
Escallonia	Escallonia fradessii
Escallonia	Escallonia rubra
Ethiopia banana	Musa maurelii
Euonymus	Euonymus fortunei
Exotica weeping fig	Ficus benjamina
False spirea	Astilbe x arendsii
Fashion	Rhododendron sp.
Fastadiata	Erythrina fusca
Fatshедера	Fatshедера lizei
Feathery cassia	Cassia artemisioides
Fernleaf yarrow	Achillea filipendulina
Firecracker	Justicia spicigera
Firewheel tree	Stenocarpus sinuatus
Flaviramea	Cornus sericea
Flossflower, Pussyfoot	Ageratum sp.
Flowering almond	Prunus triloba
Flowering dogwood	Cornus florida
Forsythia	Forsythia intermedia
Forsythia	Forsythia sp.
Forsythia	Forsythia x suspensa
Fosteri holly	Ilex x attenuata
Fransher evergreen	Aglanoma commutatum
Froebelii	Spiraea x bumalda
Gardenia, dwarf	Gardenia jasminoides
Gay feather	Liatris spicata
Gazania	Gazania uniflora leucolaena
Gazania gold rush	Gazania splendens
Geranium	Pelargonium domesticum
Gerard's rose	Rhododendron sp.
Giant bird of paradise	Strelitzia nicolai
Giant dumbcane	Dieffenbachia amoena
Gibraltar	Rhododendron sp.
Globosa	Thuja occidentalis
Gloria	Rhododendron sp.
Glossy abelia	Abelia grandiflora
Golden bamboo	Phyllostachys aurea
Golden fruited palm	Chrysalidocarpus lutescens (small)
Gold coast juniper	Juniperus chinensis
Gold drop	Physocarpus fruticososa
Gold drop, Primrose beauty	Potentilla fructosa
Gold flame	Spiraea x bumalda
Gold tip	Juniperus chinensis
Grapefruit	Citrus paradisi
Grayleafed Euryops	Euryops pectinatus
Green lirioppe/Variiegated lirioppe	Lirioppe muscari
Green palo verde	Parkinsonia aculeata
Green stone crop	Sedum brevifolium
Greeting	Rhododendron sp.
Gumpo pink	Rhododendron sp.
Gumpo white	Rhododendron sp.

TABLE I (continued)

Common Name or Variety	Scientific Name
Gum-barked coolibah	Eucalyptus microtheca
Hahnii/Mother-in-law's tongue	Sansevieria trifasciata
Hahn red	Rhododendron sp.
Hahn's ivy	Hedera helix hahnii
Hawthorn, Yedda/Indian	Raphiolepis umbellata
Hedgehog cactus	Echinocactus sp.
Hen and chickens	Sempervivum tectorum
Herbert	Rhododendron sp.
Hicks yew	Taxus x media
Hino red	Rhododendron sp.
Hinoki falsecypress	Chamaecyparis obtusa
Hollyhock	Alcea rosea
Hollywood	Juniperus chinensis
Honey locust/shade master	Gleditsia triancanthos var. inermis
Hybrid tea rose	Rosa hybrida
H. H. Hume	Rhododendron sp.
Indian laurel	Ficus macrocarpa nitida
Indian laurel	Ficus nitida
Iris	Iris sp.
Ironwood	Oleña tesota
Italian cypress	Cupressus sempervirens
Ivy geranium	Pelargonium peltatum
Ixora	Ixora coccinea
Jacaranda	Jacaranda acutifolia
Jackmanni	Physocarpus fruticososa
James McFarlane lilac	Syringa villosa
Japanese boxwood	Buxus microphylla var. japonica
Japanese holly	Ilex crenata
Japanese pachysandra	Pachysandra terminalis
Japanese yew	Taxus cuspidata
Japanese laurel	Aucuba japonica variegata
Jim wheat acacia	Acacia schafnerii
Jojoba	Simmondsia chinensis
Judd	Viburnum x juddii
Juniper	Juniperus chinensis
Juniper	Juniperus procumbens
Juniper	Juniperus sabina
Kaempo	Rhododendron sp.
Kaffir lily	Clivia miniata
Keteleeri	Juniperus chinensis
Kluis sensation	Rhododendron sp.
Korean azalea/Poukhanense	Rhododendron yedoense
Korean boxwood	Buxus microphylla var. koreana
Korean lilac	Syringa patula
Lavender cotton	Santolina chamaecyparissus
Lawson cypress	Chamaecyparis lawsoniana
Lees dark purple	Rhododendron catawbiense
Lily-of-the-valley bush	Pieris japonica
Lirioppe	Lirioppe spicata
Lodense pyracantha	Pyracantha koidzumii
Madwart	Alyssum sp.
Mahonia	Mahonia aquifolium
Manila Ripple	Schefflera arboricola
Maple/japanese	Acer palmatum
Marigold	Tagetes sp.
Marigold	Calendula sp.
Masasoit	Rhododendron sp.
Mediterranean fan palm	Chamaerops humilis
Mentor barberry	Berberis mentorensis
Meserve Holly	Ilex meserveae
Mexican border pine	Pinus strobiformis
Mexican fan palm	Washingtonia robusta
Mexican indigo	Justicia spicigera
Micans velvetleaf philodendron	Philodendron oxycardium
Mirror plant	Coprosma baueri
Mojave firethorn	Pyracantha koidzumii x coccinea
Moneywort/Wandering Sally	Lysimachia nummularia
Moon Glow	Sansevieria sp.
Morrow honeysuckle	Lonicera x morrowii
Mother's Day	Rhododendron sp.
Myres asparagus	Asparagus densiflorus
Nanum	Viburnum opulus
Narrow-leaf gimlet	Eucalyptus spathulata

TABLE I (continued)

Common Name or Variety	Scientific Name
Natal plum	<i>Carissa grandiflora</i>
Newport red	<i>Weigela florida</i>
New Zealand christmas tree	<i>Metrosideros excelsus</i>
Nicks compact juniper	<i>Juniperus chinensis</i>
Noble fir	<i>Abies procera</i>
Norfolk Island pine	<i>Araucaria heterophylla</i>
Norway maple	<i>Acer platanoides</i>
Norway spruce	<i>Picea abies</i>
Oakleaf hydrangea	<i>Hydrangea quercifolia</i>
Oak, live	<i>Quercus virginiana</i>
Ocotillo	<i>Fouquieria splendens</i>
Olive tree	<i>Olea europaea</i>
Oregon Grapeholly	<i>Magnolia sp.</i>
Ornamental strawberry	<i>Fragaria chiloensis</i>
Osmanthus, tea olive	<i>Osmanthus fragrans</i>
O'Connors legume	<i>Trifolium fragiferum</i>
Pagoda flower	<i>Clerodendrum speciosum</i>
Painted evergreen	<i>Aglaonema crispum</i>
Palibin	<i>Syringa meyeri</i>
Panicle hydrangea	<i>Hydrangea paniculata</i>
Parsley panax	<i>Polyscias fruticosa</i>
Parsoni	<i>Juniperus chinensis</i>
Passion vine	<i>Passiflora pfordtii</i>
Pepin	<i>Juniperus sabina</i>
Pericat	<i>Rhododendron sp.</i>
Periwinkle	<i>Vinca major</i>
Periwinkle, Myrtle, dwarf	<i>Vinca minor</i>
Peter pan lily of the Nile	<i>Agapanthus africanus</i>
Petunia	<i>Petunia sp.</i>
Philodendron	<i>Philodendron selloum</i>
Photinia	<i>Photinia x fraseri</i>
Pink clover	<i>Polygonum capitatum</i>
Pink lady	<i>Raphiolepis indica</i>
Pink pearl	<i>Rhododendron sp.</i>
Pink weigelia	<i>Weigela florida</i>
Pink, variegated, petite oleander	<i>Nerium oleander</i>
Plumosa	<i>Juniperus horizontalis</i>
President Lincoln	<i>Rhododendron sp.</i>
Privet/california	<i>Ligustrum ovalifolium</i>
Prize	<i>Rhododendron sp.</i>
Prostrate myoporium	<i>Myoporium parvifolium</i>
Purple elegans	<i>Rhododendron catawbiense</i>
Purple false eranthemum	<i>Pseuderanthemum atropurpureum</i>
	<i>Rhododendron sp.</i>
Purple Gem	<i>Dodonea viscosa purpurea</i>
Purple hopseed bush	<i>Lantana sellowiana</i>
Purple lantana (trailing)	<i>Rhododendron</i>
Purple splendor	<i>Mesembryanthemum lampranthus</i>
Purple trailing ice plant	<i>Phoenix roebelenii</i>
	<i>Pyracantha graberi</i>
Pygmy date palm	<i>Thuja occidentalis</i>
Pyracantha	<i>Acrecastrum romanzoffianum</i>
Pyramidalis	<i>Cocos plumosa</i>
Queen palm	<i>Peperomia scandens</i>
Queen palm	<i>Bougainvillea sp.</i>
Radiator plant	<i>Arctostaphylos uva-ursi</i>
Raspberry ice	<i>Eucalyptus polyanthemom</i>
Red bearberry	<i>Cercis canadensis</i>
Red box gum	<i>Juniperus virginiana</i>
Red bud	<i>Pennisetum setaceum</i>
Red cedar	<i>Eucalyptus rostrata</i>
Red fountain grass	<i>Pinus resinosa</i>
Red gum	<i>Rhododendron sp.</i>
Red pine	<i>Mesembryanthemum spectabilis</i>
Red ruffle	<i>Cornus sericea</i>
Red spike ice plant	<i>Rhododendron sp.</i>
	<i>Rhododendron formosa</i>
Red twig dogwood	<i>Rhododendron sp.</i>
Red wing	<i>Cistus hybridus</i>
Rhododendron	<i>Rosa sp.</i>
Rhododendron	<i>Rhododendron sp.</i>
Road runner	<i>Rosmarinus officinalis prostratus</i>
Rock rose	<i>Rhododendron catawbiense</i>
Rose	<i>Rhododendron catawbiense</i>
Rosebud	
Rosemary dwarf	
Roseum elegans	
Roseum superbum	

TABLE I (continued)

Common Name or Variety	Scientific Name
Rose greely	<i>Rhododendron</i>
Rose ice plant	<i>Mesembryanthemum drosanhemum hispidum</i>
	<i>Rhododendron sp.</i>
Royalty	<i>Cotoneaster dammeri</i>
Royal beauty	<i>Ficus elastica decora</i>
Rubber tree	<i>Elaeagnus augustifolia</i>
Russian olive	<i>Rhododendron sp.</i>
Rutherfordiana Constance	<i>Cycus revoluta</i>
Sago palm	<i>Carnegiea gigantea</i>
Saguaro cactus	<i>Rhododendron sp.</i>
Salmon spray	<i>Atriplex sp.</i>
Saltbrush	<i>Viburnum suspensum</i>
Sandankwa viburnum	<i>Arenaria verna</i>
Sandwort	<i>Juniperus chinensis</i>
Sargent juniper	<i>Camellia sasanqua</i>
Sasanqua camellia	<i>Chamaecyparis pisifera</i>
Sawara cypress	<i>Pyracantha coccinea</i>
Scarlet firethorn, Lalandei	<i>Calluna vulgaris</i>
Scotch heather	<i>Pinus sylvestris</i>
Scotch pine	<i>Sedum spectabile</i>
Sedum	<i>Sedum x rubrotinctum</i>
Sedum	<i>Cassia sturtii</i>
Senna	<i>Picea omorika</i>
Serbian spruce	<i>Chrysanthemum x superbum</i>
Shasta daisy	<i>Polystichum capense</i>
Shield fern	<i>Acacia stenophylla</i>
Shoe-string acacia	<i>Juniperus conferta</i>
Shore juniper	<i>Malus floribunda</i>
Showy crabapple	<i>Euonymus alata</i>
Siebold	<i>Grevillea robusta</i>
Silk oak	<i>Euonymus japonica</i>
Silver King	<i>Acer saccharinum</i>
Silver maple	<i>Aglaonema commutatum</i>
Silver Queen evergreen	<i>Juniperus sabina</i>
Skandia	<i>Deutzia gracilis</i>
Slender deutzia	<i>Rhododendron sp.</i>
Snow	<i>Spiraea nipponica</i>
Snowmound spirea	<i>Cerastium tomentosum</i>
Snow in summer	<i>Citrus aurantium</i>
Sour orange	<i>Yucca gloriosa</i>
Spanish dagger	<i>Grevillea rosmarinifolia</i>
Spider flower	<i>Cotoneaster divaricatus</i>
Spreading cotoneaster	<i>Euonymus kiautschovica</i>
Spreading Euonymus	<i>Asparagus densiflorus</i>
Sprengeri	<i>Asparagus densiflorus</i>
Sprenger asparagus	<i>Trachelospermum jasminoides</i>
Star jasmine	<i>Magnolia stellata</i>
Star Magnolia	<i>Rhododendron sp.</i>
Stewartsonian	<i>Erythrina fusca</i>
Swamp immortal	<i>Rhododendron sp.</i>
Sweetheart	<i>Dianthus barbatus</i>
Sweet William	<i>Nephrolepis exaltata</i>
Sword fern	<i>Rhododendron sp.</i>
Tabor	<i>Gardenia taitensis</i>
Tahitian gardenia	<i>Rhamnus frangula</i>
Tallhedge buckthorn	<i>Thuja occidentalis</i>
Techny	<i>Thuja occidentalis</i>
Techny american arborvitae	<i>Ligustrum texanum</i>
Texas privet	<i>Leucophyllum frutescens</i>
Texas sage	<i>Taxus x media</i>
Thayeri yew	<i>Coreopsis verticillata</i>
Threadleaf coreopsis	<i>Cordylone terminalis</i>
Ti	<i>Salix matsudana</i>
Tortuosa corkscrew willow	<i>Juniperus chinensis</i>
Torulosa	<i>Rhododendron sp.</i>
Tradition	<i>Aglanoma commutatum</i>
Treibii Ribbon evergreen	<i>Pyracantha angustifolia</i>
Variegated firethorn	<i>Hosta lancifolia</i>
Variegated hosta	<i>Coprosma repens</i>
Variegated mirror plant	<i>Viburnum odoratissimum</i>
Viburnum	<i>Viburnum dentatum</i>
Viburnum/japanese snowball	<i>Viburnum x rhytidophylloides</i>
Viburnum/willowwood	<i>Ligustrum x Vicari</i>
Vicari	<i>Hemigraphis sp.</i>
Waffle plant/Metallic plant	<i>Jacobinia ghiesbreghtiana</i>
Water willow	<i>Myrica cerifera</i>
Wax myrtle	

TABLE I (continued)

Common Name or Variety	Scientific Name
Weeping dagger	Yucca pendula
Weeping forsythia	Forsythia suspensa
Weeping willow	Salix alba
Welleri	Buxus sempervirens
Western/Ponderosa pine	Pinus ponderosa
Wheeler dwarf, variegated	Pittosporum tobira
White african daisy	Osteospermum fruticosum alba
White cascade	Rhododendron sp.
White catawba	Rhododendron catawbiense
White cedar	Thuja occidentalis
Willowleaf cotoneaster	Cotoneaster salicifolius franch
Willow acacia	Acacia saligna
Willow-leafed acacia	Acacia salicina
Windmill palm	Chamaerops excelsa
Witchita blue	Juniperus scopulorum
Woodwardii	Thuja occidentalis
Xylosma	Xylosma senticosa
Yellow bells	Tecoma stans angustate
Yellow oleander tree	Thevetia peruviana
Yew pine	Podocarpus macrophylla
Yucca	Yucca filamentosa
Zinnia sp.	

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.

Common Name or Variety	Scientific Name
Arcadia	Gamolepsis chrysanthemoides
Blue Pacific	Juniperus sabina
Blue rug	Juniperus conferta
Broadmoor	Juniperus horizontalis
Bugle weed	Juniperus sabina
Cats claw, Yellow trumpet	Ajuga variegata
Chinese snowball	Begonia tweediana
Columbine	Viburnum macrocephalum
Eureka	Aquilegia hybrida
Fetterbush	Rhododendron obtusum
Fraser Fir	Leucothoe axillaris
Gallery	Abies fraseri
Gazania	Gladiolus x hortulanus
Green carpet	Gazania ringens
Green fountain grass	Herniaria glabra
Grey owl	Pennisetum setaceum
Heavenly bamboo	Juniperus virginiana
Hughes	Nandina domestica
Indica	Juniperus horizontalis
Japanese honeysuckle	Rhododendron indicum
Japanese privet	Lonicera japonica
Juniper	Ligustrum japonicum
Kurume	Juniperus japonica
Lavender star plant	Rhododendron obtusum
Lemon-scented gum	Grewia caffra
Leyland cypress	Eucalyptus citriodora
Lilac	Cupressocyparis leylandii
Maki	Syringa chinensis
Maney	Podocarpus macrophyllus
Massangeana, dracaena	Juniperus chinensis
Mondo grass	Dracaena fragans
Nana	Ophiopogon japonicum
Old Gold	Juniperus chinensis
Oleander	Juniperus chinensis
Oyster plant	Nerium oleander standard
Pathfinder	Rhoeo spathacea
Pfitzeriana	Juniperus scopulorum
Philodendron	Juniperus chinensis
Pineapple guava	Philodendron sp.
Prickly pear cactus	Feijoa sellowiana
Prostrata	Opuntia sp.
P.J.M.	Juniperus chinensis
Red Maple	Rhododendron sp.
Redroot	Acer rubrum
	Ceanothus griseus

TABLE II (continued)

Common Name or Variety	Scientific Name
Robusta	Juniperus chinensis
Ruellia	Ruellia ciliosa
Scandia	Juniperus sabina
Sky Rocket	Juniperus virginiana
Spearmint	Juniperus chinensis
Spring cinquefoil	Potentilla verna
Strawberry tree	Arbutus unedo
Tamariseifolia	Juniperus sabina
Temple tree	Plumeria acuminata
Tricolor dracaena	Dracaena marginata
Vanhoutte spirea	Spiraea x vanhoutteii
Variagata	Juniperus horizontalis
Variegated ajuga	Ajuga reptans
Webberi	Juniperus horizontalis
Weeping bottle-brush	Callistemon viminalis
Welchii	Juniperus scopulorum
White lantana	Lantana montevidensis
Willow	Salix caroliniana
Wiltonii	Juniperus horizontalis
Youngtown Compacta	Juniperus horizontalis

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.

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

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.

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

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