

18-0-4 Turf King Fertilizer with 0.37% Prodiamine

For pre-e	mergence control of grass and broadleaf weeds in lawns and ornamental turf (excluding golf course putting greens)
La	ndscape ornamentals, established perennials and wildflower plantings
Stops man	vweed grasses before they grow - Prevents crabgrass, annual bluegrass, foxtail
ACTIVE INGR	EDIENT:
Prodiamine: (0	AS # 29091-21-2)

OTHER INGREDIENTS:	
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, 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 the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency 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%

 13.50%
 Urea Nitrogen

 4.50%
 CSRUN

Nutrients derived from: XCU, Urea, Muriate of Potash.

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; goosegrass'; henbit; itchgrass; johnsongrass (from seed); junglerice; knotweed; kochia; lambsquarter, common; lovegrass; panicum (Texas, fall, browntop); pigweed; purslane, common; pusley, Florida; rescuegrass⁸, shepherd's purse⁶, signalgrass, broadleaf; speedwell, Persian; sprangletop; spurge, prostrate; witchgrass; woodsorrel, yellow (from seed).

¹ In 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).

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

³ Suppression only

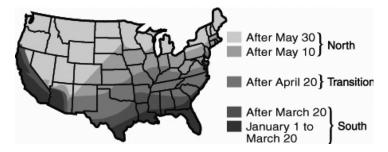


EPA Reg. No. 53883-172-47956 • EPA Est. No. 47956-PA-001

WHEN TO APPLY TO ESTABLISHED TURF:

This product must be applied prior to germination of weed seeds, as it will not control established weeds.

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 seedings 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.

^a May 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.

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
3 pounds/1,000 sq. ft. (135 pounds/acre)	4
4 pounds/1,000 sq. ft. (175 pounds/acre)	5
4.6 pounds/1,000 sq. ft. (202 pounds/acre)	6
4.9 pounds/1.000 sq. ft. (215 pounds/acre)	
6.2 pounds/1,000 sq. ft. (270 pounds/acre)	
7 pounds/1,000 sq. ft. (308 pounds/acre)	
8 pounds/1,000 sq. ft. (350 pounds/acre)	
9.3 pounds/1,000 sq. ft. (405 pounds/acre)	

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 (405 pounds/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.

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, 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 Andre & Son or the Seller. All such risks shall be assumed by the Buyer.

Andre & Son 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.

Andre & Son 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. Andre & Son AND THE SELLER OFFER THIS PRODUCT, AND THE BUYER AND USER ACCEPT IT. SUBJECT TO THE FOREGOING CONDITIONS OF SALE AND WARRANTY.

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
Abies spp.	Fir species** (Balsam, Frasier, Noble, etc.)	Hedera helix
Abelia grandflora	Abelia: Sherwood	Hellanthemu Hemerocalli
Acer palmatum A. Platanoides	Japanese Maple Norway Maple	Hibiscus
Achillea spp.	Yarrow: King Edward	Hibiscus sp
Actinidia chinensis	Kiwi*	Hibiscus ros
Agapanthus africanus	Lily-of-the-Nile (African Lily)	Hosta planta
Agapanthus orientalis Akebia quintata	Five-leaf or Chocolate Vine	H. Sieboldia Houttuynia
Allium cemuum	Lady's Leek, Nodding Onion	Hydrangea
Anemone hybrida	Japanese Anenome	llex Bernyi
Aquilegia spp.	Aquilegia: Red and Gold	llex cornuta
Arctostaphylos densiflora Arctotheca calendula		I. crenata
Artemesia spp.	Cape Weed Wormwood; Silver Mound, Castle	I. opaca I. vomitoria
Aster spp.	Aster: Bonnie Blue, Purple Dome	Inula ensifol
Aster X Frikartii		Iris ensata
Athrium Filiz-femina	Lady Fern; Fern Lady	Iris siberica
Aucuba japonica Begonia spp.	Japanese Aucuba Fibrous Begonia: Hardy Grandis	Iris spp. Jasminium i
Berberis gladwynensis	Barberry	Juniperus ch
B. Julianae	Wintergreen Barberry	J. conferta
B. mentorensis	Mentor Barberry	J. davurica
B. Thunbergii	Japanese Barberry	J. horizontal
B. Verruculosa Bergenia cordifolia	Warty Barberry	Juglans spp Justicia brar
Boltonia asteroides	Snowbank	Lagerstromi
Buddleia davidii	Butterfly-Bush (Dwarf Blue); Royal Red	Lagerstromi
Buxus microphylla	Japanese Boxwood	Lantana mo
Callistemon viminalis	Weeping Bottlebrush	Lavender sp
Calluna vulgaris Campanula carpatica	Scotch Heather Tussock Bellflower, (White Clips)	Leonopodiu Ligustrum a
Campis X Tagliabuana	Trumpet Flower, Madame Galen	Ligustrum si
Carpobrotus edulis	Hottentot Fig (Ice Plant)	L. japonicun
Cassia artemisoides	Feathery Cassia	L. lucidum
Ceanothus rigidus Ceratostigma plumbagor	Wild Lilac	Lilium spp. Liriope mus
Chamaecyparis pisifera	False Cypress	Liriope mus
Cleyera japonica	Cleyera	Liriope spica
Citrus spp.	Citrus species*	Lobelia Car
Coreopsis spp. Co Cornus florida	preopsis (Calliopsis) Early Sunrise, Moonbeam	Lonicera jap
C. Stolonifera	Flowering Dogwood American Dogwood	L. tatarica Lorapetalun
Cortaderia selloana	Pampas Grass	Lythrum spp
Cotoneaster apiculatus	Cranberry Cotoneaster	Magnolia sp
C. buxifolius	Cotoneaster	Maleophora Malua app
C. dammeri C. Microphyllus	Bearberry Cotoneaster Rockspray Cotoneaster	Malus spp. Miscanthus
Cretaegus spp.	Hawthorne	Nandina do
Crocosmia spp.	Lucifer	Narcissus s
Cupressus sempervirens		Nerium olea
Delosperma alba Delosperma spp.	White Trailing Ice Plant Cooperi Pink	Olea europa Ophiopogor
Delphinium spp.	Larkspur: Blue Elf	Omanthus h
Dianthus deltoides	Dianthus: Maiden Pinks "Zing"	Osteosperm
D. gratianopolitanus	Cheddar Pink	Oxydendrur
Dodonea viscosa	Hop Bush Coneflower, Purple; Magnus	Paeonia suf Pennisetum
Echinacea purpurea Elaeagnus pungens	Silverberry	Perovskia a
Euonymus fortunei	Wintercreeper	Persea ame
E. japonica	Evergreen Euonymus	Photinia Fra
E. kiautschovica	Spreading Euonymus	Physotegia
Fatsia japonica Forsythia intermedia	Japanese Aralia Border Forsythia	Picea spp. Pieris japon
Forsythia suspensa	Weeping Forsythia	Pinus brutia
F. viridissima	Greenstem Forsythia	P. canariens
Gaillardia spp.	Gaillardia, Blanket Flower: "Goblin"	P. Elliottii
Gardenia jasminoides	Gardenia, Cape-Jasmine	P. halepensi
Gaura spp. Gentiana dahurica	Gentian	P. nigra P. palustrus
Geranium cinereum	Cranesbill	P. radiata
Gladiolus spp.	Gladiolus species**	P. strobus
Gypsophilia repens	Baby's Breath	P. sylvestris
		1

IFIC NAME	COMMON NAME	
helix emum spp. callis spp.	English Ivy Sunrose Daylily: Aztec Gold, Stella de Oro, Tender Love	
spp.	Rose of Sharon** Mallow: Disco Belle White	
rosa-sinensi antaginea oldiana	s Chinese Hibiscus Hosta, Plantain Lily (Fragrant) Hosta, "Seersucker"	
nia cordata va ea macrophy	lla Bigleaf Hydrangea	
nyi uta ta	Holly Chinese Holly Japanese Holly American Holly	
oria sifolia	Yaupon Holly, Schillings	
ta ica	Sword-Leaved Iris; Jodlesong Siberian Iris; Cabernet Iris species**	
um nudiflorum s chinensis ta ca	n Winter Jasmine Chinese Juniper; Nick's Compact, Parsonnii Shore Juniper; Blue Pacific Parsoni	
ntalis spp. brandegeana	Creeping Juniper Walnut* Shrimp Plant	
omia indica omia indica X montevidens	Crape Myrtle Crape Myrtle; Tuscarora	
er spp. odium alpinun	Lavender; Munstead Edelweiss	
m amurense m sinense cum	Amur Privet Chinese Privet; Variegata Japanese Privet	
m p.	Glossy Privet (Waxleaf) Lily; Jazz	
nuscari nuscari var. v	Big Blue Lily, Silver Mound, Evergreen Giant ariegata Liriope, Variegated	
picata Cardinalis	Liriope, Creeping Cardinal Flower, Indian Pink	
i japonica :a alum chinense	Japanese Honeysuckle Tatarian Honeysuckle e Burgundy	
spp. a spp.	Loosestrife; Modern Pink Magnolia species**	
ora luteola	Ice Plant Crabapple*	
nus sinensis domestica is spp.	Yaku Jima, Silberfeder Heavenly Bamboo Narcissus species**	
oleander opaea Igon japonicu	Oleander Olive* s Mondo Grass	
ermum frutico drum arboretu	us Osmanthus (False Holly); Gulf Tide osum Trailing African Daisy	
suffruticosa tum setaceun	Tree Peony ni Fountain Grass (Dwarf)	
ia atriplicifolia americana Fraseri	Avocado* Frasier's Photinia (Redtip)	
gia Virginiana p. ponica		
utia iensis	Calabrian Pine Canary Island Pine	
i ensis	Slash Pine Aleppo Pine Austrian Pine	
rus a	Longleaf Pine Monterey Pine	
is stris	Eastern White Pine Scotch Pine	

SCIENTIFIC NAME	COMMON NAME
P, taeda	Loblolly Pine
P. Thunbergiana	Japanese Black Pine
P. Virginiana	Virginia Pine
Pistachio spp.	Pistachio*
Pittosporum rhombifoli	
P. tobira	Japanese Pittosporum
Podocarpus macrophy Prunus laurocerasus	llus Japanese Yew English Laurel
Prunus spp.	Almond, Apricot, Nectarine, Peach, Plum and
De sud stanne as series i	Prune*
Pseudotsuga menziesi Pyracantha coccinea	i Douglas Fir** Firethorn (Scarlet)
P. fortuneana	Firethorn
P. koidzumii	Firethorn
Pyrus spp.	Bradford Pear spp.
Quercus Shumardii	Oak, Shumard's Red
Quercus spp.	Oak species
Raphiolepsis indica	Indian Hawthorne
Raphiolepsis umbellata	
Rhododendron	'Coral Bells,' ' Formosa,' ' Hino-crimson,' ' PJM'
(including Azalea)	'Delaware Valley White', 'Roseum Elegans,'
	'Flame Creeper', 'Girard Crimson', 'Wakeiebisu 'White Gumbo', 'George L. Tabor'
Rosa banksiae	Lady Bank's Rose
Rosmarinus officinalis	Rosemary*
Rudbeckia spp.	Black-Eyed Susan; Goldsturm
Santolina virens	Santolina
Saxifraga spp.	Saxifrage; Purple Dome
Scabiosa spp.	Pincushion Flower
Sedum album	Stonecrop
Sedum cauticola	Stonecrop; Lidakense
Sedum dasyphyllum	Stonecrop
Sedum spurium Spiraea bumalda	Stonecrop; Dragon's Blood Spirea; Anthony Waterer
Syzygium paniculatum	Australian Brushcherry
Taxus cuspidata	Japanese Yew
T. media	Yew
Teucrium spp.	Germander
Thalictrum diptercarpu	
Thuja occidentalis	American Arborvitae
Trachelospermum asia	
Tsuga canadensis Tulipa spp.	Canada Hemlock
Veronica spp.	Tulip species Veronica, Speedwell; Sunny Border
Viburnum japonicum	Japanese Viburnum
V. odoratissimum	Sweet Viburnum
V. plicatum	Japanese Snowball
V. rigidum	Canary Island Viburnum
V. suspensum	Arrowood Viburnum
V. tinus	Laurustinus
V. trilobium	Cranberry Bush
V. wrightii Vinca major	Leatherleaf Viburnum
Vinca major Vinca Minor	Greater Periwinkle, Vinca Common Periwinkle, Vinca
Vitis spp.	Grape*
Weigela florida	Old Fashioned Weigela
Yucca aloifolia	Spanish Bayonet, Yucca
Y. filametosa	Adam's Needle, Yucca

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