



TURF FERTILIZER
with PRODIAMINE 0.20%

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 OR CLOTHING:	<ul style="list-style-type: none"> 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 SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or physician 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 physician. Do not give anything by mouth to an unconscious person.
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 mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.	

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.

DIRECTIONS FOR USE

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

Not for use on plants being grown for sale or other commercial use, for commercial seed production, or 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.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product is a pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established lawns and ornamental turf (excluding golf course putting greens), landscape ornamentals and established perennials and wildflower plantings. It controls susceptible weeds by inhibiting weed seeds, germination and root development. When used according to directions, it will control; baryardgrass; bluegrass; annual (Poa annua); carpetweed; chickweed; common; chickweed; mouseear (from seed); crabgrass (large, smooth); crowfootgrass; cupgrass; woolly; foxtails; annual; goosegrass¹; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass³; shepherd's purse²; signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge; prostrate; witchgrass; woodsorrel, yellow (from seed).

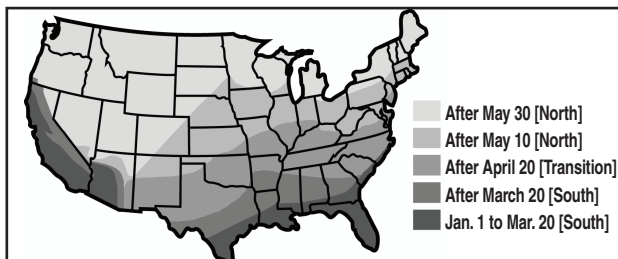
¹In many areas a single application of 7.6 to 17.2 pounds/1,000 square feet (330 to 750 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 7.6 to 17.5 pounds/1,000 square feet (330 to 500 pounds/acre), followed after 60 to 90 days by a second application at doses that would not exceed the maximum annual rate (see "Minimum and Maximum Application Rate by Turfgrass Species" table in the Rates of Application section of this label).

²For this weed, apply in late summer, fall or winter prior to germination.

³Suppression only.

WHEN TO APPLY TO ESTABLISHED TURF: This product must be applied prior to germination of weed seeds, as it will not control established weeds.

THIS MAP SHOWS APPROXIMATE CRABGRASS GERMINATION DATES



APPLICATION DIRECTIONS: Apply this product uniformly, using a suitable spreader that has been properly calibrated. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1-2 inches) incorporation, prior to weed seed germination and within 14 days application.

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 seeding secondary roots are in the second inch of soil (not thatch plus soil). Do not apply to newly set sod until the following year. Application to turf stressed by drought, low fertility, or pest damage may result in turf injury. Disturbing the herbicide barrier with cultural practices (such as core aeration) may result in reduced weed control. Do not apply to putting greens, or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species. Do not apply through any type of irrigation system. Do not apply aerially. Do not graze or feed livestock forage cut from treated areas.

RATES OF APPLICATION: This product is recommended for use on the turf grass species listed in the following table. The maximum amount of this product that may be applied per year is given for each turf grass species. Do not exceed the maximum yearly rate listed:

MINIMUM AND MAXIMUM APPLICATION RATES (by Turf Grass Species)		
Turf Species	Minimum Rate	Maximum Annual Rate ¹
Bahiagrass, Bermudagrass ² , Centipedegrass, Zoysiagrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type)	4 lbs/1,000 sq. ft. (174 lbs/acre)	17.2 lbs/1,000 sq. ft. per year (750 lbs/acre per year)
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	4 lbs/1,000 sq. ft. (174 lbs/acre)	11.5 lbs/1,000 sq. ft. per year (500 lbs/acre per year)
Creeping Red Fescue	4 lbs/1,000 sq. ft. (174 lbs/acre)	8.5 lbs/1,000 sq. ft. per year (370 lbs/acre per year)
Creeping Bentgrass	4 lbs/1,000 sq. ft. (174 lbs/acre)	7.6 lbs/1,000 sq. ft. per year (330 lbs/acre per year)

¹These are the maximum rates per calendar year.

²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 6 pounds/1,000 square feet (260 pounds/acre). Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of foxtail, goosegrass and rescuegrass due to reduced rates used in sprigging situations.

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. 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. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rates listed for longer periods of weed control.

WHEN TO OVERSEED AFTER APPLICATION: This product will inhibit germination of turf seed if overseeded too soon after application. Follow rates and intervals in table for best overseeding/reseeding results (see map above).

USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
4 pounds/1,000 sq. ft. (174 pounds/acre)	4	4	4
7.6 pounds/1,000 sq. ft. (330 pounds/acre)	5	4	4
8.5 pounds/1,000 sq. ft. (370 pounds/acre)	6	5	5
9.2 pounds/1,000 sq. ft. (400 pounds/acre)	-	6	6
11.5 pounds/1,000 sq. ft. (500 pounds/acre)	-	7	7
13 pounds/1,000 sq. ft. (570 pounds/acre)	-	-	9
14.9 pounds/1,000 sq. ft. (650 pounds/acre)	-	-	10
17.2 pounds/1,000 sq. ft. (750 pounds/acre)	-	-	12

LANDSCAPE ORNAMENTALS: (including established perennials and wildflower plantings): This product may be applied for residual pre-emergence weed control in ornamentals. Apply at the rate of 7.6 to 17.2 pounds/1,000 square feet (330 to 750 pounds/acre) in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 17.2 pounds/1,000 square feet (750 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals as broadcast, over the top or directed application. Around new transplants, delay application to allow soil to settle and water thoroughly before applying. Apply after cuttings form roots and become established. Apply before budding/grafting or after buds/grfts have taken to avoid any inhibition of the tissue union. 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 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when applied to soil free of clods, weeds and debris such as leaves. Prior to application, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

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 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.

FOR PRE-EMERGENCE CONTROL OF GRASS AND BROADLEAF WEEDS IN LAWNS AND ORNAMENTAL TURF (excluding golf course putting greens) LANDSCAPE ORNAMENTALS, ESTABLISHED PERENNIALS AND WILDFLOWER PLANTINGS STOPS MANY WEED GRASSES BEFORE THEY GROW PREVENTS CRABGRASS, ANNUAL BLUEGRASS, FOXTAIL

ACTIVE INGREDIENT:		
Prodiamine (CAS # 29091-21-2)	0.20%	
OTHER INGREDIENTS:	99.80%	
TOTAL:	100.00%	

EPA Reg. No. 53883-173-57131

EPA Est. No. 57131-WI-1

Net Wt. 50 lbs. (22.7 kg)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**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 repeated skin contact with product may cause allergic reactions in some individuals.

SCIENTIFIC NAME

Abies spp.
 Abelia grandiflora
 Acer palmatum
 A. platanoides
 Actinidia chinensis
 Agapanthus africanus
 Agapanthus orientalis
 Allium cernuum
 Alnionora hybrida
 Aquilegia spp.
 Arctostaphylos densiflora
 Arctotheca calendula
 Artemisia spp.
 Aster spp.
 Aster, X-Frikarll
 Athrium Filiz-femina
 Aucuba japonica
 Begonia spp.
 Berberis glaucovenensis
 B. julianae
 B. thunbergii
 B. verruculosa
 Bergenia cordifolia
 Botonia asterioides
 Buddleia davidii
 Buxus microphylla
 Callistemon viminalis
 Calluna vulgaris
 Campanula campanica
 Campis X Taglibubana
 Carporoborus edulis
 Cassia artemisoides
 Ceanothus rigidus
 Carexstigma plumbagonioides
 Chamaecyparis pisifera
 Cleyera japonica
 Citrus spp.
 Coreopsis spp.
 Cornus florida
 C. Sibirica
 Cortaderia selocora
 Cotoneaster apiculatus
 C. buxifolius
 C. dammeri
 C. Microphyllus
 Cretaeas spp.
 Crocosmia spp.
 Cupressus sempervirens
 Delosperma alta
 Delosperma spp.
 Dianthus spp.
 Dianthus deltoides
 D. gratiapopolitanus
 Dobsona viscosa
 Echinnacea purpurea
 Elaeagnus pungens
 Euonymus fortunei
 E. japonica
 E. kiautschovica
 Fatsia japonica
 Forsythia intermedia
 Forsythia suspensa
 F. viridissima
 Gallardia spp.
 Garenia jasminoides
 Gaura spp.
 Gentiana dahurica
 Geranium cinereum
 Gladiolus spp.
 Glycosyllia repens
 Hedera helix
 Helianthemum spp.
 Hemerocallis spp.
 Hibiscus spp.
 Hibiscus rosa-siniensis
 Hosta plantaginea
 H. Sieboldiana
 Houttuynia cordata var. variegata
 Hydrangea macrophylla
 Ilex Berry
 I. cornuta
 I. opaca
 I. vomitoria
 Indula infolbia
 Iris ensata
 Iris sibirica
 Iris spp.
 Jasminum nudiflorum
 Juniperus chinensis
 J. conferta
 J. davurica
 J. horizontalis
 Juglans spp.
 Justicia brandegeana
 Lagerstromia indica
 Lagerstromia indica X Fauriei
 Lantana monievidensis
 Lavender spp.
 Leonopodium alpinum
 Ligustrum amurense
 Ligustrum sinense
 L. japonicum
 L. lucidum
 Lilium spp.
 Liriope muscari
 Liriope muscari var. variegata
 Liriope sulcata
 Lobelia Cardinalis
 Lonicea japonica
 L. tatarica
 Loropetalum chinense
 Lythum spp.
 Magnolia spp.
 Maleophora luteola
 Malus spp.
 Miscanthus sinensis
 Nandina domestica
 Narcissus spp.
 Nerium oleander
 Olea europaea
 Ophiopogon japonicus
 Osmanthus heterophyllus
 Ostespermum fruticosum
 Oxycendrum arboreum
 Paeonia suffruticosa
 Pennisetum setaceum
 Peirovska atriplicifolia
 Peisea americana
 Photinia Fraseri
 Physolegia Virginiana
 Picea spp.
 Pteris japonica
 Pinus tritida
 P. canariensis
 P. Elliottii
 P. halepensis
 P. nigra
 P. palustris

COMMON NAME
 Fir species** (Balsam, Fraser, Noble, etc.)
 Abelia, Shrewwood
 Japanese Maple
 Norway Maple
 Yarrow: King Edward
 Kiwi*
 Lily-of-the-Nile (African Lily)
 Five-leaf or Chocolate Vine
 Lady's Leak, Nodding Onion
 Japanese Anemone
 Aquilegia: Red and Gold
 Vine Hill Manzanita
 Cape Weed
 Wormwood: Silver Mound, Casile
 Aster: Bonnie Blue, Purple Dome
 Lady Fern: Fern Lady
 Japanese Aucuba
 Fibrous Begonia: Hardy Grandis
 Barbery
 Wintergreen Barbery
 Japanese Barbery
 Warty Barbery
 Showbark
 Butterfly Bush (Dwarf Blue), Royal Red
 Japanese Boxwood
 Weeping Bottlebrush
 Scotch Heather
 Tussock Bellflower (White Clus)
 Trumpet Flower, Madame Galen
 Hottentot Fig (Ice Plant)
 Feathery Cassia
 Wild Lilac
 False Cypress
 Cleyera
 Citrus species*
 Coreopsis (Calliposis) 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, Magnus
 Silverberry
 Wintercreeper
 Evergreen Euonymus
 Spreading Euonymus
 Japanese Analia
 Border Forsythia
 Weeping Forsythia
 Greenstem Forsythia
 Gallardia, Blanket Flower: "Goblin"
 Garenia, Cape-Jasmine
 Gentian
 Cranesbill
 Gladiolus species**
 Baby's Breath
 English Ivy
 Surrose
 Daylily, Aztec Gold, Stella de Oro, Tender Love
 Rose of Sharon**
 Mallow: Disco Belle White
 Chinese Hibiscus
 Hosta, Plantain Lily (Fragrant)
 Hosta, "Seersucker"
 Bigleaf Hydrangea
 Holly
 Chinese Holly
 Japanese Holly
 American Holly
 Yaupon Holly, Schillings
 Sword-Leaved Iris: Jodelsong
 Siberian Iris, Cabernet
 Iris species**
 Winter Jasmine
 Chinese Juniper, Nick's Compact, Parsonii
 Shore Juniper: Blue Pacific
 Parsni
 Creeping Juniper
 Waihiu*
 Shrimp Plant
 Crane Myrtle
 Crape Myrtle, Tuscacora
 Weeping Lantana
 Lavender: Munstead
 Edelweiss
 Amur Priet
 Chinese Priet: Variegata
 Japanese Priet
 Glossy Priet (Waxleaf)
 Lily, Jazz
 Big Blue Lily, Silver Mound, Evergreen Giant
 Liriope, Variegated
 Liriope, Creeping
 Cardinal Flower, Indian Pink
 Japanese Honeysuckle
 Italian Honeysuckle
 Burgundy
 Loosetrife, Modern Pink
 Magnolia species**
 Ice Plant
 Crabapple*
 Yaku, Jima, Silberfeder
 Heavenly Bamboo
 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
 Soruce 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
 Eastern White Pine
 Scotch Pine
 Loblolly Pine
 Japanese Black Pine
 Virginia Pine
 Pistachio*
 Queensland Pittosporum
 Japanese Pittosporum
 Japanese Yew
 English Laurel
 Almond, Apricot, Nectarine, Peach, Plum and Prune*
 Douglas Fir**
 Freitorn (Scarlet)
 Freitorn
 Bradford Pear spp.
 Oak, Shumards Red
 Oak species
 Indian Hawthorne
 Yedda Hawthorne
 Coral Bells, Formosa, "Hino-crimson", "PJM"
 Delaware Valley White, Roseum Elegans,
 "Flame Creeper", Girard Crimson, "Waketebisu"
 "White Gumbo", George L. Tabor,
 Lady Banks Rose
 Rosemary*
 Black-Eyed Susan; Goldsturm
 Santolina
 Saxifrage, Purple Dome
 Pincushion Flower
 Stonecrop
 Stonecrop: Lidakense
 Stonecrop: Dragon's Blood
 Spirea; Anthony Waterer
 Australian Bruscherry
 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
 Greater Periwinkle, Vinca
 Common Periwinkle, Vinca
 Grape*
 Old Fashioned Weigela
 Spanish Bayonet, Yucca
 Adams' Needle, Yucca
 "Do not use on food producing trees, vines or plants."
 "Do not use on container grown plants."

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store in original container in a dry place. Store in locked area out of reach of children and domestic animals.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or misate 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: Non-refillable container. Do not reuse or refill this container. Empty container through use according to label instructions. Do not rinse unless required for recycling. Offer for recycling, if available. If recycling is not available, then dispose of container in a sanitary landfill, 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 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of The Manufacturer or the Seller. All such risks shall be assumed by the Buyer.

The Manufacturer warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS. BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF, THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. THE MANUFACTURER and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.

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