

PM 23 10182-393

yellow
1997

APR 8 1997

Mr. Wayne R. Hillebrecht
Zeneca Inc., Zeneca Ag Products
1800 Concord Pike
P.O. Box 15458
Wilmington, DE 19850-5458

Dear Mr. Hillebrecht:

SUBJECT: Label Amendment: Adding Tank Mix with Reward Herbicide;
Change in Product Name of Record.
Fusilade II Turf and Ornamental Herbicide
EPA File Symbol: 10182-393
Your Submissions Dated April 1, 1997, and April 7, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Add the following footnote to the ingredient statement:
"Contains petroleum hydrocarbons"

2. Delete the phrase "if irritation persists" from the dermal statement of practical treatment.

3. Add the following inhalation statement of practical treatment:

"IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention."

4. Add the following Note to Physician in close proximity to, but clearly distinguished from, the statements of practical treatment:

"Note To Physician: May pose an aspiration pneumonia hazard."

RD:STANTON:PM Team 23:Rm. 235:CM-2:305-5218:Disk #5:S521334.LET

CONCURRENCES

SYMBOL >	7505C							
SURNAME >	S. Stanton							
DATE >	Apr 8, 1997							

5. Revise the dermal sensitization statement ("May cause allergic skin reactions") in accordance with the Agency's latest guidance. The preferred wording is as follows:

"Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

6. Submit one copy of your final printed labeling before you release the product for shipment.

The subject product is a 100% repack of Fusilade DX Herbicide (EPA Reg. No. 10182-367). Accordingly, the two products should have identical precautionary labeling. The revisions described in items 1 through 5, above, will make the precautionary labeling consistent between the two products.

We acknowledge the change in the name of record for the subject product from "Fusilade 2EC Turf and Ornamental Herbicide" to "Fusilade II Turf and Ornamental Herbicide". Please use the new name in all future correspondence with the Agency concerning this product.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

3 of 36

FUSILADE® II Turf and Ornamental Herbicide

COMPLETE DIRECTIONS FOR USE AND USE PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACTIVE INGREDIENT:

Fluazifop-P-butyl	
Butyl (R)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate*	24.5%
INERT INGREDIENTS	<u>75.5%</u>
TOTAL	100.0%

*FUSILADE II Turf and Ornamental herbicide contains 2 pounds (+) isomer (fluazifop-P-butyl) per gallon

EPA Reg. No. 10182-393

Made in U.S.A.
ZENECA Professional Products
ZENECA Inc.
Wilmington, DE 19850-5458

ACCEPTED
with **COMMENTS**
In EPA Letter Dated
APR 8 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
10182-393

REC'D
97 APR -3 P2:20
70PP01

TABLE OF CONTENTS

	Page
STATEMENT OF PRACTICAL TREATMENT	
PRECAUTIONARY STATEMENTS	
DIRECTIONS FOR USE	
AGRICULTURAL USE REQUIREMENTS	
STORAGE AND DISPOSAL	
General Information	
Application Directions	
Timing	
Spray Additives	
Ground Application	
Band Application	
Cultivation	
Spot Treatment	
General Use Precautions	
NONFOOD AGRICULTURAL USES - ORNAMENTALS	
Additional Grass Weed Control	
General Use Precautions	
Use Rates	
Tables 1-4 (Lists of Ornamentals)	
NONFOOD USES - NONCROP AREAS, ORNAMENTALS AND TURF	
NON-AGRICULTURAL USE REQUIREMENTS	
General Use Precautions	
Use Rates	
Additional Grass Weed Control	
GRASS CONTROL GROWTH STAGES	
Annuals	
Perennials	
Scientific Names of Weeds (Appendix)	
Rate Conversion Table	

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water. Call physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF ABSORBED THROUGH SKIN OR INHALED. CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTIONS. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

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 handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Viton or Neoprene Rubber.
- Shoes plus socks.

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Viton or Neoprene Rubber.
- Shoes plus socks.
- Protective eyewear.
- 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.

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When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 - Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
-

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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.

This labeling must be in the possession of the user at the time of application.

AGRICULTURAL USES: COMMERCIAL SOD FARMS, ORNAMENTALS GROWN IN COMMERCIAL GREENHOUSES AND NURSERIES

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 (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required 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, is:

- Coveralls.
 - Chemical-resistant gloves, such as Barrier Laminate or Nitrile Rubber or Viton or Neoprene Rubber.
 - Shoes plus socks.
-

STORAGE AND DISPOSAL

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

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

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

CONTAINER DISPOSAL:

Metal Containers: Triple-rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

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

MINI BULK CONTAINER PRECAUTIONS - Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn thread on closure devices. **REFILL ONLY WITH FUSILADE® II TURF AND ORNAMENTAL.** The contents of this container cannot be completely removed by cleaning. Refilling with materials other than FUSILADE II Turf and Ornamental herbicide will result in contamination and may weaken container. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container. **CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.**

GENERAL INFORMATION

Read all label directions before using.

FUSILADE II Turf and Ornamental Herbicide is a selective postemergence herbicide for control of annual and perennial grass weeds in noncrop areas and nonbearing ornamentals and certain turf grasses. FUSILADE II Turf and Ornamental Herbicide will provide effective control of grass weeds in conventional tillage, minimum tillage, and no-till plantings. FUSILADE II Turf and Ornamental Herbicide does not control broadleaf weeds or sedges (nutgrass).

FUSILADE II Turf and Ornamental 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.

FUSILADE II Turf and Ornamental Herbicide is rainfast in one hour.

CONTROL SYMPTOMS: Thorough coverage of all weed plant foliage is important for good activity. Optimum weed control is achieved when young actively growing weeds are treated that are not under stress from moisture, temperature, low soil fertility, mechanical, or chemical injury.

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 week after treatment, depending on grass weed species and environmental conditions.

INFORMATION ON WEED RESISTANCE

Naturally occurring biotypes of certain grass species with resistance to this herbicide and related products (same mode of action) are known to exist. Selection of resistant biotypes, through repeated use of these herbicides, may result in control failures.

If poor performance cannot be attributed to adverse weather conditions or improper application methods, a resistant biotype may be present. In such a case, additional treatments with this herbicide or related products is not recommended. Consult your local company representative or agricultural advisor for assistance.

10 of 36

APPLICATION DIRECTIONS

TIMING - Best control of susceptible grasses is obtained when FUSILADE II Turf and Ornamental herbicide is applied to actively growing grasses before they exceed the recommended growth stages shown on this label. Refer to the grass weed table for specific recommendations on weed growth stages.

SPRAY ADDITIVES - Only nonionic surfactants cleared for use on growing crops under 40 CFR 180.1001 may be used in spray mixture.

ALWAYS ADD THE FOLLOWING:

Nonionic Surfactant - Add nonionic surfactant containing at least 75% surface-active agent, at 0.25-0.5% v/v (1/2-1 pint per 25 gallons) of the finished spray volume for ground sprays.

GROUND APPLICATION - Use sufficient spray volume and pressure to ensure complete coverage of the target grasses. Apply in 5-40 gallons per acre of spray mixture with spray pressures of 40-60 psi at the nozzle tip. When grass foliage is dense, use 60 psi and a minimum of 20 gallons per acre to ensure coverage of weed foliage. Do not exceed the maximum application rates for FUSILADE II Turf and Ornamental herbicide.

DO NOT USE FLOOD TYPE OR OTHER SPRAY NOZZLE TIPS WHICH DELIVER COARSE, LARGE DROPLET SPRAYS.

DO NOT APPLY FUSILADE II Turf and Ornamental HERBICIDE WITH RECIRCULATING SPRAYERS, ROPE-WICK APPLICATORS, CONTROLLED DROPLET APPLICATORS (CDA) OR ANY SIMILAR DEVICES.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

BAND APPLICATIONS - Thorough weed coverage is important for control.

CULTIVATION - Cultivation of treated grasses is not recommended within 7 days prior to or within 7 days after application of FUSILADE II Turf and Ornamental herbicide, as weeds may be put under stress, reducing weed control. Timely cultivation 2-3 weeks after applying FUSILADE II Turf and Ornamental herbicide may assist weed control.

SPOT TREATMENTS

Mix FUSILADE II Turf and Ornamental herbicide and 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.

SPOT SPRAY RECOMMENDATIONS

To Make This Spray Volume	Add These Amounts	
	FUSILADE II Turf and Ornamental	Nonionic Surfactant
1 gallon	0.75 fl. oz.	1/2 fl. oz.
10 gallons	6.5 fl. oz.	3 fl. oz.
25 gallons	1 pint	1/2 pint
50 gallons	1 quart	1 pint

Do not use a crop oil concentrate on ornamentals. Use only nonionic surfactant on ornamentals.

DO NOT GRAZE ANIMALS IN TREATED AREAS.

REFER TO GRASS WEED TABLES FOR SPECIFIC RECOMMENDATIONS ON WEED GROWTH STAGES.

GENERAL USE PRECAUTIONS

- Apply to actively growing grasses. Do not apply to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury.
- Apply at the recommended rate to grasses at the recommended growth stages as outlined in the Annual & Perennial Grass Weed Growth Stage table on Page _____. Do not apply to grasses which have tillered, formed seed heads, or exceeded recommended growth stages.
- Apply when the first grass weed species in a mixed grass weed population reaches the recommended growth stage for treatment. Use the highest recommended rate for grasses in that group.
- Where irrigation is used as part of normal cropping practice, best results are usually obtained when FUSILADE II Turf and Ornamental herbicide is applied within 7 days after irrigation.
- Best perennial grass control can be obtained if rhizomes or stolons are cut up by preplant tillage practices (discing, plowing, etc.) to stimulate maximum emergence of grass shoots.
- Do not plant rotational grass crops such as corn, sorghum and cereals within 60 days of last application of FUSILADE II Turf and Ornamental herbicide.
- Avoid drift to all other crops and nontarget areas. Grass crops are highly susceptible to FUSILADE II Turf and Ornamental herbicide.
- Do not tankmix FUSILADE II Turf and Ornamental herbicide with other pesticides, liquid fertilizers or any other additives except as specified on this label or other supplemental labeling.
- Sequential applications of other herbicides except as specified on this label or on supplemental labeling within five days before or after FUSILADE II Turf and Ornamental herbicide application may result in crop injury and/or reduced grass control.

12 of 36

- Thoroughly clean spray tank with water and a commercial tank cleaner before and after each use.
- Do not apply FUSILADE II Turf and Ornamental herbicide if rainfall is expected within 1 hour.

NONFOOD AGRICULTURAL USES - ORNAMENTALS

FUSILADE II Turf and Ornamental herbicide can be used to control annual and perennial grass weeds in ornamental nongrassy plants, trees, shrubs and ground covers grown in commercial greenhouses and nurseries. See Tables I - IV for specific recommended uses.

FUSILADE II Turf and Ornamental herbicide may also be used to suppress and eventually control some undesirable grasses in commercial turf areas.

GENERAL PRECAUTIONS FOR AGRICULTURAL USES IN COMMERCIALY GROWN ORNAMENTALS

- Apply FUSILADE II Turf and Ornamental herbicide to actively growing grasses before they exceed the recommended growth stages in the Annual and Perennial Grass Weed Growth Stage tables on Page ____.
- 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.
- Do not apply FUSILADE II Turf and Ornamental herbicide to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury.
- Do not apply to foliage of ornamental plants, trees, shrubs, or ground covers unless they are listed in Table I (OVER-THE-TOP APPLICATIONS).
- Do not apply to trees, vines or other ornamentals that will be harvested for food within one year after application.

APPLICATION RATES

NONFOOD AGRICULTURAL USE - ORNAMENTALS:

Apply 16-24 oz. per acre of FUSILADE II Turf and Ornamental herbicide along with 0.25% (1/2 pint per 25 gallons) of a nonionic surfactant. **DO NOT USE A CROP OIL CONCENTRATE WITH FUSILADE II Turf and Ornamental HERBICIDE ON ORNAMENTALS.** Refer to the weed tables on Page ____ for recommended growth stages of grasses at application.

FUSILADE II may be applied over-the-top or as a directed spray. Please refer to Table 1 for a list of ornamental species for which over-the-top application is appropriate. For species listed in Tables II-IV, directed spray applications are necessary to minimize phytotoxicity. However, there is the possibility of damage in the range listed for each table when applied at label rates.

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 FUSILADE II Turf and Ornamental 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 FUSILADE II Turf and Ornamental herbicide can safely be used on plants not specified on this label. The professional user should determine if FUSILADE II Turf and Ornamental herbicide can be used safely prior to use.

NONFOOD AGRICULTURAL USE - ADDITIONAL GRASS WEED CONTROL:

To control Common Bermudagrass and Hybrid Bermudagrass, follow the directions below:

Over-spray Zoysia: Application should be made at a rate of 3 to 4 oz per acre with FUSILADE II Turf and Ornamental herbicide, and a nonionic surfactant. Applications should be made in late spring (around June 1) and repeated about every 28 to 30 days. Late-summer application can be reduced to 2 to 3 oz per acre as bermudagrass is preparing for dormancy. During hot summer weather the rates could be increased to 4 to 5 oz per acre. **Note:** The 5 oz rate could cause temporary turf discoloration.

Over-spray Tall Fescue: Application rate should be 5 to 6 oz per acre. Application should be made during warm weather in early spring (April, May) when bermudagrass is breaking dormancy. This should be repeated in fall (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 to 14 days. Weather and cultural treatments can also effect applications. Use a minimum of 30 gallons of water per acre.

TABLE I

OVER-THE-TOP APPLICATIONS may be applied to the following ornamentals: Use Only Nonionic Surfactant on Ornamentals.

Scientific Name	Common Name/Variety
Abelia grandiflora	Glossy abelia
Abies balsamea*	Balsam fir
Abies concolor	Concolor fir
Abies procera	Noble fir
Acacia redolens	Acacia ongerops
Acacia salacina	Willow-leafed acacia
Acacia saligna	Willow acacia
Acacia schafnerii	Jim wheat acacia
Acacia stenophylla	Shoe-string acacia
Acer ginnala*	Flame amur maple
Acer palmatum	Maple/Japanese
Acer platanoides	Norway maple
Acer saccharinum*	Silver maple
Acer saccharum	Sugar maple
Achillea filipendulina	Coronation gold, femleaf yarrow
Achillea millefolium	Common yarrow
Acrocastrum romanzoffianum	Queen palm
Agapanthus africanus	Peter pan lily of the Nile
Agave americana	Century plant
Ageratum sp.	
Aglaonema commutatum	Silver queen evergreen, Fransher evergreen, Trebii ribbon evergreen
Aglaonema crispum	Painted evergreen
Alcea rosea	Hollyhock
Allium schoenoprasum	Chives
Aloe barbadensis	Barbados aloe
Aloe vera	
Aloe zanzibarica	
Alyssum sp.	
Antirrhinum majus*	Snapdragon
Araucaria heterophylla	Yellow floral carpet
Arctostaphylos uva-ursi	Norfolk Island pine
Arctotheca calendula	Red bearberry
Arenaria verna	Cape weed
Asparagus densiflorus	Sandwort Sprengeri, Myres asparagus, Sprenger asparagus

*Not applicable in California.

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Scientific Name**Common Name/Variety**

Astilbe x arendsii
 Atriplex sp.
 Aucuba japonica
 Aucuba japonica variegata
 Begonia
 Semperflorens cultorum*
 Berberis mentorensis
 Berberis thunbergii*

 Betula pendula*
 Bougainvillea sp.
 Buxus microphylla koreana
 Buxus microphylla var.
 japonica
 Buxus sempervirens

 Caesalpinia cacalaco
 Caesalpinia gilliesii
 Calendula officinalis*
 Calendula sp.
 Callistemon lanceolatus
 Calluna vulgaris
 Camellia japonica
 Camellia sasanqua
 Campanula carpatica
 Carissa grandiflora
 Carissa tuttlei
 Carnegiea gigantea
 Carpobrotus chilensis*
 Cassia artemisioides
 Cassia didymobotrya
 Cassia sturdii
 Celtis occidentalis*
 Centaurea cineraria
 Cerastium tomentosum
 Ceratonia siliqua
 Cercis canadensis
 Chaenomeles speciosa*
 Chamaecyparis obtusa
 Chamaecyparis lawsoniana
 Chamaecyparis pisifera
 Chamaerops excelsa
 Chamaerops humilis
 Chrysalidocarpus lutescens

False spirea
 Saltbrush
 Aucuba

 Scarletta begonia
 Mentor barberry
 Crimson pygmy,
 Redleaf Japanese barberry
 Eastern white birch
 Raspberry ice
 Korean boxwood

 Japanese boxwood
 Welleri,
 Common boxwood

 Bird of paradise
 Orange coronet
 Marigold
 Bottle-brush
 Scotch heather
 Camellia
 Sasanqua camellia
 Bellflower
 Natal plum

 Saguaro cactus
 Trailing hottentot-fig
 Feathery cassia
 African cassia

 Hackberry
 Dusty miller
 Snow in summer
 Carob tree
 Red bud
 Flowering quince
 Cripps hinoki false cypress
 Allum lawson cypress
 Plumosa
 Windmill palm
 Mediterranean fan palm
 (small)Golden fruited palm

*Not applicable in California

Scientific Name

Common Name/Variety

Chrysanthemum x superbum
Cissus rhombifolia
Cistus hybridus
Citrus aurantium
Citrus paradist
Clerodendrum speciosum
Cleyera spp.
Clivia miniata
Cocos plumosa
Codiaeum variegatum
Coffea arabica
Magnolia grandiflora
Coleus x hybridus*

Shasta daisy
Ellen Danica, grape ivy
Rock rose
Sour orange
Grapefruit
Pagoda flower
Cleyera
Kaffir lily
Queen palm
Croton
Coffee
Southern magnolia
Coleus
Jade wizard
Bush morningglory
Mirror plant
Variegated mirror plant
Ti
Threadleaf coreopsis
Flowering dogwood
Cornelian cherry dogwood
Red twig dogwood,
Flaviramea

Convolvulus oneorum
Coprosma baueri
Coprosma repens
Cordyline terminalis
Coreopsis verticillata
Cornus florida
Cornus mas
Cornus sericea

Coral beauty,
Royal beauty
Spreading cotoneaster

Cotoneaster apiculata
Cotoneaster dammeri

Cotoneaster divaricatus
Cotoneaster microphyllus
Cotoneaster repens
Cotoneaster salicifolius franch
Crossandra nilotica
Cupressus sempervirens
Cycus revoluta
Deutzia gracilis
Dianthus barbatus
Dieffenbachia amoena
Diervilla lonicera
Dodonea viscosa purplurea
Echinocatus sp.
Elaeagnus angustifolia
Encelia farinosa
Erythrina fusca

Cotoneaster
Willowleaf cotoneaster
Crossandra
Italian cypress
Sago palm
Slender deutzia
Sweet William
Giant dumbcane
Bush honeysuckle
Purple hopseed bush
Hedgehog cactus
Russian olive
Bittle brush
Fastadiata,
Swamp immortella

*Not applicable in California.

Scientific Name

Common Name/Variety

Escallonia fradessii
 Escallonia rubra
 Eucalyptus microtheca
 Eucalyptus polyanthemos
 Eucalyptus rostrata
 Eucalyptus spathulata
 Eucalyptus rudis
 Eugenia myrtifolia
 Euonymus alata
 Euonymus fortunei
 Euonymus japonica
 Euonymus kiautschovicus
 Euphorbia lactea
 Euryops pectinatus
 Fatshedera lizei
 Ferocactus sp.
 Ficus benjamina
 Ficus elastica decora
 Ficus microcarpa nitida
 Ficus nitida
 Ficus repens
 Forsythia intermedia
 Forsythia sp.
 Forsythia suspensa
 Forsythia x intermedia
 Fouquieria splendens
 Fragaria chiloensis
 Fraxinus americana*
 Fraxinus pennsylvanica*
 Fraxinus velutina
 Gardenia jasminoides
 Gardenia taitensis
 Gazania splendens
 Gazania uniflora leucoleana
 Geijera parviflora
 Gelsemium sempervirens
 Geranium pratense
 Gladiolus x hortulanus
 Gleditsia triacanthos var.
 inermis
 Graptophyllum pictum
 Grevillea robusta
 Grevillea rosmarinifolia
 Hedera canariensis

Gum-barked coolibah
 Red box gum
 Red gum
 Narrow-leaf gimlet
 Desert-gum
 Brush cherry
 Siebold

 Silver king
 Spreading euonymus
 Candelabra plant

 Fatshedera
 Barrel cactus
 Exotica weeping fig
 Rubber tree
 Indian laurel
 Indian laurel
 Creeping fig

 Weeping forsythia

 Ocotillo
 Ornamental strawberry
 White ash
 Green ash
 Arizona ash
 Gardenia, dwarf
 Tahitian gardenia
 Gazania gold rush

 Australia willow
 Carolina jessamine
 Cranesbill
 Debbie, Jennie, Mahogany, Stargazer

 Honey locust/shade master
 Caricature plant
 Silk oak
 Spider flower
 Algerian ivy

*Not applicable in California.

Scientific Name

Common Name/Variety

Hedera helix
Hedera helix hahnii
Hemerocallis hybrids
Hemigraphis sp.
Hesperaloe parviflora
Hibiscus rosa-sinensis
Hibiscus syriacus
Hosta lancifolia
Hydrangea paniculata
Hydrangea quercifolia
Iberis sempervirens
Ilex cornuta
Ilex crenata
Ilex glabra
Ilex opaca
Ilex vomitoria
Ilex x Meserveae
Ilex x attenuata
Iris sp.
Isotoma sp.
Ixora coccinea
Jacaranda acutifolia
Jacobinia ghiesbreghtiana
Juniperus horizontalis*
Juniperus scopulorum
Juniperus virginiana
Justicia spicigera

Kochia scoparia f. trychophylla
Koelreuteria paniculata*

Lagerstroemia indica
Lantana camera
Lantana sellowiana
Leptospermum laevigatum
Leucophyllum frutescens
Liatris spicata
Ligustrum amurense
Ligustrum lucidum
Ligustrum ovalifolium
Ligustrum texanum
Ligustrum x Vicari
Liquidambar styraciflua
Liriope spicata

English ivy
Hahn's ivy
Daylily
Waffle plant/Metallic plant

Chinese hibiscus
Althea
Variegated hosta
Panicled hydrangea
Oakleaf hydrangea
Candytuff
Dwarf buford holly
Japanese holly
Compact inkberry
American holly
Dwarf yaupon/Tall yaupon
Meserve holly
Fosteri holly

Blue star creeper
Ixora
Jacaranda

Admiral
Cologreen
Red cedar
Firecracker,
Mexican indigo
Compact burningbrush
Golden-rain tree
Varnish tree
Crepe myrtle
Bush lantana
Purple lantana (trailing)

Texas sage
Gay feather
Amur River
Wax ligustrum
Privet/california
Texas privet
Vicari
American sweetgum
Liriope

*Not applicable in California.

Scientific Name**Common Name/Variety**

Liriope muscari	Green liriope/Variiegated liriope
Livistona chinensis	Chinese fan palm
Lonicera x morrowii	Morrow honeysuckle
Lonicera xylosteum	Emerald mound
Lysiloma thomberii	Desert fern tree
Lysimachia nummularia	Moneywort/Wandering Sally
Magnolia sp.	Oregon Grapeholly
Magnolia stellata	Star magnolia
Mahonia aquifolium	Mahonia
Mahonia wagoneri*	King's Ransom
Malus floribunda	Showy crabapple
Mesembryanthemum drosanhemum hispidum	Rose ice plant
Mesembryanthemum lampranthus productus	Purple trailing ice plant
Mesembryanthemum lampranthus spectabilis	Red spike ice plant
Metrosideros excelsus	New Zealand christmas tree
Musa maurelli	Ethiopia banana
Myoponum parvifolium	Prostrate myoponum
Myrica cerifera	Wax myrtle
Nephrolepis exaltata	Sword fern
Nerium oleander	Pink, variegated, petite oleander
Odocanthus sp.	
Olea europaea	Olive tree
Oleaya tesota	Ironwood
Opuntia Cholla	Cholla cactus
Osmanthus fragrans	Osmanthus, tea olive
Osteospermum fruticosum alba	White african daisy
Pachysandra terminalis	Japanese pachysandra
Parkensonia aculeata	Green palo verde
Rhus aromatica	Fragrant sumac
Passiflora pfordtii	Passion vine
Pelargonium domesticum	Geranium
Pelargonium peltatum	Ivy geranium
Pelargonium X hortorum*	Smash Hit Red geranium
Pennisetum setaceum	Red fountain grass
Peperomia scandens	Radiator plant
Petunia sp.	
Philadelphus coronarius	Aurea
Philodendron oxycardium	"Micans" velvetleaf philodendron
Philodendron selloum	
Phoenix canariensis	Canary Island date palm
Phoenix roebelenii	Pygmy date palm
Photinia x fraseri	Photinia
Phyllostachys aurea	Golden bamboo

*Not applicable in California.

Scientific Name**Common Name/Variety**

Physocarpus fruticosus	Gold drop, Jackmanni, Abbotswood
Physocarpus opulifolius	Dwarf Ninebark, Nanus
Picea abies	Norway spruce
Picea glauca	Dwarf Alberta, Black Hills, Densata
Picea omarika	Serbian spruce
Picea pungens	Blue spruce
Pieris japonica	Lily-of-the-valley bush
Pilea nummulariifolia	Creeping Charlie
Pinus canariensis	Canary Island pine
Pinus clausenii*	Sand pine
Pinus echinata*	Shortleaf pine
Pinus elliotii*	Slash pine
Pinus glabra*	Spruce pine
Pinus mugo	Dwarf Swiss mountain pine
Pinus nigra	Austrian pine/Black pine
Pinus palustris*	Longleaf pine
Pinus ponderosa	Western/Ponderosa pine
Pinus pungens*	Table-Mountain pine
Pinus resinosa	Red pine
Pinus rigida*	Pitch pine
Pinus serotina*	Pond pine
Pinus strobiformis	Mexican border pine
Pinus strobus	Eastern white pine
Pinus sylvestris	Scotch pine
Pinus taeda*	Loblolly pine
Pinus virginiana*	Virginia pine
Pittosporum Tobira	Wheeler's dwarf, variegated
Pittosporum phillyraeoides	Desert willow
Platanus sp.*	Sycamore
Plumbago capensis	Cane plumbago
Podocarpus gracilior	African fern pine
Podocarpus macrophylla	Yew pine
Polygonum capitatum	Pink clover
Polyscias fruticosa	Parsley panax
Polystichum capense	
Portulaca grandiflora*	Sunglo portulaca
Potentilla fructosa	Gold drop, Primrose beauty
Potentilla verna*	
Prosopis chilensis	Chilean mesquite
Protea compacta*	Protea
Protea cynaroides*	Giant/king protea

*Not applicable in California

Scientific Name

Common Name/Variety

Protea eximia*	Protea
Protea nerifolia*	Oleander-leaved protea
Protea repens*	Protea
Prunus trialoba	Flowering almond
Prunus caroliniana ompacta	Carolina cherry
Pseuderanthemum atropurpureum	Purple false eranthemum
Pseudotsuga mensiessi	Douglas fir
Pyracanths koidzumii	Lodense pyracanths
Pyracanths angustifolia	Variiegated firethorn
Pyracanths coccinea	Scarlet firethorn, Lalandei
Pyracanths graberi	
Pyracanths koidzumii x coccinea	Mojave firethorn
Pyrus calleryana	Bradford pear
Quercus palustris*	Pin oak
Quercus virginiana	Oak, live
Raphiolepis indica	Pink lady
Raphiolepis umbellata	Yedda/Indian hawthorn
Rhamnus frangula	Tallhedge buckthorn
Rhododendron "Gable Hybrid"	Elizabeth Gable, Purple splendor, Rose greely
Rhododendron catawbiense	Less dark purple, Roseum elegans, Chionoides rhododendron, White catawba, Purple elegans, Roseum superbum, English roseum
Rhododendron formosa	
Rhododendron obtusum	Amoenum, Coral bells
Rhododendron sp.	Blaauw's pink, Rutherfordiana Constances White cascade, Prize, Kluis sensation, Sweetheart, Kaempo, Royalty, Hahm red, Red wing, Gumpo white,

*Not applicable in California

Scientific Name

Common Name/Variety

Rhododendron sp. (cont'd)

Salmon spray,
Road runner,
Tradition,
Gloria,
Gumpo pink,
Greeting,
Pink pearl,
Pericat,
Tabor,
Mother's Day,
Snow,
Masasoit,
Red ruffle,
Delaware Valley white,
Purple gem,
H. H. Hume,
Stewartstonian,
Hino red,
Rosebud,
Fashion,
Herbert,
Gibraltar,
Gerard's rose,
Boule de neige,
President Lincoln
Korean azalea/Poukhanense

Rhododendron yedoense
Rhuellia californica
Rhus lancea
Rosa Banksiae
Rosa hybrida
Rosa sp.
Rosmarinus officinalis prostratus
Rumohra adiantiformis*
Salix alba
Salix babylonica*
Salix matsudana
Salix purpurea*

African sumar standard
Banksia
Hybrid tea rose
Rose
Rosemary dwarf
Leatherleaf fern
White willow
Weeping willow
Tortuosa corkscrew willow
Purple willow
Basket willow

Salvia greggii
Sansevieria sp.
Sansevieria trifasciata
Santolina chanaecy parissus
Schefflera arboricola
Schinus molle

Moon Glow
Hahaii/Mother-in-law's tongue
Lavender cotton
Manila Ripple
California pepper

*Not applicable in California

Scientific Name**Common Name/Variety**

Schinus terebinthifolius
 Sedum brevifolium
 Sedum quatemalense
 Sedum spectabile
 Sedum x rubrotinctum
 Sempervivum tectorum
 Simmondsia chinensis
 Sorbus americana*
 Sophora japonica*
 Spiraea japonica*
 Spiraea nipponica
 Spiraea thunbergii*
 Spiraea x billiardii
 Spiraea x bumalda

Brazilian pepper
 Green stone crop
 Brown beam
 Sedum
 Hen and chickens
 Jojoba
 American mountain ash
 Pagoda tree
 Coccinea
 Snowmound spirea
 Thunberg
 Billiard spirea
 Froebelii,
 Crispa spirea,
 Gold flame,
 Anthony Waterer

Statice sinuata
 Stenocarpus sinuatus
 Strelitzia nicolai
 Strelitzia reginae
 Syringa meyeri
 Syringa patula
 Syringa villosa
 Syzgium paniculatum
 Tagetes sp.
 Taxus cuspidata
 Taxus x media

Annual statice
 Firewheel tree
 Giant bird of paradise
 Bird of paradise
 Palibin
 Korean lilac
 James McFarlane lilac
 Australian bush cherry
 Marigold
 Japanese yew
 Thayeri yew,
 Hicks yew,
 Dense yew
 Yellow bells
 Cape honeysuckle
 Cleyera
 Yellow oleander tree
 White cedar,
 Emerald green,
 Woodwardii,
 Techny,
 Pyramidalis,
 Globosa,
 Techny american arborvitae
 Berkman's
 Little-leaf linden

Tecoma stans angustate
 Tecomaria capensis
 Ternstroemia gymnanthera
 Thevetia peruviana
 Thuja occidentalis

Thuja orientalis
 Tilia cordata*
 Trachelospermum asiaticum

*Not applicable in California

Scientific Name**Common Name/Variety**

Trachelospermum asiaticum
 Trachelospermum jasminoides
 Trifolium fragiferum
 Tsuga canadensis
 Viburnum dentatum
 Viburnum japonicum
 Viburnum opulus
 Viburnum odoratissimum
 Viburnum plicatum
 Viburnum suspensum
 Viburnum trilobum
 Viburnum x juddi
 Viburnum x rhytidophylloides
 Vicia sp.
 Vinca major
 Vinca minor
 Virburnum lantana*

 Virburnum lentago*
 Washingtonia robusta
 Weigela florida

 Xylosma senticosa
 Yucca filamentosa
 Yucca gloriosa
 Yucca pendula
 Zinnia sp.

Asiatic jasmine
 Star jasmine
 O'Connors legume
 Eastern hemlock
 Arrowwood viburnum
 Viburnum/japanese snowball
 Nanum
 Viburnum
 Doublefile viburnum/tomentosum
 Sandankwa viburnum
 Compact cranberrybush viburnum
 Judd
 Viburnum/willowwood
 Crown Vetch
 Periwinkle
 Myrtle, Dwarf periwinkle
 Wayfaring tree
 Twistwood
 Nannyberry
 Mexican fan palm
 Newport red,
 Pink weigelia

 Yucca
 Spanish dagger
 Weeping dagger

*Not applicable in California.

TABLE II

DIRECTED APPLICATIONS

- When plant growth habit allows, applications should be made as a directed spray to the ornamental plants listed below to minimize phytotoxicity.
- Limited testing of the ornamental plants listed below has shown phytotoxicity of up to 20% when FUSILADE II Turf and Ornamental herbicide is applied over-the-top at label rates. (Phytotoxicity can occur whenever spray comes in contact with the foliage, even during directed sprays.)

Scientific Name	Common Name/Variety
Abies fraser	Fraser Fir
Acer rubrum	Maple/red
Ajuga variegata	Bugle weed
Ajuga reptans	Varigated ajuga
Aquilegia hybrida	Columbine
Arbutus unedo	Strawberry tree
Banksia prinotes*	Protea
Banksia victoria*	Protea
Banksia speciosa*	Protea
Begonia tweediana	Cats claw, Yellow trumpet
Callistemom viminalis	Weeping bottle-brush
Ceanothus griseus	
Cupressocyparis leylandi	Leyland cypress
Dracaena fragans	Massangeana, dracaena
Dracaena marginata	Tricolor dracaena
Eucalyptus citriodora	Lemon-scented gum
Feijoa sellowiana	Pineapple guava
Gamolepsis chrysanthemoides	
Gazania ringens	
Gladiolus x hortulanus	Gallery
Grewia caffra	Lavender star plant
Hemiaria glabra	Green carpet
Juniperus chinensis	Pfizeriana Nana, Spearmint, Old Gold, Prostrata, Robdsta, Maney
Juniperus conferta	Blue Pacific

*Not applicable in California.

Scientific Name	Common Name/Variety
Juniperus horizontalis	Wiltonii, Hughes, Webberi, Variagata, Blue Rug, Youngtown Compacta
Juniperus japonica	San Jose
Juniperus sabina	Tamariseifolia, Arcadia, Scandia, Broadmoor
Juniperus scopulorum	Welchii, Pathfinder
Juniperus virginiana	Sky rocket, Grey owl
Lantana montevidensis x	White lantana
Leucothoe axillaris	Fetterbush
Ligustrum japonicum	Japanese privet
Lonicera japonica	Japanese honeysuckle
Luecospermum cordifolium*	Pincushion protea
Nandina domestica	Heavenly bamboo
Nerium oleander standard	Oleander
Ophiopogon japonicum	Mondo grass
Opuntia sp.	Prickly pear cactus
Pennisetum sectaceum	Green fountain grass
Philodendron sp.	
Plumeria acuminata	Temple tree
Podocarpus macrophyllus	Maki
Potentilla verna	Spring cinquefoil
Rhododendron indicum	Indica
Rhododendron obtusum	Kurume
	Eureka
	Sunglow
	P.I.M.
Rhododendron sp.	Oyster plant
Rhoeo spathacea	Ruellia
Ruellia ciliosa	Willow
Salix caroliniana	Vanhoutte spirea
Spirea x vanhouteii	Lilac
Syringa chinensis	Chinese snowball
Viburnum macrocephalum	

*Not applicable in California.

TABLE III

DIRECTED APPLICATIONS

- When plant growth habit allows, applications should be made as a directed spray to the ornamental plants listed below to minimize phytotoxicity.
- Limited testing of the ornamental plants listed below has shown phytotoxicity of up to 50% when FUSILADE II Turf and Ornamental herbicide is applied over-the-top at label rates. (Phytotoxicity can occur whenever spray comes in contact with the foliage, even during directed sprays).

Scientific Name	Common Name/Variety
Acacia farnesiana	Sweet acacia
Acacia latifolia	
Aptenia cordifolia	Hearts and flowers
Asystasia gangetica	Coromandel
Baccharis sarothroides	Desert broom
Brachychiton populneum	Bottle tree
Cassia condolioma	
Cercidium praecox	Sonoran palo verde
Citharexylum spinosum	Fiddlewood
Cordyline stricta	Cordyline
Cupaniopsis anacardioides	Carrot wood
Crassula argentea	Jade plant
Cyperus alternifolius	Umbrella plant
Dicentra spectabilis	Bleeding heart
Dracaena deremensis	Janet Craig/Warneckii
Epipremnum aureum	Marble Queen pothos
Eucalyptus nicholii	
Exococaria cochichinensis	Chinese crenate croton
Hibiscus lepenk	
Juniperus chinensis	Armstrongii
Juniperus scopulorum	Spiny Greek, Excelsa Strieta
Juniperus virginiana	Burkii
Justicia betonia	White shrimp plant
Justicia brandegeana	Shrimp plant
Justicia carnea	Kings crown
Magnolia gradiflora	Southern magnolia
Mesembryanthemum delosperma alba	White ice plant (trailing)
Odontonema strictum	Red justicia
Oenothera berlandier	Mexican evening primrose
Pachystachys lutea	Yellow shrimp plant
Pedilanthus tithymaloides	Slipper flower

*Not applicable in California.

Scientific Name

Common Name/Variety

Peperomia obtusifolia
Plectranthus australis
Polygonum capitatum
Prunum avium*
Rhododendron indicum
Rhododendron obtusum

Baby rubber plant
Swedish ivy
Pinkhead knotweed
Mazzard cherry
Formosa
Hersey red,
Hino pink,
Hinodegeri
Karen
Laurel-leaved thunbergia
Tifblue Blueberry

Rhododendron poukhanensis
Thunbergia laurifloia
Vaccinum achei

*Not applicable in California.

TABLE IV

DIRECTED APPLICATIONS

- When plant growth habit allows, applications should be made as a directed spray to the ornamental plants listed below to minimize phytotoxicity.
- Limited testing of the ornamental plants listed below has shown phytotoxicity greater than 50% when FUSILADE II Turf and Ornamental herbicide is applied over-the-top at label rates. (Phytotoxicity can occur whenever spray comes in contact with the foliage, even during directed sprays.)

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

NONAGRICULTURAL USES - NONCROP AREAS, ORNAMENTALS AND TURF

FUSILADE II Turf and Ornamental herbicide can be used to control annual and perennial grass weeds in noncrop areas. Noncrop areas include airports, cemeteries, electric transformer stations and sub-stations, pipeline pumping stations, around buildings, storage yards, fence lines, parkways, roadsides, rights-of-way, and similar noncropland areas. See Tables I - IV for specific recommended uses.

FUSILADE II Turf and Ornamental herbicide can be used to control annual and perennial grass weeds in many newly transplanted and established nongrassy ornamentals, trees, shrubs and ground covers. See Tables I - IV for specific recommended uses.

FUSILADE II Turf and Ornamental herbicide may also be used to suppress and eventually control some undesirable grasses in turf areas of golf courses and residential, commercial, public and industrial buildings.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Do not allow entry into treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information:

CAUTION: Area treated with FUSILADE II Turf and Ornamental herbicide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure to pesticide spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If irritation persists, get medical attention.

GENERAL PRECAUTIONS FOR NONAGRICULTURAL USES IN NONCROP AREAS, ORNAMENTALS AND TURF

- FOR USE ONLY BY COMMERCIAL OR LICENSED APPLICATORS WHEN APPLICATIONS ARE TO BE MADE IN OR AROUND HOMES.
- Do not store FUSILADE II Turf and Ornamental herbicide in or around homes.
- Apply FUSILADE II Turf and Ornamental herbicide to actively growing grasses before they exceed the recommended growth stages in the Annual and Perennial Grass Weeds Growth Stage tables on Page ____.

302 of 36

- 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.
- Do not apply FUSILADE II Turf and Ornamental herbicide to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury.
- Do not apply to foliage of ornamental plants, trees, shrubs or ground covers unless they are listed in Table I (OVER-THE-TOP APPLICATIONS).

APPLICATION RATES

NONCROP AREAS

Apply 16-24 oz. per acre of FUSILADE II Turf and Ornamental herbicide along with 0.25% (1/2 pint per 25 gallons) of a nonionic surfactant to annual and perennial grasses at the recommended growth stages in the tables on Page ____.

ORNAMENTALS

Apply 16-24 oz. per acre of FUSILADE II Turf and Ornamental herbicide along with 0.25% (1/2 pint per 25 gallons) of a nonionic surfactant. **DO NOT USE A CROP OIL CONCENTRATE WITH FUSILADE II Turf and Ornamental HERBICIDE ON ORNAMENTALS.** Refer to the weed tables on Page ____ for recommended growth stages of grasses at application.

FUSILADE II may be applied over-the-top or as a directed spray. Please refer to Table 1 for a list of ornamental species for which over-the-top application is appropriate. For species listed in Tables II-IV, directed spray applications are necessary to minimize phytotoxicity. However, there is the possibility of damage in the range listed for each table when applied at label rates.

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 FUSILADE II Turf and Ornamental 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 FUSILADE II Turf and Ornamental herbicide can safely be used on plants not specified on this label. The professional user should determine if FUSILADE II Turf and Ornamental herbicide can be used safely prior to use.

ADDITIONAL GRASS WEED CONTROL

To control Common Bermudagrass and Hybrid Bermudagrass, follow the directions below:

Over-spray Zoysia: Application should be made at a rate of 3 to 4 oz per acre with FUSILADE II Turf and Ornamental herbicide, and a nonionic surfactant. Applications should be made in late spring (around June 1) and repeated about every 28 to 30 days. Late-summer application can be reduced to 2 to 3 oz per acre as bermudagrass is preparing for dormancy. During hot summer weather the rates could be increased to 4 to 5 oz per acre. **Note:** The 5 oz rate could cause temporary turf discoloration.

Over-spray Tall Fescue: Application rate should be 5 to 6 oz per acre. Application should be made during warm weather in early spring (April, May) when bermudagrass is breaking dormancy. This should be repeated in fall (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 to 14 days. Weather and cultural treatments can also effect applications. Use a minimum of 30 gallons of water per acre.

**TANK MIX RECOMMENDATIONS
NON-CROP AREAS - NON-SELECTIVE WEED CONTROL**

FUSILADE II TURF AND ORNAMENTAL HERBICIDE WITH REWARD® LANDSCAPE AND AQUATIC OR REWARD® LS HERBICIDES

FUSILADE II herbicide and REWARD herbicides may be applied together in a tankmix program for non-selective desiccation plus systemic control of grassy weeds.

Apply 16-24 oz FUSILADE II herbicide with 16-32 oz REWARD Landscape and Aquatic or REWARDS LS Herbicides per acre. Add 8-16 oz of a 75% or greater nonionic surfactant per 100 gallons of water.

Tankmix Precautions - FUSILADE II and REWARD Landscape and Aquatic or REWARD LS Herbicides

Use the full label rate of FUSILADE II herbicide.

Always add 8-16 oz of a 75% or greater nonionic surfactant per 100 gallons of water.

Due to the very fast desiccation of photosynthesizing plant tissue, REWARD herbicides may cause some antagonism of the activity of FUSILADE II herbicide, which must be translocated to cause its effect.

Application in the evening, at night, or under cloudy conditions will enhance translocation of FUSILADE II herbicide and increase systemic control.

FUSILADE II TURF AND ORNAMENTAL HERBICIDE ANNUAL GRASS CONTROL GROWTH STAGES

Annual Grass Species

Make applications when grasses are 2-8 inches tall, but before tillering and/or heading.

- | | |
|------------------------|-------------------------------------|
| Barnyardgrass | Prairie cupgrass |
| Broadleaf signalgrass | Red Rice |
| Crabgrass, large | Shattercane/Wildcane/Volunteer milo |
| Crabgrass, smooth | Sorghum alnum |
| Crabgrass, southern | Southern sandbur |
| Crabgrass, tropical | Southwestern cupgrass |
| Fall panicum | Texas panicum |
| Field sandbur | Volunteer barley |
| Foxtail, giant | Volunteer corn |
| Foxtail, green | Volunteer oats |
| Foxtail, yellow | Volunteer rye |
| Goosegrass | Volunteer wheat |
| Guineagrass, seedling | Wild Oats |
| Itchgrass | Wild proso millet |
| Italian ryegrass | Witchgrass |
| Johnsongrass, seedling | Woolly cupgrass |
| Junglerice | |

FUSILADE II TURF AND ORNAMENTAL HERBICIDE PERENNIAL GRASS CONTROL GROWTH STAGES

- | Perennial Grass Species | Growth Stage |
|--------------------------------|-------------------------------------------|
| Bermudagrass | 4-8" runners |
| Guineagrass | 6-12" tall before seedhead initiation |
| Kikuyugrass* | 4-8" runners |
| Quackgrass | 6-10" |
| Rhizome johnsongrass | 8-18" tall and before boot stage |
| Torpedograss** | 3-6" tall (1st application) |
| | 2-3" tall (subsequent application) |
| Wirestem muhly | 4-12" tall and before seedhead initiation |

*Not for use in California on this species.

**Use 24 fl. oz. per acre per application. Three applications may be needed.

APPENDIX

Scientific names are listed for those weeds referred to in the FUSILADE II Turf and Ornamental herbicide label.

COMMON NAME	SCIENTIFIC NAME
Barnyardgrass	Echinochloa crus-galli
Bermudagrass	Cynodon dactylon
Broadleaf signalgrass	Brachiaria platyphylla
Crabgrass, Large	Digitaria sanguinalis
Crabgrass, Smooth	Digitaria ischaemum
Crabgrass, Southern	Digitaria ciliaris
Crabgrass, Tropical	Digitaria bicornis
Downy brome	Bromus tectorum
Fall Panicum	Panicum dichotomiflorum
Field Sandbur	Cenchrus incertus
Foxtail, Giant	Setaria faberi
Foxtail, Green	Setaria viridis
Foxtail, Yellow	Setaria lutescens
Goosegrass	Eleusine indica
Guineagrass, seedling	Panicum maximum
Italian Ryegrass	Lolium multiflorum
Itchgrass	Rottboellia exaltata
Johnsongrass, Rhizome	Sorghum halepense
Johnsongrass, Seedling	Sorghum halepense
Junglerice	Echinochloa colonum
Kikuyugrass	Pennisetum clandestinum
Prairie cupgrass	Eriochloa contracta
Quackgrass	Agropyron repens
Rabbitfootgrass	Polypogon monspeliensis
Red Rice	Oryza sativa
Shattercane	Sorghum bicolor
Sorghum alnum	Sorghum alnum
Southern Sandbur	Cenchrus echinatus
Southwestern cupgrass	Eriochloa gracilis
Texas Panicum	Panicum texanum
Torpedograss	Panicum repens
Volunteer Cereals	
V. Barley	Hordeum vulgare
V. Corn	Zea mays
V. Milo	Sorghum bicolor
V. Oats	Avena sativa
V. Rye	Secale cereals
V. Wheat	Triticum aestivum
Wild Proso Millet	Panicum miliaceum
Witchgrass	Panicum capillare
Wild oats	Avena fatua
Wirestem muhly	Muhlenbergia frondosa
Witchgrass	Panicum capillare
Wooly cupgrass	Eriochloa villosa

3/31/97

CONVERSION TABLE			
FUSILADE II Turf and Ornamental Herbicide Rate to be Applied			
Lb. a.i./Acre	Pints/Acre	Fl. Oz./Acre	Acres/Gallon
0.094	3/8	6	21.3
0.125	1/2	8	16
0.156	5/8	10	12.8
0.188	3/4	12	10.7
0.250	1	16	8
0.375	1-1/2	24	5.3

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