

2217-728

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

2217-728

20 MAR 2009

Term of Issuance:

Name of Pesticide Product:

Ornamec

NOTICE OF PESTICIDE:

Registration
[X] Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PBI/Gordon Corporation
1217 West 12th St.
P.O. Box 014090
Kansas City, MO 64101-0090

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

- 1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. Submit one-year Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies in fulfillment of the PDCI by April 2010.
3. Make the following changes to the product label:
a. Revise the heading from "Inert Ingredients" to "Other Ingredients".
b. Revise the Personal Protective Equipment (PPE) section to read the following: "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."

Signature of Approving Official:

Joanne Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Handwritten signature of Joanne J. Miller

Date:

20 MAR 2009

- c. The Hazards to Humans and Domestic Animals statement "Harmful if swallowed." is optional and may be removed.
- d. Revise the second User Safety Requirements sentence to read "If no such instructions for washables **exist**, use detergent and hot water."
- e. Add the User Safety Recommendations statement "Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."
- f. On page 3, revise the texts to read "...when applied as ~~recommended~~ **directed** on this label." and "See the following Tables 1 through 4 for specific ~~recommended~~ uses."
- g. On page 4, revise the heading to read "Annual and Perennial Grass Control **Recommendations Directions**".
- h. Revise the heading from "Storage" to "Pesticide Storage".
- i. Revise the Container Disposal statement as outlined in PR Notice 2007-4.
- j. Add the phrase "To the extent consistent with applicable law" directly in front of the warranty statement "The manufacturer neither makes nor intends any other express or implied warranties..."

The basic Confidential Statement of Formula (CSF) dated April 10, 2008 is acceptable and will supercede all previous basic and alternate CSFs.

A stamped copy of your label is enclosed for your records. Submit one (1) copy of the revised final printed label for the record before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosure

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ACCEPTED
with COMMENTS
in EPA Letter Dated

20 MAR 2009

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

2217-728

ORNAMEC®

EPA Reg. No. 2217-728

ACTIVE INGREDIENT:

Fluazifop-P-butyl: Butyl(R)-2-[4-[[5-(trifluoromethyl)-2-
pyridinyl]oxy]phenoxy]propanoate.....

6.75%

INERT INGREDIENTS:.....

93.25%

TOTAL.....

100.0%

THIS PRODUCT CONTAINS:

0.5 lbs. (+) isomer (fluazifop-P-butyl) per gallon.

Contains petroleum distillates, xylene or xylene range aromatic solvent.

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

**STOP! 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 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.

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.
<p>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.</p> <p>Note to Physician: Contains Petroleum distillate—vomiting may cause aspiration pneumonia.</p>	

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.

General Information

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

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

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

Ornamec® can be used to control grass weeds in many newly transplanted and established ornamentals, trees, shrubs and groundcovers in noncrop areas. See the following Tables 1 through 4 for specific recommended uses.

Application of Ornamec® may be made over-the-top to ornamentals listed in Table 1. Plants listed in Tables 2 through 4 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 2 through 4. However, there is the possibility of damage in the range listed for each table when applied at label rates. Do not apply to ornamentals that may be harvested for food within one year after application. Do not apply this product through any type of irrigation system.

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

Application Directions

Timing - For ornamental use apply to actively growing grass weeds before they exceed the recommended growth stages shown below. Do not apply Ornamec® herbicide if rainfall is expected within 1 hour. Always add a nonionic surfactant containing at least 75% surface wetting agent at 0.25% vol./vol. (8 fl.oz. per 25 gallons) of finished spray volume.

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SPOT TREATMENTS TO CONTROL GRASS IN ORNAMENTALS, NURSERIES AND LANDSCAPING AREAS: Mix Ornamec® and only a nonionic surfactant with water according to the amounts shown below. Spray to obtain thorough coverage, but do not spray to runoff. Retreat if necessary.

To Make This Spray Volume	Add These Amounts	
	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.
1 fluid ounce (fl.oz.) = 2 tablespoons (Tbs.) = 6 teaspoons (tsp.)		

ANNUAL AND PERENNIAL GRASS CONTROL RECOMMENDATIONS:

- Use 64 to 96 fluid ounces of Ornamec® herbicide per acre and 0.25% (8 fl.oz per 25 gallons) of a nonionic surfactant. For perennial grasses, use 96 fluid ounces of Ornamec® per acre per application and three applications will be needed.
- Spray to obtain thorough coverage of grass foliage, but not to runoff. Repeat treatments may be necessary to provide full season control.
- Use standard pesticide hollow cone or flat fan nozzles.
- Apply Ornamec® herbicide to actively growing grasses before they exceed the recommended growth stages shown below.
- Do not apply 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.

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 0.3 fluid ounce (2 teaspoons) of this product and 0.3 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 (2.5 teaspoons) of this product and 0.3 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 (1.5 teaspoons) of this product with 0.3 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 0.3 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 turfgrass. Desirable grasses should recover within 10 - 14 days. Weather and cultural treatments can also affect applications. Use a minimum spray volume of 30 gallons of water per acre.

ANNUALS	
Grass Species	Growth Stage
Barnyardgrass (<i>Echinochloa crusgalli</i>)	2 to 8 inches tall, before tillering and/or heading.
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 contracta</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 milliaceum</i>)	
Witchgrass (<i>Panicum capillare</i>)	
Woolly cupgrass (<i>Eriochloa villosa</i>)	
PERENNIALS	
Grass Species	Growth Stage
Bermudagrass (<i>Cynodon dactylon</i>)	4 to 8 inch runners
Guineagrass (<i>Panicum maximum</i>)	6 to 12 inches tall before seedhead initiation
Quackgrass (<i>Agropyron repens</i>)	6 to 10 inches
Rhizome johnsongrass (<i>Sorghum halepense</i>)	8 to 18 inches tall and before boot stage
Torpedograss*	3 to 6 inches tall (first application)
(<i>Panicum repens</i>)	2 to 3 inches tall (subsequent application)
Wirestem muhly (<i>Muhlenbergia frondosa</i>)	4 to 12 inches tall before seedhead initiation
*Use 96 fluid ounces/A/application. Three (3) applications will be needed.	

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)	
Scientific Name	Common Name/Variety
<i>Abelia grandiflora</i>	Glossy abelia
<i>Abies concolor</i>	Concolor fir
<i>Abies procera</i>	Noble fir
<i>Acacia redolens</i>	Acacia ongerops
<i>Acacia salacina</i>	Willow-leafed acacia
<i>Acacia saligna</i>	Willow acacia
<i>Acacia schafnerii</i>	Jim wheat acacia

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)	
Scientific Name	Common Name/Variety
Acacia stenophylla	Shoe-string acacia
Acer palmatum	Maple/Japanese
Acer platanoides	Norway maple
Acer saccharinum	Silver maple
Achillea filipendulina	Coronation gold, fernleaf yarrow
Achillea millefolium	Common yarrow
Acrocastrum romanzoffianum	Queen palm
Agapanthus africanus	Peter Pan lily of the Nile
Agave americana	Century plant
Ageratum sp.	Flossflower, Pussyfoot
Aglanoema commutatum	Fransher evergreen, Silver Queen evergreen, Treubii ribbon evergreen
Aglanoema crispum	Painted evergreen
Alcea rosea	Hollyhock
Allium schoenoprasum	Chives
Aloe barbadensis	Barbados aloe
Aloe vera	Aloe
Aloe zanzibarica	Aloe
Alyssum sp.	Madwort
Araucaria heterophylla	Norfolk Island pine
Arctostaphylos uva-ursi	Red bearberry
Arctotheca calendula	Capeweed
Arenaria verna	Sandwort
Asparagus densiflorus	Myres asparagus, Sprenger asparagus, Sprenger
Astilbe x arendsii	False spirea
Atriplex sp.	Saltbrush
Aucuba japonica	Aucuba
Aucuba japonica variegata	Japanese laurel
Berberis mentorensis	Mentor barberry
Berberis thunbergii	Crimson pygmy
Bougainvillea sp.	Raspberry ice
Buxus microphylla var. koreana	Korean boxwood
Buxus microphylla var. japonica	Japanese boxwood
Buxus sempervirens	Welleri, Common boxwood
Caesalpinia cacalaco	Brazilwood
Caesalpinia gilliesii	Bird of paradise
Calendula sp.	Marigold
Callistemon lanceolatus	Bottle-brush
Calluna vulgaris	Scotch heather
Camellia japonica	Camellia
Camellia sasanqua	Sansanqua camellia
Campanula carpatica	Bellflower
Carissa grandiflora	Natal plum
Carissa tuttlei	
Carnegiea gigantea	Saguaro cactus
Cassia artemisioides	Feathery cassia
Cassia didymobotrya	African cassia
Cassia sturtii	Senna
Centaurea cineraria	Dusty miller

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)	
Scientific Name	Common Name/Variety
<i>Cerastium tomentosum</i>	Snow in summer
<i>Ceratonia siliqua</i>	Carob tree
<i>Cercis canadensis</i>	Red bud
<i>Chamaecyparis obtusa</i>	Hinoki falsecypress
<i>Chamaecyparis lawsoniana</i>	Lawson cypress
<i>Chamaecyparis pisifera</i>	Sawara cypress
<i>Chamaerops excelsa</i>	Windmill palm
<i>Chamaerops humilis</i>	Mediterranean fan palm.
<i>Chrysalidocarpus lutescens</i> (Small)	Golden fruited palm
<i>Chrysanthemum x superbum</i>	Shasta daisy
<i>Cissus rhombifolia</i>	Ellen Danica, Grape ivy
<i>Cistus hybridus</i>	Rock rose
<i>Citrus aurantium</i>	Sour orange
<i>Citrus paradisi</i>	Grapefruit
<i>Clerodendrum speciosum</i>	Pagoda flower
<i>Cleyera</i> spp.	Cleyera
<i>Clivia miniata</i>	Kaffir lily
<i>Cocos plumosa</i>	Queen palm
<i>Codiaeum variegatum</i>	Croton
<i>Coffea arabica</i>	Coffee
<i>Coleus x hybridus</i>	Coleus
<i>Convolvulus oneorum</i>	Bush morningglory
<i>Coprosma baueri</i>	Mirror plant
<i>Coprosma repens</i>	Variegated mirror plant
<i>Cordyline terminalis</i>	Ti
<i>Coreopsis verticillata</i>	Threadleaf coreopsis
<i>Cornus florida</i>	Flowering dogwood
<i>Cornus mas</i>	Cornelian cherry dogwood
<i>Cornus sericea</i>	Red twig dogwood, Flaviramea
<i>Cotoneaster apiculata</i>	Cotoneaster
<i>Cotoneaster dammeri</i>	Coral beauty, Royal beauty
<i>Cotoneaster divaricatus</i>	Spreading cotoneaster
<i>Cotoneaster microphyllus</i>	Cotoneaster
<i>Cotoneaster repens</i>	Cotoneaster
<i>Cotoneaster salicifolius</i> franch	Willowleaf cotoneaster
<i>Crossandra nilotica</i>	Crossandra
<i>Cupressus sempervirens</i>	Italian cypress
<i>Cycus revoluta</i>	Sago palm
<i>Deutzia gracilis</i>	Slender deutzia
<i>Dianthus barbatus</i>	Sweet William
<i>Dieffenbachia amoena</i>	Giant dumbcane
<i>Diervilla lonicera</i>	Bush honeysuckle
<i>Dodonea viscosa purplurea</i>	Purple hopseed bush
<i>Echinocactus</i> sp.	Hedgehog cactus
<i>Elaeagnus angustifolia</i>	Russian olive
<i>Encelia farinosa</i>	Bittle brush
<i>Erythrina fusca</i>	Fastadiata, Swamp immortelle
<i>Escallonia fradessii</i>	Escallonia
<i>Escallonia rubra</i>	Escallonia

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)

Scientific Name	Common Name/Variety
<i>Eucalyptus microtheca</i>	Gum-barked coolibah
<i>Eucalyptus polyanthemos</i>	Red box gum
<i>Eucalyptus rostrata</i>	Red gum
<i>Eucalyptus spathulata</i>	Narrow-leaf gimlet
<i>Eucalytus rudis</i>	Desert gum
<i>Eugenia myrtifolia</i>	Brush cherry
<i>Euonymus alata</i>	Siebold
<i>Euonymus fortunei</i>	Euonymus
<i>Euonymus japonica</i>	Silver King
<i>Euonymus kiautschovica</i>	Spreading euonymus
<i>Euphorbia lactea</i>	Candelabra plant
<i>Euryops pectinatus</i>	Grayleafed euryops
<i>Fatsyhedera lizei</i>	Fatsyhedera
<i>Ferocactus sp.</i>	Barrel cactus
<i>Ficus benjamina</i>	Exotica weeping fig
<i>Ficus elastica decora</i>	Rubber tree
<i>Ficus macrocarpa nitiida</i>	Indian laurel
<i>Ficus nitida</i>	Indian laurel
<i>Ficus repens</i>	Creeping fig
<i>Forsythia intermedia</i>	Forsythia
<i>Forsythia sp.</i>	Forsythia
<i>Forsythia suspensa</i>	Weeping forsythia
<i>Forsythia 'suspensa</i>	Forsythia
<i>Fouquieria splendens</i>	Ocotillo
<i>Fragaria chiloensis</i>	Ornamental strawberry
<i>Fraxinus velutina</i>	Arizona ash
<i>Gardenia jasminoides</i>	Gardenia, dwarf
<i>Gardenia taitensis</i>	Tahitian gardenia
<i>Gazania splendens</i>	Gazania gold rush
<i>Gazania uniflora leucolaena</i>	Gazania
<i>Geijera parviflora</i>	Australia willow
<i>Gelsemium sempervirens</i>	Carolina Jessamine
<i>Geranium pratense</i>	Cranesbill
<i>Gladiolus x hortulanus</i>	Debbie, Jennie, Mahogany, Stargazer
<i>Gleditsia triancanthos var. inermis</i>	Honey locust/Shade master
<i>Graptophyllum pictum</i>	Caricature plant
<i>Grevillea robusta</i>	Silk oak
<i>Grevillea rosmarinifolia</i>	Spider flower
<i>Hedera canariensis</i>	Algerian ivy
<i>Hedera helix</i>	English ivy
<i>Hedera helix hahnii</i>	Hahn's ivy
<i>Hemerocallis hybrids</i>	Daylily
<i>Hemigraphis sp.</i>	Waffle plant/Metallic plant
<i>Hesperaloe parviflora</i>	
<i>Hibiscus rose-sinensis</i>	Chinese hibiscus
<i>Hibiscus syriacus</i>	Althea
<i>Hosta lancifolia</i>	Variegated hosta
<i>Hydrangea paniculata</i>	Panicle hydrangea
<i>Hydrangea quercifolia</i>	Oakleaf hydrangea

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)

Scientific Name	Common Name/Variety
<i>Iberis sempervirens</i>	Candytuff
<i>Ilex cornuta</i>	Dwarf burford holly
<i>Ilex crenata</i>	Japanese holly
<i>Ilex glabra</i>	Compact inkberry
<i>Ilex opaca</i>	American holly
<i>Ilex vomitoria</i>	Dwarf yaupon/Tall yaupon
<i>Ilex x attenuata</i>	Fosteri holly
<i>Ilex x meserveae</i>	Meserve holly
<i>Iris sp.</i>	Iris
<i>Isotoma sp.</i>	Blue star creeper
<i>Ixora coccinea</i>	Ixora
<i>Jacaranda acutifolia</i>	Jacaranda
<i>Jacobinia ghiesbreghtiana</i>	Water willow
<i>Juniperus chinensis</i>	Blue point, Blue vase juniper, Gold coast juniper, Gold tip, Hetzi, Hollywood, Juniper, Keteleeri, Nicks compact juniper, Parsoni, Sargent juniper, Torulosa
<i>Juniperus conferta</i>	Shore juniper
<i>Juniperus horizontalis</i>	Admiral, Plumosa
<i>Juniperus procumbens</i>	Juniper
<i>Juniperus sabina</i>	Pepin, Skandia, Buffalo, Juniper
<i>Juniperus scopulorum</i>	Cologreen, Wichita blue
<i>Juniperus virginiana</i>	Red cedar
<i>Justicia spicigera</i>	Firecracker, Mexican indigo
<i>Kochia scoparia trychophylla</i>	Compact burningbush
<i>Lagerstroemia indica</i>	Crepe myrtle
<i>Lantana camara</i>	Bush lantana
<i>Lantana sellowiana</i>	Purple lantana (trailing)
<i>Leptospermum laevigatum</i>	Australian tea tree
<i>Leucophyllum frutescens</i>	Texas sage
<i>Liatris spicata</i>	Gay feather
<i>Ligustrum amurense</i>	Amur river
<i>Ligustrum ovalifolium</i>	Privet/California
<i>Ligustrum texanum</i>	Texas privet
<i>Ligustrum x Vicari</i>	Vicari
<i>Liquidambar styraciflua</i>	American sweetgum
<i>Liriope muscari</i>	Green liriope/Variiegated liriope
<i>Liriope spicata</i>	Liriope
<i>Livistona chinensis</i>	Chinese fan palm
<i>Lonicera x morrowii</i>	Morrow honeysuckle
<i>Lonicera xylosteum</i>	Emerald mound
<i>Lysiloma thornberii</i>	Desert fern tree
<i>Lysimachia nummularia</i>	Moneywort/Wandering Sally
<i>Magnolia sp.</i>	Oregon grapeholly
<i>Magnolia stellata</i>	Star magnolia
<i>Mahonia aquifolium</i>	Mahonia
<i>Malus floribunda</i>	Showy crabapple
<i>Mesembryanthemum drosanhemum hispidum</i>	Rose ice plant
<i>Mesembryanthemum lampranthus</i>	Purple trailing ice plant
<i>Mesembryanthemum spectabilis</i>	Red spike ice plant

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)	
Scientific Name	Common Name/Variety
Metrosideros excelsus	New Zealand Christmas tree
Musa maurelli	Ethiopia banana
Myoporum parvifolium	Prostrate myoporum
Myrica cerifera	Wax myrtle
Nephrolepis exaltata	Sword fern
Nerium oleander	Pink, variegated, petite oleander
Odocanthus sp.	
Olea europaea	Olive tree
Olneya tesota	Ironwood
Opuntia Cholla	Cholla cactus
Osmanthus fragrans	Osmanthus, tea olive
Osteospermum fruticosum alba	White African daisy
Pachysandra terminalis	Japanese pachysandra
Parkinsonia aculeata	Green palo verde
Passiflora pfordtii	Passion vine
Pelargonium domesticum	Geranium
Pelargonium peltatum	Ivy geranium
Pennisetum setaceum	Red fountain grass
Peperomia scandens	Radiator plant
Petunia sp.	Petunia
Philadelphus coronarius	Aurea
Philodendron oxycardium	"Micans" velvetleaf philodendron
Philodendron selloum	Philodendron
Phoenix canariensis	Canary Island date palm
Phoenix roebelenii	Pygmy date palm
Photinia x fraseri	Photinia
Phyllostachys aurea	Golden bamboo
Physocarpus fruticosa	Abbotswood, Gold drop, Jackmanni
Physocarpus opulifolius	Dwarf Ninebark, Nanus
Picea abies	Norway spruce
Picea glauca	Black hills, Densata, Dwarf Alberta
Picea omorika	Serbian spruce
Picea pungens	Blue spruce
Pieris japonica	Lily-of-the-valley bush
Pilea nummularifolia	Creeping Charlie
Pinus canariensis	Canary Island pine
Pinus mugo	Dwarf Swiss mountain pine
Pinus nigra	Austrian pine/Black pine
Pinus ponderosa	Western/Ponderosa pine
Pinus resinosa	Red pine
Pinus strobiformus	Mexican border pine
Pinus strobus	Eastern white pine
Pinus sylvestris	Scotch pine
Pittosporum phillyraeoides	Desert willow
Pittosporum Tobira	Wheeler's dwarf, variegated
Plumbago capensis	Cane plumbago
Podocarpus gracillior	African fern pine
Podocarpus macrophylla	Yew pine
Polygonum capitatum	Pink clover

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)

Scientific Name	Common Name/Variety
<i>Polyscias fruticosa</i>	Parsley panax
<i>Polystichum capense</i>	Shield fern
<i>Potentilla frutosa</i>	Gold drop, Primrose beauty
<i>Prosopis chilensis</i>	Chilean mesquite
<i>Prunus caroliniana compacta</i>	Carolina cherry
<i>Prunus triloba</i>	Flowering almond
<i>Pseuderanthemum atropurpureum</i>	Purple false eranthemum
<i>Pseudotsuga menziesii</i>	Douglas fir
<i>Pyracanta koidzumii</i>	Lodense pyracantha
<i>Pyracantha angustifolia</i>	Variegated firethorn
<i>Pyracantha coccinea</i>	Scarlet firethorn, Lalandei
<i>Pyracantha graberi</i>	Pyracantha
<i>Pyracantha koidzumii x coccinea</i>	Mojave firethorn
<i>Pyrus calleryana</i>	Bradford pear
<i>Quercus virginiana</i>	Oak, live
<i>Raphiolepis indica</i>	Pink lady
<i>Raphiolepis umbellata</i>	Hawthorn, Yedda/Indian
<i>Rhamnus frangula</i>	Tallhedge buckthorn
<i>Rheullia californica</i>	
<i>Rhododendron "Gable Hybrid"</i>	Elizabeth Gable, Purple splendor, Rose greely
<i>Rhododendron catawbiense</i>	Chionoides rhododendron, English roseum, Lees dark purple, Purple elegans, Roseum elegans, Roseum superbum, White cattawba
<i>Rhododendron formosa</i>	Rhododendron
<i>Rhododendron obtusum</i>	Amoenum, Coral bells
<i>Rhododendron sp.</i>	Blaauw's pink, Boule de neige, Delaware Valley white, Fashion, Gerard's rose, Gibraltar, Gloria, Greeting, 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 Constance, Salmon spray, Stewartstonian, Sweetheart, Snow, Tabor, Tradition, White cascade
<i>Rhododendron yedoense</i>	Korean azalea/Poukhanense
<i>Rhus lancea</i>	African sumac standard
<i>Rosa banksiae</i>	Banksia
<i>Rosa hybrida</i>	Hybrid tea rose
<i>Rosa sp.</i>	Rose
<i>Rosmarinus officinalis prostratus</i>	Rosemary dwarf
<i>Salix alba</i>	Weeping willow
<i>Salix matsudana</i>	Tortuosa corkscrew willow
<i>Salvia greggii</i>	Autumn's sage
<i>Sansevieria sp.</i>	Moon glow
<i>Sansevieria trifasciata</i>	Hahnii/Mother-in-law's tongue
<i>Santolina chamaecyparissus</i>	Lavender cotton
<i>Schefflera arboricola</i>	Manila ripple
<i>Schinus molle</i>	California pepper tree
<i>Schinus terebinthifolius</i>	Brazilian pepper tree
<i>Sedum brevifolium</i>	Green stone crop
<i>Sedum guatemalense</i>	Brown beam

Table 1. Over-The-Top Applications may be applied to the following ornamentals (Use only a nonionic surfactant)	
Scientific Name	Common Name/Variety
<i>Sedum spectabile</i>	Sedum
<i>Sedum x rubrotinctum</i>	Sedum
<i>Sempervivum tectorum</i>	Hen and chickens
<i>Simmondsia chinensis</i>	Jobba
<i>Spiraea nipponica</i>	Snowmound spirea
<i>Spiraea x billiardii</i>	Billiard spirea
<i>Spiraea x bumalda</i>	Anthony Waterer, Crispa spirea, Froebelii, Gold flame
<i>Statice sinuata</i>	Annual statice
<i>Stenocarpus sinuatus</i>	Firewheel tree
<i>Strelitzia nicolai</i>	Giant bird of paradise
<i>Strelitzia reginae</i>	Bird of paradise
<i>Syringa meyeri</i>	Palibin
<i>Syringa patula</i>	Korean lilac
<i>Syringa villosa</i>	James McFarlane lilac
<i>Syzygium paniculatum</i>	Australian bush cherry
<i>Tagetes sp.</i>	Marigold
<i>Taxus cuspidata</i>	Japanese yew
<i>Taxus x media</i>	Dense yew, Hicks yew, Thayeri yew
<i>Tecoma stans angustate</i>	Yellow bells
<i>Tecomaria capensis</i>	Cape honeysuckle
<i>Ternstroemia gymnanthera</i>	Cleyera
<i>Thevetia peruviana</i>	Yellow oleander tree
<i>Thuja occidentalis</i>	Emerald green, Globosa, Pyramidalis, Techny, Techny American arborvitae, White cedar, Woodwardii
<i>Thuja orientalis</i>	Arborvitae
<i>Trachelospermum asiaticum</i>	Asiatic jasmine
<i>Trachelospermum jasminoides</i>	Star jasmine
<i>Trifolium fragiferum</i>	O'Connors legume
<i>Tsuga canadensis</i>	Eastern hemlock
<i>Viburnum dentatum</i>	Arrowwood viburnum
<i>Viburnum japonicum</i>	Viburnum/Japanese snowball
<i>Viburnum odoratissimum</i>	Viburnum
<i>Viburnum opulus</i>	Nanum
<i>Viburnum plicatum</i>	Doublefile viburnum/tomentosum
<i>Viburnum suspensum</i>	Sandankwa viburnum
<i>Viburnum trilobum</i>	Compact cranberrybush viburnum
<i>Viburnum x juddii</i>	Judd
<i>Viburnum x rhytidophylloides</i>	Viburnum/willowwood
<i>Vicia sp.</i>	Crown vetch
<i>Vinca major</i>	Periwinkle
<i>Vinca minor</i>	Periwinkle, Myrtle, dwarf
<i>Washingtonia robusta</i>	Mexican fan palm
<i>Weigela florida</i>	Newport red, Pink weigelia
<i>Xylosma senticosa</i>	Xylosma
<i>Yucca filamentosa</i>	Yucca
<i>Yucca gloriosa</i>	Spanish dagger
<i>Yucca pendula</i>	Weeping dagger
<i>Zinnia sp.</i>	Zinnia

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Table 2. Directed applications are recommended to minimize the foliar injury of the ornamentals shown in the list below. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below. Limited testing of the same plants has shown phytotoxicity of up to 20% when Ornamec® herbicide is applied over-the-top at label rates.

Scientific Name	Common Name/Variety
<i>Abies fraseri</i>	Fraser fir
<i>Acer rubrum</i>	Red maple
<i>Ajuga variegata</i>	Bugle weed
<i>Ajuga reptans</i>	Variiegated ajuga
<i>Aquilegia hybrida</i>	Columbine
<i>Arbutus unedo</i>	Strawberry tree
<i>Begonia tweediana</i>	Cats claw, Yellow trumpet
<i>Callistemon viminalis</i>	Weeping bottle-brush
<i>Ceanothus griseus</i>	Redroot
<i>Cupressocyparis leylandii</i>	Leyland cypress
<i>Dracaena fragans</i>	Massangeana, dracaena
<i>Dracaena marginata</i>	Tricolor dracaena
<i>Eucalyptus citriodora</i>	Lemon-scented gum
<i>Feijoa sellowiana</i>	Pineapple guava
<i>Gamolepsis chrysanthemoides</i>	
<i>Gazania ringens</i>	Gazania
<i>Gladiolus x hortulanus</i>	Gallery
<i>Grewia caffra</i>	Lavender star plant
<i>Herniaria glabra</i>	Green carpet
<i>Juniperus chinensis</i>	Maney, Nana, Old gold, Pfitzerana, Prostrata, Robusta, Spearmint
<i>Juniperus conferta</i>	Blue Pacific
<i>Juniperus horizontalis</i>	Blue rug, Hughes, Variagata, Webberi, Wiltonii, Youngtown compacta
<i>Juniperus japonica</i>	Juniper
<i>Juniperus sabina</i>	Arcadia, Broadmoor, Scandia, Tamariseifolia
<i>Juniperus scopulorum</i>	Pathfinder, Welchii
<i>Juniperus virginiana</i>	Grey owl, Sky rocket
<i>Lantana montevidensis</i>	White lantana
<i>Leucothoe axillaris</i>	Fetterbush
<i>Ligustrum japonicum</i>	Japanese privet
<i>Lonicera japonica</i>	Japanese honeysuckle
<i>Nandina domestica</i>	Heavenly bamboo
<i>Nerium oleander standard</i>	Oleander
<i>Ophiopogon japonicum</i>	Mondo grass
<i>Opuntia sp.</i>	Prickly pear cactus
<i>Pennisetum setaceum</i>	Green fountain grass
<i>Philodendron sp.</i>	Philodendron
<i>Plumeria acuminata</i>	Temple tree
<i>Podocarpus macrophyllus</i>	Maki
<i>Potentilla verna</i>	Spring cinquefoil
<i>Rhododendron indicum</i>	Indica
<i>Rhododendron obtusum</i>	Eureka, Kurume
<i>Rhododendron sp.</i>	P.J.M.
<i>Rhoeo spathacea</i>	Oyster plant
<i>Ruellia ciliosa</i>	Ruellia
<i>Salix caroliniana</i>	Willow

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Table 2. Directed applications are recommended to minimize the foliar injury of the ornamentals shown in the list below. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below. Limited testing of the same plants has shown phytotoxicity of up to 20% when Ornamec® herbicide is applied over-the-top at label rates.

Scientific Name	Common Name/Variety
<i>Spiraea x vanhoutteii</i>	Vanhoutte spirea
<i>Syringa chinensis</i>	Lilac
<i>Viburnum macrocephalum</i>	Chinese snowball

Table 3. Directed applications are recommended to minimize the foliar injury of the ornamentals shown in the list below. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below. Limited testing of the same plants has shown phytotoxicity of up to 50% when Ornamec® herbicide is applied over-the-top at label rates.

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

Table 3. Directed applications are recommended to minimize the foliar injury of the ornamentals shown in the list below. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below. Limited testing of the same plants has shown phytotoxicity of up to 50% when Ornamec® herbicide is applied over-the-top at label rates.

Scientific Name	Common Name/Variety
Thunbergia laurifolia	Laurel-leaved thunbergia
Vaccinium ashei	Tifblue blueberry

Table 4. Directed applications are recommended to minimize the foliar injury of the ornamentals shown in the list below. When possible and plant growth habit allows, applications should be made as a directed spray to the plants listed below. Limited testing of the same plants has shown phytotoxicity greater than 50% when Ornamec® herbicide is applied over-the-top at label rates.

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

STORAGE AND DISPOSAL

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

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

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

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

LIMITED WARRANTY AND DISCLAIMER

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

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THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

APPENDIX

1. Statements which may appear on different label components depending on packaging configuration.

- See next panel for additional Precautionary Statements and First Aid
- Net Contents: _____
- EPA Est. No. _____

2. Advertising claims that may appear on the container labeling:

- Control Grass In Ornamentals, Nurseries & Landscaping
- See Label Directions for Species Not to be Sprayed Over-The-Top

DOCUMENT CONTROL INFORMATION

- 1. Unique Label Identifier:** 002217.00728.20071029
- 2. Previous Version:** AP052504
- 3. Reason for Issue:** 8-month response for reregistration, reformatted label