

CLICK HERE TO JUMP TO USE DIRECTIONS



ORNAMEC® 170 GRASS HERBICIDE

Kills unwanted grasses in and around ornamentals.
Spray ornamentals "over-the-top"
Shake Well Before Using

ACTIVE INGREDIENT:

Fluazifop-P-butyl: Butyl(B)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate* 1.70%

INERT INGREDIENTS: 98.30%
TOTAL 100.00%

*ORNAMEC® 170 contains 0.125 pound (+) isomer (fluazifop-P-butyl) per gallon. Contains Petroleum Distillates.

ORNAMEC® is a registered trademark of PBI/Gordon Corporation.

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 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. Wear protective clothing, PVC gloves and apron and full face shield when handling or mixing concentrate. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

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.
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.

Environmental Hazards

This product is toxic to fish. For terrestrial uses, 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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

STORAGE AND DISPOSAL

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

PESTICIDE 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® 170 is a selective postemergence herbicide for control of annual and perennial grass weeds. ORNAMEC 170 does not control broadleaf weeds or sedges.

Control Symptoms — ORNAMEC 170 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 170 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.

APPLICATION DIRECTIONS: ORNAMEC 170 GRASS HERBICIDE can be used to control grass weeds in many newly transplanted and established ornamentals, trees, shrubs and groundcovers. Apply to actively growing grass weeds before they exceed the recommended growth stages shown below.

Do not apply ORNAMEC 170 GRASS HERBICIDE if rainfall is expected within 1 hour.

"Over-the-top" applications are recommended for the ornamentals listed in Table I. "Over-the-top" applications are defined as spray patterns delivered to the upper portions of the established ornamentals and target weeds. Use sufficient spray volumes to ensure a uniform distribution and complete spray coverage of the target weeds.

Directed spray applications are recommended for the ornamentals listed in Tables II, III, and IV. Directed spray applications are defined as spray patterns aimed or directed toward the lower portion of the established ornamentals, and this method of application will minimize the phytotoxicity of the desired species. 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. Refer to Table II-IV for the list of ornamental species appropriate for directed spray applications.

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

NOTICE TO BUYER AND USER: It is impossible to test every species and variety or cultivar of ornamental plants under all conditions. Plant tolerance of pesticides vary as conditions vary. Plant tolerance of ORNAMEC 170 GRASS HERBICIDE 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 170 GRASS HERBICIDE can be used on plants not specified on this label. The professional user should determine if ORNAMEC 170 GRASS HERBICIDE can be used prior to use.

SPOT TREATMENTS

Mix ORNAMEC 170 with water according to the amounts shown in the following chart. Spray to obtain thorough coverage, but do not spray to runoff. Retreat if necessary.

Add These Amounts	
To Make This Spray Volume	ORNAMEC 170
1 Quart	2½ fl. oz.
2 Quarts	5 fl. oz.
3 Quarts	7½ fl. oz.
One Gallon	10 fl. oz.

ANNUAL AND PERENNIAL GRASS CONTROL RECOMMENDATIONS FOR BROADCAST APPLICATIONS

- For annual grass species, use 6-9 fl. oz. of ORNAMEC 170 per 1,000 square feet.
- For perennial grass species, use 9 fl. oz. of ORNAMEC 170 per 1,000 square feet per application. Three applications will be needed.
- The maximum amount of fluazifop-P-butyl per treated area per season is 1.1 pounds active ingredient per acre per season (27 fl. oz. of product per 1,000 sq. ft. per season).
- Spray to obtain thorough coverage of grass foliage, but not to runoff. Repeat treatments may be necessary to provide full season control.
- Use standard hollow cone or flat fan nozzles.
- Apply ORNAMEC 170 herbicide to actively growing grasses before they exceed the recommended growth stages shown below.
- Do not apply ORNAMEC 170 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 170 herbicide when the first grass species in a mixed grass weed population reaches the recommended growth stage for treatment.

ANNUALS

Grass Species
Growth Stage: 2-8" tall, before tillering and/or heading
Barnyardgrass (<i>Echinochloa crusgalli</i>)
Broadleaf signalgrass (<i>Brachiaria platyphylla</i>)
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

*Use 9 fl. oz. of product per 1000 square feet per application. Three applications will be needed.

TABLE I
OVER-THE-TOP APPLICATIONS may be applied to the following ornamentals:

Common Name/Variety	Scientific Name
Abbotswood	Physocarpus fruiticosa
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
Aloes	Aloe vera
	Aloe zanzibarica
Althea	Hibiscus syriacus
Alyssum	Alyssum sp.
American holly	Ilex opaca
American sweetgum	Liquidambar styraciflua
Amoenum	Rhododendron obtusum
Amur River	Ligustrum amurense
Annual statice	Statice sinuata
Anthony Waterer	Spiraea x bumalda
Arizona ash	Fraxinus velutina
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
Banksia	Rosa Banksiae
Barbados aloe	Aloe barbadensis
Barrel cactus	Ferocactus sp.
Bellflower	Campanula carpatica
Berkman's	Thuja orientalis
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 peppertree	Schinus terebinthifolius
Brazilian snapdragon	Otocanthus sp.
Brown beam	Sedum guatemalense
Brush cherry	Eugenia myrtifolia
Buffalo	Juniperus sabina
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
Candytuff	Iberis sempervirens
Cane plumbago	Plumbago capensis
Cape honeysuckle	Tecomaria capensis

TABLE I OVER-THE-TOP APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
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 schoenopresum
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 repens
	Cotoneaster microphyllus
	Cotoneaster apiculata
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
Croton	Codiaeum variegatum
Crown Vetch	Vicia sp.
Daylily	Hemerocallis hybrids
Debbie, Jennie, Mahogany, Stargaze Delaware Valley white	Gladiolus x hortulanus Rhododendron sp.
Densata	Picea glauca
Dense yew	Taxus x media
Desert fern tree	Lysiloma thornberii
Desert gum	Eucalytus rudis
Desert willow	Pittosporum phillyraeoides
Doublefile viburnum/tomentosum	Viburnum plicatum
Douglas fir	Pseudotsuga mensiessi
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	Thuga occidentalis
Emerald mound	Lonicera xylostereum
English ivy	Hedera helix
English roseum	Rhododendron catawbiense
Escallonias	Escallonia rubra
	Escallonia fradessii
Ethiopia banana	Musa maurelli
Euonymus	Euonymus fortunei
Exotica weeping fig	Ficus benjamina
False spirea	Astilbe x arendsii
Fashion	Rhododendron sp.
Fastadiata	Erythrina fusca
Fatshedera	Fatshedera lizei
Feathery cassia	Cassia artemisioides
Fernleaf yarrow	Achillea filipendulina
Firecracker	Justicia spicigera
Firewheel tree	Stenocarpus sinuatus
Flaviramea	Cornus sericea

TABLE I OVER-THE-TOP APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
Flowering almond	Prunus triloba
Flowering dogwood	Cornus florida
Fosteri holly	Ilex x attenuata
Forsythia	Forsythia x intermedia
	Forsythia sp.
	Forsythia intermedia
Fransher evergreen	Aglanoma commutatum
Froebelii	Spiraea x bumalda
Gardenia, dwarf	Gardenia jasminoides
Gay feather	Liatris spicata
Gazania gold rush	Gazania splendens
Geranium	Pelargonium domesticum
Gerard's rose	Rhododendron sp.
Giant bird of paradise	Strelitzia nicolai
Giant dumbcane	Dieffenbachia amoena
Giant/king protea	Protea cynaroides
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 fruiticosa
Gold drop, Primrose beauty	Potentilla fructosa
Gold flame	Spiraea x bumalda
Gold tip	Juniperus chinensis
Grapefruit	Citrus paradisi
Grayleaved 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.
Gum-barked coolibah	Eucalyptus microtheca
Hahn red	Rhododendron sp.
Hahn's ivy	Hedera helix hahnii
Hahnii/Mother-in-law's tongue	Sansevieria trifasciata
Hedgehog cactus	Echinocactus sp.
Hen and chickens	Sempervivum tectorum
Herbert	Rhododendron sp.
Hicks yew	Taxus x media
Hinoki falsecypress	Chamaecyparis obtusa
Hino red	Rhododendron sp.
Hollyhock	Alcea rosea
Hollywood	Juniperus chinensis
Honey locust/shade master	Gleditsia triacanthos 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	Olneya tesota
Italian cypress	Cupressus sempervirens
Ivy geranium	Pelargonium peltatum
Ixora	Ixora coccinea
Jacaranda	Jacaranda acutifolia
Jackmanni	Physocarpus fruiticosa
James McFarlane lilac	Syringa villosa
Japanese boxwood	Buxus microphylla var. japonica
Japanese holly	Ilex crenata
Japanese laurel	Aucuba japonica variegata
Japanese pachysandra	Pachysandra terminalis
Japanese yew	Taxus cuspidata
Japgarden juniper	Juniperus procumbens
Jim wheat acacia	Acacia schafnerii
Jobja	Simmondsia chinensis
Judd	Viburnum x juddii
Juniper	Juniperus chinensis
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

TABLE I OVER-THE-TOP APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
Lawson cypress	Chamaecyparis lawsoniana
Lees dark purple	Rhododendron catawbiense
Lily-of-the-valley bush	Pieris japonica
Liriope	Liriope spicata
Lodense pyracantha	Pyracantha koidzumii
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 x 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
Myrtle, Dwarf periwinkle	Vinca minor
Nanum	Viburnum opulus
Narrow-leaf gimlet	Eucalyptus spathulata
Natal plum	Carissa grandiflora tuttlei
Newport red	Weigela florida
New Zealand Christmas tree	Metrosideros excelsus
Nicks compact juniper	Juniperus chinensis
Noble fir	Abies procera
Norfolk Island pine	Araucaria heterophylla
Norway maple	Acer platanoides
Norway spruce	Picea abies
Oakleaf hydrangea	Hydrangea quercifolia
Oak, live	Quercus virginiana
Ocotillo	Fouquieria splendens
Oleander-leaved protea	Protea neriifolia
Olive tree	Olea europaea
Oregon Grapeholly	Magnolia sp.
Ornamental strawberry	Fragaria chiloensis
Osmanthus, tea olive	Osmanthus fragrans
O'Connors legume	Trifolium fragiferum
Pagoda flower	Clerodendrum speciosum
Painted evergreen	Aglaonema crispum
Palibin	Syringa meyeri
Panicle hydrangea	Hydrangea paniculata
Parsley panax	Polyscias fruticosa
Parsoni	Juniperus chinensis
Passion vine	Passiflora pfordtii
Pepin	Juniperus sabina
Pericat	Rhododendron sp.
Periwinkle	Vinca major
Peter pan lily of the Nile	Agapanthus africanus
Petunia	Petunia sp.
Philodendron	Philodendron selloum
Photinia	Photinia x fraseri
Pink clover	Polygonum capitatum
Pink lady	Raphiolepis indica
Pink pearl	Rhododendron sp.
Pink weigelia	Weigela florida
Pink, variegated, petite oleander	Nerium oleander
Plumosa	Chamaecyparis pisifera
Plumosa	Juniperus horizontalis
Poinciana	Caesalpinia cacalaco
President Lincoln	Rhododendron sp.
Privet/California	Ligustrum ovalifolium
Prize	Rhododendron sp.
Prostrate myoporum	Myoporum parvifolium
Protea	Protea compacta
Protea	Protea eximia
Protea	Protea repens
Purple elegans	Rhododendron catawbiense
Purple false eranthemum	Pseuderanthemum atropurpureum
Purple Gem	Rhododendron sp.
Purple hopseed bush	Dodonea viscosa purpurea

TABLE I OVER-THE-TOP APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
Purple lantana (trailing)	Lantana sellowiana
Purple splendor	Rhododendron sp.
Purple trailing ice plant	Mesembryanthemum lampranthus
Pussyfoot, Flossflower	Ageratum sp.
Pygmy date palm	Phoenix roebelenii
Pyracantha	Pyracantha graberi
Pyramidalis	Thuja occidentalis
Queen palm	Acrecastrum romanzoffianum
Queen palm	Cocos plumosa
Radiator plant	Peperomia scandens
Raspberry ice	Bougainvillea sp.
Red bearberry	Arctostaphylos uva-ursi
Red box gum	Eucalyptus polyanthemos
Red bud	Cercis canadensis
Red cedar	Juniperus virginiana
Red fountain grass	Pennisetum setaceum
Red gum	Eucalyptus rostrata
Red pine	Pinus resinosa
Red ruffle	Rhododendron sp.
Red spike ice plant	Mesembryanthemum lampranthus spectabilis
Red twig dogwood	Cornus sericea
Red wing	Rhododendron sp.
Red yucca	Hesperaloe parviflora
Rhododendron	Rhododendron formosa
Road runner	Rhododendron sp.
Rock rose	Cistus hybridus
Rose	Rosa sp.
Rosebud	Rhododendron sp.
Rosemary dwarf	Rosmarinus officinalis prostratus
Roseum elegant	Rhododendron catawbiense
Roseum superbum	Rhododendron catawbiense
Rose greely	Rhododendron sp.
Rose ice plant	Mesembryanthemum drosanhemum hispidum
Royalty	Rhododendron sp.
Royal beauty	Cotoneaster dammeri
Rubber tree	Ficus elastica decora
Russian olive	Elaeagnus augustifolia
Rutherfordiana Constance	Rhododendron sp.
Sago palm	Cycus revoluta
Saguaro cactus	Carnegiea gigantea
Salmon spray	Rhododendron sp.
Saltbrush	Atriplex sp.
Salvia, sage	Salvia greggii
Sandankwa viburnum	Viburnum suspensum
Sandwort	Arenaria verna
San Jose	Juniperus chinensis
Sargent juniper	Juniperus chinensis
Sasanqua camellia	Camellia sasanqua
Scarlet firethorn, Lalandei	Pyracantha coccinea
Scotch heather	Calluna vulgaris
Scotch pine	Pinus sylvestris
Sedum	Sedum spectabile
Senna	Sedum x rubrotinctum
Serbian spruce	Cassia sturtii
Shasta daisy	Picea omorika
Shield Fern	Chrysanthemum x superbum
Shiny xylosma	Polystichum capense
Shoe-string acacia	Xylosma senticosa
Shore juniper	Acacia stenophylla
Showy crabapple	Juniperus conferta
Siebold	Malus floribunda
Silk oak	Euonymus alata
Silver King	Grevillea robusta
Silver maple	Euonymus japonica
Silver Queen evergreen	Acer saccharinum
Skandia	Aglaonema commutatum
Slender deutzia	Juniperus sabina
Snow	Deutzia gracilis
Snowmound spirea	Rhododendron sp.
Snow in summer	Spiraea nipponica
Sour orange	Cerastium tomentosum
Spanish dagger	Citrus aurantium
Spider flower	Yucca gloriosa
Spreading cotoneaster	Grevillea rosmarinifolia
Spreading euonymus	Cotoneaster divaricatus
	Euonymus kiautschovica

TABLE I OVER-THE-TOP APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
Sprenger	Asparagus densiflorus
Sprenger asparagus	Asparagus densiflorus
Star jasmine	Trachelospermum jasminoides
Star Magnolia	Magnolia stellata
Stewartsonian	Rhododendron sp.
Swamp immortella	Eruthrina fusca
Sweetheart	Rhododendron sp.
Sweet William	Dianthus barbatus
Sword fern	Nephrolepis exaltata
Tabor	Rhododendron sp.
Tahitian gardenia	Gardenia taitensis
Tallhedge buckthorn	Rhamnus frangula
Techny	Thuja occidentalis
Techny american arborvitae	Thuja occidentalis
Texas privet	Ligustrum texanum
Texas sage	Leucophyllum frutescens
Thayeri yew	Taxus x media
Threadleaf coreopsis	Coreopsis verticillata
Ti	Cordyline terminalis
Tortuosa corkscrew willow	Salix matsudana
Torulosa	Juniperus chinensis
Tradition	Rhododendron sp.
Treasure Flower	Gazania uniflora leucholaena
Treubii Ribbon evergreen	Aglaonema commutatum
Variiegated firethorn	Pyracantha angustifolia
Variiegated hosta	Hosta lancifolia
Variiegated mirror plant	Coprosma repens
Viburnum	Viburnum odoratissium
Viburnum/Japanese snowball	Viburnum dentatum
Viburnum/willowwood	Viburnum x rhytidophylloides
Vicari	Ligustrum x vicari
Waffle plant/Metallic plant	Hemigraphis sp.
Water Willow	Jacobinia ghiesbreghtiana
Wax myrtle	Myrica cerifera
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
Wild petunia	Ruellia californica
Willowleaf cotoneaster	Cotoneaster salicifolius franch
Willow acacia	Acacia saligna
Willow-leafed acacia	Acacia salacina
Windmill palm	Chamaerops excelsa
Wichita blue	Juniperus scopulorum
Woodwardii	Thuja occidentalis
Yedda/Indian hawthorn	Raphiolepis umbellata
Yellow bells	Tecoma stans angustate
Yellow oleander tree	Thevetia peruviana
Yew pine	Podocarpus macrophylla
Yucca	Yucca filamentosa

TABLE II DIRECTED APPLICATIONS

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 170 herbicide is applied **over-the-top** at label rates.

Common Name/Variety	Scientific Name
Arcadia	Juniperus sabina
Blue Pacific	Juniperus conferta
Blue rug	Juniperus horizontalis
Broadmoor	Juniperus sabina
Bugle weed	Ajuga variegata
California bush daisy	Gamolepis chrysanthemoides
Carmel Ceanothus	Ceanothus griseus
Cats claw, Yellow trumpet	Bignonia tweediana
Chinese snowball	Viburnum macrocephalum
Columbine	Aquilegia hybrida
Eureka	Rhododendron obtusum

TABLE II DIRECTED APPLICATIONS (Continued)

Common Name/Variety	Scientific Name
Fetterbush	Leucothoe axillarisi
Fraser Fir	Abies fraseri
Gallery	Gladiolus x hortulanus
Gazania	Gazania ringens
Green carpet	Herniaria glabra
Green fountain grass	Pennisetum setaceum
Grey owl	Juniperus virginiana
Heavenly bamboo	Nandina domestica
Hughes	Juniperus horizontalis
Indica	Rhododendron indicum
Japanese honeysuckle	Lonicera japonica
Japanese privet	Ligustrum japonicum
Kurume	Rhododendron obtusum
Lavender star plant	Grewia caffra
Lemon-scented gum	Eucalyptus citriodora
Leyland cypress	Cupressocyparis leylandi
Lilac	Syringa chinensis
Maki	Podocarpus macrophyllus
Maney	Juniperus chinensis
Maple/red	Acer rubrum
Massangeana, dracaena	Dracaena fragans
Mondo grass	Ophiopogon japonicum
Nana	Juniperus chinensis
Old Gold	Juniperus chinensis
Oleander	Nerium oleander standard
Oyster plant	Rhoeo spathacea
Pathfinder	Juniperus scopulorum
Pfitzeriana	Juniperus chinensis
Philodendron	Philodendron sp.
Pineapple guava	Feijoa sellowiana
Prickly pear cactus	Opuntia sp.
Prostrata	Juniperus chinensis
P.J.M.	Rhododendron sp.
Robusta	Juniperus chinensis
Ruellia	Ruellia ciliosa
San Jose	Juniperus japonica
Scandia	Juniperus sabina
Sky Rocket	Juniperus virginiana
Spear mint	Juniperus chinensis
Spring cinquefoil	Potentilla verna
Strawberry tree	Arbutus unedo
Tamariseifolia	Juniperus sabina
Temple tree	Plumeria acuminata
Tricolor dracaena	Dracaena marginata
Vanhoutte spirea	Spirea x vanhoutteii
Variagata	Juniperus horizontalis
Variiegated 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

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 170 herbicide is applied **over-the-top** at label rates.

Common Name/Variety	Scientific Name
Armstrongii	Juniperus chinensis
Baby rubber plant	Peperomia obtusifolia
Bleeding heart	Dicentra spectabilis
Bottle tree	Brachychiton populneus
Burkii	Juniperus virginiana
Bush acacia	Acacia latifolia
Carrot wood	Cupaniopsis anacardiopes
Chinese crenate croton	Exococaria cochichinensis
Cordyline	Cordyline stricta
Coromandel	Asystasia gangetica
Desert broom	Baccharis sarothroides
Excelsa Strieta	Juniperus scopulorum

TABLE III DIRECTED APPLICATIONS

Common Name/Variety	Scientific Name
Fiddlewood	Citharexylum spinosum
Formosa	Rhododendron indicum
Fragrant sumac	Rhus aromatica
Hearts and flowers	Aptenia cordifolia
Hersey red	Rhododendron obtusum
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
Narrow leaved black peppermint	Eucalyptus nicholii
Pinkhead knotweed	Polygonum capitatum
Red justicia	Odontonema strictum
Shrimp plant	Justicia brandegeana
Slipper flower	Pedilanthus tithymaloides
Sonoran palo verde	Cercidium praecox
Southern magnolia	Magnolia grandifolia
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
White shrimp plant	Justicia betonia
Yellow shrimp plant	Pachystachys lutea

TABLE IV DIRECTED APPLICATIONS

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 170 herbicide is applied **over-the-top** at label rates.

Common Name/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
Hinocrimson	Rhododendron obtusum
Jacob's Coat	Acalypha godseffiana hertophylla
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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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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