



Country Club®

FERTILIZER WITH **Barricade® 0.43%** **PREEMERGENCE WEED CONTROL**

15-0-10



MESA

PATENTED
GUARANTEED ANALYSIS

Total Nitrogen (N)	15%
1.4% Ammoniacal Nitrogen	
1.8% Water Insoluble Nitrogen*	
8.5% Urea Nitrogen	
3.3% Other Water Soluble Nitrogen*	
Soluble Potash (K₂O)	10%
Sulfur (S)	4.8%
4.8% Combined Sulfur (S)	
Iron (Fe)	1.0%
0.1% Water Soluble Iron (Fe)	

Derived From: Ammonium Sulfate, Methylene Ureas, Urea, Muriate of Potash, Ferric Oxide, Ferrous Sulfate.

***5.1% Slowly available Nitrogen from Methylene Urea.**
Chlorine (Cl) not more than **2.0%**

SUGGESTED SPREADER SETTINGS			
Spreader	5.3#/1,000 sq. ft.	Spreader	5.3#/1,000 sq. ft.
LebanonTurf	4½	Lesco (letter/Numeric)	I/17
Andersons AccuPro	K	PennMulch HVO	L
Earthway Rotary	15	ProScape SS	L
Gandy	26	Spyker	4½
Lely	5 II	Vicon (all models)	28

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation and evenness of terrain may require slightly different settings for desired coverage.

ProScape, MESA, Lebanon Turf and PennMulch are registered trademarks of Lebanon Seaboard Corporation.

Notice: This product contains the secondary nutrient iron. Iron may stain concrete surfaces and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.

NOTE: Supplemental applications of lawn fertilizer are needed to achieve a minimum 1 lb. Nitrogen per 1,000 sq. ft.

Information regarding the contents and levels of metals in this product is available on the Internet at:
<http://www.regulatory-info-lebsea.com>

ACTIVE INGREDIENT:	
Prodiamine:	0.43%
OTHER INGREDIENTS:.....	
TOTAL.....	100.00%

EPA Reg. No. 961-362
Barricade® is a Registered Trademark of a Syngenta Group Company.

(L) (D)
EPA Est. No. 961-PA-01:961-IL-01
Superscript used is first letter of lot number

For selective preemergence control of grass and broadleaf weeds as listed in:

- established turfgrasses (excluding golf course putting greens) and lawns
- landscape ornamentals (including established perennials & wildflower plantings)

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS. Before buying this product, read the Warranty Section elsewhere on this label. If terms are not acceptable, return the unopened container to the place of purchase at once.

KEEP OUT OF REACH OF CHILDREN CAUTION

**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.

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 the first 5 minutes, then continue rinsing eye. • 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (888) 208-1368 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. 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.

If material is spilled: Contain and sweep up material of spill for disposal or use per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

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 preemergence herbicide that provides residual control of many listed grass and broadleaf weeds in established turfgrasses (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 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 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 climactic 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.

APPLICATION DIRECTIONS

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turfgrasses and lawns. The maximum amount of this product that may be applied per year is given for each turfgrass species in the **Maximum Annual Rates** section of this label. Most effective weed control in turfgrasses 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 map below for approximate crabgrass seed germination dates.

CRABGRASS SEED GERMINATION DATES



Approximate Date

-  After May 30
-  After May 10
-  After April 20
-  After March 20
-  January 1 to March 20



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For technical assistance or more information about our products visit www.LebanonTurf.com

Manufactured by:

Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042

800-233-0628 • (717) 273-1685

Made in the U.S.A.

www.LebanonTurf.com

Net Weight 50 LBS. (22.7 kg)

USE PRECAUTIONS

The following precautions apply to the use of this product in turfgrasses 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 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 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.

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 must 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 turfgrass 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 LebanonTurf Country Club FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL by Turfgrass Species¹⁾

Turf Species:	Lbs. Product/Acre	Lbs. AI/Acre	Lbs. Product/1,000 Sq. Ft.
Bermudagrass ²⁾ , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	349	1.5	8.0
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	233	1.0	5.3
Creeping Red Fescue	175	0.75	4.0
Creeping Bentgrass	150	0.65	3.4

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 lbs./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.

• Do not apply more than 349 lbs. of this product per calendar year.

• 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**.

WEEDS CONTROLLED

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

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

¹ In many areas a single application of 150 to 349 lbs./Acre 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 150 to 233 lbs./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 turfgrass species listed in the **Maximum Annual Rate Table** above.

² Apply this product in the 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 listed 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.

Product	LebanonTurf Country Club FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL Rate (lb./A)	Months Before Overseeding			
		AI	North	Transition	South
116		.50	4	4	4
150		.66	5	4	4
175		.74	6	5	5
185		.80	---	6	6
233		1.00	---	7	7
265		1.14	---	---	9
302		1.30	---	---	10
349		1.50	---	---	12

LANDSCAPE ORNAMENTALS (including Established Perennials and Wildflower Plantings)

This product may be applied for residual preemergence weed control in ornamentals.

USE RATES

Apply this product at 150 to 349 lbs./Acre in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications are to be made so long as the total amount of product applied does not exceed the maximum annual application rate of 349 lbs./Acre.

APPLICATION TIMING AND INFORMATION

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 inches) 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 postemergence herbicide.

ESTABLISHED LANDSCAPE ORNAMENTALS

Apply this product in the fall and /or spring 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 this product in the soil.

NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

Apply this product in the fall and /or spring 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 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.

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 this 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. Apply this product 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.

Fir species** (Balsam, Fraser, Noble, etc.)	Wild Lilac <i>Ceratostigma plumbagonoides</i>	Gladiolus species** Baby's Breath	Glossy Privet (Waxleaf) Lily: Jazz	Monterey Pine Japanese Black Pine	Pincushion Flower Stoncrop (<i>thalicturm dipteroarpum</i>)
Abelia: Sherwood	False Cypress <i>Chrysanthemum nipponicum</i>	English Ivy Sunrose	Big Blue Lily; Turf; Silver Mound; Evergreen Giant	Eastern White Pine Scotch Pine	Stoncrop; Lidakense Stoncrop (<i>truchelspermum asiatum</i>)
Japanese Maple	Cleyera	Daylily: Aztec Gold, Stella De Oro, Tender Love	Liriope, Variegated Liriope, Creeping	Loblolly Pine Virginia Pine	Stoncrop; Dragon's Blood Spirea: Anthony Waterer
Norway Maple	Citrus species*	Rose of Sharon**	Cardinal Flower, Pistachio	Pistachio*	Australian Brushcherry
Yarrow: King Edward	Coreopsis (Calliopsis): Early Sunrise, Moonbeam	Mallow: Disco Belle White	Japanese Honeysuckle Tatarian Honeysuckle	Queensland Pittosporum Japanese Pittosporum	Japanese Yew Yew
Kiwi*	Flowering Dogwood American Dogwood	Chinese Hibiscus American Plantain Lily (Fragrant)	Burgundy Loosestrife; Modern Pink	Japanese Yew English Laurel	Germaner Meadow Rue
Lily-of-the-Nile (African Lily) <i>Agapanthus orientalis</i>	Pampas Grass Cranberry Cotoneaster	Hosta, "Searsucker" <i>Houttuynia cordata var. variegata</i>	Magnolia species** Ice Plant	Almond, Apricot, Nectarine, Peach, Plum and Prune*	American Arborvitae Star Jasmine
Five-Leaf or Chocolate Vine	Cotoneaster Bearberry Cotoneaster	<i>Houttuynia cordata var. variegata</i> Holly	Crabapple* Yaku Jima, Silberfeder	Douglas Fir** Firethorn (Scarlet)	Canada Hemlock Tulip species
Lady's Leek, Nodding Onion	Rockspray Cotoneaster Hawthorne	Chinese Holly Japanese Holly; Helli	Heavenly Bamboo Narcissus species**	Firethorn (<i>P. Fortuneana</i>) Firethorn (<i>P. Koidzumii</i>)	Veronica, Speedwell; Sunny Border Japanese Viburnum
Japanese Anemone	Lucifer Italian Cypress	American Holly Yaupon Holly; Schillings	Oleander Olive*	Bradford Pear sp. Oak, Shumard's Red	Sweet Viburnum Japanese Snowball
Aquilegia: Red and Gold	White Trailing Ice Plant Cooperi Pink	<i>Inula ensifolia</i> Sword-Leaved Iris; Jodlesong	Mondo Grass Osmanthus (False Holly): Gulf Tide	Oak species Indian Hawthorne	Japanese Viburnum Arrowwood Viburnum
Vine Hill Manzanita	Larkspur: Blue Elf Dianthus; Maiden Pinks "Zing"	Iris species** Winter Jasmine	Trailing African Daisy Sourwood	Yedda Hawthorn 'Coral Bells'	Laurustinus Cranberry Bush
Cape Weed	Cheddar Pink Hop Bush	Winter Jasmine Chinese Juniper; Nick's Compact, Parsonii	Tree Peony Fountain Grass (Dwarf) <i>Perovskia atriplicifolia</i>	'Delaware Valley White' 'Flame Creeper'	Canary Island Viburnum Laurustinus
Wormwood; Silver Mound, Castle	Silverberry Wintercreeper	Shore Juniper; Blue Pacific Parsoni	Avocado* Frasier's Photinia (Redtip)	'Formosa' 'Girard Crimson'	Canary Island Viburnum Arrowwood Viburnum
Aster: Bonny Blue, Purple Dome <i>Aster X Frikartii</i>	Japanese Spindle Tree (Evergreen Euonymus) Spreading Euonymus	Japanese Juniper Walnut*	Dragonhead, False; Vivid Spruce species** (Colorado Blue, Norway, etc.)	'George L. Tabor' 'Hino-crimson'	Laurustinus Cranberry Bush
Lady Fern; Fern Lady	Japanese Aralia Border Forsythia	Shrimp Plant Crape Myrtle	Lily-of-the-Valley Bush Calabrian Pine	'PJM' 'Roseum Elegans'	Japanese Viburnum Sweet Viburnum
Japanese Aucuba	Weeping Forsythia Greenstem Forsythia	Crape Myrtle; Tuscarora Weeping Lantana	Canary Island Pine Slash Pine	'White Gumbo' Lady Bank's Rose	Japanese Snowball Canary Island Viburnum
Fibrous Begonia: Hardy Grandis	Gaillardia, Blanket Flower: "Goblin" Gardenia, Cape-Jasmine, Radicans	Lavender; Munstead Edelweiss	Austrian Pine Longleaf Pine	Rosemary* Black-Eyed Susan; Goldstrum	Arrowwood Viburnum Laurustinus
Barberry	<i>Gaura sp.</i> Gentian	Chinese Privet; Variegata Amur Privet		Santolina Saxifrage; Purple Dome	Japanese Viburnum Sweet Viburnum
Wintergreen Barberry	Cranesbill	Japanese Privet			Japanese Snowball Canary Island Viburnum
Mentor Barberry					Arrowwood Viburnum Laurustinus
Japanese Barberry					Cranberry Bush Leatherleaf Viburnum
Warty Barberry					Greater Periwinkle, Vinca Common Periwinkle, Vinca Grape*
<i>Bergenia cordifolia</i>					Old Fashioned Weigela Spanish Bayonet, Yucca Adam's Needle, Yucca
Snowbank					
Butterfly-Bush (Dwarf Blue); Royal Red					
Japanese Boxwood					
Weeping Bottlebrush					
Scotch Heather					
Tussock Bellflower, (White Clips)					
Trumpet Creeper, Trumpet Flower, Madame Galen					
Hottentot Fig (Ice Plant)					
Feathery Cassia					

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

NOTE: Supplemental applications of lawn fertilizer are needed to achieve a minimum of 1 pound nitrogen per 1,000 sq. ft.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store product in its original container in a cool, dry, locked place out of the reach of children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

WARRANTY

NOTE To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.

22-29141