

59144-30

3/22/2011

1 of 15



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kim Davis
Gro Tec, Inc.
c/o RegWest Company, LLC
8203 West 20th St., Suite A
Greeley, CO 80634-4696

MAR 22 2011

Dear Ms. Davis:

Subject: Label Amendment
Weed + Grass Preventer (Contains 0.38% Barricade)
EPA Registration Number 59144-30
Application Dated August 11, 2011

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended is acceptable. One copy of the label stamped "Accepted" is enclosed for your records. If you have any questions, please contact Tracy White by phone at (703) 308-0042 or via email at white.tracy@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn V. Montague
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

2015

Weed + Grass Preventer

(Contains 0.38% Barricade®)

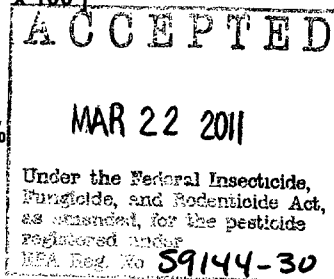
Cut Here to Open

For Selective Preemergent Control of Grass and Broadleaf Weeds in:
Established Turf Grasses (excluding Golf Course Putting Greens) and Lawns
Landscape Ornamentals (Including Established Perennials and Wildflower Plantings)



20 Pounds Treats up to 5,128 Sq. Ft. an area approximately 51' x 100'
[40 Pounds Treats up to 10,256 Sq. Ft. an area approximately 102.5' x 100'
50 Pounds Treats up to 12,820 Sq. Ft. an area approximately 128' x 100']

Contains 0.38% Barricade® Preemergent Herbicide
Feeds up to 4 Months
Crabgrass Preventer Plus Fertilizer with Barricade® 0.38%
Controls Crabgrass
Season-Long Crabgrass Control



Quality Fertilizers from The Lawn Seed Experts
Crabgrass Preventer + Lawn Fertilizer 5-10-25 28-3-4 20-3-4
Controls Grass and Broadleaf Weeds Before they Germinate
Contains an Effective Pre-emergent Herbicide for Control of Crabgrass
and Many Other Nuisance Grasses and Broadleaf Weeds
Also Controls Barnyardgrass, Annual Bluegrass (*Poa annua*), Crabgrass,
Chickweed, Foxtails, Goosegrass, Henbit, Pigweed and Spurge
Feeds Your Desirable Grass up to 4 Months with a Complete Fertilizer
Featuring Pennington's Coated Slow-Release Nitrogen for a longer lasting green lawn

Pike Family Nurseries Signature Collection
Individually Selected by the Pike Family
Over forty-five years of knowing what is best for Southern lawns

Active Ingredient:

Proflaminate (CAS No. 29092-21-2)	0.38%
Other Ingredients	99.62%
Total	100.00%

Keep Out of Reach of Children
CAUTION

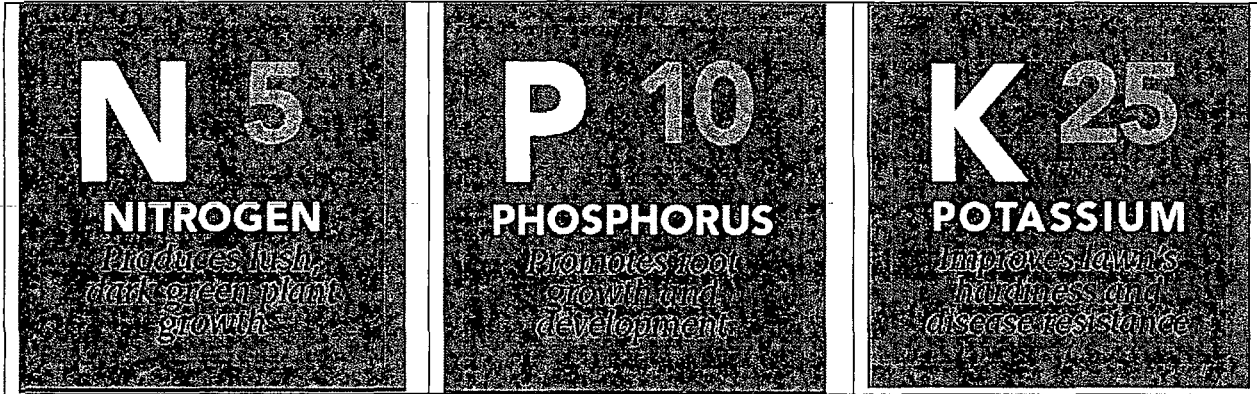
See back panel for First Aid and additional Precautionary Statements.

EPA Reg. No. 59144-30 EPA Est. _____

Net Wt: _____ lbs. (____ kg)
{20 through 50 lbs.}

Barricade® is a Registered Trademark of Syngenta Crop Protection

30915



Guaranteed [Fertilizer] Analysis 5-10-25
(Code)

Total Nitrogen (N)	5.00%
3.90% Ammoniacal Nitrogen	
1.10% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	10.00%
Potassium (K ₂ O)	25.00%
Derived from: Urea, Ammonium Phosphate, Muriate of Potash.	

{Alternate Fertilizer Guarantees}

Guaranteed [Fertilizer] Analysis 28-3-4 F525

Total Nitrogen (N)	28.00%
1.17% Ammoniacal Nitrogen	
26.83% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	3.00%
Soluble Potash (K ₂ O)	4.00%
Total Iron (Fe)	1.00%
0.25% Water Soluble Iron (Fe)	
Derived from: Sulfur Coated Urea, Ammonium Phosphate, Muriate of Potash, Iron Sulfate, Iron Oxide	
*Part of the nitrogen in this product has been sulfur coated to provide 7.00% coated slow-release nitrogen.	

Guaranteed [Fertilizer] Analysis 20-3-4

Total Nitrogen (N)	20.00%
1.00% Ammoniacal Nitrogen	
19.00% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	3.00%
Potassium (K ₂ O)	4.00%
Derived from: Urea, Ammonium Phosphate, Muriate of Potash.	

40815

First Aid

If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-424-9300 for emergency medical treatment information.]</p>	

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

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

Environmental Hazards

This product has low solubility in water. At the limit of solubility this product is not toxic to fish. However, at concentrations above the level of water solubility it may be toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rains is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

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 preemergent 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 and wildflower plantings.

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

Not for use on plants being grown for sale or other commercial use, commercial seed production or 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 (excluding putting greens) 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. Failure to follow the directions for use and precautions on this label may result in poor weed control, crop injury or illegal residues.

50915

Application Directions

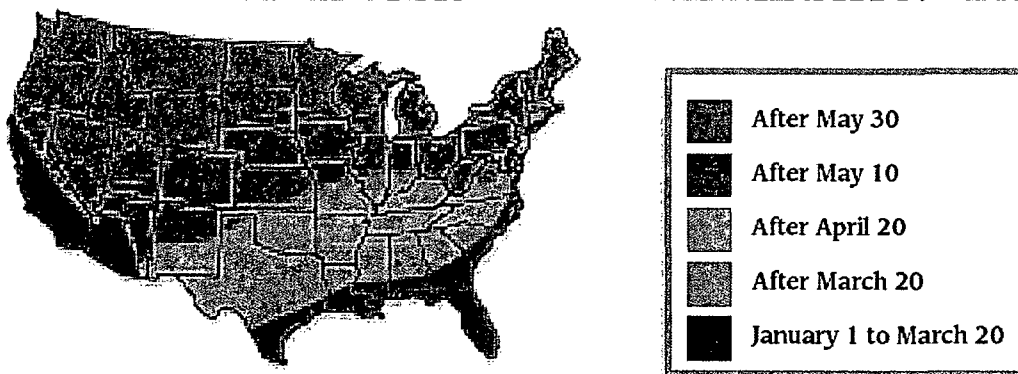
Uniformly apply using suitable, calibrated application equipment.

Established Turf

This product is a selective preemergent herbicide that, when properly applied, controls certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of 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 is obtained when this product is activated by at least 1/2 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See map for approximate crabgrass seed germination dates.

CRABGRASS SEED GERMINATION DATES



Use Precautions

The following precautions apply to the use of this product in turf grasses and lawns. (1) Application of this product may thin emerged annual bluegrass and newly overseeded grasses. (2) 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. (3) Do not cut treated sod within 120 days after application. Do not apply to newly set sod until the following year. (4) Application to turf stressed by drought, low fertility or pest damage may result in turf injury. (5) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (6) 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

Apply this product 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. Base the maximum use rate selection 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:

60015

Maximum Application Rate of This Product per Calendar Year By Turf Grass Species ¹			
Turf Species	Lbs. Product/A	Lbs. Product/100 Sq. Ft.	Lbs. AI/A
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	395	0.91	1.5
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	263	0.60	1.0
Creeping Red Fescue	197	0.45	0.75
Creeping Bentgrass	171	0.39	0.65

/A = per Acre A.I. = Active Ingredient

¹These are the maximum rates per calendar year by species limitations.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 137 lbs./A (0.32 lbs./100 sq. ft.). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Only suppresses Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

- Do not apply more than 395 lbs./A (0.91 lbs./100 sq. ft.) 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.

Weeds Controlled

When used in accordance with this label this product controls the following weeds:

Barnyardgrass	Henbit	Purslane, Common
Bluegrass, Annual (<i>Poa annua</i>)	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass ²
Chickweed, Common	Junglerice	Shepherd's Purse ³
Chickweed, Mouseear (from seed)	Knotweed	Signalgrass, Broadleaf
Crabgrass (Large, Smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarter, Common	Sprangletop
Cupgrass, Woolly	Lovegrass	Spurge, Prostate
Foxtails, Annual	Panicum (Texas, Fall, Browntop)	Witchgrass
Goosegrass ¹	Pigweed	Woodsorrel, Yellow (from seed)

¹In many areas a single application of 171 to 395 lbs./A (0.39 to 0.91 lbs./100 sq. ft.) 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 171 to 263 lbs./A (0.39 to 0.61 lbs./100 sq. ft.) followed 60 to 90 days later by a second application that does not exceed the maximum annual rate. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rates** table.

² Suppression only.

³Apply in later summer, fall or winter prior to germination.

Sequential applications may be made provided the total amount of product applied does not exceed the recommended maximum annual application rate 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.

7/2/15

When to Overseed After Application

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

Rate of This Product			Months Before Overseeding		
Lbs. / A	Lbs. / 100 Sq. Ft.	Al / Acre	North	Transition	South
132	0.30	0.50	4	4	4
171	0.39	0.65	5	4	4
195	0.45	0.75	6	5	5
210	0.48	0.80		6	6
263	0.61	1.00		7	7
300	0.69	1.14			9
342	0.79	1.30			10
395	0.91	1.50			12

Landscape Ornamentals (including Established Perennials and Wildflower Plantings)

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

Use Rates

Apply this product at 171 to 395 lbs./A (0.39 to 0.91 lbs./100 sq. ft.) in fall and/or spring. Use higher application rates for longer control periods. Sequential or single applications may be made provided the total amount of product applied does not exceed the maximum annual application rate of 395 lbs./A.

Application Timing and Information

This product is a preemergent herbicide and will not control emerged weeds. Most effective weed control in ornamentals is obtained when this product is activated by at least 1/2 [0.5] inch 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 postemergent 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 into 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 thoroughly water before applying this product. Apply this product after cuttings form roots and become established. Apply before buds/grafts have taken to avoid any inhibition of the tissue union.

Tolerant Ornamental Species

This product will not harm most ornamental trees, shrubs, vines and flowers. The species listed in Table 1 are tolerant to this product. This product is also approved for application, except in California, to the species in Table 2. Best results are obtained when this product is uniformly applied to the soil surface; avoid applying to ornamental shoots as this may prevent 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.

80415

Table 1 – Tolerant Ornamental Species (All States)

Scientific Name	Common Name
<i>Abies</i> spp.	Fir species** (Balsam, Fraser, Noble, etc.)
<i>Acer palmatum</i>	Japanese Maple
<i>Acer platanoides</i>	Norway Maple
<i>Actinidia chinensis</i>	Kiwi*
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita
<i>Arctotheca calendula</i>	Cape Weed
<i>Aucuba japonica</i>	Japanese Aucuba
<i>Barberis gladwynensis</i>	Barberry
<i>Barberis julianae</i>	Wintergreen Barberry
<i>Barberis mentorensis</i>	Mentor Barberry
<i>Barberis thunbergii</i>	Japanese Barberry
<i>Barberis verruculosa</i>	Warty Barberry
<i>Buxus microphylla</i>	Japanese Boxwood
<i>Callistemon viminalis</i>	Weeping Bottlebrush
<i>Calluna vulgaris</i>	Scotch Heather
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)
<i>Cassia artemisoides</i>	Feathery Cassia
<i>Ceanothus rigidus</i>	Wild Lilac
<i>Chamaecyparis pisifera</i>	False Cypress
<i>Cleyera japonica</i>	Cleyera
<i>Citrus</i> spp.	Citrus species*
<i>Cornus florida</i>	Flowering Dogwood
<i>Cornus stolonifera</i>	American Dogwood
<i>Cortaderia sellonana</i>	Pampas Grass
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster
<i>Cotoneaster buxifolius</i>	Cotoneaster
<i>Cotoneaster dammeri</i>	Bearberry Cotoneaster
<i>Cotoneaster microphyllus</i>	Rockspray Cotoneaster
<i>Cretaeagus</i> spp.	Hawthorne
<i>Cupressus sempervirens</i>	Italian Cypress
<i>Delasperma alba</i>	White Trailing Ice Plant
<i>Dodonea viscosa</i>	Hop Bush
<i>Elaeagnus pungens</i>	Silverberry
<i>Euonymus fortunei</i>	Wintercreeper
<i>Euonymus japonica</i>	Japanese Spindle Tree (Evergreen Euonymus)

90 of 15

Scientific Name	Common Name
<i>Euonymus kiautschovicks</i>	Spreading Euonymus
<i>Fatsia japonica</i>	Japanese Aralia
<i>Forsythia intermedia</i>	Border Forsythia
<i>Forsythia viridissima</i>	Greenstem Forsythia
<i>Gardenia jasminoides</i>	Gardenia, Cape-Jasmine
<i>Gladiolus</i> spp.	Gladiolus species**
<i>Hedera helix</i>	English Ivy
<i>Hibiscus</i>	Rose of Sharon**
<i>Hibiscus Rosa-sinensis</i>	Chinese Hibiscus
<i>Ilex cornuta</i>	Chinese Holly
<i>Ilex crenata</i>	Japanese Holly
<i>Ilex opaca</i>	American Holly
<i>Ilex pernyi</i>	Holly
<i>Ilex vomitoria</i>	Yaupon Holly
<i>Iris</i> spp.	Iris species**
<i>Jasminium nudiflorum</i>	Winter Jasmine
<i>Juniperus chinensis</i>	Chinese Juniper
<i>Juniperus conferta</i>	Shore Juniper
<i>Juniperus horizontalis</i>	Creeping Juniper
<i>Juglans</i> spp.	Walnut*
<i>Justicia brandegeana</i>	Shrimp Plant
<i>Lagerstromia indica</i>	Crepe Myrtle
<i>Ligustrum amurense</i>	Amur Privet
<i>Ligustrum japonicum</i>	Japanese Privet
<i>Ligustrum lucidum</i>	Glossy Privet (Wax-leaf)
<i>Liriodendron muscari</i>	Big Blue Lilyturf
<i>Lonicera japonica</i>	Japanese Honeysuckle
<i>Lonicera tatarica</i>	Tatarian Honeysuckle
<i>Magnolia</i> spp.	Magnolia species**
<i>Malephora luteola</i>	Ice Plant
<i>Malus</i> spp.	Crabapple*
<i>Nandina domestica</i>	Heavenly Bamboo
<i>Narcissus</i> spp.	Narcissus species**
<i>Nerium</i> spp.	Oleander
<i>Olea europaea</i>	Olive*
<i>Ophiopogon japonicus</i>	Mondo Grass
<i>Osteospermum fruticosum</i>	Trailing African Daisy

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Scientific Name	Common Name
<i>Oxydendrum arboreum</i>	Sourwood
<i>Persea americana</i>	Avocado*
<i>Photinia fraseri</i>	Fraser's Photinia (Redtip)
<i>Picea</i> spp.	Spruce species** (Colorado Blue, Norway, etc.)
<i>Pieris japonica</i>	Lily-of-the-Valley Shrub
<i>Pinus brutia</i>	Calabrian Pine
<i>Pinus canariensis</i>	Canary Island Pine
<i>Pinus elliottii</i>	Slash Pine
<i>Pinus halepensis</i>	Aleppo Pine
<i>Pinus nigra</i>	Austrian Black Pine
<i>Pinus palustris</i>	Longleaf Pine
<i>Pinus radiata</i>	Monterey Pine
<i>Pinus strobus</i>	Eastern White Pine
<i>Pinus sylvestris</i>	Scotch Pine
<i>Pinus taeda</i>	Loblolly Pine
<i>Pinus thunbergiana</i>	Japanese Black Pine
<i>Pinus virginiana</i>	Virginia Pine
<i>Pistachio</i> spp.	Pistachio*
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum
<i>Pittosporum tobira</i>	Japanese Pittosporum
<i>Podocarpus macrophyllus</i>	Japanese Yew
<i>Prunus laurocerasus</i>	English Laurel
<i>Prunus</i> spp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*
<i>Pseudotsuga menziesii</i>	Douglas Fir**
<i>Pyracantha coccinea</i>	Firethorn Scarlet
<i>Pyracantha fortuneana</i>	Firethorn
<i>Pyracantha koidzumii</i>	Firethorn
<i>Pyrus</i> spp.	Bradford Pear spp.
<i>Quercus rubra</i>	Oak species
<i>Raphiolepis indica</i>	Indian Hawthorne
<i>Rhododendron</i> (including Azalea)	"Coral Bells," "Formosa," "Hino-crimson," "PJM," "Roseum Elegans"
<i>Rosa banksiae</i>	Lady Bank's Rose
<i>Rosmarinus officinalis</i>	Rosemary*
<i>Rumohra adiantiformis</i>	Leatherleaf Fern
<i>Santolina virens</i>	
<i>Sedum album</i>	Stonecrop
<i>Syzygium paniculatum</i>	Japanese Boxcherry

11/09/15

Scientific Name	Common Name
<i>Taxus cuspidata</i>	Japanese Yew
<i>Taxus media</i>	Yew
<i>Thuja occidentalis</i>	American Arborvitae
<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Tsuga canadensis</i>	Canada Hemlock
<i>Tulipa</i> spp.	Tulip species
<i>Viburnum japonicum</i>	Japanese Viburnum
<i>Viburnum odoratissimum</i>	Sweet Viburnum
<i>Viburnum plicatum</i>	Japanese Snowball
<i>Viburnum rigidum</i>	Canary island Viburnum
<i>Viburnum tinus</i>	Laurustinus
<i>Viburnum trilobum</i>	Cranberry Bush
<i>Viburnum wrightii</i>	Leatherleaf Viburnum
<i>Vinca major</i>	Vinca
<i>Vinca minor</i>	Dwarf Periwinkle
<i>Vitis</i> spp.	Grape*
<i>Weigela florida</i>	Old Fashioned Weigela
<i>Yucca aloifolia</i>	Spanish Bayonet
<i>Yucca filamentosa</i>	Yucca, Adam's Needle

*Do not use on food producing trees, vines or plants.

**Not for use on container grown plants.

Table 2 – Tolerant Ornamental Species/Varieties (All States Except California)

Scientific Name	Common Name
<i>Abelia grandiflora</i>	Abelia: Sherwood
<i>Achillea</i> spp.	Yarrow: King Edward
<i>Agapanthus orientalis</i>	
<i>Akebia quinata</i>	Five-Leaf or Chocolate Vine
<i>Allium cernuum</i>	Lady's Leek, Nodding Onion
<i>Anemone hybrida</i>	Japanese Anemone
<i>Aquilegia</i> spp.	Aquilegia: Red and Gold
<i>Artemisia</i> spp.	Wormwood: Silver Mound, Castle
<i>Aster</i> spp.	Aster: Bonny Blue, Purple Dome
<i>Aster X frikartii</i>	
<i>Athyrium filix-femina</i>	Lady Fern; Fern Lady
<i>Begonia</i> spp.	Fibrous Begonia: Hardy Grandis
<i>Bergenia cordifolia</i>	
<i>Boltonia asteroides</i>	Snowbank

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Scientific Name	Common Name
Bougainvillea spp.	Bougainvillea
Buddleia davidii	Butterfly-Brush (Dwarf Blue); Royal Red
Callistemon citrinus	Crimson Bottlebrush
Campanula carpatica	Tussock Bellflower (White Clips)
Campis X tagliabuana	Trumpet Creeper, Trumpet Flower; Madame Galen
Ceratostigma plumbaginoides	
Crhysanthemum nipponicum	
Coreopsis spp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
Crocosmia spp.	Lucifer
Delosperma spp.	Cooperi Pink
Delphinium spp.	Larkspur; Blue Elf
Dianthus deltoides	Dianthus, maiden Pinks "Zing"
Dianthus gratianopolitanus	Cheddar Pink
Echinacea pupurea	Coneflower, Purple; Magnus
Forsythia suspensa	Weeping Forsythia
Gaillardia spp.	Gaillardia, Blanket Flower: "Goblin"
Gentiana dahurica	Gentian
Geranium cinereum	Cranesbill
Gypsophila repens	Baby's Breath
Helianthemum spp.	Sunrose
Hemerocallis spp.	Daylily: Aztec Gold, Stella De Oro, Tender Love
Heucherella spp.	Coral Bell; Bridget Bloom
Hibiscus spp.	Mallow; Disco Belle White
Hosta plantaginea	Hosta, Plantain Lily (Fragrant)
Hosta sieboldiana	Hosta, "Searsucker"
Houttuynia cordata var. variegata	
Hydrangea macrophylla	Bigleaf Hydrangea
Inula ensifolia	
Iris ensata	Sword-Leaved Iris; Jodlesong
Iris siberica	Siberian Iris; Cabernet
Juniperus davurica	Parsoni
Lagerstromia indica x fauriel	Crape Myrtle; Tuscarora
Lantana montevidensis	Weeping Lantana
Lavender spp.	Lavender; Munstead
Leontopodium alpinum	Edelweiss
Ligstrum sinense	Chinese Privet; Variegata
Lilium spp.	Lily: Jazz

13 of 15

Scientific Name	Common Name
<i>Liriope muscari</i> var. <i>variegata</i>	Liriope, Variegated
<i>Liriope spicata</i>	Liriope, Creeping
<i>Lobelia cardinalis</i>	Cardinal Flower, Indian Pink
<i>Loropetalum chinense</i>	Burgundy
<i>Lythrum</i> spp.	Loosestrife; Modern Pink
<i>Miscanthus sinensis</i>	Yaku Jima, Silberfeder
<i>Oenothera missouriensis</i>	Evening Primrose
<i>Osmanthus heterophyllus</i>	Osmanthus (False Holly); Gulf Tide
<i>Paeonia suffruticosa</i>	Tree Peony
<i>Pennisetum setaceum</i>	Fountain Grass (Dwarf)
<i>Perovskia atriplicifolia</i>	
<i>Physostegia virginiana</i>	Dragonhead, False; Vivid
<i>Quercus shumardii</i>	Oak, Shumard's Red
<i>Rhaphiolepis umbellata</i>	Yedda Hawthorne
<i>Rhododendron</i> (including azalea)	"Delaware Valley White," "Flame Creeper," "Girard Crimson," "George L. Tabor," Wakeiebisu, White Gumpo
<i>Rudbeckia</i> spp.	Black-Eyes Susan; Goldstrum
<i>Saxifraga</i> spp.	Saxifrage; Purple Dome
<i>Scabiosa</i> spp.	Pincushion Flower
<i>Sedum caudicola</i>	Stonecrop; Lidakense
<i>Sedum dasyphyllum</i>	Stonecrop
<i>Sedum spurium</i>	Stonecrop; Dragon's Blood
<i>Spiraea bumalda</i>	Spirea: Anthony Waterer
<i>Syzygium paniculatum</i>	Australian Brushcherry
<i>Teucrium</i> spp.	Germander
<i>Thalictrum dipterocarpum</i>	Meadow Rue
<i>Veronica</i> spp.	Veronica, Speedwell; Sunny Border
<i>Viburnum suspensum</i>	Arrowwood Viburnum

*Do not use on food producing trees, vines or plants.

**Not for use on container grown plants.

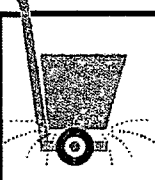
Spreader Settings

Rotary spreaders are easier to use and reduce streaking that's often caused by drop spreaders. While drop spreaders work well, they require more care to avoid gaps and streaks that appear as light green stripes about a week after fertilizer application. Always apply with a properly calibrated rotary or drop type fertilizer spreader. Never apply by hand. Refer to and follow the spreader manufacturer's calibration and setting instructions.

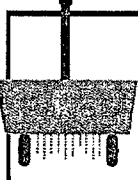
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Broadcast Spreaders		Drop Spreaders	
Pennington 2000B	13	Scotts 1000	8
Pennington 2050SU	13	Scotts 3000	7
Scotts SG3000	8	Red Devil	5
Red Devil	9		

The above spreader settings are approximate. Calibrate your spreader on 100 square feet and adjust to apply at the rate of 0.91 pound of product per 100 square feet.



BROADCAST SPREADERS
For best results, apply in a circular path starting on the outside and working toward the center overlapping slightly to insure complete coverage.



DROP SPREADERS
Apply 2 strips along each end. Then apply along length of lawn, overlapping slightly and shutting off the spreader before each turn at edge of border strips.

For household/domestic use product in bags up to 50 pounds:

[Storage and Disposal]

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original bag in a cool, dry (preferably locked) storage area inaccessible to children and pets. Store away from feed or food stuffs and separated from other fertilizers and pesticides. Keep bag closed when product is not being used. **Container/Pesticide Disposal:** Non-refillable container; do not reuse or refill this container. **If empty:** Offer for recycling, if available; otherwise, discard in trash. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

{Per PR Notice 2007-4 the batch code/lot number will appear on the label or container.}

GRO TEC, INC.
P.O. Box 290
Madison, GA 30650
1-800-285-SEED

?	1-888-648-8955
+	1-800-424-9300

Warranty & Disclaimer

This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. To the extent not prohibited by applicable law, Manufacturer is not responsible for the use of this product contrary to the label instructions, under abnormal conditions or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use. If you decide, after reading this label, that you can't use this product immediately return the unopened package to the point of purchase.

In case of emergency, call 800-424-9300

[TurfKing™ products distributed by Inter-American Products, Cincinnati, OH 45202]

{This product is marketed under the following additional brand names:
Pennington® Crabgrass Preventer + Lawn Fertilizer 5-10-25 (01/06/2000)
Pike Family Signature Collection Crabgrass Preventer + Lawn Fertilizer 5-10-25 (12/20/2004)
Expert Gardener Crabgrass Preventer Plus Lawn Fertilizer (12/20/2004)

Turf King™ Lawn Fertilizer Plus (01/23/2006)}

- [] Denotes alternate/optional verbiage
- { } Denotes verbiage not printed on market labeling