Stonewall® 0.37% Plus Fertilizer

For selective preemergence control of grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns and landscape ornamentals (including established perennials and wildflower plantings).
20 pounds treats up to 5,400 sq. ft.

ACTIVE INGREDIENT:

Prodiamine: (N^3, N^3-Di-*n*-propyl-2,4-dinitro-6-(trifluoromethyl)-*m*-phenylenediamine.....0.37%

INERT INGREDIENTS:.....99.63%

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 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 in eyes	• 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.
HOT LINE NUMBER	
Have this 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 advice.	

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. 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. Wear long-sleeved shirt and long pants, socks, shoes and gloves.

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.

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 DISPOSAL: 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 emptly bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 ornamentals;
- Established perennials and 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 inches of rainfall, irrigation, or shallow (1-2 inches) incorporation, 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 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.

USE PRECAUTIONS

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 over-seeded 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.

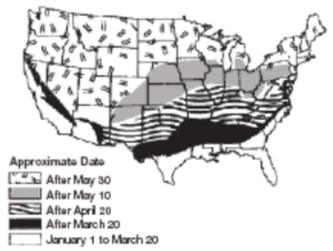
APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated 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 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



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 in the following table. Do not exceed the maximum yearly rate as given in the following table:

Maximum Application Rate/Calendar Year of Product by Turf Grass Species[1]

Turf Species	lbs LESCO Stonewall 0.37% Plus Fertilizer / Acre	lbs product/1,000 sq. ft.	lbs AI/Acre
Creeping Bentgrass	176	4.0	0.65
Creeping Red Fescue	203	4.7	0.75
Buffalograss Kentucky Bluegrass Perennial Ryegrass	270	6.2	1.0
Bermudagrass[2] Bahiagrass Centipedegrass Seashore Paspalum St. Augustinegrass Tall Fescue (including turf-type) Zoysia	405	9.3	1.5

[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 0.5 lb a.i./acre (equal to 135 lbs./A 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 calender year per acre (equal to 405 lbs./A 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.

15-0-3

GUARANTEED ANALYSIS

TOTAL NITROGEN (N) 15.00%
15.00% Urea Nitrogen*
SOLUBLE POTASH (K_2O).....3.00%

DERIVED FROM: Muriate of Potash, Urea.

*10.50% Urea Nitrogen Stabilized with (N-(n-butyl) thiophosphoric triamide).

Powered by U-Plus™ - Basic Nutrition™

SPREADER SETTINGS

Spreader settings vary by make and model of spreader. It is recommended that individual spreaders are calibrated for the specific product that is to be applied. Information on spreader make and model and suggested settings will be available at time of label printing. A walking speed of 3 miles per hour is recommended.

	Application Rates[1] a.i. lbs./A (Product lbs./1000 sq ft)			
Spreader Model	0.5 (3.1)	0.75 (4.7)	1.0 (6.2)	1.5 (9.3)
LESCO - All Rotary Models	#13	#16	#18	#24
Permagreen	13	16	18	24
Cyclone® or Spyker® Z-Spray	3½	4½	4¾	5¼
Vicon (LESCO Pendulum)	20	30	33	36

[1] Application Rates for example only - do not exceed the maximum annual application rate of 1.5 lb a.i./acre. (9.3 lb product/1,000 sq. ft.)

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 4.0 to 9.3 lbs. of this product per 1,000 sp. ft. of ornamental plantings; therefore 20 lbs of this product will treat 2,150 to 5,000 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.
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	Scientific Name	Common Name
Abies spp.	Fir	*Ligustrum amurense*	Amur Privet
Abelia grandiflora	Abelia; Sherwood	*Ligustrum japonicum*	Japanese Privet
Acer palmatum	Japanese Maple	*Ligustrum lucidum*	Glossy Privet (Wax-Leaf)
Acer. platanoides	Norway Maple	*Liriope muscari*	Liriope (Big Blue, Lily Turf, Silver Mound, Evergreen Giant)
Achillea sp.	Yarrow (King Edward)	*Lonicera japonica*	Japanese Honeysuckle
Agapanthus africanus	Lily-of-the-Nile; African Lily	*Lonicera tatarica*	Tatarian Honeysuckle
Arctotheca calendula	Cape Weed	*Maleophora luteola*	Ice Plant
Aucuba japonica	Japanese Aucuba	*Malus spp.**	Crabapple*
Berberis gladwynensis	Barberry	*Nandina domestica*	Heavenly Bamboo
Berberis julianae	Wintergreen Barberry	*Nerium Oleander**	Oleander
Berberis thunbergii	Japanese Barberry	*Olea europaea**	Olive*
Berberis verriculosa	Warty Barberry	*Ophiopogon japonicus***	Mondo Grass**
Buxus microphylla	Japanese Boxwood	*Osteospermum fruticosum*	Trailing African Daisy
Callistemon viminalis	Weeping Bottlebrush	*Oxydendron luteum*	Sourwood
Calluna vulgaris	Scotch Heather	*Persea Americana**	Avocado*
Carpobrotus edulis	Hottentot Fig; Ice Plant	*Photinia fraseri*	Frasier's Photinia; Redtip
Cassia artemisoides	Feathery Cassia	*Picea spp.***	Spruce species** (Colorado Blue, Norway, etc.)
Ceanothus rigidus	Wild Lilac	*Pieris japonica*	Lily-of-the-Valley Shrub
Chamaecyparis pisifera	False Cypress	*Pinus brutia*	Calabrian Pine
Cleyera japonica	Cleyera	*Pinus canariensis*	Canary Island Pine
Coreopsis spp.	Coreopsis; calliopsis (Early Sunrise, Moonbeam)	*Pinus elliottii*	Slash Pine
Cornus florida	Flowering Dogwood	*Pinus halepensis*	Aleppo Pine
Cornus stolonifera	American Dogwood	*Pinus nigra*	Austrian Black Pine
Cortaderia selloana	Pampas Grass	*Pinus radiata*	Monterey Pine
Cotoneaster apiculatus	Cranberry Cotoneaster	*Pinus palustrus*	Longleaf Pine
Cotoneaster buxifolius	Cotoneaster	*Pinus strobus*	Eastern White Pine
Cotoneaster dammeri	Bearberry Cotoneaster	*Pinus sylvestris*	Scotch Pine
Cotoneaster microphyllus	Rockspray Cotoneaster	*Pinus taeda*	Loblolly Pine
Crataegus spp.	Hawthorne	*Pinus thunbergiana*	Japanese Black Pine
Cupressus sempervirens	Italian Cypress	*Pistacia spp.**	Pistachio*
Delosperma alba	White Trailing Ice Plant	*Pittosporum rhombifolium*	Queensland Pittosporum
Dodonea viscosa	Hop Bush	*Pittosporum tobira*	Japanese Pittosporum
Elaeagnus pungens	Silverberry	*Podocarpus macrophyllus*	Japanese Yew
Euonymus fortunei	Wintercreeper	*Prunus laurocerasus*	English Laurel
Euonymus japonica	Japanese spindle tree; Evergreen Euonymus	*Prunus spp.**	Almond, Apricot, Nectarine, Peach, Plum, and Prune*
Euonymus kiautschovica	Spreading Euonymus	*Pseudotsuga menziesii***	Douglas Fir**
Fatsia japonica	Japanese Aralia	*Pyracantha coccinea*	Firethorn, scarlet
Forsythia intermedia	Border Forsythia	*Pyracantha fortuneana*	Firethorn
Forsythia viridissima	Greenstem Forsythia	*Pyracantha koidzumii*	Firethorn
Gardenia jasminoides	Gardenia, Cape-Jasmine	*Pyrus spp.*	Bradford Pear
Ilex crentata	Japanese Holly	*Quercus rubra*	Red Oak
Ilex opaca	American Holly	*Raphiolepis indica*	Indian Hawthorne
Jasminium nudiflorum	Winter Jasmine	Rhododendron (including Azalea)	Rhododendron & Azalea (Coral Bells, Delaware valley white, Flame creeper, George L. Tabor, PJM, Roseum Elegans, Formosa, Hinocrimson, Wakaebisu, Gumpo)
*Juglans sp.**	Walnut*	*Rosa banksiae*	Lady Bank's Rose
Juniperus chinensis	Chinese Juniper (Nick's Compact)	*Rosmarinus officinalis**	Rosemary*
Juniperus conferta	Shore Juniper (Blue Pacific)	*Rudbeckia, spp.*	Black-eyed Susan
Juniperus horizontalis	Creeping Juniper	*Sedum album*	Stonecrop
Justicia brandegeana	Shrimp Plant	*Syzygium paniculatum*	Japanese Boxcherry
Lagerstroemia indica	Crape Myrtle	*Taxus cuspidata*	Japanese Yew
Thuja occidentalis	American Arborvitae	*Viburnum trilobium*	Cranberry Bush
Trachelospermum asiatum	Star Jasmine	*Viburnum wrightii*	Leatherleaf Viburnum
Tsuga canadensis	Canada Hemlock	*Vinca minor*	Common Periwinkle
Viburnum japonicum	Japanese Viburnum	*Vitis spp.**	Grape*
Viburnum odoratissimum	Sweet Viburnum	*Weigela florida*	Old Fashioned Weigela
Viburnum plicatum	Japanese Snowball	*Yucca aloifolia*	Spanish Bayonet
Viburnum rigidum	Canary Island Viburnum	*Yucca filamentosa*	Yucca, Adam's Needle
Viburnum tinus	Laurustinus		

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

WEEDS CONTROLLED

When used in accordance with this label, this product will provide control of the following weeds:

Barnyardgrass	Goosegrass[1]	Panicum (Texas, Fall, Browntop)	Spurge, Prostrate
Bluegrass, Annual (*Poa annua*)	Henbit	Pigweed	Witchgrass
Carpetweed	Itchgrass	Purslane, Common	Woodsorrel,Yellow (from seed)
Chickweed, Common	Johnsongrass, (from seed)	Pusley, Florida	
Chickweed, Mouse ear (from seed)	Junglerice	Rescuegrass[3]	
Crabgrass (large, smooth)	Knotweed	Shepherd's Purse[2]	
Crowfoot grass	Kochia	Signalgrass, Broadleaf	
Cupgrass, Woolly	Lambsquarter, Common	Speedwell, Persian	
Foxtails, Annual	Lovegrass	Sprangletop	

[1].In many areas a single application of 0.65 lb. to 1.5 lb. active ingredient per acre (equal to 176 lbs. to 405 lbs./A 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 176 lbs. to 270 lbs./A 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.

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 table below for best overseeding/reseeding results.

LESCO Stonewall 0.37% Plus Fertilizer Rate (lb/A)	Lbs. product/1,000 sq. ft.	"Lbs a.i./A"	Months Before Overseeding		
			North	Transition	South
135	3.1	.50	4	4	4
176	4.0	.65	5	4	4
203	4.7	.75	6	5	5
216	5.0	.80	-	6	6
270	6.2	1.00	-	7	7
308	7.1	1.14	-	-	9
351	8.1	1.30	-	-	10
405	9.3	1.50	-	-	12

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. The Directions for Use of this product must be followed carefully and completely. It is impossible to eliminate all risks inherently associated with the use of this product. To the extent consistent with applicable law, Buyer and/or User assume all risks of ineffectiveness or other unintended consequences or damages that may result from conditions outside or beyond the control of LESCO, Inc. including but not limited to, such factors as manner of use or application, weather or weather conditions outside the range considered normal at the application site or for the time period in which the product is applied, the presence of other materials, incompatible products, or other influencing factors which are beyond the control of LESCO, Inc.. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and/or User, and Buyer and/or User agrees to hold LESCO, Inc. harmless for any claims relating to such factors. LESCO, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with the Directions for Use under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of LESCO, Inc. and Buyer and/or User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LESCO, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER AND/OR USER AND THE EXCLUSIVE LIABILITY OF LESCO, INC. FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHER WISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LESCO, INC. REPLACEMENT OF THE PRODUCT, OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL LESCO, Inc., BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. LESCO, Inc. offers this product, and Buyer and/or User accepts it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of LESCO, Inc.

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.

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Net Weight: 50 lb 22.7 kg) **SGN 240**
EPA REG. NO. 10404-114
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), 82757-OH-001 (M), 82757-FL-001 (S), 82757-MA-002 (H)

First letter of lot code indicates manufacturing site. **#702388**

Distributed by: **LESCO, Inc.**
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