

34704-778



3/5/2002  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

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OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

MAR 5 2002

Ms. Glenda Haage  
Registration Manager  
Platte Chemical Company  
418 18<sup>th</sup> St.  
Greeley, CO 80631

Dear Ms. Haage:

Subject: Crabgrass Preventer with Barricade<sup>®</sup> .375% Plus  
EPA Registration Number 34704-776  
Crabgrass Preventer with Barricade<sup>®</sup> .295% Plus  
EPA Registration Number 34704-778  
Crabgrass Preventer with Barricade<sup>®</sup> .20% Plus  
EPA Registration Number 34704-781  
Crabgrass Preventer with Barricade<sup>®</sup> 0.50% Plus  
EPA Registration Number 34704-820  
Applications and Letters Dated February 19, 2002,  
Request To Amend Registrations To: "Respond to  
PR Notice 2001-1, First Aid Statements Required

The proposed labeling amendments have been reviewed and found acceptable for the subject pesticide product registrations under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, provided that you revise the label of each these products as described below:

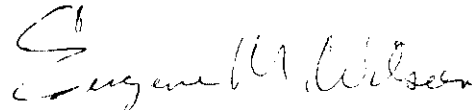
1. Revise the statement that reads: "Barricade<sup>®</sup> is a registered trademark of Novartis Crop Protection, Inc." to read: "Barricade<sup>®</sup> is a registered trademark of Syngenta Crop Protection, Inc.".
2. Revise the "Notice", regarding conditions of sales and warranty which clearly states remedies if these products cause any damage when used as directed or in their handling, by adding a statement that instructs the using public to return the product after reading the labeling of the product. A copy of the Uniform Commercial Codes that are applicable to the remedies claimed are enclosed with an example of an acceptable warranty with limitation of remedies.

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Submit one (1) copy of the final printed label prior to your shipment of each of these pesticide products under its respective revised stamped 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 under this labeling constitutes acceptance of these conditions. Stamped copies of these labels are enclosed for your records.

Sincerely yours,



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

Enclosures (4 stamped labels  
3 pages re: UCC Codes)

# CRABGRASS PREVENTER WITH BARRICADE® .295% PLUS

### ACTIVE INGREDIENT:

Prodiamine, [N<sup>3</sup>, N<sup>3</sup>-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] . . . . . 0.295%

INERT INGREDIENTS: . . . . . 99.705%  
TOTAL: 100.000%

See Fertilizer Tag for Guaranteed Fertilizer Analysis  
BARRICADE® is a registered trademark of Novartis Crop Protection, Inc.

For selective preemergence control of grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens) and lawns
- landscape ornamentals (including established perennials & wildflower plantings)
- covers up to x,xxx square feet

## KEEP OUT OF REACH OF CHILDREN CAUTION

See the following section, Precautionary Statements, Hazards To Humans and Domestic Animals, for additional information.

EPA Reg. No. 34704-778  
EPA Est. No.  
Net Weight:

IHT EXP 01/02

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

#### FIRST AID

|                                |  |
|--------------------------------|--|
| <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 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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further 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>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Store in original container away from other fertilizer, feed, or food stuffs and separated from other pesticides.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Paper or plastic containers: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or, at an incineration facility, or, if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

### DIRECTIONS FOR USE

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

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens) and lawns
- landscape ornamentals
- established perennials & wildflower plantings

This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

Do not graze or feed livestock forage cut from areas treated with this product.

Do not apply this product through any type of irrigation system.

Do not apply aerially.

Do not apply to golf course putting greens.

### APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

### ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

MAR 5 2002

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

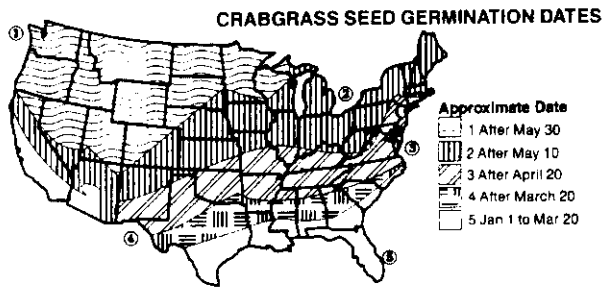
34704-778

# CRABGRASS PREVENTER WITH BARRICADE® .295% PLUS

EPA REG. NO. 34704-778

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See the map below for approximate crabgrass seed germination dates.



Contact your UHS Sales Representative or local Agricultural Extension Agent for crabgrass germination information for your area.

### Use Precautions

The following precautions apply to the use of this product in turf grasses and lawns:

Application of this product may thin emerged annual bluegrass and newly overseeded grasses.

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year.

Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.

Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.

Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

### Rates of Application

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds.

Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

### Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

<sup>1)</sup> These are the maximum rates per calendar year by species limitations.

| Turf Species:                     | lbs product/A | lbs a/A |
|-----------------------------------|---------------|---------|
| Bermudagrass <sup>2)</sup>        | 510           | 1.5     |
| Bahiagrass                        |               |         |
| Centipedegrass                    |               |         |
| Seashore Paspalum                 |               |         |
| St. Augustinegrass                |               |         |
| Tall Fescue (including turf-type) |               |         |
| Zoysia                            |               |         |
| Buffalograss                      | 340           | 1.0     |
| Kentucky Bluegrass                |               |         |
| Perennial Ryegrass                |               |         |
| Creeping Red Fescue               | 255           | 0.75    |
| Creeping Bentgrass                | 220           | 0.65    |

<sup>2)</sup> May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 176 lbs/A. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

• Do not apply more than 510 lbs of this product per calendar year.

• Use higher rates of this product to achieve higher levels of fertility and longer periods of weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates Table.

### Spreader Settings

| Spreader   | Spreader Setting* |     |     |     |
|--|-------------------|-----|-----|-----|
|  | Rates Lb/A        |     |     |     |
| Spreader   | 510               | 340 | 255 | 220 |
| Spreader and setting to be determined for a particular fertilizer blend. |                   |     |     |     |

\* The above spreader settings are approximate. Condition of your spreader, turf conditions and walking speed with spreader can affect feeding rate. Walk at normal rate. Check your spreader at the rate of application you wish to use and adjust accordingly.

### Weeds Controlled

When used in accordance with this label this product will provide control of the following weeds:

|  |                                 |
|--|---------------------------------|
| Barnyardgrass                          | Kochia                          |
| Bluegrass, Annual ( <i>Poa annua</i> ) | Lambsquarter, Common            |
| Carpetweed                             | Lovegrass                       |
| Chickweed, Common                      | Panicum (Texas, Fall, Browntop) |
| Chickweed, Mouseear (from seed)        | Pigweed                         |
| Crabgrass (large, smooth)              | Purslane, Common                |
| Crowfootgrass                          | Pusley, Florida                 |
| Cupgrass, Woolly                       | Rescuegrass <sup>2)</sup>       |
| Foxtails, Annual                       | Shepherd's Purse <sup>2)</sup>  |
| Goosegrass <sup>2)</sup>               | Signalgrass, Broadleaf          |
| Henbit                                 | Speedwell, Persian              |
| Itchgrass                              | Sprangletop                     |
| Johnsongrass (from seed)               | Spurge, Prostrate               |
| Junglerice                             | Witchgrass                      |
| Knotweed                               | Woodsorrel, Yellow (from seed)  |

1 In many areas a single application of 220 to 510 lbs/A of this product will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 220 to 340 lbs/A followed after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rate Table. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rate Table** above.

2 Applications for this weed should be made in late summer, fall or winter prior to germination.

3 Suppression only.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. All applications must be made prior to germination of the weed seeds.

### WHEN TO APPLY AFTER OVERSEEDING TURF

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

### WHEN TO OVERSEED AFTER APPLICATION

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

| Product | ai   | North | Transition | South |
|---------|------|-------|------------|-------|
| 170     | .50  | 4     | 4          | 4     |
| 220     | .65  | 5     | 4          | 4     |
| 255     | .75  | 6     | 5          | 5     |
| 270     | .80  | —     | 6          | 6     |
| 340     | 1.00 | —     | 7          | 7     |
| 385     | 1.14 | —     | —          | 9     |
| 440     | 1.30 | —     | —          | 10    |
| 510     | 1.50 | —     | —          | 12    |

### LANDSCAPE ORNAMENTALS

(including Established Perennials and Wildflower Plantings)

This product may be applied for residual preemergence weed control in ornamentals.

**CRABGRASS PREVENTER WITH  
BARRICADE® .295% PLUS  
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**Use Rates**

Apply this product at 220 to 510 lbs/A in fall and/or spring. Use higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 510 lbs/A/yr.

**Application Timing and Information**

This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate postemergence herbicide.

**Established Landscape Ornamentals**

This product may be applied to established ornamentals as a broadcast, over the top or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate this product in the soil.

**Newly Transplanted Landscape Ornamentals**

This product may be applied to newly transplanted ornamentals as a broadcast, over the top or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply this product after cuttings form roots and become established. Apply before budding/grafting or after buds/grafts have taken to avoid any inhibition of the tissue union.

**Tolerant Ornamental Species**

This product will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface, avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species. When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to this product.

**Scientific Name**

*Abies* spp.

*Abelia grandiflora*  
*Acer palmatum*  
*A. platanoides*  
*Achillea*, sp.  
*Actinidia chinensis*  
*Agapanthus africanus*  
*Agapanthus orientalis*  
*Akebia quinata*  
*Allium cernuum*  
*Anemone hybrida*  
*Aquilegia* sp.  
*Arctostaphylos densiflora*  
*Arctotheca calendula*  
*Artemisia* sp.  
*Aster* sp.  
*Aster X Frikartii*  
*Athium Filiz-femina*  
*Aucuba japonica*  
*Begonia* sp.  
*Berberis gladwynensis*  
*B. julanae*  
*B. mentorensis*  
*B. thunbergii*  
*B. verruculosa*  
*Bergenia cordifolia*  
*Boltonia asteroides*  
*Bougainvillea* spp.  
*Buddleia davidii*

*Buxus microphylla*  
*Callistemon viminalis*  
*Calluna vulgaris*  
*Campanula carpatica*  
*Campis X Tagliabuana*

*Carpobrotus edulis*  
*Cassia artemisoides*  
*Ceanothus rigidus*  
*Ceratostigma plumbagonoides*  
*Chamaecyparis pisifera*  
*Chrysanthemum nipponicum*  
*Cleyera japonica*  
*Citrus* spp.

**Common Name**

Fir species\*\*  
(Balsam, Fraser, Noble, etc.)  
Abelia: Sherwood  
Japanese Maple  
Norway Maple  
Yarrow: King Edward  
Kiwi\*  
Lily-of-the-Nile (African Lily)  
Five-Leaf or Chocolate Vine  
Lady's Læk, Nodding Onion  
Japanese Anemone  
Aquilegia: Red and Gold  
Vine Hill Manzanita  
Cape Weed  
Wormwood; Silver Mound, Castle  
Aster: Bonny Blue, Purple Dome  
Lady Fern; Fern Lady  
Japanese Aucuba  
Fibrous Begonia: Hardy Grandis  
Barberry  
Wintergreen Barberry  
Mentor Barberry  
Japanese Barberry  
Warty Barberry  
Snowbank  
Bougainvillea  
Butterfly-Bush (Dwarf Blue);  
Royal Red  
Japanese Boxwood  
Weeping Bottlebrush  
Scotch Heather  
Tussock Bellflower, (White Clips)  
Trumpet Creeper, Trumpet  
Flower, Madame Galen  
Hottentot Fig (Ice Plant)  
Feathery Cassia  
Wild Lilac  
False Cypress  
Cleyera  
Citrus species\*

**Scientific Name**

*Coreopsis* sp.  
*Cornus florida*  
*C. stolonifera*  
*Cortaderia selloana*  
*Cotoneaster apiculatus*  
*C. buxifolius*  
*C. dammeri*  
*C. microphyllus*  
*Cretaeagus* spp.  
*Crococsmia* sp.  
*Cupressus sempervirens*  
*Delosperma alba*  
*Delosperma* sp.  
*Delphinium* sp.  
*Dianthus deltooides*  
*D. granatopolitanus*  
*Dodonea viscosa*  
*Echinacea pupurea*  
*Elaeagnus pungens*  
*Euonymus fortunei*  
*E. japonica*  
*E. kiautschovica*  
*Fatsia japonica*  
*Forsythia intermedia*  
*Forsythia suspensa*  
*F. virdissima*  
*Gaillardia* sp.  
*Gardenia jasminoides*  
*Gaura* sp.  
*Gentiana dahurica*  
*Geranium cinereum*  
*Gladiolus* spp.  
*Gypsophila repens*  
*Hedera helix*  
*Hellanthemum* sp.  
*Hemerocallis* sp.  
*Hibiscus*  
*Hibiscus* sp.  
*Hibiscus rosa-sinensis*  
*Hosta plantaginea*  
*H. Sieboldiana*  
*Houttuynia cordata* var. *variegata*  
*Hydrangea macrophylla*  
*Ilex cornuta*  
*I. crenata*  
*I. opaca*  
*I. pernyi*  
*I. vomitoria*  
*Inula ensifolia*  
*Iris*  
*Iris ensata*  
*Iris siberica*  
*Iris* spp.  
*Jasminium nudiflorum*  
*Juniperus chinensis*  
*J. conferta*  
*J. davurica*  
*J. horizontalis*  
*Juglans* sp.  
*Justicia brandegeana*  
*Lagerstromia indica*  
*Lagerstomia indica X Fauriei*  
*Lantana montevidensis*  
*Lavender* sp.  
*Leontopodium alpinum*  
*Ligustrum sinense*  
*Ligustrum amurense*  
*L. japonicum*  
*L. lucidum*  
*Lillium* sp.  
*Liriope muscari*  
*Liriope Muscari* var. *variegata*  
*Liriope spicata*  
*Lobelia cardinalis*  
*Lonicera japonica*  
*L. latarica*  
*Loropetalum chinense*  
*Lythrum* sp.  
*Magnolia* spp.  
*Maleophora luteola*  
*Malus* sp.  
*Miscanthus sinensis*  
*Nandina domestica*

**Common Name**

*Coreopsis* (Calliopsis), Early  
Sunrise, Moonbeam,  
Flowering Dogwood  
American Dogwood  
Pampas Grass  
Cranberry Cotoneaster  
Cotoneaster  
Bearberry Cotoneaster  
Rockspray Cotoneaster  
Hawthorne  
Lucifer  
Italian Cypress  
White Trailing Ice Plant  
Cooper Pink  
Larkspur: Blue Elf  
Dianthus, Maiden Pinks "Zing"  
Cheddar Pink  
Hop Bush  
Coneflower, Purple; Magnu  
Silverberry  
Wintercreeper  
Japanese Spindle Tree  
(Evergreen Euonymus)  
Spreading Euonymus  
Japanese Aralia  
Border Forsythia  
Weeping Forsythia  
Greenstem Forsythia  
Gaillardia, Blanket Flower, "Goblin"  
Gardenia, Cape-Jasmine  
Gentian  
Cranesbill  
Gladiolus species\*\*  
Baby's Breath  
English Ivy  
Sunrose  
Daylily: Aztec Gold, Stella De  
Oro, Tender Love  
Rose of Sharon\*\*  
Mallow: Disco Belle White  
Chinese Hibiscus  
Hosta, Plantain Lily (Fragrant)  
Hosta, "Searsucker"  
Bigleaf Hydrangea  
Chinese Holly  
Japanese Holly; Helli  
American Holly  
Holly  
Yaupon Holly; Schillings  
Sword-Leaved Iris; Jodiesong  
Siberian Iris; Cabernet  
Iris species\*\*  
Winter Jasmine  
Chinese Juniper, Nick's  
Compact, Parsonii  
Shore Juniper; Blue Pacific  
Parsoni  
Creeping Juniper  
Walnut\*  
Shrimp Plant  
Crape Myrtle  
Crape Myrtle; Tuscarora  
Weeping Lantana  
Lavender; Munstead  
Edelweiss  
Chinese Privet; Variegata  
Amur Privet  
Japanese Privet  
Glossy Privet (Waxleaf)  
Lily: Jazz  
Big Blue Lily; Turf, Silver Mound;  
Evergreen Giant  
Liriope, Variegated  
Liriope, Creeping  
Cardinal Flower, Indian Pink  
Japanese Honeysuckle  
Tatarian Honeysuckle  
Burgundy  
Loosestrife; Modern pink  
Magnolia species\*\*  
Ice Plant  
Crabapple\*  
Yaka J. L., S'berfeder  
Heavenly Bamoo

\*Do not use on food producing trees, vines, or plants.  
\*\*Not for use on container grown plants.

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**CRABGRASS PREVENTER WITH  
BARRICADE® .295% PLUS  
EPA REG. NO. 34704-778**

**Scientific Name**

*Narcissus* spp.  
*Nerium oleander*  
*Olea europaea*  
*Ophiopogon japonicus*  
*Osmanthus heterophyllus*  
*Osteospermum fruticosum*  
*Oxydendrum arboreum*  
*Paeonia suffruticosa*  
*Pennisetum setaceum*  
*Perovskia atriplicifolia*  
*Persea americana*  
*Photinia Fraseri*  
*Physotegia Virginiana*  
*Picea* spp.

*Pieris japonica*  
*Pinus brutia*  
*P. cananensis*  
*P. elliotii*  
*P. halepensis*  
*P. nigra*  
*P. palustris*  
*P. radiata*  
*P. thunbergiana*  
*P. strobus*  
*P. sylvestris*  
*P. taeda*  
*P. virginiana*  
*Pistachio* sp.  
*Pittosporum rhombifolium*  
*P. tobira*  
*Podocarpus macrophyllus*  
*Prunus laurocerasus*  
*Prunus* sp.

*Pseudotsuga menziesii*  
*Pyracantha coccinea*  
*P. fortuneana*  
*P. koidzumii*  
*Pyrus* sp.  
*Quercus shumardii*  
*Quercus* spp.  
*Raphiolepis indica*  
*Raphiolepis umbellata*  
*Rhododendron*  
(including Azalea)

*Rosa banksiae*  
*Rosmarinus officinalis*  
*Rudbeckia* sp.  
*Santolina virens*  
*Saxifraga* sp.  
*Scabiosa* sp.  
*Sedum album*  
*Sedum cauticola*  
*Sedum dasyphyllum*  
*Sedum spurium*  
*Spiraea bumalda*  
*Syzygium paniculatum*  
*Taxus cuspidata*  
*T. media*  
*Teucrium* sp.  
*Thalictrum dipterocarpum*  
*Thuja occidentalis*  
*Trachelospermum asiaticum*  
*Tsuga canadensis*  
*Tulipa* spp.  
*Veronica* sp.

*Viburnum japonicum*  
*V. odoratissimum*  
*V. plicatum*  
*V. rigidum*  
*V. suspensum*  
*V. tinus*  
*V. trilobium*  
*V. wrightii*

**Common Name**

Narcissus species\*\*  
Oleander  
Olive\*  
Mondo Grass  
Osmanthus (False Holly): Gulf Tide  
Trailing African Daisy  
Sourwood  
Tree Peony  
Fountain Grass (Dwarf)

Avocado\*  
Fraser's Photinia (Redtip)  
Dragonhead, False; Vivid  
Spruce species\*\* (Colorado Blue,  
Norway, etc.)  
Lily-of-the-Valley Bush  
Calabrian Pine  
Canary Island Pine  
Slash Pine  
Aleppo Pine  
Austrian Pine  
Longleaf Pine  
Monterey Pine  
Japanese Black Pine  
Eastern White Pine  
Scotch Pine  
Loblolly Pine  
Virginia Pine  
Pistachio\*  
Queensland Pittosporum  
Japanese Pittosporum  
Japanese Yew  
English Laurel  
Almond, Apricot, Nectarine,  
Peach, Plum and Prune\*

Douglas Fir\*\*  
Firethorn (Scarlet)  
Firethorn  
Firethorn  
Bradford Pear sp.  
Oak, Shumard's Red  
Oak species  
Indian Hawthorne  
Yedda Hawthorn  
'Coral Bells'  
'Delaware Valley White'  
'Flame Creeper'  
'Formosa'  
'Girard Crimson'  
'George L. Tabor'  
'Hino-crimson'  
'PJM'  
'Roseum Elegans'  
'Wakelebisu'  
'White Gumbo'  
Lady Bank's Rose  
Rosemary  
Black-Eyed Susan; Goldstrum  
Santolina  
Saxifrage; Purple Dome  
Pincushion Flower  
Stonecrop  
Stonecrop; Lidakense  
Stonecrop  
Stonecrop; Dragon's Blood  
Spirea; Anthony Waterer

Japanese Yew  
Yew  
Germander  
Meadow Rue  
American Arborvitae  
Star Jasmine  
Canada Hemlock  
Tulip species  
Veronica, Speedwell; Sunny  
Border  
Japanese Viburnum  
Sweet Viburnum  
Japanese Snowball  
Canary Island Viburnum  
Arrowwood Viburnum  
Laurustinus  
Cranberry Bush  
Leatherleaf Viburnum

**Scientific Name**

*Vinca major*  
*Vinca minor*  
*Vitis* sp.  
*Weigela florida*  
*Yucca aloifolia*  
*Y. filamentosa*

**Common Name**

Vinca  
Periwinkle  
Grape\*  
Old Fashioned Weigela  
Spanish Bayonet  
Adam's Needle

\*Do not use on food producing trees, vines, or plants.  
\*\*Not for use on container grown plants.

**NOTICE**

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