

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%
OTHER INGREDIENTS:	93.25%
TOTAL	100 00%

THIS PRODUCT CONTAINS:

0.5 lb (+) isomer (fluazifop-P-butyl) per gallon.
Contains petroleum distillates, xylene or xylene range aromatic solvent.
ORNAMEC® is a registered trademark of PBI-Gordon Corporation.

CAUTION



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

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

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

Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are made of barrier laminate or viton. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants,
- · shoes and socks, and
- · chemical-resistant gloves

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.

First Aid

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

(continued on next column)

First Aid (cont.)
If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes. Call a poison control center or doctor for treatment advice.
If swallowed:	 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:	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. 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 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.

1. Product Description

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 directed 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 groundcovers in noncrop areas. See the following Tables 5 through 8 for specific uses.

Application of ORNAMEC may be made over-the-top to ornamentals listed in Table 5. 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. Plants listed in Tables 6 through 8 should have a directed spray applied to prevent contact of spray with foliage. 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 6 through 8; 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.

2. Annual and Perennial Grass Control in Ornamentals, Nurseries, and Landscaping

Not for use in vegetable gardens or on fruit-bearing trees and shrubs intended for consumption.

Spray to obtain thorough coverage of grass foliage, but not to the point of runoff. Do not apply ORNAMEC if rainfall is expected within 1 hour. Repeat treatments may be necessary to provide full season control. Apply ORNAMEC to actively growing grasses before they exceed the growth stages specified in Tables 3 and 4. Apply ORNAMEC when the first grass species in a mixed grass weed population reaches the specified growth stage for treatment.

Do not apply the herbicide to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury. Do not apply to grasses which have exceeded the specified growth stages (See Tables 3 and 4).

BROADCAST TREATMENTS: Use 64 to 96 fl.oz. of ORNAMEC to 20 to 40 gallons of water per acre (1.5 to 2.2 fl.oz./1000 sq.ft.). Always add a nonionic surfactant containing at least 75% surface wetting agent (such as AquaZorb® CA) at 0.25% vol./vol. (8 fl.oz. per 25 gallons) of finished spray volume. To control perennial grasses, use 96 fl.oz. of ORNAMEC per acre per application and multiple applications will be needed

SPOT TREATMENTS: Mix ORNAMEC and only a nonionic surfactant (such as AquaZorb CA) with 1 gallon of water per 1,000 square feet according to the amounts shown below. Spray to obtain thorough coverage, but do not spray to the point of runoff. Retreat if necessary.

Table 1: Spot Treatments in Ornamentals, Nurseries, and Landscaping

To Make This	Add These Amounts	
Spray Volume	ORNAMEC	Nonionic Surfactant
1 gallon	2.5 fl.oz. (5 Tbs)	0.3 fl.oz.
10 gallon	26 fl.oz.	3 fl.oz.
25 gallon	64 fl.oz.	8 fl.oz.
50 gallon	128 fl.oz.	16 fl.oz.

Equal measures: 1 fluid ounce (fl.oz.) = 2 tablespoons (Tbs) = 6 teaspoons (tsp) and 8 fl.oz. = 1 cup

3. Bermudagrass Control In Zoysiagrass and Tall Fescue Turf

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

Note: The application of this product may show slight discoloration to the desirable turfgrass. Symptoms are temporary and discoloration will subside. Do not apply to tall fescue turf unless injury can be tolerated. Weather and cultural treatments can also affect applications.

3.1 Bermudagrass Control in Zoysiagrass

Late Spring: For broadcast applications, use 12 to 16 fl.oz. of this product in 20 to 40 gallons of water per acre (0.3 to 0.4 fl.oz/1000 sq.ft.) with a nonionic surfactant (such as AquaZorb CA). This application should be made once bermudagrass is fully green and retreated if necessary. Retreat in 14 to 21 days if regrowth occurs. For spot treatments, use 0.3 fluid ounce (2 teaspoons) of this product and 0.3 fluid ounce (2 teaspoons) of nonionic surfactant (such as AquaZorb CA) in one gallon of water to treat 1,000 square feet.

Mid Summer: During hot summer weather, apply 16 to 20 fl.oz. of product per acre (0.4 to 0.5 fl.oz/1000 sq.ft.) with a nonionic surfactant (such as AquaZorb CA). For spot treatments, use 0.4 fluid ounces (2.5 teaspoons) of this product and 0.3 fluid ounce (2 teaspoons) of nonionic surfactant (such as AquaZorb CA) in one gallon of water to treat 1,000 square feet. **Note:** The 20 fluid ounce rate may cause temporary turf discoloration.

Late Summer: When bermudagrass is preparing for dormancy, apply 8 to 12 fl.oz. of this product per acre (0.2 fl.oz to 0.3 fl.oz./1000 sq.ft.) with a nonionic surfactant (such as AquaZorb CA). For spot treatments, use 0.25 fluid ounces (1.5 teaspoons) of this product with 0.3 fluid ounce (2 teaspoons) of nonionic surfactant (such as AquaZorb CA) in one gallon of water to treat 1,000 square feet.

3.2 Bermudagrass Control in Tall Fescue

For spot treatments of tall fescue with hand-operated sprayers: Make applications in the spring and fall. Start applications after bermudagrass is fully green. Repeat in 14 to 21 day intervals if regrowth occurs. Complete control may take 1 to 2 growing seasons. Use hand-operated sprayers (backpack sprayers, compression or pump-up sprayers, or tank type sprayers). Add 0.5 fl.oz. of product with 0.3 fl.oz. of nonionic surfactant [such as AquaZorb CA) per 1 gallon of water to treat 1,000 sq.ft. of turf.

For broadcast treatment of tall fescue: For broadcast applications, use 17 to 21 fl.oz. of product in 20 to 40 gallons of water per acre (0.4-0.5 fl.oz./1000 sq.ft.) with a nonionic surfactant (such as AquaZorb CA). This application should be made once bermudagrass is fully green and retreated if necessary. Retreat in 14 to 21 days if regrowth occurs. Complete control may take 1 to 2 growing seasons.

Take care with applications to tall fescue during the summer months (July and August). Avoid applications to tall fescue under stress due to drought, temperature extremes, or chemical injury.

Allow time (up to 24 hours) for this product to be absorbed and translocated before mowing the treated area. Wait 14 days before re-seeding treated areas of tall fescue.

Note: The application of this product may show slight discoloration to the desirable turfgrass. Symptoms are temporary and discoloration will subside. Do not apply to tall fescue turf unless injury can be tolerated. Weather and cultural treatments can also affect applications.

4. Dallisgrass Control in Tall Fescue

Make a single application of ORNAMEC at 24 fl.oz. per acre (0.6 fl.oz/1000 sq.ft.) in 20 to 40 gallons of water per acre to control dallisgrass in tall fescue turf in the spring. Add a non-ionic surfactant (such as AquaZorb CA) at 0.25% v/v (0.3 fl.oz. or 2 teaspoons per gallon of spray mix) to improve efficacy.

For spot treatment applications, mix 0.6 fl.oz. of ORNAMEC plus 1/3 fl.oz. of a non-ionic surfactant (such as AquaZorb CA) per one gallon of water to treat 1.000 square feet.

Note: The application of this product to tall fescue turf may show slight discoloration. Symptoms are temporary and discoloration will subside. Do not apply to tall fescue turf unless injury can be tolerated. Weather and cultural treatments can also affect applications. Use a minimum spray volume of 30 gallons of water per acre.

Application timing is critical and is determined by Growing Degree Days (GDD). GDD units are determined by the following calculation:

 $\frac{\text{Max daily temp (in °F)} + \text{Minimum daily temp (in °F)} - 50°F}{2} = \text{GDD}$

If the calculation is zero or a negative number, it is ignored. Add each day's GDD units beginning on January 1st. When your total reaches 270 to 360 GDD, apply the ORNAMEC. Effective dallisgrass control will only be obtained in this GDD range.

Table 2: Ex	Table 2: Example of GDD Tracking					
Date	Max Temp	Min Temp	Average	Subtract 50	Daily GDD	Total GDD
Day 1	75	45	60	10	10	10
Day 2	65	45	55	5	5	15
Day 3	55	45	50	0	0	15
Day 4	65	45	55	5	5	20
Day 5	50	45	47.5	-2.5	-2.5	20

5. Grass Species Controlled

Table 3: Annual Grasses	
Grass Species	Growth Stage
Barnyardgrass (Echinochloa crus-galli) Broadleaf signalgrass (Brachiaria platyphylla)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Crabgrass, large (Digitaria sanguinalis) Crabgrass, smooth (Digitaria ischaemum) Crabgrass, southern (Digitaria ciliaris)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Crabgrass, tropical (Digitaria bicornis) Downy brome (Bromus tectorum) Fall panicum (Panicum dichotomiflorum) Field sandbur (Cenchrus pauciflorus)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Foxtail, giant (Setaria faberi) Foxtail, green (Setaria viridis) Foxtail, yellow (Setaria lutescens)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Goosegrass (Eleusine indica) Italian Ryegrass (Lolium multiflorum) Itchgrass (Rottboellia exaltata) Johnsongrass, seedling (Sorghum	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
halepense) Junglerice (Echinochloa contracta) Kikuyugrass* (Pennisetum clandestinum) Prairie cupgrass (Eriochloa contracta)	2 to 8 inches tall, before tillering and/or heading. 4 to 8 inches tall, before tillering and/or heading. 4 to 8 inches tall, before tillering and/or heading.
Rabbitfootgrass (Polypogon monspeliersis) Red rice (Oryza sativa) Shattercane/Wildcane/Volunteer milo	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
(Sorghum bicolor) Sorghum almum (Sorghum almum) Southern sandbur (Cenchrus echinatus) Southwestern cupgrass (Eriochloa gracilis)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Texas panicum (Panicum texanum) Volunteer barley (Hordeum vulgare) Volunteer corn (Zea mays) Volunteer oats (Avena fatua)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Volunteer rye (Secale cereale) Volunteer wheat (Triticum aestivum) Wild oats (Avena fatua) Wild proso millet (Panicum milliaceum) Witchgrass (Panicum capillare)	2 to 8 inches tall, before tillering and/or heading. 2 to 8 inches tall, before tillering and/or heading.
Woolly cupgrass (Eriochloa villosa)	2 to 8 inches tall, before tillering and/or heading.

^{*}Not for use in California

Table 4: Perennial Grasses	
Grass Species	Growth Stage
Bermudagrass (Cynodon dactylon)	4 to 8 inch runners
Dallisgrass (Paspalum dilatatum)	270 to 360 GDD**
Guineagrass (Panicum maximum)	6 to 12 inches tall before seedhead initiation
Quackgrass (Agropyron repens)	6 to 10 inches
Rhizome johnsongrass (Sorghum halepense)	8 to 18 inches tall and before boot stage
Torpedograss* - First Application	3 to 10 inches tall
Torpedograss* - Subsequent Application	2 to 3 inches tall
Wirestem muhly (Muhlenbergia frondosa)	4 to 12 inches tall before seedhead initiation
*Use 96 fluid ounces/acre/application. 3 applic **See Dallisgrass section.	ations will be needed.

6. Ornamentals Which May Be Treated

Scientific Name	Common Name/Variety
Abelia grandiflora	Abelia, Glossy
Abies balsamea*	Fir, Balsam
Abies concolor	Fir, Concolor
Abies procera	Fir, Noble
Acacia redolens	Acacia, Ongerops
Acacia salacina	Acacia, Willow-leafed
Acacia saligna	Acacia, Willow
Acacia schafnerii	Acacia, Jim wheat
Acacia stenophylla	Acacia, Shoe-string
Acer ginnala*	Maple, Flame amur
Acer palmatum	Maple, Japanese
Acer platanoides	Maple, Norway
Acer saccharinum*	Maple, Silver
Acer saccharum	Maple, Sugar
Achillea filipendulina	Yarrow, Coronation Gold / Fernleaf
Achillea millefolium	Yarrow, Common
Acrecastrum romanzoffianum	Palm, Queen
Agapanthus africanus	Lily of the Nile, Peter Pan
Agave americana	Century plant
Ageratum sp.	Ageratum, sp.
Aglanoema commutatum	Evergreen, Fransher; Silver queen; Treubii ribbon
Aglanoema crispum	Evergreen, Painted
Alcea rosea	Hollyhock
Allium schoenoprasum	Chives
Aloe barbadensis	Aloe, Barbados
Aloe vera	Aloe vera
Aloe zanzibarica	Aloe zanzibarica
Alyssum sp.	Alyssum sp.
Antirrihinium majus*	Snapdragon, Yellow floral carpet
Araucaria heterophylla	Pine, Norfolk Island
Arctostaphylos uva-ursi	Bearberry, Red
Arctotheca calendula	Cape weed
Arenaria verna	Sandwort
Asparagus densiflorus	Asparagus, Myres; Asparagus, Sprenger, Sprengeri
Astilbe x arendsii	Spirea, False
Atriplex sp.	Saltbush
Aucuba japonica	Aucuba
Aucuba japonica variegata	Aucuba japonica variegata
Begonia Semperflorens cultoreum*	Begonia, Scarletta
Betula pendula*	Birch, Eastern white
Berberis mentorensis	Barberry, Mentor
Berberis thunbergii*	Barberry, Redleaf Japanese; Pygmy, Crimson
Bougainvillea sp.	Bougainvillea sp.
Buxus microphylla var. koreana	Boxwood, Korean
Buxus microphylla var. japonica	Boxwood, Japanese
Buxus sempervirens	Boxwood, Common; Welleri
Caesalpinia cacalaco	Cascalote
Caesalpinia gilliesii	Bird of Paradise
Calendula sp.	Marigold
Callistemon lanceolatus	Bottle-brush
Calluna vulgaris	Heather, Scotch
Camellia japonica	Camellia
Camellia sasangua	Camellia, Sasangua
Campanula carpatica	Beliflower
Carissa grandiflora	Plum, Natal
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Scientific Name (cont.)	Common Name/Variety (cont.)
Carnegiea gijantea	Cactus, Saguaro
Carpobrotus chilensis*	Fig, Trailing hottentot
Cassia artemisiodes	Cassia, Feathery
Cassia didymobotrya	Cassia, African
Cassia sturtii	Senna
Celtis occidentalis*	Hackberry
Centaurea cineraria	Centaurea, Dusty miller
Cerastium tomentosum	Cerastium, Snow in Summer
Ceratonia siliqua	Ceratonia, Carob tree
Cercis canadiensis	Cercis, Red bud
Chaenomeles speciosa*	Quince, Flowering
Chamaecyparis lawsoniana	Cypress, Allum lawson
Chamaecyparis obtusa	Cypress, Cripps hinoki false
Chamaecyparis pisifera	Plumosa
Chamaerops excelsa	Palm, Windmill
Chamaerops humilis	Palm, Mediterranean fan
Chrysalidocarpus lutescens	Palm, Golden fruited (small)
Chrysanthemum x superbum	Daisy, Shasta
Cissus rhombifloia	Ivy, Ellen Danica, grape
Cistus hybridus	Rose, Rock
Citrus aurantium	Orange, Sour
Citrus paradise	Grapefruit
Clerodendrum speciosum	Pagoda flower
Cleyera spp.	Cleyera
Clivia miniata	Lily, Kaffir
Cocos plumose	Palm, Queen
Codiaeum variegatum	Croton
Coffea Arabica	Coffee
Coleus x hybridus*	Coleus, Jade wizard
Convolvulus oneorum	Morningglory, Bush
Coprosma baueri	Mirror plant
Coprosma repens	Mirror plant, Variegated
Cordyline terminalis	Ti plant
Coreopsis verticillata	Coreopsis, Threadleaf
Cornus florida	Dogwood, Flowering
Cornus mas	Dogwood, Cornelia cherry
Cornus sericea	Dogwood, Flaviramea; Red twig
Cotoneaster apiculata	Cotoneaster apiculata
Cotoneaster dammeri	Cotoneaster, Coral beauty; Royal beauty
Cotoneaster divaricatus	Cotoneaster, Spreading
Cotoneaster microphyllus	Cotoneaster Cotoneaster
Cotoneaster repens	
Cotoneaster salicifolius franch	Cotoneaster, Willowleaf Crossandra
Crossandra nilotica	
Cupressus sempervirens Cycus revolute	Cypress, Italian
	Palm, Sago
Deutzia gracilis	Deutzia, Slender
Dianthus barbatus Dieffenbachia amoena	Dianthus, Sweet William Dumbcane, Giant
Diervilla Ionicera	
	Honeysuckle, Bush
Dodonea viscosa purplurea	Purple Hopseed Bush
Echinocactus sp.	Cactus, Hedgehog
Elaeagnus angustifolia Encelia farinose	Olive, Russian Bittle bush
Erythrina fusca Escallonia fradessii	Erythrina, Fastadiata; Swamp immortella Escallonia fradessii
Escallonia rradessii Escallonia rubra	Escalionia rradessii Escallonia rubra
LOUGHUIHA TUDTA	Lacallottia Tubra

Table 5. Over-The-Top Applications may be apnonionic surfactant).	pplied to the following ornamentals (Use only a
Scientific Name (cont.)	Common Name/Variety (cont.)
Eucalyptus polyanthemos	Gum, Red box
Eucalyptus rostrata	Gum, Red
Eucalyptus rudis	Gum, Desert
Eucalyptus spathulata	Gimlet, Narrow-leaf
Eugenia myrtifolia	Brush cherry
Euonymus alata	Euonymus, Siebold
Euonymus fortunei	Euonymus forunei
Euonymus japonica	Euonymus, Silver King
Euonymus kiautschovicus	Euonymus, Spreading
Euphorbia lacteal	Candelabra plant
Euryops pectinatus	Euryops
Fatshedera lizei	Fatshedera
Ferocactus sp.	Cactus, Barrel
Ficus benjamina	Fig, Exotica weeping
Ficus elastica decora	Rubber tree
Ficus macrocarpa nitiida	Laurel, Indian
Ficus nitida	Laurel, Indian
Ficus repens	Fig, Creeping
Forsythia intermedia	Forsythia intermedia
Forsythia sp.	Forsythia sp.
Forsythia suspensa	Forsythia, Weeping
Fouquieria splendens	Ocotillo
Fragaria chiloensis	Strawberry, Ornamental
Fraxinus Americana*	Ash, White
Fraxinus pensylvanica*	Ash, Green
Fraxinus velutina	Ash, Arizona
Gardenia jasminoides	Gardenia, Dwarf
Gardenia taitensis	Gardenia, Tahitian
Gazania splendens	Gazania gold rush
Gazania uniflora leucolaena	Gazania uniflora leucoleana
Geijera parviflora	Willow, Australia
Gelsemium sempervirens	Jessamine, Carolina
Geranium pratense	Cranesbill
Gladiolus x hortulanus	Gladiolus, Debbie; Jennie; Mahogany; Stargazer
Gleditsia triancanthos var. inermis	Honey locust / Shade master
Graptophyllum pictum	Caricature plant
Grevillea robusta	Oak, Silk
Grevillea rosmarinifolia	Spider flower
Hedera canariensis	Ivy, Algerian
Hedera helix	Ivy, English
Hedera helix hahnii	Ivy, Hahn's
Hemerocallis hybrids	Daylily
Hemigraphis sp.	Waffle plant / Metallic plant
Hesperaloe parviflora	Hesperaloe parviflora
Hibiscus rosa-sinensis	Hibiscus, Chinese
Hibiscus syriacus	Hibiscus, Althea
Hosta lancifolia	Hosta, Variegated
Hydrangea paniculata	Hydrangea, Panicle
Hydrangea quercifolia	Hydrangea, Oakleaf
Iberis sempervirens	Iberis, Candytuff
Ilex cornuta	Holly, Dwarf buford
llex crenata	Holly, Japanese
llex glabra	Inkberry, Compact
llex opaca	Holly, American
llex vomitoria	Yaupon, Dwarf yaupon / Tall
llex x attenuata	Holly, Fosteri
Ilex x meserveae	Holly, Meserve
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Scientific Name (cont.)	Common Name/Variety (cont.)
Iris sp.	Iris
Isotoma sp.	Blue Star Creeper
Ixora coccinea	Ixora
Jacaranda acutifolia	Jacaranda
Jacobinia ghiesbreghtiana	Water willow
Juniperus chinensis	Blue point, Blue vase juniper, Gold coast juniper, Gold tip, Hetzi, Hollywood, Juniper, Keteleeri, Nicks compact juniper, Parsoni, Sargent juniper, Torulosa
Juniperus conferta	Shore juniper
Juniperus horizontalis*	Juniper, Admiral
Juniperus procumbens	Juniper
Juniperus sabina	Pepin, Skandia, Buffalo, Juniper
Juniperus scopulorum	Juniper, Cologreen
Juniperus virginiana	Juniper, Red cedar
Justicia spicigera	Indigo, Firecracker, Mexican
Kochia scoparia f. trychophylla	Burningbush, Compact
Koelreuteria paniculata*	Golden-rain tree; Varnish tree
Lagerstroemia indica	Myrtle, Crepe
Lantana camara	Lantana, Bush
Lantana sellowiana	Lantana, Purple (trailing)
Leptospermum laevigatum	Australian tea tree
Leucophyllum frutescens	Sage, Texas
Liatris spicata	Gay feather
Ligustrum amurense	Ligustrum, Amur River
Ligustrum lucidum	Ligustrum, Wax
Ligustrum ovalifolium	Ligustrum, Privel/California
Ligustrum texanum	Ligustrum, Texas privet
Ligustrum x Vicari	Ligustrum, Vicari
Liquidambar styraciflua	Sweetgum, American
Liriope muscari	Liriope, Green / Variegated
Liriope spicata	Liriope Liriope
Livistona chinenis	Palm, Chinese fan
Lonicera x morrowii	Honeysuckle, Marrow
Lonicera xylosteum	Emerald mound
Lysiloma thornberii	Fern. Desert tree
,	Sally, Moneywort / Wandering
Lysimachia nummularia Magnolia grandiflora	Magnolia, Southern
Magnolia stellata	Magnolia, Star
Mahonia aquifolium	Mahonia
Mahonia wagoneri*	Mahonia, King's Ransom
Malus floribunda	, ,
	Crabapple, Showy
Mesembryanthemum drosanhemum hispidum	Ice plant, Rose
Mesembryanthemum drosanhemum productus	Ice plant, Purple trailing
Mesembryanthemum lampranthus spectabilis	Ice plant, Red spike
Metrosideros excelsus	New Zealand Christmas tree
Musa maurelli	Banana, Ethiopia
Myoporum parvifolium	Myoporum, Prostrate
Myrica cerifera	Myrtle, Wax
Nephrolepsis exaltata	Fern, Sword
Nerium oleander	Oleander, Pink / Variegated / Petite
Odocanthus sp.	Odocanthus sp.
Olea europaea	Olive tree
Olneya tesota	Ironwood
Opuntia Cholla	Cactus, Cholla
Osmanthus fragrans	Osmanthus, tea olive
Osteospermum fruticosum alba	Daisy, White africans
	Pachysandra, Japanese

Table 5. Over-The-Top Applications may be ap nonionic surfactant).	plied to the following ornamentals (Use only a
Scientific Name (cont.)	Common Name/Variety (cont.)
Parkinsonia aculeate	Palo Verde, green
Passiflora pfordtii	Passion vine
Pelargonium domesticum	Geranium
Pelargonium peltatum	Geranium, Ivy
Pelargonium x hortorum*	Geranium, Smash hit red
Pennisetum setaceum	Red fountain grass
Peperomia scandens	Radiator plant
Petunia sp.	Petunia
Philadelphus coronarius	Aurea
Philodendron oxycardium	Philodendron, "Micans" velvetleaf
Philodendron selloum	Philodendron selloum
Phoenix canariensis	Palm, Canary Island date
Phoenix roebelenii	Palm, Pygmy date
Photinia x fraseri	Photinia
Phyllostachys aurea	Phyllostachys, Golden bamboo
Physocarpus fruticosa	Physocarpus, Abbotswood / Gold drop /
	Jackmanni
Physocarpus opulifolius	Physocarpus, Dwarf ninebark / Nanus
Picea abies	Spruce, Norway
Picea glauca	Spruce Dwarf Alberta / Black Hills / Densata
Picea omorika	Spruce, Serbian
Picea pungens	Spruce, Blue
Pieris japonica	Lily-of-the-Valley Bush
Pilea nummularifolia	Creeping Charlie
Pinus canariensis	Pine, Canary Island
Pinus clause*	Pine, Sand
Pinus echinata*	Pine, Shortleaf
Pinus elliottii*	Pine, Slash
Pinus glabra*	Pine, Spruce
Pinus mugo	Pine, Dwarf Swiss mountain
Pinus nigra	Pine, Australian / Black
Pinus palustris*	Pine, Longleaf
Pinus ponderosa	Pine, Ponderosa / Western
Pinus pungens*	Pine, Table-Mountain
Pinus resinosa	Pine, Red
Pinus rigids*	Pine, Pitch
Pinus serotina*	Pine, Pond
Pinus strobiformus	Pine, Mexican border
Pinus strobes	Pine, Eastern white
Pinus sylvestris	Pine, Scotch
Pinus taeda*	Pine, Loblolly
Pinus virginiana	Pine, Virginia
Pittosporum phillyraeoides	Willow, Desert
Pittosporum Tobira	Willow, Wheelers dwarf, variegated
Platanus sp.*	Sycamore
Plumbago capensis	Plumbago, Cane
Podocarpus gracilior	Pine, African Fern
Podocarpus macrophylla	Pine, Yew
Polygonum capitatum	Clover, Pink
Polyscias fruticosa	Panax, Parsley
Polystichum capense	Fern, Shield
Portulaca grandiflora*	Portulaca, Sunglo
Potentilla fructose	Gold drop, Primrose beauty
Potentilla verna	Potentilla verna
Prosopis chilensis	Mesquite, Chilean
Protea compacts*	Protea
Protea cynaroides	Protea, Giant / King
Protea cynarolues Protea eximia*	Protea
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Scientific Name <i>(cont.)</i>	Common Name/Variety (cont.)
Protea nerifolia*	Protea, Oleander-leaved
Protea repens*	Protea
Prunus caroliniana compacta	Carolina cherry
Prunus trialoba	Almond, Flowering
Pseuderanthemum atropurpureum	Eranthemum, Purple false
Pseudotsuga menziesii	Fir, Douglas
Pyracanta koidzumii	Pyrancanths, Lodense
Pyracantha angustifolia	Firethorn, Variegated
Pyracantha coccinea	Firethorn, Scarlet; Lalandei
Pyracantha graberi	Firethorn
Pyracantha koidzumii x coccinea	Firethorn, Mojave
Pyrus calleryana	Pear, Bradford
Quercus palustris*	Oak, Pin
Quercus virginiana	Oak, Line
Raphiolepis indica	Pink lady
Raphiolepis umbellate	Hawthorn, Yedda / Indian
Rhamnus frangula	Buckthorn, Tallhedge
Rheullia california	Rhuellia californica
Rhododendron "Gable Hybrid"	Gable Hybrid
Rhododendron catawbiense	Chionoides, Elizabeth Gable, Less dark purple Purple elegans, Purple spendor, Rose Greeley, Roseum elegans, Roseum superbum, White catawba
Rhododendron formosa	Rhododendron
Rhododendron obtusum	Rhondodendron, Amoenum / Coral Bells
	Gumpo pink, Gumpo white, H.H. Hume, Hahm red, Herbert, Hino red, Kaempo, Kluis sensation, Masasoit, Mother's day, Pericat, Pink pearl, President Lincoln, Prize, Purple gem, Red ruffle, Red wing, Road runner, Rosebud, Royalty, Rutherfordiana Constances, Salmon spray, Snow, Stewartstonian, Sweetheart, Tabor, Tradition, White cascade
Rhododendron yedoense	Korean azalea/Poukhanense
Rhus aromatic	Sumac, Fragrant
Rhus lancea	Sumac, African standard
Rosa banksiae	Banksia
Rosa hybrida	Rose, Hybrid tea
Rosa sp.	Rose
Rosmarinus officinalis prostrates	Rosemary dwarf
Runohra adiantiformis	Fern, Leatherleaf
Salix alba	Willow, white
Salix babylonia*	Willow, weeping
Salix matsudana	Willow, Tortuosa corkscrew
Salix purpurea*	Willow, Basket / Purple
Salvia greggi	Sage, Autumn's
Sansevieria sp.	Moon glow
Sansevieria trifasciata	Hahnii / Mother-in-law's tongue
Santolina chamaecy parissus	Lavender cotton
Schefflera arboricola	Manila ripple
Schinus molle	California pepper tree
Schinus terebinthifolius	Pepper, Brazilian
Sedum brevifolium	Green stone crop
Sedum guatemalense	Brown bean
Sedum spectabile	Sedum
Sedum x rubrotinctum	Sedum
Sempervivum tectorum	Hen and chickens
Simmiondsia chinensii	Jojoba

mmon Name/Variety (cont.)
goda tree
h, American Mountain
irea, Coccinea
irea, Snowmound
irea, Thunberg
irea, Billard
irea, Anthony Waterer / Crispa / Froebelii / Gold Flame
atice, Annual
ewheel tree
d of Paradise, Giant
d of Paradise
libin
ac, Korean
ac, James McFarlane
stralian bush cherry
ırigold
s, Japanese
w, Dense / Hicks / Thayeri
llow bells
neysuckle, Cape
eyera
llow oleander tree
nerald green, Globosa, Pyramidalis, Techny, echny American arborvitae, white cedar, Voodwardii
rkman's
iden, Little-leaf
smine, Asiatic
smine, Star
gume, O'Conners
mlock, Eastern
ournum, Arrowwood
ournum, Japanese snowball
ntana, Twistwood; Wayfaring tree
ntago, Nannyberry
ournum
ournum, Nanum
ournum, Doublefile / tomentosum
purnum, Spandankwa
purnum, Compact cranberrybush
ournum, Judd
ournum, Willowwood
own Vetch
riwinkle
riwinkle, Myrtle / dwarf
Im, Mexican fan
eigelia, Newport red / Pink
losma
CCA
cca, Spanish dagger
cca, Weeping dagger
inia

^{*}Not applicable in California

Table 6. Directed applications 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 is applied over-the-top at label rates.

Scientific Name	Common Name/Variety
Abies fraseri	Fir, Fraser
Acer rubrum	Maple, Red
Ajuga variegate	Bugle weed
Ajuga reptans	Variegated ajuga
Aquilegia hybrid	Columbine
Arbutus unedo	Strawberry tree
Banksia prinotes*	Protea
Banksia victoria*	Protea
Banksia speciosa*	Protea
Begonia tweediana	Cats claw, Yellow trumpet
Callistemon viminalis	Bottle-brush, Weeping
Ceonothus griseus	Carmel Ceanothus, Carmel creeper, Yankee Point
Cupressocyparis leylandii	Cypress, Leyland
Dracaena fragans	Dracaena, Massangeana
Dracaena marginata	Dracaena, Tricolor
Eucalyptus citriodora	Gum, Lemon-scented
Feijoa sellowiana	Guava, Pineapple
Gamolepsis chrysanthemoides	Daisy, African bush
Gazania ringens	Daisy, African; Treasure flowers
Gladiolus x hortulanus	Gallery
Grewia caffra	Star plant, Lavender
Herniaria glabra	Green carpet
Juniperus chinensis	Juniper, Maney; Nana; Old Gold; Pfitzeriana; Prostrata; Robdsta; Spearmint
Juniperus conferta	Juniper, Blue Pacific
Juniperus horizontalis	Juniper, Blue Rug; Hughes; Variegata; Webberi; Wiltonii; Youngtown Compacta
Juniperus japonica	Juniper, San Jose
Juniperus sabina	Juniper, Arcadia; Broadmoor; Scandia; Tamariseifolia
Juniperus scopulorum	Juniper, Pathfinder; Welchii
Juniperus virginiana	Juniper, Grey Owl; Skyrocket
Lantana montevidensis	Lantana, White
Leucospermum cordifolium*	Protea, Pincushion
Leucothoe axillaris	Fetterbush
Ligustrum japonicum	Privet, Japanese
Lonicera japonica	Honeysuckle, Japanese
Nandina domestica	Bamboo, Heavenly
Nerium oleander standard	Oleander
Ophiopogon japonicum	Grass, Mondo
Opuntia sp.	Cactus, Prickly pear
Pennisetum setaceum	Grass, Fountain
Philodendron sp.	Philodendron
Plumeria acuminata	Plumeria, Temple tree
Podocarpus macrophyllus	Maki
Potentilla verna	Cinquefoil, Spring
Rhododendron indicum	Indica
Rhododendron obtusum	Eureka; Kurume; Sunglow
Rhododendron sp.	PJM Overtex plant
Rhoeo spathacea	Oyster plant
Ruellia ciliosa	Ruellia
Salix caroliniana	Willow Spires Verboutte
Spiraea x vanhoutteii	Spirea, Vanhoutte
Syringa chinensis Viburnum macrocephalum	Lilac Spawhall Chinese
vooronnu macrocentaliitii	Snowball, Chinese

^{*}Not applicable in California

Table 7. Directed applications 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 is applied over-the-top at label rates.

Scientific Name	Common Name/Variety
Acacia farnesiana	Acacia, sweet
Acacia latifolia	Acacia
Aptenia cordifolia	Hearts and flowers
Asystasia gangetica	Coromandel
Avium* prunum	Cherry mazzard
Baccharis sarothroides	Desert broom
Brachychiton populneus	Bottle tree
Cassia condolioma	Cassia
Cercidium praecox	Sonoran palo verde
Citharexylum spinosum	Fiddlewood
Cordyline stricta	Cordyline
Cupaniopsis anacardioides	Carrot wood
Crassula argentea	Jade plant
Cyperus alternifolius	Umbrella plant
Dicentra spectabilis	Bleeding heart
Dracaena deremensis	Janet Craig / Warneckii
Epipremnum aureum	Pothos; Marble Queen
Eucalyptus nicholii	Eucalyptus
Exococaria cochichinensis	Croton, Chinese crenate
Hibiscus lepenk	Hibiscus
Juniperus chinensis	Juniper, Armstrongii
Juniperus scopulorum	Juniper, Excelsa Strieta; Spiny Greek
Juniperus virginiana	Juniper, Burkii
Justicia betonia	Shrimp plant, white
Justicia brandegeana	Shrimp plant
Justicia carnea	Kings crown
Magnolia grandiflora	Magnolia, southern
Mesembryanthemum delosperma alba	Ice Plant, White (trailing)
Odontonema strictum	Cardinal guard; Firespike; Scarlet flame
Oenothera berlandieri	Primrose, Mexican evening
Pachystachys lutea	Shrimp plant, yellow
Pedilanthus tithymaloides	Slipper flower
Peperomia obtusifolia	Rubber plant, baby
Plectranthus australis	Ivy, Swedish
Polygonum capitatum	Knotweed, pinkhead
Rhododendron indicum	Formosa
Rhododendron obtusum	Hersey red, Hino pink, Hinodegeri
Rhododendron poukhanense	Karen
Rhus aromatica	Fragrant sumac
Thunbergia laurifolia	Thunbergia, laurel-leaved
Vaccinium achei	Blueberry, Tifblue

^{*}Not applicable in California

Table 8. Directed applications 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 is applied over-the-top at label rates

Scientific Name	Common Name/Variety
Acalypha godseffiana hertophylla	Fern, Australia tree
Alsophia australis	Birch, river
Betula nigra	Birch/River
Catharanthus roseus	Periwinkle, Madagascar
Chamaecyparis pisifera	Falsecypress, boulevard
Chlorophytum comosum	Spider plant
Cortederia selloana	Grass, Pampas
Euonymus alata	Compacta
Juniperus chinesis	Juniper, Sea green
Juniperus horizontalis	Juniper, blue chip
Juniperus scopulorum	Juniper, blue heaven
Juniperus spp.	Juniper, bar harbor; Prince of Wales
Kalanchoe fedtschenkoi	Lavender-scallops
Kalanchoe tubiflora	Chandelier plant
Physocarpus fruticosa	Katherine Dykes
Rhododendron obtusum	Hinocrimson
Setcreasea purpurea	Purple heart
Zebrina pendula	Wandering Jew

STORAGE AND DISPOSAL

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

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.

For Plastic Containers – Nonrefillable with capacities equal to or less than 5 gallons:

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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