



TURF FERTILIZER
with PRODIAMINE 0.42%

FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor, for treatment advice.
IF SWALLOWED:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.	

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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. 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 rain 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 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 and wildflower plantings

This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when it is activated by at least 1/2 inch of rainfall, 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; (1) 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 aerially. Do not apply to golf course putting greens. Do not apply this product through any type of irrigation system.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

WEEDS CONTROLLED

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

Barnyardgrass	Foxtails, Annual	Kochia	Rescuegrass ³
Bluegrass, Annual (Poa annua)	Goosegrass ¹	Lambsquarter, common	Shepherd's Purse ²
Carpetweed	Henbit	Lovegrass	Signalgrass, Broadleaf
Chickweed, common	Itchgrass	Panicum (Texas, Fall, Browntop)	Speedwell, Persian
Chickweed, mouse ear (from seed)	Johnsongrass (from seed)	Pigweed	Sprangletop
Crabgrass (large, smooth)	Junglerice	Purslane, common	Spurge, Prostrate
Crowfootgrass	Knotweed	Pusley, Florida	Witchgrass
Cupgrass, Woolly			Woodsorrel, Yellow (from seed)

¹In many areas a single application of 0.65lb. to 1.5 lb. active ingredient per acre (equal to 155 lbs. to 357 lbs./ A of this product [or] equal to 3.6 to 8.2 lbs./10130 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 0.65 lb. to 1.0 lb. a.i. per acre (equal to 155 lbs. to 238 lbs./A of this product [or] equal to 3.6 to 5.5 lbs./1000 sq. ft. of this product) 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.

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

³Suppression 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.

APPLICATION DIRECTIONS

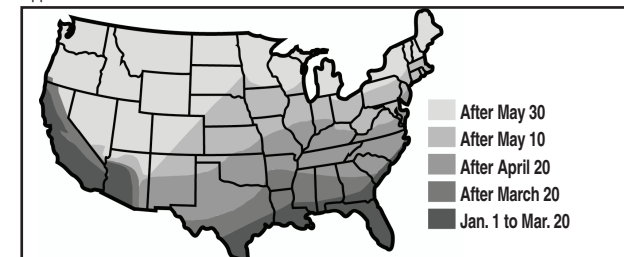
Apply uniformly with suitable, calibrated application equipment.

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. See the map below for approximate crabgrass seed germination dates.

CRABGRASS SEED GERMINATION DATES

Approximate Date



USE PRECAUTIONS AND RESTRICTIONS: 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 (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (4) Application of this product 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

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 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:

Maximum Application Rate/Calendar Year of turf fertilizer by turf grass species(1)			
Turf Species	Lbs. Product/A [or]	Lbs. Product/1000 sq. ft.	Lbs. a.i/A
Creeping Bentgrass	155	3.6	0.65
Creeping Red Fescue	179	4.1	0.75
Buffalograss	238	5.5	1.0
Kentucky Bluegrass			
Perennial Ryegrass			
Bermudagrass (2)	357	8.2	1.5
Bahiagrass			
Centipedegrass			
Seashore Paspalum			
St. Augustinegrass			
Tall Fescue (including turf-type)			
Zoysia			

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 0.5 lb. a.i./acre (equal to 119 lbs./ A of this product [or] equal to 2.7 lbs./1000 sq. ft. of this product). 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 1.5 lbs. a.i. per calendar year per acre (equal to 357 lbs./A of this product [or] equal to 8.2 lbs./1000 sq. ft. of this product).
- 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**.

Net Wt. 50 lbs. (22.7 kg)

- 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 and wildflower plantings)

ACTIVE INGREDIENT:	
Prodiamine, [N3,N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine]	0.42%
INERT INGREDIENTS:	99.58%
TOTAL:	100.00%

EPA Reg. No.53883-297-57131

EPA Est. No. 57131-WI-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 tratch plus soil. **WHEN TO OVERSEED A FTER APPLICATION**
This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the following table below for best overseeding/teseeding results.

LBs Product/Acre	LBs Product/1000 sq. ft.	Months Before Overseeding	
		North	Transition
119	2.7	4	4
155	3.6	0.65	4
179	4.1	0.75	5
190	4.4	0.80	6
238	5.5	1.00	7
271	6.2	1.14	9
310	7.1	1.30	10
357	8.2	1.50	12

SPREADER SETTINGS

Spreader settings vary by make and model of spreader. Calibrate individual spreaders are calibrated for the specific product that is to be applied. Information on spreader make and model and suggested settings will be available at time of label printing. Use a walking speed of 3 miles per hour.

LANDSCAPE ORNAMENTALS

Including Established Perennials and Wildflower Plantings

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

Use rates and When to Apply

Apply in fall and/or spring, 0.65 to 1.5 lbs. active ingredient per acre, which is equal to 3.6 to 8.2 lbs. of this product per 1,000 sq. ft. of ornamental plantings; therefore 20 lbs of this product will treat 2,439 to 5,556 sq. ft. Use the higher rates of application for longer control periods. Sequential applications may be made as long as the total amount of product applied does not exceed the maximum annual application rate of 1.5 lbs. a.i. per acre.

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 it 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 water thoroughly before applying this product. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grafs 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 it 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
Acer platanoides
Acer saccatum
Achimilia spp.
Adiantum chinensis*
Agapanthus africanus
Akebia quinata
Allium cernuum
Anemone hybrida
Aquilegia spp.
Arctostaphylos densiflora
Aristolochia candelula
Artemisia spp.
Aster spp. or *Symphoricarichium* spp.
Aster X *trikariti*
Athyrium felix-lamina
Aucuba japonica
Begonia spp.
Berberis gladiolifera
Berberis julianae
Berberis menthensis
Berberis thunbergii
Berberis verruculosa
Bergenia cordifolia
Boltonia asteroides
Bougainvillea spp.
Buddleia davidii
Buxus microphylla
Callistemon viminalis
Calluna vulgaris
Campanula carpatica
Campsis X *laetabunda*
Ceanothus edulis
Cassia artemisoides
Ceanothus rigidus
Ceratostigma plumbaginoides
Chamaecyparis pisifera
Chrysanthemum nipponicum
Cleome japonica
Citrus spp.
Coreopsis spp.
Cornus florida
Cornus stolonifera
Cortaderia seloana
Cotoneaster apiculatus
Cotoneaster buxifolius
Cotoneaster dammeri
Cotoneaster microphyllus
Crataegus spp.
Crococmia spp.
Cunruss serpenirens
Delosperma alba
Delphinium spp.
Dianthus deltoides
Dianthus gratianopolitanius
Dodonaea viscosa
Echinogaea purpurea
Elaeagnus pungens
Euonymus fortunei
Euonymus japonica
Euonymus alatus
Fatsia japonica
Forsythia intermedia
Forsythia suspense
Forsythia virensissima
Gallardia spp.
Gardenia jasminoides
Gentiana dahurica
Geranium onearum
Gladiolus spp.**
Gypsophila repens
Heidera helix
Hellelithemum spp.
Hemerocallis spp.
Hibiscus spp.**
Hibiscus spp.
Hibiscus Rosa-sinensis**
Hosta plantaginea
H. sieboldiana
Houttuynia cordata var. *variegata*
Hydrangea macrophylla
Ilex cornuta**
Ilex crenata
Ilex opaca
Ilex pernyi
Ilex verticillata
Impatiens noli-tangere
Iris ensata

Iris siberica
Iris spp.
Jasminum nudiflorum
Juniperus chinensis
Juniperus conferta
Juniperus davurica
Juniperus horizontalis
Juglans spp.*
Justicia brandegeana
Lagerstroemia indica
Lamaria montevensis
Lavender spp.
Leontopodium alpinum
Ligustrum amurense
Ligustrum japonicum
Ligustrum lucidum
Ligustrum sinense
Lilium spp.
Liriodie muscari
Liriodie muscari var. *variegata*
Liriodie spicata
Lobelia cardinalis
Lonicera japonica
Lonicera tatarica
Loropetalum chinense
Lythrum spp.
Magnolia spp.**
Ice plant
Crabapple
Yaku jima, Silberfeder
Heavenly bamboo
Narcissus**
Oleander
Olive*
Monro Grass**
Osmanthus; False holly (Gulf tide)
Trailing African Daisy
Sourwood
Avocado*

Frasier's prolinia; Redtip
False dragonhead (Vivid)
Spruce species** (Colorado blue, Norway, etc.)
Lily-of-the-valley shrub
Calabrian pine
Canary island pine
Slash pine
Aleppo pine
Austrian black pine
Longleaf pine
Monterey pine
Eastern white pine
Scotch pine
Lobloly pine
Japanese black pine
Virginia pine
Pistachio*

Queenland pittosporum
Japanese pittosporum
Japanese yew
English laurel
Douglas-fir**
Almond, Apricot, Nectarine, Peach, Plum, and Prune*

Pinus canariensis
Pinus elliotii
Pinus halepensis
Pinus nigra
Pinus palustris
Pinus radiata
Pinus strobus
Pinus sylvestris
Pinus taeda

Pinus thunbergiana
Pinus virginiana
Pistacia spp.*
Pittosporum thombifolium
Pittosporum tobira
Podocarpus macrophyllus
Prunus laurocerasus
Prunus spp.*
Pseudotsuga menziesii**
Pyracantha coccinea
Pyracantha fortuneana
Pyracantha koidzumii
Pyrus spp.

Quercus rubra
Quercus shumardii
Raphanalis indica
Rhododendron (including Azalea)

Rosa banksiae
Rosmarinus officinalis*
Rubus spp.
Rumex crispus
Saxifraga spp.
Sedum album
Sedum caucicola
Sedum dasycarpum
Syringium paniculatum
Taxus cuspidata
Taxus media
Teucrium spp.
Thalictrum dipetalocephalum
Thuja occidentalis
Trachelospernum asiaticum
Tsuga canadensis
Tulipa spp.
Viburnum japonicum
Viburnum odoratissimum
Viburnum plicatum
Viburnum rigidum
Viburnum tinus
Viburnum trilobum
Viburnum wrightii
Vincetoxicum
Vitis minor
Vitis spp.*
Weigela florida
Yucca aloifolia
Yucca filamentosa

Yucca filamentosa

Yucca filamentosa

Yucca filamentosa

Yucca filamentosa

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PRODUCT DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Control Solutions, Inc. or the Seller. All such risks shall be assumed by the Buyer. Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above.

Control Solutions, Inc. makes no other express or implied Warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Control Solutions, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this Product. Control Solutions, Inc. and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Control Solutions, Inc.

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

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Sword-leaved Iris (Jodesong)