



18-0-4 25% XCU[®]

with 0.42% Prodiamine Herbicide

Professional turf fertilizer with Prodiamine herbicide
PremiumTurf Grade (SGN 200)

Product Features

- Professional lawn care fertilizer with Prodiamine preemergent herbicide.
- This product contains 0.21 lb of the active ingredient Prodiamine per 50 lb bag.
- For pre-emergence control of grass and broadleaf weeds in lawns and ornamental turf (excluding golf course putting greens). Landscape ornamentals established perennials and wild flower plantings. Stops many weed grasses before they grow. Prevent crabgrass, annual bluegrass, foxtail.
- 25% of the nitrogen is derived from XCU[®] polymer-coated, sulphur-coated urea. XCU[®] slow-release nitrogen provides extended feeding.
- Phosphorus free.

Turf Benefits

- XCU[®] slow-release fertilizer uses breakthrough technology to provide a unique coating that allows gradual and consistent nutrient release delivering up to 8 weeks of continuous feeding.

Product Characteristics

Product Code:	P000455
Product Type:	Professional Turf Fertilizer with Prodiamine Herbicide
Particle Size:	Premium SGN 200
Net Weight:	50 lb
Bulk Density:	70 lb/ft ³
Coverage:	12,195 ft ² @ 4.1 lb/M

Guaranteed Analysis

		%
Total Nitrogen	(N)	18.0
18.0% Urea Nitrogen*		
Soluble Potash	(K ₂ O)	4.0
Chlorine not more than	(Cl)	2.9

Derived from: Urea, Polymer-coated, sulfur-coated urea and Muriate of potash.

*4.2% Slow release nitrogen from polymer-coated, sulfur-coated urea.

Active Ingredient: 0.42% Prodiamine



XCU[®] is registered trademark of Koch Fertilizer, LLC..

For more information, contact Nutrite at:

1-800-265-8865

www.nutrite.com

Nutrite Professional Turf Fertilizer with 0.42% Prodiamine Herbicide



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)

18-0-4 with XCU®	
GUARANTEED ANALYSIS	
Total Nitrogen (N).....	18.0%
Soluble Potash (K ₂ O).....	4.0%
Chlorine (Cl) not more than.....	2.9%
*4.2% Slowly available nitrogen from polymer-coated, sulfur-coated urea.	
Premium Turf Grade, SGN 200	

ACTIVE INGREDIENT:	
Prodiamine, [N ⁺ , N ⁻ , Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine].....	0.42%
INERT INGREDIENTS	99.58%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 53883-287-87245
EPA EST. NO. 87245-CAN-001 (C)
EPA EST. NO. 089135-AZ-001 (A)
EPA EST. NO. 90561-NC-001 (N)
*Number in parentheses used is first letter of lot number
* If lot begins "C", Made in Canada
* If lot begins "A" or "N", Made in USA

Product Code: P000959
Net Wt. 50 lb (22.68 kg)

MANUFACTURED, GUARANTEED AND DISTRIBUTED BY:
Ferti Technologies
560 Rêaume P.O. BOX 129
Saint-Michel, QC
Canada, J0L 2J0

READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS
Hazards to Humans & 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	• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes; then continue rinsing.
IF IN EYES:	• Call a poison control center or doctor, for treatment.
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 a physician.

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IF ON SKIN OR CLOTHING:	• Do not give anything by mouth to an unconscious person. • Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.
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. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center 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. 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 lawn or garden will help to prevent runoff to water bodies or drainage systems.

DIRECTIONS FOR USE
This is a violation of Federal Law to use this product in a manner inconsistent with its label.
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 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.

When used in accordance with this label this product will provide control of the following weeds:
Barnyardgrass, Bluegrass, Annual (*Poa annua*), Carpetweed, Chickweed, common, Chickweed, mouse ear (from seed), Crabgrass (large, smooth), Crowfootgrass, Cyngrass, Woolly, Foxalis, Annual, Goosegrass, Henbit, Itchgrass, Johnsgrass, Panicum (Texas), Fall, Browntop, Pigweed, Purslane, common, Pusley, Florida, Purslanegrass*, Shepherd's Purse*, Signatgrass, Brodiaea*, Spewaway, Persian, Springcress, Spurge, Prostrate, Witgrass, Woodsonnet, Yellow (from seed).
*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) [or 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) [or equal to 3.6 to 5.9 lbs./1000 sq. ft. of this product] followed after 60 to 90 days by a second application of 0.65 lb. to 1.0 lb. a.i. per acre (equal to 155 lbs. to 238 lbs./A of this product). Do not exceed the maximum rate for turf grass species listed in the Maximum Annual Rates Table above.

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



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 or damage desirable turf grasses if applied at the wrong time. Do not apply to overseeded turf within 60 days after seeding. Do not apply to turf that has been overseeded or reseeded. (2) Do not apply to turf that has been treated with a fungicide. (3) If the product is applied to turf that has been treated with a fungicide, the fungicide may be less effective. (4) Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year. (5) Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. (6) Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. (7) 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:

Turf Species:	Maximum Application Rate/Calendar Year of turf fertilizer by turf grass species ⁽¹⁾	Lbs. Product/A [or] 1000 sq. ft.	Lbs. a.i/A
Creeping Bentgrass	155	3.6	0.65
Cyngrass	179	4.1	0.75
Buffalo grass			
Kentucky Bluegrass	238	5.5	1.0
Perennial Ryegrass			
Bermudagrass ⁽²⁾			
Bahia grass			
Centipedegrass	357	8.2	1.5
Seashore Paspalum			
St. Augustine grass			
Tall Fescue (including turf-type)			
Zoysia			

⁽¹⁾ These are the maximum rates per calendar year by species limitations. May 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) [or equal to 2.7 lbs./1000 sq. ft. of this product]. May be used on newly sprigged or plugged Centipedegrass and Paspalum at rates not to exceed 0.5 lb. a.i./acre (equal to 119 lbs./A of this product) [or equal to 2.7 lbs./1000 sq. ft. of this product].
⁽²⁾ Only sprigged or plugged Bermudagrass and Paspalum may be temporarily product used in spring situations.
Do not apply more than 1.5 lbs. a.i. per calendar year per acre (equal to 357 lbs./A of product) [or 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.

WHEN TO APPLY AFTER OVERSEEDING TURF
Do not apply after May 30, or after 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.

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 over seeding/reseeding results:

Lbs Product/Acre	Bs Product/1000 sq. ft.	Months Before Overseeding			
		North	Transition	South	South
119	2.7	4	4	4	4
155	3.6	5	5	4	4
179	4.1	6	5	5	5
190	4.4	6	6	6	6
238	5.5	7	7	7	7
271	6.2	7	7	7	7
310	7.1	8	8	8	8
357	8.2	8	8	8	8

Granular Spreader Settings:^{2,3}

Make and Models	4.1 lb./1,000 sq. ft. (0.75 lb. a.i/A) (Treats 12,195 sq. ft.)	5.5 lb./1,000 sq. ft. (1.0 lb. a.i/A) (Treats 9,090 sq. ft.)
Scotts R-8A	J	K
Accuproc 2000	J	K
Frizelawm BF-1 / CBR IV	J	J
Lesco	D/10	E 1/3 /13
Earthway Rotary Cyclone/Spraker	11.5	13.5
	4	4.25
		4.75

² Assume 3/16" walk behind spreader.
³ It is recommended that you calibrate your spreader before application since manufacturer settings can vary among the same model of spreader. Calibrate individual spreaders and make adjustments to the specific product that is to be applied. Do not apply more than 1.5 lbs. a.i./A per year.

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 8.2 lbs. of this product per 1,000 sq. ft. of ornamental plantings; therefore 20 lbs of 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/graffs have taken to avoid any inhibition of the tissue union.

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 interfere with 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.

STORAGE AND DISPOSAL
Storage: Store in the original container in a dry, cool, secured area. Do not store near foodstuffs, feed, or used or discarded containers.
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 DISPOSAL: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application bag in a sanitary landfill or by incineration, 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.

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