



Stonewall® 0.43% Plus Fertilizer ::OPTI



PRODIAMINE	GROUP	3	HERBICIDE
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Read entire label before using this product. Use only according to label instructions.

NOTICE: Before using this product, read the Directions for Use, Storage and Disposal Instructions, and Warranty Statements. If the Warranty statements are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

Contains LESCO® Poly Plus® OPTI™ Polymer Coated Urea to provide a uniform growth with extended nitrogen feeding.

Contains LESCO® NOS™ (Nitrogen Optimizing System) for maximized nitrogen use efficiency and extended greening.

ACTIVE INGREDIENT:
Prodiamine: (N3, N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine).....0.43%

INERT INGREDIENTS:.....99.57%

Total:100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See the following sections Precautionary Statements, Hazards to Humans and Domestic Animals, for additional information.

FIRST AID	
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 by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
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.• 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 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.
HOTLINE 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 Chem-Trec at 1-800-424-9300 for emergency medical treatment information.	

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 frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

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.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

WEED RESISTANCE MANAGEMENT

For resistance management, this product contains Group 3 herbicides. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural, biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.

Contact your local sales representative, or extension agent to find out if suspected resistant weeds to this product have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions.

- DIRECTIONS 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 pre-emergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns; landscape oramentals; and established perennials & wildflower plantings. This product controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application.
 - Not for use on plants being grown (1) for 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 this product through any type of irrigation system.
 - Do not apply aerially.
 - Do not apply to golf course putting greens.

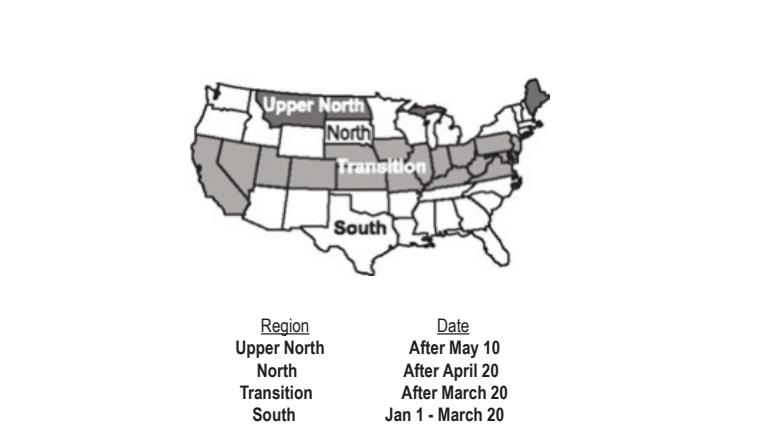
- USE PRECAUTIONS**
- The following use precautions apply to the use of this product in turf grasses and lawns:
- Application of this product may thin emerged annual bluegrass and newly over-seeded grasses.
 - Do not apply to overseeded turf for 60 days after seeding or until after the second mowing, which ever 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 cut treated sod before 120 days after application. Do not apply to newly set sod until the following year.
 - Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.
 - Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.
 - Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species
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APPLICATION DIRECTIONS

Apply uniformly through suitable, calibrated commercial application equipment.

ESTABLISHED TURF

This product is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turf grass 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 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the information below for approximate crabgrass seed germination dates.



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 recommended for use on the turf grass species listed below. Do not exceed the maximum yearly rate:		
Maximum Application Rate per Calendar Year¹		
Turf Species	lb LESCO Stonewall 0.43% Plus Fertilizer / acre	lb AI per Acre
Bermudagrass² Bahia grass Centipedegrass Seashore Paspalum St. Augustinegrass³ Tall Fescue (including turf-type) Zoysia	349 lb/acre (8.01 lb/1,000 sq ft)	1.5
Buffalograss Kentucky Bluegrass Perennial Ryegrass	233 lb/acre (5.34 lb/1,000 sq ft)	1.0
Creeping Red Fescue	175 lb/acre (4.02 lb/1,000 sq ft)	0.75
Creeping Bentgrass	150 lb/acre (3.44 lb/1,000 sq ft)	0.65

1. These are the maximum rates per calendar year by species limitations.
 2. May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 121 lb/Acre. 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.
 3. Use at an initial rate of 175 to 233 lb/acre per application followed by sequential applications at doses that would not exceed the maximum annual application rate of 349 lb/acre/year.
- Do not apply more than 349 lb of this product per acre per calendar year.
- Use the higher rates of this product to achieve higher levels of fertility and weed control for each turf type.

20-0-4

GUARANTEED ANALYSIS

TOTAL NITROGEN (N)20.00%

20.00% Urea Nitrogen*

SOLUBLE POTASH (K₂O).....4.00%

DERIVED FROM: Polymer Coated Urea, Urea, Muriate of Potash.

*7.00% Slowly available Urea Nitrogen from Polymer Coated Urea.

*7.00% Urea Nitrogen stabilized with Dicyandiamide.

SUGGESTED SPREADER SETTINGS*				
Recommended Rates in lb per 1,000 sq ft**				
Spreader	3.44 lb	4.02 lb	5.34 lb	8.01 lb
LESCO – All Rotary Models	#14	#15	#17	#21
PermaGreen	14	15	17	21
Cyclone®/ Spyker® /Z-Spray	4	4½	4¾	5¼
Vicon (LESCO Pendulum)	22	28	32	40

*IMPORTANT: These settings are only approximate. Age, condition of the spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application.

** In Maryland: Application rate for Enhanced Efficiency Fertilizers (EEF) depends on turf species. Apply this product at no more than 80% of the annual **nitrogen** total recommended by the University of Maryland.

APPLICATION TIMING AND INFORMATION

This product may be applied to newly transplanted and 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 this product in the soil. This product may be applied at any time to established plants. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply this product 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 this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand-weeding, cultivation, or the use of an appropriate post-emergence herbicide.

WEEDS CONTROLLED			
When used in accordance with this label, this product will provide control of the following weeds:			
Barnyardgrass	Goosegrass¹	Lovegrass	Speedwell
Bluegrass, Annual (Poa annua)	Henbit	Panicum (Texas, Fall, BrownTop)	Sprangletop
Carpetweed	Itchgrass	Pigweed	Spurge, Prostrate
Chickweed, Common, Mouseear	Johnsongrass (from seed)	Purslane, Common	Witchgrass
Crabgrass (large, smooth)	Junglerice	Pusley, Florida	Woodsorrel, Yellow (from seed)
Crowfoot grass	Knotweed	Rescuegrass²	
Cupgrass, Woolly	Kochia	Shepherd's Purse³	
Foxtails, Annual	Lambsquarter, Common	Signalgrass, Broadleaf	

1. In many areas a single application of 150 to 349 lb/acre of this product will control the above listed weeds and goesgrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control can be obtained by making an initial application of 150 to 233 lb/acre 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. 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 weed seeds.
3. Applications for this weed should be made in late summer, fall or winter prior to germination.

WHEN TO APPLY AFTER OVERSEEDING

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 table below for best overseeding/reseeding results.

LESCO Stonewall 0.43% Plus Fertilizer Rate (lb/Acre)		Interval Before Overseeding		
Product	AI	North	Transition	South
116 lb/acre	0.50 lb/acre	4 months	4 months	4 months
150 lb/acre	0.66 lb/acre	5 months	4 months	4 months
175 lb/acre	0.74 lb/acre	6 months	5 months	5 months
185 lb/acre	0.80 lb/acre	-	6 months	6 months
233 lb/acre	1.00 lb/acre	-	7 months	7 months
265 lb/acre	1.14 lb/acre	-	-	9 months
302 lb/acre	1.30 lb/acre	-	-	10 months

Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn: RA Dept., 1385 East 36th Street, Cleveland, Ohio 44114-4114, referring to the item number found on this bag.

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

Poly Plus® OPTI™ is comprised of Polymer Coated Urea. LESCO, NOS, and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Inc. Cyclone and Spyker are registered trademarks of Spyker Spreaders, LLC

OPTI™ is a registered trademark of Turf Care Supply Corp.

N:\Regulatory\WP\Regul Private\MstrLbl_ERIEVIEW ADDRESS\Landscape Style Master Lbls (072920) Rev 1/8/25 VT

Net Weight: 50 lb (22.7 kg) SGN 240

EPA REG. NO. 10404-89

EPA EST. NO. 961-PA-01 (L), 961-IL-01 (D), 8378-IN-1 (K), 9404-FL-1 (C), 59144-GA-1 (A), 32802-MO-1 (B), 61842-CA-1 (T), 37351-CO-1 (E), 69759-OR-002, 82757-OH-001 (M), 82757-FL-001 (S), 82757-MA-002 (H), 89135-AZ-001 (A), 90561-NC-001 (N), 57131-WI-1-EC, 93243-CT-1, 92626-TN-1, 93243-TX-1, 100918-TX-1.

First letter of lot code indicates manufacturing site.

F1560
Manufactured for: **LESCO, Inc.**
1385 East 36th Street
Cleveland, OH 44114-4114

#702855 PPO



STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

PESTICIDE STORAGE: Store this product only in its original container in a dry, cool, secured storage area out of reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, State or local procedures. Or call 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONTAINER DISPOSAL: Nonrefillable 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.

SPILL: In case of spill, sweep up and use according to directions or dispose of according to "Pesticide Disposal" directions listed above.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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Page 2