



15-0-0

Turf King Fertilizer with 0.42% Prodiamine

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, [N ³ ,N ³ -Di-n-propyl-2,4-dinitro-6-(trifluoromethyl) m-phenylenediamine]	0.42%
INERT INGREDIENTS:	99.58%
TOTAL:	100.00%

**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.

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 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 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. 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.

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17150 State Route 706 • Montrose, PA 18801 • 570-278-1131

GUARANTEED ANALYSIS	
Total Nitrogen (N)	15.00%
10.5% Urea Nitrogen	
4.5% CSRUN	
Nutrients derived from: XCU, 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. 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:

<i>Barnyardgrass</i>	<i>Henbit</i>	<i>Purslane, common</i>
<i>Bluegrass, Annual (Poa annua)</i>	<i>Itchgrass</i>	<i>Pusley, Florida</i>
<i>Carpetweed</i>	<i>Johnsongrass (from seed)</i>	<i>Rescuegrass³</i>
<i>Chickweed, common</i>	<i>Junglerice</i>	<i>Shepherd's Purse²</i>
<i>Chickweed, mouse ear (from seed)</i>	<i>Knotweed</i>	<i>Signalgrass, Broadleaf</i>
<i>Crabgrass (large, smooth)</i>	<i>Kochia</i>	<i>Speedwell, Persian</i>
<i>Crowfootgrass</i>	<i>Lambsquarter, common</i>	<i>Sprangletop</i>
<i>Cupgrass, Woolly</i>	<i>Lovegrass</i>	<i>Spurge, Prostrate</i>
<i>Foxtails, Annual</i>	<i>Panicum (Texas, Fall, Browntop)</i>	<i>Witchgrass</i>
<i>Goosegrass¹</i>	<i>Pigweed</i>	<i>Woodsorrel, Yellow (from seed)</i>

¹ In 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 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 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.

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

³ Suppression 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.

NET WT 50 lb (22.7 kg)

EPA Reg. No. 53883-297-47956 • EPA Est. No. 47956-PA-001

PRODIAMINE	GROUP	3	HERBICIDE
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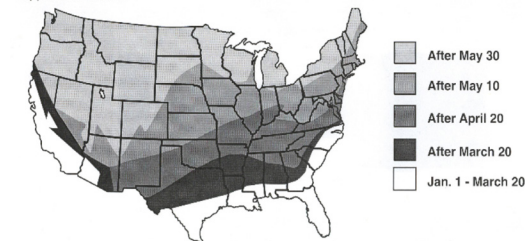
APPLICATION DIRECTIONS:

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	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 Kentucky Bluegrass Perennial Ryegrass	238	5.5	1.0
Bermudagrass ⁽²⁾ Bahagrass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysia	357	8.2	1.5

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 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 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**.

DIRECTION FOR USE (continued)

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 thatch plus soil.

WHEN TO OVERSEED AFTER 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/reseeding results.

LBs Product/Acre	LBs Product/1000 sq. ft.	LBs ai/A	Months Before Overseeding		
			North	Transition	South
119	2.7	0.50	4	4	4
155	3.6	0.65	5	4	4
179	4.1	0.75	6	5	5
190	4.4	0.80	-	6	6
238	5.5	1.00	-	7	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. Use a walking speed of 3 miles per hour.

Spreader Model	Spreader Settings Application Rates ¹ a.i lbs/Acre (Product lbs/1000 sq ft)			
	0.5 (2.7)	0.75 (4.1)	1.0 (5.5)	1.5 (8.2)
Earthway 2400	14	16	14*	16*
Prizelawn	D	F	D*	F*
Scotts Accupro	D	H	D*	H*

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 8.2lbs. 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/grafts have taken to avoid any inhibition of the tissue union.

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 HANDLING: 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 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 referred to in the **Directions for Use** subject to the inherent risks referred to above. **Andre and Son, Inc. makes no other express or implied Warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Andre and Son, Inc. or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this Product.** Andre and Son, 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 Andre and Son, Inc.

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	COMMON NAME (Tested varieties)	SCIENTIFIC NAME	COMMON NAME (Tested varieties)	SCIENTIFIC NAME	COMMON NAME (Tested varieties)
Abies spp.	Fir	Gypsophila repens	Baby's breath	Pistacia spp.*	Pistachio*
Abelia grandiflora	Abelia; Sherwood	Hedera helix	English Ivy	Pittosporum rhombifolium	Queensland pittosporum
Acer palmatum	Japanese maple	Helianthemum spp.	Sunrose	Pittosporum tobira	Japanese pittosporum
Acer platanoides	Norway maple	Hemerocallis spp.	Daylily (Aztec gold, Stella d'Oro, Tender love)	Podocarpus macrophyllus	Japanese yew
Achillea spp.	Yarrow (King Edward)	Hibiscus spp. **	Rose of Sharon**	Prunus laurocerasus	English laurel
Actinidia chinensis*	Kiwi*	Hibiscus spp.	Mallow (Disco belle white)	Prunus spp.*	Almond, Apricot, Nectarine,
Agapanthus africanus	Lily-of-the-Nile; African Lily	Hibiscus Rosa-sinensis**	Chinese hibiscus**		Peach, Plum, and Prune*
Akebia guintata	Five-leaf or Chocolate vine	Hosta plantaginea	Hosta, Plantain lily		
Allium cernuum	Lady's leek or Nodding onion	H. sieboldiana	Hosta (Searsucker)		
Anemone hybrida	Japanese anemone	Houttuynia cordata var. variegata			
Aquilegia spp.	Columbine (Red and gold)	Hydrangea macrophylla	Bigleaf hydrangea		
Arctostaphylos densiflora	Vine Hill manzanita	Ilex cornuta**	Chinese holly**		
Arcotheca calendula	Cape weed	Ilex crenata	Japanese holly		
Artemisia spp.	Wormwood (Silver mound; Castle)	Ilex opaca	American holly		
Asters spp.		Ilex pernyi	Holly		
or Symphiotrichum spp.	Aster (Bonny blue, Purple dome)	Ilex vomitoria	Yaupon holly		
Aster X frikartii		Inula ensifolia			
Athyrium felix-femina	Lady fern	Iris ensata	Sword-leaved iris (Jodlesong)		
Aucuba japonica	Japanese Aucuba	Iris siberica	Siberian iris (Cabernet)		
Begonia spp.	Fibrous begonia (Hardy Grandis)	Iris spp.	Iris **		
Berberis gladwynesis	Barberry	jasminum nudiflorum	Winter jasmine		
Berberis julianae	Wintergreen barberry	Juniperus chinensis	Chinese juniper (Nick's compact)		
Berberis mentorensis	Mentor barberry	Juniperus conferta	Shore juniper (Blue Pacific)		
Berberis thunbergii	Japanese barberry	Juniperus davurica	Juniper		
Berberis verruculosa	Warty barberry	Juniperus horizontalis	Creeping juniper		
Bergenia cordifolia		Juglans spp.*	Walnut*		
Boltonia asteroides	Snowbank	Justicia brandeageana	Shrimp plant		
Bougainvillea spp.	Bougainvillea	Lagerstroemia indica	Crape myrtle		
Buddleia davidii	Butterfly-bush (Dwarf Blue, Royal Red)	Lantana montevidensis	Weeping lantana		
Buxus microphylla	Japanese boxwood	Lavender spp.	Lavender (Munstead)		
Callistemon viminalis	Weeping bottlebrush	Leontopodium alpinum	Edelweiss		
Calluna vulgaris	Scotch heather	Ligustrum amurense	Amur privet		
Campanula carpatica	Tussock bellflower (White Clips)	Ligustrum japonicum	Japanese privet		
Campsis X tagliabuana	Trumpet creeper; Trumpet flower (Madame Gaten)	Ligustrum lucidum	Glossy privet (Wax-Leaf)		
		Ligustrum sinense	Chinese privet (Variegate)		
		Lilium spp.	Lily (Jazz)		
		Liriope muscari	Liriope (Big blue, Lilyturf, Silver mound, Evergreen giant)		
			Liriope, variegated		
			Liriope, creeping		
			Cardinal flower		
			Japanese honeysuckle		
			Tatarian honeysuckle		
			Burgundy		
			Loosestrife (Modern Pink)		
			Magnolia**		
			Magnolia**		
			Ice plant		
			Crabapple*		
			Yaku jima, Silberfeder		
			Heavenly bamboo		
			Narcissus**		
			Nerium oleander		
			Oleander		
			Olive*		
			Mondo Grass**		
			Osmanthus; False holly (Gulf tide)		
			Trailing African Daisy		
			Sourwood		
			Avocado*		
			Frasier's photinia; Redtip		
			False dragonhead (Vivid)		
			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		
			Loblolly pine		
			Japanese black pine		
			Virginia pine		

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

**Not for use on container grown plants.