

17-0-0

.29% Prodiamine, All Mineral GUARANTEED ANALYSIS

Total Nitrogen (N) 17.0%
17.0% Urea nitrogen

Plant foods derived from: Urea.

580-4060

polypocketsm



PROFESSIONAL TURF FERTILIZER

PRODIAMINE 0.29 PLUS

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) 0.29%

INERT INGREDIENTS: 99.71%

TOTAL: 100.00%

EPA Reg. No.53883-170 -57131

EPA Est. No. 57131-WI-1

Net Wt. 50 lbs.

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.

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; rescuegrass², shepherd's purse², signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

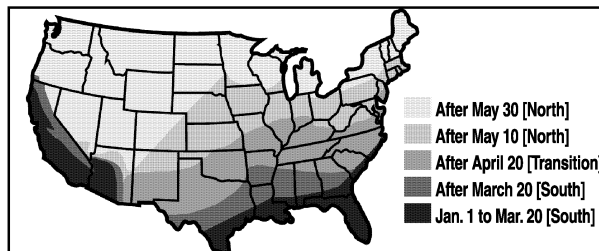
¹In many areas a single application of 5.2 to 11.9 pounds/1,000 square feet (225 to 518 pounds/acre) will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained with an initial application of 5.2 to 7.9 pounds/1,000 square feet (225 to 345 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)	2.75 lbs/1,000 sq. ft. (120 lbs/acre)	11.9 lbs/1,000 sq. ft. per year (518 lbs/acre per year)
Buffalograss Kentucky Bluegrass Perennial Ryegrass	2.75 lbs/1,000 sq. ft. (120 lbs/acre)	7.9 lbs/1,000 sq. ft. per year (345 lbs/acre per year)
Creeping Red Fescue	2.75 lbs/1,000 sq. ft. (120 lbs/acre)	6 lbs/1,000 sq. ft. per year (260 lbs/acre per year)
Creeping Bentgrass	2.75 lbs/1,000 sq. ft. (120 lbs/acre)	5.2 lbs/1,000 sq. ft. per year (225 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 4.1 pounds/1,000 square feet (179 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
2.75 pounds/1,000 sq. ft. (120 pounds/acre)	4	4	4
5.2 pounds/1,000 sq. ft. (225 pounds/acre)	5	4	4
6 pounds/1,000 sq. ft. (260 pounds/acre)	6	5	5
6.3 pounds/1,000 sq. ft. (275 pounds/acre)	-	6	6
7.9 pounds/1,000 sq. ft. (345 pounds/acre)	-	7	7
9 pounds/1,000 sq. ft. (393 pounds/acre)	-	-	9
10.3 pounds/1,000 sq. ft. (448 pounds/acre)	-	-	10
11.9 pounds/1,000 sq. ft. (518 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 5.2 to 11.9 pounds/1,000 square feet (225 to 518 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 11.9 pounds/1,000 square feet (518 pounds/acre) per year.

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

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.

Doc.# RP53883-040 Rev. Date: 9/1/10

SCIENTIFIC NAME

Abies spp.
Abelia grandiflora
Acer palmatum
A. Platanoides
A. Platanoides
Achillea spp.
Actinidia chinensis
Aqapanthus africanus
Aqapanthus orientalis
Allium caernium
Allium cepa
Anemone hybrida
Aquilegia spp.
Arctostaphylos densiflora
Arctotheca calenoula
Artemesia spp.
Aster X Frikatli
Aster X Frikatli
Ailium Fliz-lemna
Aucuba japonica
Begonia spp.
Belberis graefwyrnsis
B. Julianae
B. mentriensis
B. Thunbergii
B. Vermulocosa
Bergenia cordifolia
Boltonia asteroides
Buddleia davidii
Buxus microphylla
Callistemon viminalis
Calluna vulgaris
Campanula catpatica
Campsis X tagliabuana
Carpobrotus edulis
Cassia artensisoides
Ceanothus rigidus
Ceratostigma plumbagoonoides
Chamaecyparis pisifera
Clayera japonica
Cistus spp.
Coreopsis spp.
C. omnis florta
C. Stolonifera
Cortaderia seloana
Cotoneaster apiculatus
C. buxifolius
C. dammeri
C. Microphyllus
Cretaegus spp.
Crocus spp.
Cunessus sempervirens
Delosperma alba
Delosperma spp.
Delphinium spp.
Dianthus deltoides
D. gratianopolitanus
Dodonaea viscosa
Echmacea purpurea
Elaeagnus pungens
Euonymus fortunei
E. japonica
E. katuschonica
E. japonica
Falsa japonica
Forsythia intermedia
Forsythia suspensa
F. viridissima
Gallardia spp.
Gardenia jasminoides
Gaura spp.
Gentiana dahurica
Geranium cinereum
Gladiolus spp.
Gypsophilla repens
Hedera helix
Helleborum spp.
Hemerocallis spp.
Hibiscus spp.
Hibiscus rosa-sinensis
Hosta plantaginea
H. Sieboldiana
Houttuynia cordata var. variegata
Hydrangea macrophylla
Ilex Berryii
Ilex cornuta
I. crenata
I. opaca
I. vomitoria
Inula ensifolia
Iris ensata
Iris sibirica
Iris spp.
Jasminum nudiflorum
Juniperus chinensis
J. confertif
J. davurica
J. horizontalis
Juglans spp.
Justicia brandegeana
Lagerstromia indica
Lagerstromia indica X Faunei
Lantana montevidensis
Lavender spp.
Leopodium alpinum
Ligustrum amurense
Ligustrum sinense
L. japonicum
L. lucidum
Lilium spp.
Liriope muscari
Liriope muscari var. variegata
Liriope spicata
Lobelia Cardinalis
Lonchera japonica
L. latifolia
Loropetalum chinense
Lythrum spp.
Magnolia spp.
Malephora luteola
Malus spp.
Miscanthus sinensis
Nandina domestica
Narcissus spp.
Nerium oleander
Olea europaea
Ophiopogon japonicus
Osmanthus heterophyllus
Osteospermum fruticosum
Oxydendrum arboreum
Paeonia suffruticosa
Pennisetum setaceum
Pereskia atriplicifolia
Pessea americana
Phloxina Fraseri
Physocgea Virginiana
Picea spp.
Pieris japonica
Pinus brutia
P. canariensis
P. Elliottii
P. halapensis
P. nigra
P. palustris

COMMON NAME
Fir species** (Balsam, Fraser, Noble, etc.)
Abelia: Sherwood
Japanese Maple
Norway Maple
Yarrow: King Edward
Kwi**
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, Castle
Aster: Bonnie Blue, Purple Dome

Lady Fern: Fern Lady
Japanese Aucuba
Fibrous Begonia: Hardy Giants
Barbery
Wintergreen: Barbery
Mentor Barbery
Japanese Barbery
Warty Barbery

Snowbank
Butterfly-Bush (Dwarf Blue); Royal Red
Japanese Boxwood
Weeping Bottlebush
Scottish Heather
Tussock Bellflower, (White Clips)
Trumpet Flower, Madame Galen
Hotterlot Fig (Ice Plant)
Feathery Cassia
Wild Lilac
Falsa Cypress
Cleyera
Citrus species*
Coreopsis (Calliopsis) Early Sunrise, Moonbeam
Flowering Dogwood
American Dogwood
Pampas Grass
Cranberry Cotoneaster
Cotoneaster
Bearberry Cotoneaster
Rockspray Cotoneaster
Hawthorne
Luctler
Italian Cypress
White Trailing Ice Plant
Cooper's Pink
Larkspur: Blue Elf
Dianthus: Maiden Pinks "Zing"
Cheddar Pink
Hop Bush
Coneflower; Purple; Magnus
Silverberry
Wintercreeper
Evergreen Euonymus
Spreading Euonymus
Japanese Aralia
Border Forsythia
Weeping Forsythia
Greenstem Forsythia
Gallardia, 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, "Seersucker"
Bigleaf Hydrangea
Holly
Chinese Holly
Japanese Holly
American Holly
Yaupon Holly, Shillings
Sword-leaved Iris, Juddiesong
Siberian Iris, Cabernet
Iris species**
Winter Jasmine
Shore Juniper; Nick's Compact, Parsonsii
Parson
Creeping Juniper
Walnut
Shrimp Plant
Crape Myrtle
Crape Myrtle: Tuscarora
Weeping Lantana
Lavender; Munstead
Echweiss
Amur Pivet
Chinese Pivet; Variegata
Japanese Pivet
Glossy Pivet (Waxleaf)
Lily, Jazz
Big Blue Lily, Silver Mound, Evergreen Giant
Liriope
Liriope, Variegated
Liriope, Greening
Cardinal Flower, Indian Pink
Japanese Honeysuckle
Japanese 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
Tree Wood
Fountain Grass (Dwarf)

Avocado*
Foster's Phloxia (Redlip)
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

P. radiata
P. strobus
Eastern White Pine
Scottish Pine
Loblolly Pine
Japanese Black Pine
Virginia Pine
Queensland Pittosporum
Japanese Pittosporum
Japanese Yew
English Laurel
Almond, Apricot, Nectarine, Peach, Plum and Prune*
Douglas Fir**
Firethorn (Scarlet)
Firethorn
Firethorn
Bradford Pear spp.
Oak, Shumard's Red
Oak species
Indian Hawthorne
Yedda Hawthorne
"Coral Balls," "Fomosa," "Hino-crimson," "PJM"
"Delaware Valley White," "Roseum Elegans,"
Flame Creeper, "Giant Crimson," "Waterbush
White Gumbo," "George L. Tabor"
Lady Bank's Rose
Rosemary
Black-Eyed Susan; Goldstum
Santolina
Saxifrage; Purple Dome
Pincushion Flower
Stonecrop
Stonecrop; Lidakense
Stonecrop
Stonecrop; Dragon's Blood
Spiraea; Anthony Waterer
Austrian Brushcherry
Japanese Yew
Yew
Gemander
Meadow Rue
American Alibonitae
Star Jasmine
Canada Hemlock
Tulip species
Veronica; Speedwell; Sunny Border
Japanese Viburnum
Sweet Viburnum
Japanese Snowball
Canary Island Viburnum
Arrowood Viburnum
Laurustinus
Cranberry Bush
Leatherleaf Viburnum
Greater Penstake; Vinca
Common Penstake; Vinca
Grape
Old Fashioned Weigela
Spanish Bayonet; Yucca
Adam's Needle; Yucca

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

Rosa banksiae
Rosmarinus officinalis
Rutbeekia spp.
Santolina virens
Saxifraga spp.
Scabiosa spp.
Sedum album
Sedum caulicoda
Sedum dasycyllum
Sedum spumum
Spiraea bumalda
Syzgium paniculatum
Yucca cuspidata
T. media
Teucrium spp.
Thalictrum dipetalcupum
Thuja occidentalis
Trehospermum asiatum
Tsuga canadensis
Tulipa spp.
Veronica spp.
Viburnum japonicum
V. odoratissimum
V. plicatum
V. rigratum
V. suspensum
V. tinus
V. trilobum
V. wrightii
Vinca major
Vinca minor
Vitis spp.
Weigela florida
Yucca aloifolia
Y. filamentosa

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

EC GROW

Distributed By Eau Claire Co-op Oil Co., P.O. Box 837, Eau Claire, WI 54702