



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Mr. Dan Campbell  
Senior Regulatory Product Manager  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419

DEC 10 2003

Dear Mr. Campbell:

Subject: Fusilade II Turf & Ornamental Herbicide  
EPA Registration No. 100-1084  
Application and Your Letter Dated August 28, 2003,  
Request to Amend Registration by Revising "First Aid  
Statements" To Comply with EPA PR Notice 2001-1

The proposed amendments to the subject registration reflected on the submitted labeling have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended, provided that you:

1. Either delete the descriptors "selective" or "non-selective" on pages 6, 35, and 39, or describe the meaning of these descriptor as they apply to the labeling.
2. Submit one copy of the final printed labeling prior to shipping under the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under the revised labeling constitutes acceptance of these conditions. A stamped copy of the accepted labeling is enclosed for your records.

Sincerely yours,

/s/

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

Enclosure

2 8 4 3

Fusilade® II Turf and Ornamental Herbicide

For the selective control of grass weeds in landscape areas, roadsides, nurseries, greenhouses, flower beds, groundcovers, interiorscapes, parks, sports fields, golf courses, commercial and residential areas.

|  |        |
|--|--------|
| Active Ingredient:   |        |
| Fluazifop-P-butyl  |        |
| Butyl (R)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate* | 24.5%  |
| Other Ingredients  | 75.5%  |
| <hr/>  |        |
| Total:   | 100.0% |

\*Fusilade II Turf and Ornamental Herbicide contains 2 pounds (+) isomer (fluazifop-P-butyl) per gallon.  
Contains petroleum hydrocarbons.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

**See additional precautionary statements and directions for use inside booklet.**

EPA Reg. No. 100-1084

EPA Est. 11773-IA-01<sup>VWC</sup>  
EPA Est. 46073-TN-003<sup>NTM</sup>  
(Superscript is first three letters of lot number on jug)

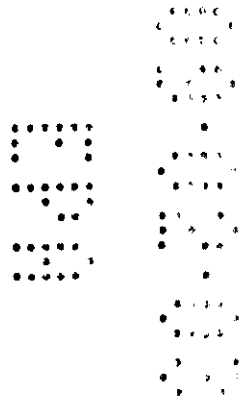
Product of United Kingdom  
Formulated in the USA

SCP 1084A-L1 DRAFT

1 quart  
U.S. Standard Measure

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
DEC 10 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-1084



| <b>FIRST AID</b>   |   |
|--|---|
| <b>If on skin or clothing</b>  | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>If inhaled</b>  | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>                                       |
| <b>If in eyes</b>  | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>                                       |
| <b>If swallowed</b>  | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment.   |   |
| <b>HOT LINE NUMBER</b><br>For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical<br>Emergency Assistance (Spill, Leak, Fire, or Accident), Call<br><b>1-800-888-8372</b> |   |

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through skin or inhaled. Causes eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

### 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 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.

### Engineering Control Statements

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:

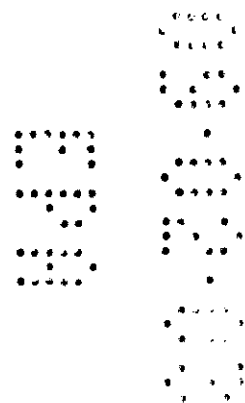
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, 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 SYNGENTA CROP PROTECTION, INC. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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 SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA 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 SYNGENTA 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 SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

### 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

**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.

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**STORAGE AND DISPOSAL**

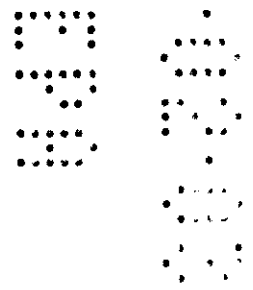
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**Prohibitions**

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, by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

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## **GENERAL INFORMATION**

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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 ornamentals and certain turf grasses. Fusilade II Turf and Ornamental Herbicide does not control broadleaf weeds or sedges (nutgrass). Fusilade II Turf and Ornamental Herbicide may be applied directly over the top of ornamentals or as a directed spray. Refer to the Ornamental Plant Tables for specific plant safety.

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**

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 7-14 days after treatment, depending on grass weed species and environmental conditions. Complete control occurs from 10-21 days following application.

## **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.

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**APPLICATION DIRECTIONS**

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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.

**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.

For best control, use sufficient spray volume and pressure to ensure complete coverage of the target grasses. Apply in 1-2 gallons final spray per 1,000 sq. ft. with spray pressures of 40-60 psi at the nozzle tip. When grass foliage is dense, use 60 psi and a minimum of 2 gallons per 1,000 sq. ft. to ensure coverage of weed foliage. Do not exceed the maximum application rates for Fusilade II Turf and Ornamental Herbicide.

**Always add a high quality 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.

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

**FOR BEST RESULTS, DO NOT APPLY FUSILADE II TURF AND ORNAMENTAL HERBICIDE WITH CONTROLLED DROPLET APPLICATORS (CDA) OR ANY SIMILAR DEVICES.**

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

Disturbance (such as mowing, hand weeding, etc.) 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 before or after applying Fusilade II Turf and Ornamental Herbicide may assist weed control.

- Apply to actively growing grasses. Application to grasses which are stressed due to moisture, temperature, low soil fertility, mechanical or chemical injury may result in reduced weed control.
- For best results, apply at the recommended rate to grasses at the recommended growth stages as outlined in Table 5 – Annual and Perennial Grass Controlled by Fusilade II Turf and Ornamental Herbicide. Application to grasses which have tillered, formed seed heads, or exceeded recommended growth stages may require additional treatment.
- 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, best results may be 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 hoeing, etc. to stimulate maximum emergence of grass shoots.
- Avoid drift to all other crops and nontarget areas. Grass crops are highly susceptible to Fusilade II Turf and Ornamental Herbicide.
- For established turf, do not reseed desirable grasses to treated areas for 14 days following the application. For bare ground areas which have been treated, wait 30 days to reseed.
- Fusilade II Turf and Ornamental Herbicide may be tank mixed with other pesticides, liquid fertilizers or any other additives according to this label or if local experience indicates that each product on the tank mix are safe to the treated crop.
- 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 ornamental injury and/or reduced grass control.
- Thoroughly clean spray tank with water and a commercial tank cleaner before and after each use.
- Reduced grass control may be observed if rainfall or irrigation occurs within one hour of application.
- **DO NOT GRAZE ANIMALS IN TREATED AREAS OR FEED TREATED PLANTS.**



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

Fusilade II Turf and Ornamental Herbicide may be applied as an over-the-top spray or a directed spray application in ornamentals.

**APPLICATION RATES**

For landscaped areas, roadsides, field grown ornamentals, greenhouses, nurseries, flower beds and all other non-turf areas:

Apply 0.4-0.6 oz./1000 sq. ft. (16-24 oz./A) of Fusilade II Turf and Ornamental Herbicide in sufficient water along with 0.25% (1/2 pt./25 gals.) of a nonionic surfactant. Use only nonionic surfactant on ornamentals. **DO NOT USE A CROP OIL CONCENTRATE WITH FUSILADE II TURF AND ORNAMENTAL HERBICIDE ON ORNAMENTALS.**

**Table 1. Over-the-Top Applications May be Applied to the Following Ornamentals. Use only nonionic surfactants on ornamentals.**

| COMMON NAME/VARIETY   | SCIENTIFIC NAME    |
|-----------------------|--------------------|
| Abelia, Glossy        | Abelia grandiflora |
| Acacia, Jim wheat     | Acacia schafnerii  |
| Acacia, Shoe-string   | Acacia stenophylla |
| Acacia, Willow        | Acacia saligna     |
| Acacia, Willow-leafed | Acacia salacina    |
| Ageratum sp.          | Ageratum sp.       |
| Almond, Flowering     | Prunus triloba     |
| Aloe, Barbados        | Aloe barbadensis   |
| Aloe vera             | Aloe vera          |
| Aloe zanzibarica      | Aloe zanzibarica   |

| COMMON NAME/VARIETY        | SCIENTIFIC NAME                  |
|----------------------------|----------------------------------|
| Alyssum sp.                | Alyssum sp.                      |
| Ash, American Mountain     | Sorbus americana*                |
| Ash, Arizona               | Fraxinus velutina                |
| Ash, Green                 | Fraxinus pennsylvanica*          |
| Ash, White                 | Fraxinus americana*              |
| Asparagus, Myres           | Asparagus densiflorus            |
| Asparagus, Sprenger        | Asparagus densiflorus            |
| Aucuba                     | Aucuba japonica                  |
| Aucuba japonica variegata  | Aucuba japonica variegata        |
| Aurea                      | Philadelphius coronarius         |
| Banana, Ethiopia           | Musa maurelli                    |
| Banksia                    | Rosa Banksiae                    |
| Barberry, Mentor           | Berberis mentorensis             |
| Barberry, Redleaf Japanese | Berberis thunbergii*             |
| Bearberry, Red             | Arctostaphylos uva-ursi          |
| Begonia, Scarletta         | Begonia Semperflorens cultoreum* |
| Bellflower                 | Campanula carpatica              |
| Birch, Eastern white       | Betula pendula*                  |
| Bird, Giant of paradise    | Strelitzia nicolai               |
| Bird of paradise           | Caesalpinia gilliesii            |
| Bird of Paradise           | Strelitzia reginae               |
| Bittle bush                | Encelia farinosa                 |
| Bottle-brush               | Callistemon lanceolatus          |
| Bougainvillea sp.          | Bougainvillea sp.                |
| Boxwood, Common            | Buxus sempervirens               |
| Boxwood, Japanese          | Buxus microphylla var. japonica  |
| Boxwood, Korean            | Buxus microphylla koreana        |
| Buckthorn, Tallhedge       | Rhamnus frangula                 |
| Burningbush, Compact       | Kochia scoparia f. trychophylla  |
| Bush, Lily-of-the-Valley   | Pieris japonica                  |
| Bush, Purple hopseed       | Dodonea viscosa purpurea         |
| Cactus, Barrel             | Ferocactus sp.                   |
| Cactus, Cholla             | Opuntia Cholla                   |
| Cactus, Hedgehog           | Echinocactus sp.                 |

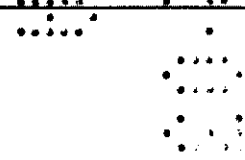
| COMMON NAME/VARIETY       | SCIENTIFIC NAME                  |
|---------------------------|----------------------------------|
| Cactus, Saguaro           | Carnegiea gigantea               |
| Caesalpinia cacalaco      | Caesalpinia cacalaco             |
| Camelia                   | Camelia japonica                 |
| Camelia, Sasanqua         | Camelia sasanqua                 |
| Cape weed                 | Arctotheca calendula             |
| Carissa tuttlei           | Carissa tuttlei                  |
| Cassia, African           | Cassia didymobrotrya             |
| Cassia, Feathery          | Cassia artemisioides             |
| Cassia sturdii            | Cassia sturdii                   |
| Centaurea, Dusty miller   | Centaurea cineraria              |
| Century plant             | Agave americana                  |
| Cerastium, Snow in summer | Cerastium tomentosum             |
| Ceratoria, Carob tree     | Ceratoria siliqua                |
| Cercis, Red bud           | Cercis canadiensis               |
| Cherry, Australian bush   | Syzygium paniculatum             |
| Cherry, Brush             | Eugenia myrtifolia               |
| Cherry, Carolina          | Prunus caroliniana ompacta       |
| Chives                    | Allium schoenoprasum             |
| Cleyera                   | Cleyera spp.                     |
| Cleyera                   | Ternstroemia gymnanthera         |
| Clover, Pink              | Polygonum capitatum              |
| Coffee                    | Coffea arabica                   |
| Coleus                    | Coleus x hybridus*               |
| Coleus, Jade wizard       | Coleus x hybridus                |
| Coolibah, Gum-barked      | Eucalyptus microtheca            |
| Coreopsis, Threadleaf     | Coreopsis verticillata           |
| Coronet, Orange           | Calendula officinalis*           |
| Cotoneaster               | Cotoneaster microphyllus         |
| Cotoneaster               | Cotoneaster repens               |
| Cotoneaster apiculata     | Cotoneaster apiculata            |
| Cotoneaster, Coral beauty | Cotoneaster dammeri              |
| Cotoneaster, Royal beauty | Cotoneaster dammeri              |
| Cotoneaster, Spreading    | Cotoneaster divaricatus          |
| Cotoneaster, Willowleaf   | Cotoneaster salicifolius franch. |

| COMMON NAME/VARIETY          | SCIENTIFIC NAME                      |
|------------------------------|--------------------------------------|
| Crabapple, Showy             | <i>Malus floribunda</i>              |
| Cranesbill                   | <i>Geranium pratense</i>             |
| Creeper, Blue star           | <i>Isotoma</i> sp.                   |
| Crossandra                   | <i>Crossandra nilotica</i>           |
| Croton                       | <i>Codiaeum variegatum</i>           |
| Crown Vetch                  | <i>Vicia</i> sp.                     |
| Cypress, Allum lawson        | <i>Chamaecyparis lawsoniana</i>      |
| Cypress, Cripps hinoki false | <i>Chamaecyparis obtusa</i>          |
| Cypress, Italian             | <i>Cupressus sempervirens</i>        |
| Daisy, Shasta                | <i>Chrysanthemum x superbum</i>      |
| Daisy, White africans        | <i>Osteospermum fruticosum alba</i>  |
| Daylily                      | <i>Hemerocallis hybrids</i>          |
| Deutzia, Slender             | <i>Deutzia gracilis</i>              |
| Dianthus, Sweet William      | <i>Dianthus barbatus</i>             |
| Dogwood, Cornelia cherry     | <i>Cornus mas</i>                    |
| Dogwood, Flaviramea          | <i>Cornus sericea</i>                |
| Dogwood, Flowering           | <i>Cornus florida</i>                |
| Dogwood, Red twig            | <i>Cornus sericea</i>                |
| Dumbcane, Giant              | <i>Dieffenbachia amoena</i>          |
| Emerald mound                | <i>Lonicera xylosteum</i>            |
| Eranthemum, Purple false     | <i>Pseuderanthemum atropurpureum</i> |
| Erythrina, Fastadiata        | <i>Erythrina fusca</i>               |
| Erythrina, Swamp immortella  | <i>Erythrina fusca</i>               |
| Escallonia fradessii         | <i>Escallonia fradessii</i>          |
| Escallonia rubra             | <i>Escallonia rubra</i>              |
| Euonymus fortunei            | <i>Euonymus fortunei</i>             |
| Euonymus, Siebold            | <i>Euonymus alata</i>                |
| Euonymus, Silver king        | <i>Euonymus japonica</i>             |
| Euonymus, Spreading          | <i>Euonymus kiautschovicus</i>       |
| Euryops                      | <i>Euryops pectinatus</i>            |
| Evergreen, Fransher          | <i>Aglanoema commutatum</i>          |
| Evergreen, Painted           | <i>Aglanoema crispum</i>             |
| Evergreen, Silver queen      | <i>Aglanoema commutatum</i>          |
| Evergreen, Treubii ribbon    | <i>Aglanoema commutatum</i>          |

| COMMON NAME/VARIETY                             | SCIENTIFIC NAME                  |
|---|----------------------------------|
| Fatshedera                                      | Fatshedera lizei                 |
| Fern, Desert tree                               | Lysiloma thornberii              |
| Fern, Leatherleaf                               | Rumohra adiantiformis            |
| Fern, Sword                                     | Nephrolepis exaltata             |
| Fig, Creeping                                   | Ficus repens                     |
| Fig, Exotica weeping                            | Ficus benjamina                  |
| Fig, Trailing hottentot                         | Carpobrotus chilensis*           |
| Fir, Balsam                                     | Abies balsamea*                  |
| Fir, Concolor                                   | Abies concolor                   |
| Fir, Douglas                                    | Pseudotsuga mensiessi            |
| Fir, Noble                                      | Abies procera                    |
| Firethorn                                       | Pyracanthus graberi              |
| Firethorn, Mojave                               | Pyracanthus koidzumii x coccinea |
| Firethorn, Scarlet, Lalandei                    | Pyracanthus coccinea             |
| Firethorn, Variegated                           | Pyracanthus angustifolia         |
| Flower, Spider                                  | Grevillea rosmarinifolia         |
| Forsythia intermedia                            | Forsythia intermedia             |
| Forsythia sp.                                   | Forsythia sp.                    |
| Forsythia, weeping                              | Forsythia suspensa               |
| Forsythia x intermedia                          | Forsythia x intermedia           |
| Gardenia, dwarf                                 | Gardenia jasminoides             |
| Gardenia, Tahitian                              | Gardinia taitensis               |
| Gay feather                                     | Liatris spicata                  |
| Gazania gold rush                               | Gazania splendens                |
| Gazania uniflora leucoleana                     | Gazania uniflora leucoleana      |
| Geranium  | Pelargonium domesticum           |
| Geranium, Ivy                                   | Pelargonium peltatum             |
| Geranium, Smash Hit Red                         | Pelargonium X hortorum*          |
| Gimlet, Narrow-leaf                             | Eucalyptus spathulata            |
| Gladiolus, Debbie, Jennie, Mahoganny, stargazer | Gladiolus x hortulanus           |
| Grapefruit                                      | Citrus paradist                  |
| Grapholly, Oregon                               | Magnolia sp.                     |
| Grass, Red fountain                             | Pennisetum setaceum              |
| Gum, Desert                                     | Eucalyptus rudis                 |



| COMMON NAME/VARIETY          | SCIENTIFIC NAME                                 |
|------------------------------|---|
| Gum, Red                     | <i>Eucalyptus rostrata</i>                      |
| Gum, Red box                 | <i>Eucalyptus polyanthemus</i>                  |
| Hackberry                    | <i>Celtis occidentalis*</i>                     |
| Hawthorn, Yedda / Indian     | <i>Raphiolepis unbellata</i>                    |
| Heather, Scotch              | <i>Calluna vulgaris</i>                         |
| Hemlock, Eastern             | <i>Tsuga canadensis</i>                         |
| Hen and chickens             | <i>Sempervivum tectorum</i>                     |
| Hesperaloe parviflora        | <i>Hesperaloe parviflora</i>                    |
| Hibiscus, Althea             | <i>Hibiscus syriacus</i>                        |
| Hibiscus, Chinese            | <i>Hibiscus rosa-sinensis</i>                   |
| Holly, American              | <i>Ilex opaca</i>                               |
| Holly, Dwarf buford          | <i>Ilex cornuta</i>                             |
| Holly, Fosteri               | <i>Ilex x attenuata</i>                         |
| Holly, Japanese              | <i>Ilex crenata</i>                             |
| Holly, Meserve               | <i>Ilex x Meserveae</i>                         |
| Hollyhock                    | <i>Alcea rosa</i>                               |
| Honey locust / shade master  | <i>Gleditsia triacanthos var. inermis</i>       |
| Honeysuckle, Bush            | <i>Diervila lonicera</i>                        |
| Honeysuckle, Cape            | <i>Tecomaria capensis</i>                       |
| Honeysuckle, Marrow          | <i>Lonicera x marrowii</i>                      |
| Hosta, Variegated            | <i>Hosta lanciflora</i>                         |
| Hydrangea, Oakleaf           | <i>Hydrangea querciflora</i>                    |
| Hydrangea, Panicle           | <i>Hydrangea paniculata</i>                     |
| Iberis, Candytuff            | <i>Iberis sempervirens</i>                      |
| Ice plant, Purple trailing   | <i>Mesembryanthemum drosanhemum productus</i>   |
| Ice plant, Red spike         | <i>Mesembryanthemum lampranthus spectabilis</i> |
| Ice plant, Rose              | <i>Mesembryanthemum drosanhemum hispidum</i>    |
| Indigo, Firecracker, Mexican | <i>Justicia spicigera</i>                       |
| Inkberry, Compact            | <i>Ilex glabra</i>                              |
| Iris                         | <i>Iris sp.</i>                                 |
| Ironwood                     | <i>Olneya tesota</i>                            |
| Ivy, Algerian                | <i>Hedera canariensis</i>                       |



| COMMON NAME/VARIETY            | SCIENTIFIC NAME                    |
|--------------------------------|------------------------------------|
| Ivy, Ellen Danica, grape       | <i>Cissus rhombifolia</i>          |
| Ivy, English                   | <i>Hedera helix</i>                |
| Ivy, Hahn's                    | <i>Hedera helix hahnii</i>         |
| Ixora                          | <i>Ixora coccinea</i>              |
| Jacaranda                      | <i>Jacaranda acutifolia</i>        |
| Jacobina ghiesbreghtiana       | <i>Jacobina ghiesbreghtiana</i>    |
| Jasmine, Star                  | <i>Trachelospermum jasminoides</i> |
| Jasmine, Asiatic               | <i>Trachelospermum asiaticum</i>   |
| Jessamine, Carolina            | <i>Gelsemium sempervirens</i>      |
| Jojoba                         | <i>Simmondsia chinensis</i>        |
| Juniper, Admiral               | <i>Juniperus horizontalis*</i>     |
| Juniper, Cologreen             | <i>Juniperus scopulorum</i>        |
| Juniper, Red cedar             | <i>Juniperus virginiana</i>        |
| Lantana, Bush                  | <i>Lantana camara</i>              |
| Lantana, Purple (trailing)     | <i>Lantana sellowiana</i>          |
| Lantana, Twistwood             | <i>Viburnum lantana*</i>           |
| Lantana, Wayfaring tree        | <i>Viburnum lantana*</i>           |
| Laurel, Indian                 | <i>Ficus microcarpa nitida</i>     |
| Laurel, Indian                 | <i>Ficus nitida</i>                |
| Legume, O'Connors              | <i>Trifolium fragiferum</i>        |
| Lentago, Nannyberry            | <i>Viburnum lentago*</i>           |
| <i>Leptospermum laevigatum</i> | <i>Leptospermum laevigatum</i>     |
| Ligustrum, Amur River          | <i>Ligustrum amurense</i>          |
| Ligustrum, Privet / California | <i>Ligustrum ovalifolium</i>       |
| Ligustrum, Texas privet        | <i>Ligustrum texanum</i>           |
| Ligustrum, Vicari              | <i>Ligustrum x Vicari</i>          |
| Ligustrum, Wax                 | <i>Ligustrum lucidum</i>           |
| Lilac, James McFarlane         | <i>Syringa villosa</i>             |
| Lilac, Korean                  | <i>Syringa patula</i>              |
| Lily, Kaffir                   | <i>Clivia miniata</i>              |
| Lily of the Nile, Peter Pan    | <i>Agapanthus africanus</i>        |
| Linden, Little-leaf            | <i>Tilia cordata*</i>              |
| Liriope                        | <i>Liriope spicata</i>             |
| Liriope, Green / Variegated    | <i>Liriope muscari</i>             |

| COMMON NAME/VARIETY                | SCIENTIFIC NAME             |
|------------------------------------|-----------------------------|
| Magnolia, Southern                 | Magnolia grandiflora        |
| Magnolia, Star                     | Magnolia stellata           |
| Mahonia                            | Mahonia aquifolium          |
| Mahonia, King's Ransom             | Mahonia wagoneri*           |
| Maple, Flame amur                  | Acer ginnala*               |
| Maple, Japanese                    | Acer palmatum               |
| Maple, Norway                      | Acer platanoides            |
| Maple, Silver                      | Acer sacharinum*            |
| Maple, Sugar                       | Acer sacharum               |
| Marigold                           | Calendula sp.               |
| Marigold                           | Tagetes sp.                 |
| Mesquite, Chilean                  | Prosopis chilensis          |
| Morningglory, Bush                 | Convolvulus oneorum         |
| Myoponum, Prostrate                | Myoponum parvifolium        |
| Myrtle, Crepe                      | Lagerstroemia indica        |
| Myrtle, Wax                        | Myrica cerifera             |
| Oak, live                          | Quercus virginiana          |
| Oak, Pin                           | Quercus palustris*          |
| Oak, Silk                          | Grevillea robusta           |
| Ocotillo                           | Fouquieria splendens        |
| Odocanthus sp.                     | Odocanthus sp.              |
| Oleander, Pink, variegated, petite | Nerium oleander             |
| Olive, Osmanthus, tea              | Osmanthus fragrans          |
| Olive, Russian                     | Elaeagnus angustrifolia     |
| Olive tree                         | Olea europaea               |
| Ongerops, Acacia                   | Acacia redolens             |
| Orange, Sour                       | Citrus aurantium            |
| Pachysandra, Japanese              | Pachysandra terminalis      |
| Pagoda flower                      | Clerodendrum speciosum      |
| Palibin                            | Syringa meyeri              |
| Palm, Canary Island date           | Phoenix canariensis         |
| Palm, Chinese fan                  | Livistona chinensis         |
| Palm, Golden fruited (small)       | Chrysalidocarpus lutesceris |
| Palm, Mediterranean fan            | Chamaerops humilis          |

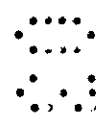
| COMMON NAME/VARIETY                | SCIENTIFIC NAME            |
|------------------------------------|----------------------------|
| Palm, Mexican fan                  | Washington robusta         |
| Palm, Pygmy date                   | Phoenix roebelenii         |
| Palm, Queen                        | Acrecastrum romanzoffianum |
| Palm Queen                         | Cocos plumosa              |
| Palm, Sago                         | Cycus revoluta             |
| Palm, Windmill                     | Chamaerops excelsa         |
| Palo Verde, green                  | Parkensonia aculeata       |
| Panax, Parsley                     | Polyscias fruticosa        |
| Passion vine                       | Passiflora pfordtii        |
| Pear, Bradford                     | Pyrus calleryana           |
| Pepper, Brazilian                  | Schinus terebinthifolius   |
| Periwinkle                         | Vinca major                |
| Periwinkle, Myrtle, dwarf          | Vinca minor                |
| Petunia sp.                        | Petunia sp.                |
| Philodendron selloum               | Philodendron selloum       |
| Philodendron, "Micans" velvetleaf  | Philodendron oxycardium    |
| Photinia                           | Photinia x'fraseri         |
| Phyllostachys, Golden bamboo       | Phyllostachys aurea        |
| Physocarpus, Abbotswood            | Physocarpus fruticosa      |
| Physocarpus, Dwarf Ninebark, Nanus | Physocarpus opulifolius    |
| Physocarpus, Gold drop             | Physocarpus fruticosa      |
| Physocarpus, Jackmanni             | Physocarpus fruticosa      |
| Pilea, Creeping Charlie            | Pilea nummulariifolia      |
| Pine, African fern                 | Podocarpus gracilor        |
| Pine, Black / Austrian pine        | Pinus nigra                |
| Pine, Canary Island                | Pinus canariensis          |
| Pine, Dwarf Swiss mountain         | Pinus mugo                 |
| Pine, Eastern white                | Pinus strobus              |
| Pine, Loblolly                     | Pinus taeda*               |
| Pine, Longleaf                     | Pinus palustris*           |
| Pine, Mexican border               | Pinus strobiformus         |
| Pine, Norfolk Island               | Araucaria heterophylla     |
| Pine, Pitch                        | Pinus rigids*              |
| Pine, Pond                         | Pinus serotina*            |

| COMMON NAME/VARIETY                    | SCIENTIFIC NAME                |
|--|--------------------------------|
| Pine, Red                              | <i>Pinus resinosa</i>          |
| Pine, Sand                             | <i>Pinus clausenii</i> *       |
| Pine, Scotch                           | <i>Pinus sylvestris</i>        |
| Pine, Shortleaf                        | <i>Pinus echinata</i> *        |
| Pine, Slash                            | <i>Pinus elliotii</i>          |
| Pine, Spruce                           | <i>Pinus glabra</i> *          |
| Pine, Table-Mountain                   | <i>Pinus pungens</i> *         |
| Pine, Virginia                         | <i>Pinus virginiana</i>        |
| Pine, Western / Ponderosa              | <i>Pinus ponderosa</i>         |
| Pine, Yew                              | <i>Podocarpus macrophylla</i>  |
| Pink lady                              | <i>Raphiolepis indica</i>      |
| Plant, Candelabra                      | <i>Euphorbia lactea</i>        |
| Plant, Caricature                      | <i>Graptophyllum pictum</i>    |
| Plant, Mirror                          | <i>Coprosma baueri</i>         |
| Plant, Ti                              | <i>Cordyline terminalis</i>    |
| Plant, Variegated mirror               | <i>Coprosma repens</i>         |
| Plant, Waffle plant / metallic         | <i>Hemigraphis</i> sp.         |
| Plum, Natal                            | <i>Carissa grandiflora</i>     |
| Plumbago, Cane                         | <i>Plumbago capensis</i>       |
| Plumosa                                | <i>Chamaecyparis pisifera</i>  |
| <i>Polystichum capense</i>             | <i>Polystichum capense</i>     |
| Portulaca, Sunglo                      | <i>Portulaca grandiflora</i> * |
| Potentilla, Gold drop, Primrose beauty | <i>Potentilla fructosa</i>     |
| Potentilla verna                       | <i>Potentilla verna</i> *      |
| Protea                                 | <i>Protea compacta</i> *       |
| Protea                                 | <i>Protea eximia</i> *         |
| Protea                                 | <i>Protea repens</i> *         |
| Protea, Giant / King                   | <i>Protea cynaroides</i>       |
| Protea, Oleander-leaved                | <i>Protea nerifolia</i> *      |
| Pygmy, Crimson                         | <i>Berberis thunbergii</i> *   |
| Pyracanth, Lodense                     | <i>Pyracanthus koidzumii</i>   |
| Quince, Flowering                      | <i>Chaenomeles speciosa</i> *  |
| Radiator plant                         | <i>Peperomia scandens</i>      |
| Rhododendron                           | <i>Rhododendron formosa</i>    |

| COMMON NAME/VARIETY                     | SCIENTIFIC NAME          |
|---|--------------------------|
| Rhododendron, Amoenum                   | Rhododendron obtusum     |
| Rhododendron, Blaauw's pink             | Rhododendron sp.         |
| Rhododendron, Boule de neige            | Rhododendron sp.         |
| Rhododendron, Chionoides                | Rhododendron catawbiense |
| Rhododendron, Coral bells               | Rhododendron obtusum     |
| Rhododendron, Delaware Valley white     | Rhododendron sp.         |
| Rhododendron, Elizabeth Gable           | Rhododendron catawbiense |
| Rhododendron, English roseum            | Rhododendron catawbiense |
| Rhododendron, Fashio                    | Rhododendron sp.         |
| Rhododendron, Gerard's Rose             | Rhododendron sp.         |
| Rhododendron, Gibraltar                 | Rhododendron sp.         |
| Rhododendron, Gloria                    | Rhododendron sp.         |
| Rhododendron, Greeting                  | Rhododendron sp.         |
| Rhododendron, Gumpo pink                | Rhododendron sp.         |
| Rhododendron, Gumpo white               | Rhododendron sp.         |
| Rhododendron, H. H. Hume                | Rhododendron sp.         |
| Rhododendron, Hahm red                  | Rhododendron sp.         |
| Rhododendron, Herbert                   | Rhododendron sp.         |
| Rhododendron, Hino red                  | Rhododendron sp.         |
| Rhododendron, Kaempo                    | Rhododendron sp.         |
| Rhododendron, Kluis sensation           | Rhododendron sp.         |
| Rhododendron, Korean azalea/Poukhanense | Rhododendron yedoense    |
| Rhododendron, Less dark purple          | Rhododendron catawbiense |
| Rhododendron, Masasoit                  | Rhododendron sp.         |
| Rhododendron, Mother's Day              | Rhododendron sp.         |
| Rhododendron, Pericat                   | Rhododendron sp.         |
| Rhododendron, Pink pearl                | Rhododendron sp.         |
| Rhododendron, President Lincoln         | Rhododendron sp.         |
| Rhododendron, Prize                     | Rhododendron sp.         |
| Rhododendron, Purple elegans            | Rhododendron catawbiense |
| Rhododendron, Purple gem                | Rhododendron sp.         |
| Rhododendron, Purple splendor           | Rhododendron catawbiense |
| Rhododendron, Red ruffle                | Rhododendron sp.         |
| Rhododendron, Red wing                  | Rhododendron sp.         |

| COMMON NAME/VARIETY                             | SCIENTIFIC NAME                   |
|---|-----------------------------------|
| Rhododendron, Road runner                       | Rhododendron sp.                  |
| Rhododendron, Rose greeley                      | Rhododendron catawbiense          |
| Rhododendron, Rosebud                           | Rhododendron sp.                  |
| Rhododendron, Roseum elegans                    | Rhododendron catawbiense          |
| Rhododendron, Roseum superbum                   | Rhododendron catawbiense          |
| Rhododendron, Royalty                           | Rhododendron sp.                  |
| Rhododendron, Rutherfordiana<br>Constances      | Rhododendron sp.                  |
| Rhododendron, Salmon spray                      | Rhododendron sp.                  |
| Rhododendron, Snow                              | Rhododendron sp.                  |
| Rhododendron, Stewartstonian                    | Rhododendron sp.                  |
| Rhododendron, Sweethart                         | Rhododendron sp.                  |
| Rhododendron, Tabor                             | Rhododendron sp.                  |
| Rhododendron, Tradition                         | Rhododendron sp.                  |
| Rhododendron, White cascade                     | Rhododendron sp.                  |
| Rhododendron, White catawba                     | Rhododendron catawbiense          |
| Rhododendron "Gable Hybrid"                     | Rhododendron "Gable Hybrid"       |
| Ruellia californica                             | Ruellia californica               |
| Rose  | Rosa sp.                          |
| Rose, Hybrid tea                                | Rosa hybrida                      |
| Rose, Rock                                      | Cistus hybridus                   |
| Rosemary dwarf                                  | Rosmarinus officinalis prostratus |
| Rubber tree                                     | Ficus elastica decora             |
| Sage, Texas                                     | Leucophyllum frutescens           |
| Sally, Moneywort / Wandering                    | Lysimachia nummularia             |
| Saltbush  | Atriplex sp.                      |
| Salvia greggii                                  | Salvia greggi                     |
| Sandwort  | Arenaria verna                    |
| Sansevieria, Hahaii / Mother-in-law's<br>tongue | Sansevieria trifasciata           |
| Sansevieria, Moon Glow                          | Sansevieria sp.                   |
| Santolina, Lavendar cotton                      | Santolina chanaecy parissus       |
| Schefflera, Manila Ripple                       | Schefflera arboricola             |
| Schinus, California pepper                      | Schinus molle                     |
| Sedum   | Sedum spectabile                  |

| COMMON NAME/VARIETY                         | SCIENTIFIC NAME         |
|---|-------------------------|
| Sedum, Brown bean                           | Sedum quatemalense      |
| Sedum, Green stone crop                     | Sedum brevifolium       |
| Sedum x rubrotinctum                        | Sedum x rubrotinctum    |
| Snapdragon                                  | Antirrhinum majus*      |
| Snapdragon, Yellow floral carpet            | Antirrhinum majus       |
| Spirae, Anthony Waterer                     | Spirae x bumalda        |
| Spirae, Billiard                            | Spirae x billardi       |
| Spirae, Coccinea                            | Spirae japonica*        |
| Spirae, Crispa                              | Spirae x bumalda        |
| Spirae, Froebelii                           | Spirae x bumalda        |
| Spirae, Gold Flame                          | Spirae x bumalda        |
| Spirae, Snowmound                           | Spirae nipponica        |
| Spirae, Thunberg                            | Spirae thunbergii       |
| Spirea, False                               | Astilbe x arendsii      |
| Sprengeri                                   | Asparagus densiflorus   |
| Spruce, Blue                                | Picea pungens           |
| Spruce, Dwarf Alberta, Black Hills, Densata | Picea glauca            |
| Spruce, Norway                              | Picea abies             |
| Spruce, Serbian                             | Picea omarika           |
| Statice, Annual                             | Statice sinuata         |
| Strawberry, Ornamental                      | Fragaria chiloensis     |
| Sumac, fragrant                             | Rhus aromatica          |
| Sumar, African standard                     | Rhus lancea             |
| Sweetgum, American                          | Liquidambar styraciflua |
| Sycamore                                    | Platanus sp.*           |
| Tecoma, Yellow Bells                        | Tecoma stans angustate  |
| Thuja, Berkman's                            | Thuja orientalis        |
| Thuja, Emerald green                        | Thuja occidentalis      |
| Thuja, Globosa                              | Thuja occidentalis      |
| Thuja, Pyramidalis                          | Thuja occidentalis      |
| Thuja, Techny                               | Thuja occidentalis      |
| Thuja, Techny american arborvitae           | Thuja occidentalis      |
| Thuja, White Cedar                          | Thuja occidentalis      |
| Thuja, Woodwardii                           | Thuja occidentalis      |





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| COMMON NAME/VARIETY                | SCIENTIFIC NAME              |
|------------------------------------|------------------------------|
| Trachelospermum asiaticum          | Trachelospermum asiaticum    |
| Tree, Firewheel                    | Stenocarpus sinuatus         |
| Tree, Golden-rain                  | Koelreuteria paniculata*     |
| Tree, New Zealand Christmas        | Metrosideros excelsus        |
| Tree, Pagoda                       | Sophora japonica*            |
| Tree, Varnish                      | Koelreuteria paniculata      |
| Tree, Yellow oleander              | Thevetia peruviana           |
| Viburnum, Arrowwood                | Viburnum dentatum            |
| Viburnum, Compact cranberrybush    | Viburnum trilobum            |
| Viburnum, Doublefile / tomentosum  | Viburnum plicatum            |
| Viburnum, Japanese snowball        | Viburnum japonicum           |
| Viburnum, Judd                     | Viburnum x juddi             |
| Viburnum, Nanum                    | Viburnum opulus              |
| Viburnum, Spandankwa               | Viburnum suspensum           |
| Viburnum, Willowwood               | Viburnum x rhytidophylloides |
| Weigelia, Newport red              | Weigelia florida             |
| Weigelia, Pink                     | Weigelia florida             |
| Welleri                            | Buxus sempervirens           |
| Willow, Australia                  | Geijera parviflora           |
| Willow, Basket                     | Salix purpurea               |
| Willow, Desert                     | Pittosporum phillyraeoides   |
| Willow, Purple                     | Salix purpurea*              |
| Willow, Tortuosa corkscrew         | Salix matsudana              |
| Willow, Weeping                    | Salix babylonica*            |
| Willow, Wheelers dwarf, variegated | Pittosporum Tobira           |
| Willow, White                      | Salix alba                   |
| Xylosma senticosa                  | Xylosma senticosa            |
| Yarrow, Common                     | Achillea millefolium         |
| Yarrow, Coronation gold, fernleaf  | Achillea filipendulina       |
| Yaupon, Dwarf yaupon / Tall        | Ilex vomitoria               |
| Yew, Dense                         | Taxus x media                |
| Yew, Hicks                         | Taxus x media                |
| Yew, Japanese                      | Taxus cuspidata              |
| Yew, Thayeri                       | Taxus x media                |

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| <b>COMMON NAME/VARIETY</b> | <b>SCIENTIFIC NAME</b> |
|----------------------------|------------------------|
| Yucca                      | Yucca filamentosa      |
| Yucca, Spanish dagger      | Yucca gloriosa         |
| Yucca, Weeping dagger      | Yucca pendula          |
| Zinnia sp.                 | Zinnia sp.             |

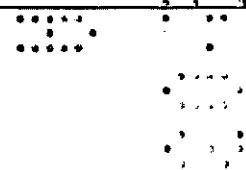
\*Not applicable in California

**Table 2. 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.)

| <b>COMMON NAME / VARIETY</b>       | <b>SCIENTIFIC NAME</b>             |
|------------------------------------|------------------------------------|
| Bamboo, Heavenly                   | <i>Nandina domestica</i>           |
| Bottle-brush, Weeping              | <i>Callistemon viminalis</i>       |
| Bugle weed                         | <i>Ajuga variegata</i>             |
| Cactus, Prickly pear               | <i>Opuntia</i> sp.                 |
| Cats Claw, Yellow trumpet          | <i>Begonia tweediana</i>           |
| <i>Ceanothus griseus</i>           | <i>Ceanothus griseus</i>           |
| Cinquefoil, Spring                 | <i>Potentilla verna</i>            |
| Columbine                          | <i>Aquilegia hybrida</i>           |
| Cypress, Leyland                   | <i>Cupressocyparis leylandi</i>    |
| <i>Dracaena, Massangeana</i>       | <i>Dracaena fragans</i>            |
| <i>Dracaena, Tricolor</i>          | <i>Dracaena marginata</i>          |
| Eureka                             | <i>Rhododendrum obtusum</i>        |
| Fetterbush                         | <i>Leucothoe axillaris</i>         |
| Fir, Fraser                        | <i>Abies fraser</i>                |
| Gallery                            | <i>Gladiolus x hortulanus</i>      |
| <i>Gamolepsis chrysanthemoides</i> | <i>Gamolepsis chrysanthemoides</i> |
| <i>Gazania ringens</i>             | <i>Gazania ringens</i>             |
| Grass, Green fountain              | <i>Pennisetum sectaceum</i>        |
| Grass, Mondo                       | <i>Ophiopogon japonicum</i>        |
| Green carpet                       | <i>Herniaria glabra</i>            |
| Guava, Pineapple                   | <i>Feijoa sellowiana</i>           |
| Gum, Lemon-scented                 | <i>Eucalyptus citriodora</i>       |
| Honesuckle, Japanese               | <i>Lonicera japonica</i>           |
| Indica                             | <i>Rhododendrum indicum</i>        |
| Juniper, Arcadia                   | <i>Juniperus sabina</i>            |
| Juniper, Blue Pacific              | <i>Juniperus conferta</i>          |

| COMMON NAME / VARIETY       | SCIENTIFIC NAME          |
|-----------------------------|--------------------------|
| Juniper, Blue Rug           | Juniperus horizontalis   |
| Juniper, Broadmoor          | Juniperus sabina         |
| Juniper, Grey Owl           | Juniperus virginiana     |
| Juniper, Hughes             | Juniperus horizontalis   |
| Juniper, Maney              | Juniperus chinensis      |
| Juniper, Nana               | Juniperus chinensis      |
| Juniper, Old Gold           | Juniperus chinensis      |
| Juniper, Pathfinder         | Juniperus scopulorum     |
| Juniper, Pfitzeriana        | Juniperus chinensis      |
| Juniper, Prostrata          | Juniperus chinensis      |
| Juniper, Robdsta            | Juniperus chinensis      |
| Juniper, San Jose           | Juniperus japonica       |
| Juniper, Scandia            | Juniperus sabina         |
| Juniper, Skyrocket          | Juniperus virginiana     |
| Juniper, Spearmint          | Juniperus chinensis      |
| Juniper, Tamariseifolia     | Juniperus sabina         |
| Juniper, Variegata          | Juniperus horizontalis   |
| Juniper, Webberi            | Juniperus horizontalis   |
| Juniper, Welchii            | Juniperus scopulorum     |
| Juniper, Wiltonii           | Juniperus horizontalis   |
| Juniper, Youngtown Compacta | Juniperus horizontalis   |
| Kurume                      | Rhododendrum obtusum     |
| Lantana, White              | Lantana montevidensis x  |
| Lilac                       | Syringa chinensis        |
| Maki                        | Podocarpus macrophyllus  |
| Maple, Red                  | Acer rubrum              |
| Oleander                    | Nerium oleander standard |
| Oyster plant                | Rhoeo spathacea          |
| P.I.M.                      | Rhododendrum sp.         |
| Philodendrum sp.            | Philodendrum sp.         |
| Plumeria, Temple Tree       | Plumeria acuminata       |
| Privet, Japanese            | Ligustrum japonicum      |
| Protea                      | Banksia prinotes*        |
| Protea                      | Banksia victoria*        |



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| COMMON NAME / VARIETY | SCIENTIFIC NAME           |
|-----------------------|---------------------------|
| Protea                | Banksia speciosa*         |
| Protea, Pincushion    | Leucospermum cordifolium* |
| Ruelia                | Ruelia ciliosa            |
| Snowball, Chinese     | Viburnum macrocephalum    |
| Spirea, Vanhoutte     | Spirea x vanhouteii       |
| Star plant, Lavender  | Grewia caffra             |
| Sunglow               | Rhododendrum obtusum      |
| Tree, Strawberry      | Arbustus unedo            |
| Varigated ajuga       | Ajuga reptans             |
| Willow                | Salix caroliniana         |

\*Not applicable in California.

**Table 3. 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).

| <b>COMMON NAME VARIETY</b> | <b>SCIENTIFIC NAME</b>                  |
|----------------------------|---|
| Acacia                     | <i>Acacia latifolia</i>                 |
| Acacia sweet               | <i>Acacia farnesiana</i>                |
| Bleeding heart             | <i>Dicentra spectabilis</i>             |
| Blueberry tifblue          | <i>Vaccinium achei</i>                  |
| Bottle tree                | <i>Brachychiton populneum</i>           |
| Carrot wood                | <i>Cupaniopsis anacardioides</i>        |
| Cassia                     | <i>Cassia condolioma</i>                |
| Cherry mazzard             | <i>Avium* prunum</i>                    |
| Cordyline                  | <i>Cordyline stricta</i>                |
| Coromandel                 | <i>Asystasia gangetica</i>              |
| Croton chinese crenate     | <i>Exococaria cochichinensis</i>        |
| Desert broom               | <i>Baccharis sarothroides</i>           |
| Eucalyptus                 | <i>Eucalyptus nicholii</i>              |
| Fiddlewood                 | <i>Citharexylum spinosum</i>            |
| Hearts and flowers         | <i>Aptenia cordifolia</i>               |
| Hibiscus                   | <i>Hibiscus lepenk</i>                  |
| Ice plant white (trailing) | <i>Mesembryanthemum delosperma alba</i> |
| Ivy swedish                | <i>Plectranthus australis</i>           |
| Jade plant                 | <i>Crassula argentea</i>                |
| Janet Craig/Warnecki       | <i>Dracaena deremensis</i>              |
| Juniper, Armstrongii       | <i>Juniperus chinensis</i>              |
| Juniper, Burkii            | <i>Juniperus virginiana</i>             |
| Juniper, Excelsa Strieta   | <i>Juniperus scopulorum</i>             |
| Juniper, Spiny Greek       | <i>Juniperus scopulorum</i>             |
| Justicia red               | <i>Odontonema strictum</i>              |
| Kings crown                | <i>Justicia carnea</i>                  |

| COMMON NAME VARIETY       | SCIENTIFIC NAME                  |
|---------------------------|----------------------------------|
| Knotweed pinkhead         | <i>Polygonum capitatum</i>       |
| Magnolia southern         | <i>Magnolia gradiflora</i>       |
| Pothos/Marble Queen       | <i>Epipremnum aureum</i>         |
| Primrose, mexican evening | <i>Oenothera berlandier</i>      |
| Rhododendron, Formosa     | <i>Rhododendron indicum</i>      |
| Rhododendron, Hersey red  | <i>Rhododendron obtusum</i>      |
| Rhododendron, Hino pink   |                                  |
| Rhododendron, Hinodegeri  |                                  |
| Rhododendron, Karen       | <i>Rhododendron poukhanensis</i> |
| Rubber plant baby         | <i>Peperomia obtusifolia</i>     |
| Shrimp plant              | <i>Justicia brandegeana</i>      |
| Shrimp plant yellow       | <i>Pachystachys lutea</i>        |
| Slipper flower            | <i>Pedilanthus tithymaloides</i> |
| Sonoran palo verde        | <i>Cercidium praecox</i>         |
| Thunbergia laurel-leaved  | <i>Thunbergia laurifolia</i>     |
| Umbrella plant            | <i>Cyperus alternifolius</i>     |
| White shrimp plant        | <i>Justicia betonia</i>          |

\*Not applicable in California

**Table 4. 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.)

| <b>COMMON NAME/VARIETY</b> | <b>SCIENTIFIC NAME</b>                  |
|----------------------------|---|
| Birch river                | <i>Alsophia australis</i>               |
| Chandelier plant           | <i>Kalanchoe tubiflora</i>              |
| Compacta                   | <i>Euonymus alata</i>                   |
| Falsecypress boulevard     | <i>Chamaecyparis pisifera</i>           |
| Fern australia tree        | <i>Acalypha godsefeiana hertophylla</i> |
| Grass pampas               | <i>Coprtederia seloana</i>              |
| Juniper, Bar Harbor        | <i>Juniperus sp.</i>                    |
| Juniper, Blue chip         | <i>Juniperus horizontalis</i>           |
| Juniper, Blue Haven        | <i>Juniperus scopulorum</i>             |
| Juniper, Prince of Wales   | <i>Juniperus sp.</i>                    |
| Juniper, Sea green         | <i>Juniperus chinensis</i>              |
| Katherine Dykes            | <i>Physocarps fruticosa</i>             |
| Lavender-scallops          | <i>Kalanchoe fedtschenkoi</i>           |
| Periwinkle madagascar      | <i>Catharanthus roseus</i>              |
| Purple heart               | <i>Setcreasea purpurea</i>              |
| Spider plant               | <i>Chlorophytum comosum</i>             |
| Wandering jew              | <i>Zebrina pendula</i>                  |



**NONCROP AREAS  
ROADSIDE, INDUSTRIAL AND OTHER AREAS**

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 1-4 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 1-4 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.

**SPOT TREATMENTS AND DIRECTED SPRAYS (NOT FOR USE ON DESIRABLE TURF)**

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 Herbicide | Nonionic Surfactant |
| 1 gal.                    | 0.75 fl. oz.                              | 1/2 fl. oz.         |
| 10 gals.                  | 6.5 fl. oz.                               | 3 fl. oz.           |
| 25 gals.                  | 1 pt.                                     | 1/2 pt.             |
| 50 gals.                  | 1 qt.                                     | 1 pt.               |

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**GENERAL PRECAUTIONS**

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- 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.

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**WEED CONTROL IN DESIRABLE TURFGRASS**

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For the suppression and/or control of Common Bermudagrass, Hybrid Bermudagrass and other grass weeds in Zoysia and Tall Fescue. Not for use on home lawns.

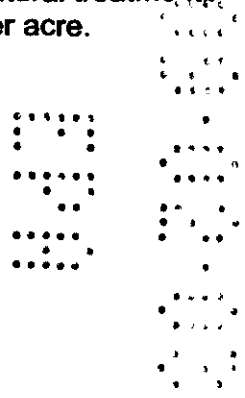
Keep off fescue in summer.

Apply 0.07-0.14 oz/1000 sq. ft. (3-6 oz./A) along with 0.25% v/v (1/2 pt./25 gals.) of a nonionic surfactant. Application should be made every 28 days when the grass weeds are actively growing. The higher rates may result in temporary discolorization of the desirable turf with recovery in 10-14 days. **Do not apply to desirable turf which is under stress.** For best results, make applications in spring and fall and avoid treatments during July and August.

Complete control of undesirable grass may take 1-2 growing seasons.

**Over-spray Zoysia:** Application should be made at a rate of 3-4 oz./A 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 28-30 days. Late-summer application can be reduced to 2-3 oz./A as bermudagrass is preparing for dormancy. During hot summer weather the rates could be increased to 4-5 oz./A. **Note:** The 5 oz. rate could cause temporary turf discoloration.

**Over-spray Tall Fescue:** Application rate should be 5-6 oz./A. 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 10-14 days. Weather and cultural treatments can also effect applications. Use a minimum of 30 gallons of water per acre.



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

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**Fusilade II Turf & Ornamental Herbicide with Reward® Landscape and Aquatic or Reward® LS Landscape Herbicide**

Fusilade II Herbicide and Reward herbicides may be applied together in a tank mix 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 Reward LS Landscape Herbicides per acre. Add 8-16 oz. of a 75% or greater nonionic surfactant per 100 gallons of water.

**Tank Mix Precautions- Fusilade II and Reward Landscape and Aquatic or Reward LS Landscape 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.

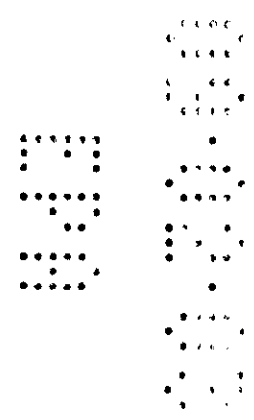
**Annual and Perennial Grasses Controlled by Fusilade II Turf and Ornamental  
Herbicide**

| <b>COMMON NAME</b>     | <b>SCIENTIFIC NAME</b>         | <b>GROWTH<br/>STAGE<br/>(INCHES)</b> |
|------------------------|--------------------------------|--------------------------------------|
| Barnyardgrass          | <i>Echinochloa crus-galli</i>  | 2-8                                  |
| Bermudagrass           | <i>Cynodon dactylon</i>        | 4-8                                  |
| Broadleaf signalgrass  | <i>Brachiaria platyphylla</i>  | 2-8                                  |
| Crabgrass, Large       | <i>Digitaria sanguinalis</i>   | 2-8                                  |
| Crabgrass, Smooth      | <i>Digitaria ischaemum</i>     | 2-8                                  |
| Crabgrass, Southern    | <i>Digitaria ciliaris</i>      | 2-8                                  |
| Crabgrass, Tropical    | <i>Digitaria bicornis</i>      | 2-8                                  |
| Downy brome            | <i>Bromus tectorum</i>         | 2-8                                  |
| Fall Panicum           | <i>Panicum dichotomiflorum</i> | 2-8                                  |
| Field Sandbur          | <i>Cenchrus incertus</i>       | 2-8                                  |
| Foxtail, Giant         | <i>Setaria faberi</i>          | 2-8                                  |
| Foxtail, Green         | <i>Setaria viridis</i>         | 2-8                                  |
| Foxtail, Yellow        | <i>Setaria lutescens</i>       | 2-8                                  |
| Goosegrass             | <i>Eleusine indica</i>         | 2-8                                  |
| Guineagrass, seedling  | <i>Panicum maximum</i>         | 6-12                                 |
| Italian Ryegrass       | <i>Lolium multiflorum</i>      | 2-8                                  |
| Itchgrass              | <i>Rottboellia exaltata</i>    | 2-8                                  |
| Johnsongrass, Rhizome  | <i>Sorghum halepense</i>       | 8-18                                 |
| Johnsongrass, Seedling | <i>Sorghum halepense</i>       | 8-18                                 |
| Junglerice             | <i>Echinochloa colonum</i>     | 2-8                                  |
| Kikuyugrass*           | <i>Pennisetum clandestinum</i> | 4-8                                  |
| Prairie cupgrass       | <i>Eriochloa contracta</i>     | 2-8                                  |
| Quackgrass             | <i>Agropyron repens</i>        | 6-10                                 |
| Rabbitfootgrass        | <i>Polypogon monspeliensis</i> | 2-8                                  |
| Red Rice               | <i>Oryza sativa</i>            | 2-8                                  |
| Shattercane            | <i>Sorghum bicolor</i>         | 2-8                                  |
| Sorghum alnum          | <i>Sorghum alnum</i>           | 2-8                                  |
| Southern Sandbur       | <i>Cenchrus echinatus</i>      | 2-8                                  |
| Southwestern cupgrass  | <i>Eriochloa gracilis</i>      | 2-8                                  |
| Texas Panicum          | <i>Panicum texanum</i>         | 2-8                                  |

| COMMON NAME       | SCIENTIFIC NAME       | GROWTH STAGE (INCHES) |
|-------------------|-----------------------|-----------------------|
| Torpedograss**    | Panicum repens        | 3-10                  |
| Volunteer Cereals |                       |                       |
| V. Barley         | Hordeum vulgare       | 2-8                   |
| V. Corn           | Zea mays              | 2-8                   |
| V. Milo           | Sorghum bicolor       | 2-8                   |
| V. Oats           | Avena sativa          | 2-8                   |
| V. Rye            | Secale cereals        | 2-8                   |
| V. Wheat          | Triticum aestivum     | 2-8                   |
| Wild Proso Millet | Panicum miliaceum     | 2-8                   |
| Witchgrass        | Panicum capillare     | 2-8                   |
| Wild oats         | Avena fatua           | 2-8                   |
| Wirestem muhly    | Muhlenbergia frondosa | 4-12                  |
| Witchgrass        | Panicum capillare     | 2-8                   |
| Woolly cupgrass   | Eriochloa villosa     | 2-8                   |

Note: For best results, apply before tillering and/or herding.

- \* Not for use in California
- \*\* Use 24 oz./A per application up to three applications may be needed for complete control.



| <b>CONVERSION TABLE</b>   |                  |                     |                   |
|---|------------------|---------------------|-------------------|
| <b>Fusilade II Turf and Ornamental Herbicide Rate to be Applied</b> |                  |                     |                   |
| <b>Lb. a.i./Acre</b>  | <b>Pts./Acre</b> | <b>Fl. Oz./Acre</b> | <b>Acres/Gal.</b> |
| 0.047   | 3/16             | 3                   | 42.7              |
| 0.063   | 1/4              | 4                   | 32                |
| 0.078   | 5/16             | 5                   | 25.6              |
| 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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For non-emergency (e.g., current product information) call  
 Syngenta Crop Protection at 1-800-334-9481

Syngenta Crop Protection, Inc.  
 Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

SCP 1084A-L1 DRAFT

Revised: August 2003 First Aid

FUSILADE II TO 1084 FIRTAID CLEAN – pd – 08-26-03  
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BASE LABEL

Fusilade® II Turf and Ornamental Herbicide

For the selective control of grass weeds in landscape areas, roadsides, nurseries, greenhouses, flower beds, groundcovers, interiorscapes, parks, sports fields, golf courses, commercial and residential areas.

Active Ingredient:

Fluazifop-P-butyl

Butyl (R)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl]oxy]

phenoxy]propanoate\* ..... 24.5%

Other Ingredients: ..... 75.5%

Total: ..... 100.0%

\*Fusilade II Turf and Ornamental Herbicide contains 2 pounds (+) isomer (fluazifop-P-butyl) per gallon.  
Contains petroleum hydrocarbons.

See directions for use in attached booklet.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

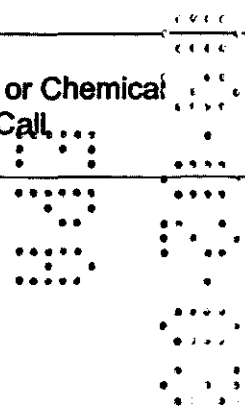
**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if absorbed through skin or inhaled. Causes eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

| <b>FIRST AID</b>   |   |
|--|---|
| <b>If on skin or clothing</b>  | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>If inhaled</b>  | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>                                       |
| <b>If in eyes</b>  | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>                                       |
| <b>If swallowed</b>  | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment.   |   |
| <b>HOT LINE NUMBER</b>   |   |
| For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical<br>Emergency Assistance (Spill, Leak, Fire, or Accident), Call<br><b>1-800-888-8372</b> |   |





**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 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.

**Engineering Control Statements**

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.

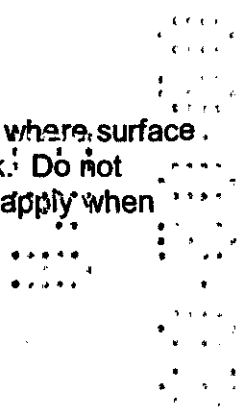
**User Safety Recommendations**

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.

EPA Reg. No. 100-1084

EPA Est. 11773-IA-01<sup>VWC</sup>

EPA Est. 46073-TN-003<sup>NTM</sup>

(Superscript is first three letters of lot number on jug)

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Formulated in the USA

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Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

1 quart  
U.S. Standard Measure

SCP 1084A-L1 DRAFT

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