



18-0-0

Turf King Fertilizer

with 0.58% Prodiamine

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)..... 0.58%
INERT INGREDIENTS:..... 99.42%
TOTAL:..... 100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

See back panel for further precautions and First Aid Information below

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:	- 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:	- 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:	- 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:	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, is 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. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 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. 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.

Distributed and Guaranteed by Andre & Son
17150 State Route 706 • Montrose, PA 18801 • 570-278-1131

GUARANTEED ANALYSIS

Total Nitrogen (N) 18.00%

18.00% Urea Nitrogen

Nutrients derived from:

Urea.

Information concerning the raw materials composing this product can be obtained by writing to the Guarantor listed on this label, and referring to the batch number found on this container.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

DIRECTION 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; rescuegrass3, shepherd's purse2, signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

¹ In many areas a single application of 2.5 to 6 pounds/1,000 square feet (112 to 259 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 2.5 to 3.9 pounds/1,000 square feet (112 to 173 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).

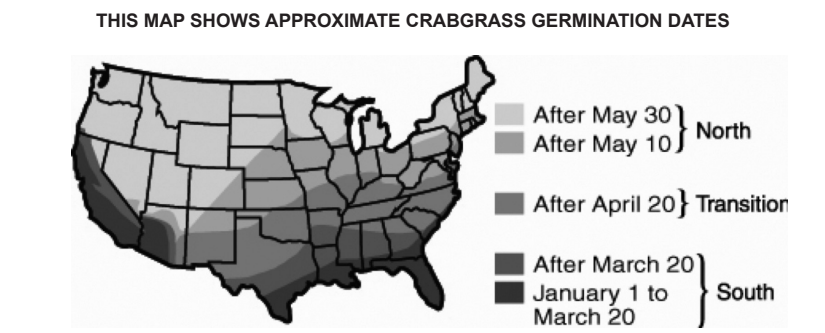
² For this weed, apply in late summer, fall or winter prior to germination.

³ Suppression only.

NET WT 50 lb (22.7 kg)

EPA Reg. No. 53883-171-47956 • EPA Est. No. 47956-PA-001

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



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 seedling 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. (175 lbs/acre)	6 lbs/1,000 sq. ft. per year (259 lbs/acre per year)
Buffalograss Kentucky Bluegrass Perennial Ryegrass	2 lbs/1,000 sq. ft. (87.5 lbs/acre)	4 lbs/1,000 sq. ft. per year (173 lbs/acre per year)
Creeping Red Fescue	1.5 lbs/1,000 sq. ft. (65.3 lbs/acre)	2.9 lbs/1,000 sq. ft. per year (130 lbs/acre per year)
Creeping Bentgrass	1.5 lbs/1,000 sq. ft. (65.3 lbs/acre)	2.5 lbs/1,000 sq. ft. per year (112 lbs/acre per year)

¹ These are the maximum rates per calendar year.

² May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 2 pounds/1,000 square feet (87.5 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.

DIRECTION FOR USE (continued)

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
1.9 pounds/1,000 sq. ft. (86 pounds/acre)	4	4	4
2.5 pounds/1,000 sq. ft. (112 pounds/acre)	5	4	4
2.9 pounds/1,000 sq. ft. (130 pounds/acre)	6	5	5
3.16 pounds/1,000 sq. ft. (138 pounds/acre)	-	6	6
4 pounds/1,000 sq. ft. (173 pounds/acre)	-	7	7
4.5 pounds/1,000 sq. ft. (197 pounds/acre)	-	-	9
5.14 pounds/1,000 sq. ft. (224 pounds/acre)	-	-	10
5.94 pounds/1,000 sq. ft. (259 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 2.5 to 5.94 pounds/1,000 square feet (112 to 259 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 5.94 pounds/1,000 square feet (259 pounds/acre) per year.

APPLICATION TIMING AND INFORMATION

This product may be applied to newly transplanted and established ornamentals with 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 pre-emergence 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.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container in a locked storage area out of reach of children and domestic animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available. If recycling is not available; then dispose of empty bag in a sanitary landfill, or if allowed by State and local authorities, by burning. If burned, say 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 Andre and Son, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Andre and Son, Inc. 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.

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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	COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME	COMMON NAME
Abies spp.	Fir species** (Balsam, Frasier, Noble, etc.)	Hellanthemum spp.	Sunrose	P. virginiana	Virginia Pine
Abelia grandiflora	Abelia: Sherder Love	Hemerocallis spp.	Daylily: Aztec Gold, Stella de Oro, Tender Love	Pistachio spp.	Pistachio*
Acer palmatum	Japanese Maple	Hibiscus	Rose of Sharon**	Pittosporum rhombifolium	Queensland Pittosporum
A. Platanoides	Norway Maple	Hibiscus spp.	Mallow: Disco Belle White	P. tobira	Japanese Pittosporum
Achillea spp.	Yarrow: King Edward	Hibiscus rosa-sinensis	Chinese Hibiscus	Podocarpus macrophyllus	Japanese Yew
Actindia chinensis	Kiwi*	Hosta plantaginea	Hosta, Plantain Lily (Fragrant)	Prunus laurocerasus	English Laurel
Agapanthus africanus	Lily-of-the-Nile (African Lily)	H. Sieboldiana	Hosta, "Seersucker"	Prunus spp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*
Agapanthus orientalis		Houttuynia cordata var. variegata		Pseudotsuga menziesii	Douglas Fir**
Akebia quintata	Five-leaf or Chocolate Vine	Hydrangea macrophylla	Bigleaf Hydrangea	Pyracantha coccinea	Firethorn (Scarlet)
Allium cernuum	Lady's Leek, Nodding Onion	Ilex Bernyi	Holly	P. fortuneana	Firethorn
Anemone hybrida	Japanese Anemone	Ilex cornuta	Chinese Holly	P. koidzumii	Firethorn
Aquilegia spp.	Aquilegia: Red and Gold	I. crenata	Japanese Holly	Pyrus spp.	Bradford Pear spp.
Arctostaphylos densiflora	Vine Hill Manzanita	I. opaca	American Holly	Quercus Shumardii	Oak, Shumard's Red
Arctotheca calendula	Cape Weed	I. vomitoria	Yaupon Holly, Schillings	Quercus spp.	Oak species
Artemesia spp.	Wormwood; Silver Mound, Castle	Inula ensifolia		Raphiolepis indica	Indian Hawthorne
Aster spp.	Aster: Bonnie Blue, Purple Dome	Iris ensata	Sword-Leaved Iris; Jodlesong	Raphiolepis umbellata	Yedda Hawthorne
Aster X Frikartii		Iris siberica	Siberian Iris; Cabemet	Rhododendron	'Coral Bells,' 'Formosa,' 'Hino-crimson,' 'PJM' (including Azalea)
Athrium Filiz-femina	Lady Fern; Fern Lady	Iris spp.	Iris species**	Rosa banksiae	Lady Bank's Rose
Aucuba japonica	Japanese Aucuba	Jasminium nudiflorum	Winter Jasmine	Rosmarinus officinalis	Rosemary*
Begonia spp.	Fibrous Begonia: Hardy Grandis	Juniperus chinensis	Chinese Juniper; Nick's Compact, Parsonnii	Rubbeckia spp.	Black-Eyed Susan; Goldsturm
Berberis gladwynensis	Barberry	J. conferta	Shore Juniper; Blue Pacific	Santolina virens	Santolina
B. Julianae	Wintergreen Barberry	J. davurica	Parsoni	Saxifraga spp.	Saxifrage; Purple Dome
B. mentorensis	Mentor Barberry	J. horizontalis	Creeping Juniper	Scabiosa spp.	Pincushion Flower
B. Thunbergil	Japanese Barberry	Juglans spp.	Walnut*	Sedum album	Stonecrop
B. Verruculosa	Warty Barberry	Justicia brandegeana	Shrimp Plant	Sedum cauticola	Stonecrop; Lidakense
Bergenia cordifolia		Lagerstromia indica	Crape Myrtle	Sedum dasyphyllum	Stonecrop
Boltonia asteroides	Snowbank	Lagerstromia indica X Fauriei	Crape Myrtle; Tuscarora	Sedum spurium	Stonecrop; Dragon's Blood
Buddleia davidii	Butterfly-Bush (Dwarf Blue); Royal Red	Lantana montevidensis	Weeping Lantana	Spiraea bumalda	Spirea; Anthony Waterer
Buxus microphylla	Japanese Boxwood	Lavender spp.	Lavender; Munstead	Syzygium paniculatum	Australian Brushcherry
Callistemon viminalis	Weeping Bottlebrush	Leontopodium alpinum	Edelweiss	Taxus cuspidata	Japanese Yew
Calluna vulgaris	Scotch Heather	Ligustrum amurense	Amur Privet	T. media	Yew
Campanula carpatica	Tussock Bellflower, (White Clips)	Ligustrum sinense	Chinese Privet; Variegata	Teucrium spp.	Germander
Campis X Tagliabuana	Trumpet Flower, Madame Galen	L. japonicum	Japanese Privet	Thalictrum dipteracarpum	Meadow Rue
Carpobrotus edulis	Hottentot Fig (Ice Plant)	L. lucidum	Glossy Privet (Waxleaf)	Thuja occidentalis	American Arborvitae
Cassia artemisoides	Feathery Cassia	Lilium spp.	Lily; Jazz	Trachelospermum asiatum	Star Jasmine
Ceanothus rigidus	Wild Lilac	Liriope muscari	Big Blue Lily, Silver Mound, Evergreen Giant	Tsuga canadensis	Canada Hemlock
Ceratostigma plumbagonoides		Liriope muscari var. variegata	Liriope, Variegated	Tulipa spp.	Tulip species
Chamaecyparis pisifera	False Cypress	Liriope spicata	Liriope, Creeping	Veronica spp.	Veronica, Speedwell; Sunny Border
Cleyera japonica	Cleyera	Lobelia Cardinalis	Cardinal Flower, Indian Pink	Viburnum japonicum	Japanese Viburnum
Citrus spp.	Citrus species*	Loncera japonica	Japanese Honeysuckle	V. odoratissimum	Sweet Viburnum
Coreopsis spp.	Coreopsis (Calliopsis) Early Sunrise, Moonbeam	L. tatarica	Tatarian Honeysuckle	V. plicatum	Japanese Snowball
Cornus florida	Flowering Dogwood	Lorapetalum chinense	Burgundy	V. rigidum	Canary Island Viburnum
C. Stolonifera	American Dogwood	Lythrum spp.	Loosestrife; Modern Pink	V. suspensum	Arrowood Viburnum
Cortaderia selloana	Pampas Grass	Magnolia spp.	Magnolia species**	V. tinus	Laurustinus
Cotoneaster apiculatus	Cranberry Cotoneaster	Maleophora luteola	Ice Plant	V. trilobium	Cranberry Bush
C. buxifolius	Cotoneaster	Malus spp.	Crabapple*	V. wrightii	Leatherleaf Viburnum
C. dammeri	Bearberry Cotoneaster	Miscanthus sinensis	Yaku Jima, Silberfeder	Vinca major	Greater Periwinkle, Vinca
C. Microphyllus	Rockspray Cotoneaster	Nandina domestica	Heavenly Bamboo	Vinca Minor	Common Periwinkle, Vinca
Cretaeus spp.	Hawthorne	Narcissus spp.	Narcissus species**	Vitis spp.	Grape*
Crococsmia spp.	Lucifer	Nerium oleander	Oleander	Weigela florida	Old Fashioned Weigela
Cupressus sempervirens	Italian Cypress	Olea europaea	Olive*	Yucca aloifolia	Spanish Bayonet, Yucca
Delosperma alba	White Trailing Ice Plant	Ophiopogon japonicus	Mondo Grass	Y. filametosa	Adam's Needle, Yucca
Delosperma spp.	Cooperi Pink	Omanthus heterophyllus	Osmanthus (False Holly); Gulf Tide		
Delphinium spp.	Larkspur: Blue Elf	Osteospermum fruticosum	Trailing African Daisy		
Dianthus deltoides	Dianthus: Maiden Pink "Zing"	Oxydendrum arboreum	Sourwood		
D. gratianopolitanus	Cheddar Pink	Paeonia suffruticosa	Tree Peony		
Dodonea viscosa	Hop Bush	Pennisetum setaceumi	Fountain Grass (Dwarf)		
Echinacea purpurea	Coneflower, Purple; Magnus	Perovskia atriplicifolia			
Elaeagnus pungens	Silverberry	Persea americana	Avocado*		
Euonymus fortunei	Wintercreeper	Photinia Fraseri	Frasier's Photinia (Redtip)		
E. japonica	Evergreen Euonymus	Physotegia Virginiana	Dragonhead, False; Vivid		
E. kiautschovica	Spreading Euonymus	Picea spp.	Spruce species** (Colorado Blue, Norway, etc.)		
Fatsia japonica	Japanese Aralia	Pieris japonica	Lily-of-the-Valley Bush		
Forsythia intermedia	Border Forsythia	Pinus brutia	Calabrian Pine		
Forsythia suspensa	Weeping Forsythia	P. canariensis	Canary Island Pine		
F. viridissima	Greenstem Forsythia	P. Elliottii	Slash Pine		
Gaillardia spp.	Gaillardia, Blanket Flower: "Goblin"	P. halepensis	Aleppo Pine		
Gardenia jasminoides	Gardenia, Cape-Jasmine	P. nigra	Austrian Pine		
Gaura spp.		P. palustris	Longleaf Pine		
Gentiana dahurica	Gentian	P. radiata	Monterey Pine		
Geranium cinereum	Cranesbill	P. strobis	Eastern White Pine		
Gladiolus spp.	Gladiolus species**	P. sylvestris	Scotch Pine		
Gysophilia repens	Baby's Breath	P. taeda	Loblolly Pine		
Hedera helix	English Ivy	P. Thunbergiana	Japanese Black Pine		

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