



TURF FERTILIZER

with PRODIAMINE 0.37%

10-0-3

.37% Prodiamine

GUARANTEED ANALYSIS

Total Nitrogen (N) 10.0%

10.0% Urea nitrogen

Soluble Potash (K₂O) 3.0%

Plant foods derived from: Urea and Muriate of Potash.

495-5140

genericpocketsm



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) 0.37%

OTHER INGREDIENTS: 99.63%

TOTAL: 100.00%

EPA Reg. No.53883-172-57131

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.

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.

Apply only to actively growing turf. Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands in the driveway, sidewalk, or street, back onto your lawn. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.

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; barnyardgrass; 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).

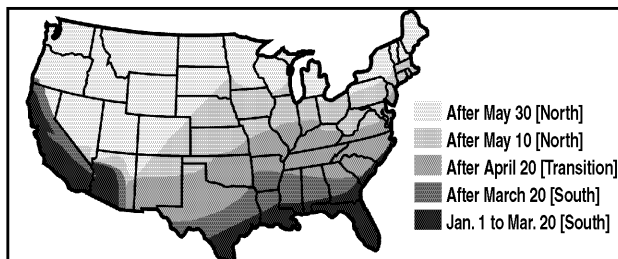
¹In many areas a single application of 4.1 to 9.3 pounds/1,000 square feet (175 to 405 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 4.1 to 6.2 pounds/1,000 square feet (175 to 270 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 of 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 seedling secondary roots are in the second inch of soil (not thatch plus soil). Do not apply 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)	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	9.3 lbs/1,000 sq. ft. per year (405 lbs/acre per year)
Buffalograss Kentucky Bluegrass Perennial Ryegrass	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	6.2 lbs/1,000 sq. ft. per year (270 lbs/acre per year)
Creeping Red Fescue	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	4.6 lbs/1,000 sq. ft. per year (202 lbs/acre per year)
Creeping Bentgrass	2.7 lbs/1,000 sq. ft. (118 lbs/acre)	4.0 lbs/1,000 sq. ft. per year (175 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 3.3 pounds/1,000 square feet (145 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).

USE RATE	MONTHS BEFORE OVERSEEDING		
	North	Transition	South
3 pounds/1,000 sq. ft. (135 pounds/acre)	4	4	4
4 pounds/1,000 sq. ft. (175 pounds/acre)	5	4	4
4.6 pounds/1,000 sq. ft. (202 pounds/acre)	6	5	5
4.9 pounds/1,000 sq. ft. (215 pounds/acre)	-	6	6
6.2 pounds/1,000 sq. ft. (270 pounds/acre)	-	7	7
7 pounds/1,000 sq. ft. (308 pounds/acre)	-	-	9
8 pounds/1,000 sq. ft. (350 pounds/acre)	-	-	10
9.3 pounds/1,000 sq. ft. (405 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 2.7 to 9.3 pounds/1,000 square feet (118 to 405 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 9.3 pounds/1,000 square feet (405pounds/acre) per year.

APPLICATION TIMING AND INFORMATION: This product may be applied to newly transplanted and established ornamentals as a 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/grafts 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.

4 lbs Per 1,000	
SPREADERS	Sq. Ft.
Lesco Rotary	F-G
Spyker 24-22	4
Scott's RBA	1
Prizelawn CB Rotary	4
Earthway 2400 Rotary	17
Lely Broadcast	3.4

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.

SCIENTIFIC NAME

- Abies spp.
- Abelia grandiflora
- Acer palmatum
- A. Platanoides
- Achillea spp.
- Actinidia chinensis
- Agapanthus africanus
- Agapanthus orientalis
- Akebia quinata
- Allium cernuum
- Anemone hybrida
- Anemone spp.
- Aquilegia
- Arctostaphylos densiflora
- Arctotheca candelula
- Asteres spp.
- Aster spp.
- Aster X Frikartii
- Atrium Filiz-emma
- Aucuba japonica
- Begonia spp.
- Berberis glandylyrensis
- B. Julianae
- B. mentorensis
- B. Thunbergii
- B. Vermuculosa
- Begonia cordifolia
- Boltonia asteroides
- Buddleia davidii
- Callistemon viminalis
- Calluna vulgaris
- Campanula campanica
- Campsis X Tagliabuana
- Carpororus edulis
- Cassia artemisoides
- Ceanothus rigidus
- Ceratostigma plumbagionoides
- Chamaecyparis pisifera
- Cleyera japonica
- Cornopsis spp.
- Cornus florida
- C. Sibirica
- Cotoneaster selboana
- Cotoneaster apiculatus
- C. buxifolius
- C. dammeri
- C. Microphyllus
- Creataegus spp.
- Crossosma spp.
- Cupressus sempervirens
- Delosperma alba
- Delosperma spp.
- Delphinium spp.
- Dianthus deltoides
- D. gratianopolitanus
- Doodea viscosa
- Echinacea purpurea
- Elaeagnus pungens
- Euonymus bruniica
- E. japonica
- E. kiauschnovica
- Fatsia japonica
- Forsythia intermedia
- Forsythia suspensa
- F. viridissima
- Gallardia spp.
- Gardenia jasminoides
- Gaura spp.
- Gentiana dahurica
- Geranium cinereum
- Gladiolus spp.
- Gynoxiphilia repens
- Hebea helix
- Helleborum spp.
- Hemerocallis spp.
- Hibiscus spp.
- Hibiscus rose-sinensis
- Hosta plantaginea
- H. Sieboldiana
- Houttynia cordata var. variegata
- Hydrangea macrophylla
- Ilex Bernyi
- Ilex cornuta
- I. crenata
- I. opaca
- I. vomitoria
- Impatiens
- Iris ensata
- Iris sibirica
- Iris spp.
- Jasminum nudiflorum
- Juniperus chinensis
- J. conferta
- J. davurica
- J. horizontalis
- Juglans spp.
- Justica 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 spicata
- Lobelia Cardinalis
- Lonicera japonica
- L. latianca
- Loropetalum chinense
- Lyratum spp.
- Magnolia spp.
- Malephora luteola
- Malus spp.
- Miscanthus sinensis
- Nandina domestica
- Narcissus spp.
- Nerium oleander
- Olea europaea
- Omphogon japonicus
- Osmanthus heterophyllus
- Ostrya pernum fruticosum
- Oxydendrum arboatum
- Peonia suffruticosa

COMMON NAME

- Fr. species** (Baikam, 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 Leak, Nodding Onion
- Japanese Anemone
- Aquilegia: Red and Gold
- Vine Hill Marzanita
- Cape Weed
- Wormwood, Silver Mound, Castle
- Aster: Bonnie Blue, Purple Dome
- Lady Fern: Fern Lady
- Japanese Aucuba
- Floribus Begonia: Hardy Grandis
- Barberry
- Wintergreen Barberry
- Mentor Barberry
- Japanese Barberry
- Warty Barberry
- Stowbank
- Butterfly-Bush, (Dwarf Blue), Royal Red
- Japanese Boxwood
- Weeping Bottlebrush
- Scotch Heather
- Tussock Bellflower, (White Clips)
- Trumpet Flower, Madame Galen
- Hortensia Egg (Ice Plant)
- Feathery Cassia
- Wild Lilac
- False Cypress
- Cleyera
- Citrus species*
- Coneopsis (Calliopsis) Early Sunrise, Moonbeam
- Flowering Dogwood
- American Dogwood
- Pampas Grass
- Cranberry Cotoneaster
- Cotoneaster
- Bearberry Cotoneaster
- Rockspray Cotoneaster
- Hawthorne
- Lupine
- 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 Akala
- Border Forsythia
- Weeping Forsythia
- Greenstem Forsythia
- Gallardia: Blanket Flower: "Goblin"
- Gardenia: Cape-Jasmine
- Gentian
- Cranesbill
- Gladiolus species**
- Baby's Breath
- English Ivy
- Sumrose
- Daylily: Aztec Gold, Stella de Oro, Tender Love
- Rose of Sharon**
- Mallow: Disco Belle White
- Chinese Hibiscus
- Hosta: Plantain Lily (Fragrant)
- Hosta: "Seasucker"
- Bigleaf Hydrangea
- Holly
- Chinese Holly
- Japanese Holly
- American Holly
- Yaupon Holly: Blue Pacific
- Sword-leaved Iris: Jodelsong
- Siberian Iris: Cabernet
- Winter Jasmine
- Chinese Juniper: Nick's Compact, Parsonii
- Shore Juniper: Blue Pacific
- Parsoni
- Creeping Juniper
- Waijut*
- Shrimp Plant
- Crape Myrtle
- Cape Myrtle: Tuscarora
- Weeping Lantana
- Lavender: Munstead
- Edelweiss
- Amur Privet
- Chinese Privet: Variegata
- Japanese Privet
- Glossy Privet (Waxleaf)
- Lily: Jazz
- Big Blue Lily, Silver Mound, Evergreen Giant
- Liriope: Variegated
- Liriope, Creeeping
- Cardinal Flower: Indian Pink
- Japanese Honeysuckle
- Italian Honeysuckle
- Burgundy
- Loosestrife: 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

- Pennisetum setaceum
- Perovskia atriplicifolia
- Persea americana
- Photinia Fraseri
- Physalegia Virginiana
- Pilea spp.
- Pieris japonica
- Pinus birtula
- P. carolinensis
- P. Elliottii
- P. halepensis
- P. nigra
- P. palustris
- P. radiata
- P. strobus
- P. sylvestris
- P. taeda
- P. Thunbergiana
- P. Virginiana
- Pistachio*
- Pitiosporum pittosporum
- Pitiosporum nortboliolum
- P. tobira
- Podocarpus macrophyllus
- Prunus laurocerasus
- Prunus spp.
- Pseudotsuga menziesii
- Pyracantha coccinea
- P. fortuneana
- P. koizumii
- Pyrus spp.
- Quercus shumardii
- Quercus spp.
- Rapidoletis indica
- Rapidoletis umbellata
- Rhododendron
- (Including Azalea)
- Rosa banksiae
- Rosmarinus officinalis
- Rudbeckia spp.
- Samolita virens
- Saxifraga spp.
- Scabiosa spp.
- Sedum album
- Sedum cauticola
- Sedum dasycyllum
- Sedum spurium
- Spiraea bumada
- Syzygium paniculatum
- Taxus cuspidata
- T. media
- Teucrium spp.
- Thalictrum dipelcarpum
- Thuja occidentalis
- Teuchospermum asiaticum
- Tsuga canadensis
- Tulipa spp.
- Veronica spp.
- Viburnum japonicum
- V. odoratissimum
- V. plicatum
- V. rigidum
- V. suspensum
- V. tinus
- V. trilobium
- V. wrightii
- Vinca major
- Vinca Minor
- Vitis spp.
- Weigela florida
- Yucca aloifolia
- Y. filamentosa

*Not for use on food producing trees, vines or plants.

**Not for 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 material, or mislabeled material 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 recycling in accordance with label instructions. Do not reuse 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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