



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 27, 2021

John F. Wright  
Authorized Representative  
Lebanon Seaboard Corporation  
1600 East Cumberland Street  
Lebanon, PA 17042

Subject: Registration Review Label Mitigation for Prodiamine  
Product Name: LEBANON FERTILIZER WITH BARRICADE  
PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4  
EPA Registration Number: 961-365  
Application Dates: 7-10-2019  
Decision Numbers: 553138

Dear Mr. Wright:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Prodiamine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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EPA Reg. No. 961-365  
Decision No. 553138

If you have any questions about this letter, please contact DeMariah Koger by phone at 703-347-0425, or via email at [koger.demariah@epa.gov](mailto:koger.demariah@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

# LEBANON FERTILIZER WITH BARRICADE®

## PREEMERGENCE WEED CONTROL (0.38% Barricade)

### 13-0-4

[Alternate Brand Names

- Lebanon ProScape Homogenous Fertilizer with Barricade 0.38%
- Lebanon Pro Brand Fertilizer with Prodiamine 0.38% Preemergence Weed Control
- Lebanon ProScape Fertilizer with Barricade 0.38%
- Lebanon Pro Brand Fertilizer with Barricade 0.38% Preemergence Weed Control
- Lebanon Pro Fertilizer with Barricade (0.38%)
- Lebanon ProScape Homogenous Fertilizer with Barricade
- Lebanon Proscape Fertilizer With Barricade 0.38% Preemergence Weed Control
- Lebanon Proscape Fertilizer With Prodiamine 0.38% Preemergence Weed Control
- Lebanon Fertilizer with Barricade (0.38%) Preemergence Weed Control
- Lebanon Country Club Fertilizer with Barricade (0.38%)
- ISOTEK Fertilizer with Barricade .38% Preemergence Weed
- NX Pro Fertilizer with Barricade Preemergence Weed Control
- Turfgrass Fertilizer with Prodiamine 0.38% Preemergence Weed Control
- Turfgrass Fertilizer with Barricade 0.38% Preemergence Weed Control]

**ACTIVE INGREDIENT:**

Prodiamine: ..... 0.38%

**OTHER INGREDIENTS:**..... 99.62%

**TOTAL**..... 100.00%

(L) (D)

EPA Reg. No. 961-365

Barricade® is a Registered Trademark of a Syngenta Group Company.

EPA Est. No. 961-PA-01:961-IL-01

Superscript used is first letter of lot number.

**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.**

**GUARANTEED ANALYSIS**

Nitrogen 32%	(N)
Phosphorus 4%	(P <sub>2</sub> O <sub>5</sub> )
Potassium 6%	(K <sub>2</sub> O)

Nitrogen from: Urea formaldehyde, Urea, Ammonia.

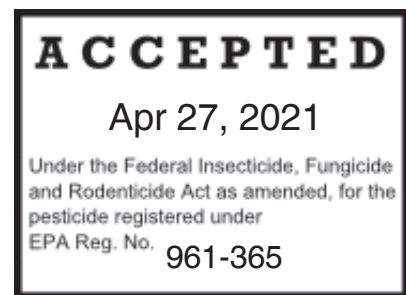
For selective preemergence control of listed grass and broadleaf weeds in:

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

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See back panel for First Aid and additional Precautionary Statements



MANUFACTURED BY: [Distributed by:] [Produced for:]  
LEBANON SEABOARD CORPORATION  
1600 EAST[E.] CUMBERLAND STREET [St.]  
LEBANON, PA 17042  
www.lebsea.com  
[1-800-233-1067][717-272-1685]  
Made in the USA.

Covers [X,XXX] Square Feet [SQUARE FEET] [SQ. FT.] [Sq. Ft.]  
Net Weight: [Net Wt.:] xx lbs. [LBS.] [POUNDS] (xx.x kg) [(XX.X KG)]  
Treats: XX,XXX Sq.Ft. [SQ.FT.] [Square Feet] [SQUARE FEET]  
Net Content:

**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:**
- 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:**
- Take off contaminated clothing.
- OR CLOTHING:**
- Rinse skin immediately with plenty of water for 15-20 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 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.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants not listed on this label 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.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds as listed in established turfgrasses (excluding golf course putting greens) and lawns, landscape ornamentals, established perennials and wildflower plantings.

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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.

#### WEED RESISTANCE MANAGEMENT

For resistance management, Lebanon Fertilizer with Barricade Preemergence Weed Control (0.38% Barricade) is a Group 3 herbicide. Any weed population may contain certain or develop plants naturally resistant to Lebanon Fertilizer with Barricade Preemergence Weed Control (0.38% Barricade) 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 Lebanon Fertilizer with Barricade Preemergence Weed Control (0.38% Barricade) or other Group 3 herbicides within a growing season 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 cultural, biological varieties and other turf 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 weed 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 sales representative, pest control advisors, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for specific types of plants and weed biotypes.

#### APPLICATION DIRECTIONS

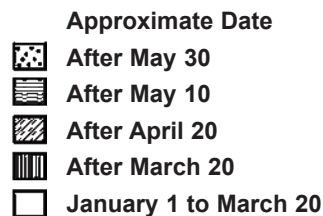
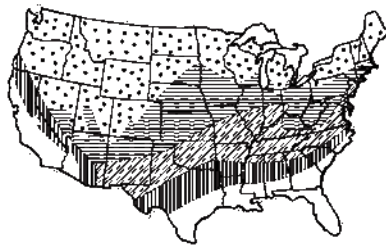
Apply uniformly with suitable, calibrated application equipment.

#### ESTABLISHED TURF

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] is a selective pre-emergence herbicide that, when properly applied, will control certain grass and broadleaf weeds as listed in established turfgrasses and lawns. The maximum amount of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] to apply 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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



## USE PRECAUTIONS

The following precautions apply to the use of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] in turfgrasses and lawns:

Application of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] may thin emerged annual blue grass 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] to putting greens or areas where dichondra colonial bentgrass, velvet bentgrass or annual bluegrass (*Poa annua*) are desirable species.

## RATES OF APPLICATION

Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] 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. [LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL or 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 [[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] is related to the rate applied.

## MAXIMUM ANNUAL RATES

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] is suggested 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 LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 by Turfgrass Species<sup>1)</sup>

Turf Species:	Lbs. Product/Acre	Lbs. Product/1,000 Sq. Ft.	Lbs. AI/Acre
Bermudagrass <sup>2)</sup> , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	395	8.9	1.5
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	265	5.9	1.0
Creeping Red Fescue	195	4.6	0.75
Creeping Bentgrass	170	3.9	0.65

<sup>1)</sup> These are the maximum rates per calendar year by species limitations.

<sup>2)</sup> May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 137 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 395 lbs. of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] per calendar year.

• Use higher rates of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] will provide control of the following weeds:

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

<sup>1</sup> In many areas a single application of 170 to 395 lbs./Acre of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 170 to 265 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.

<sup>2</sup> Apply this product in late summer, fall or winter prior to germination.

<sup>3</sup> 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

### WHEN TO OVERSEED AFTER APPLICATION

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 of 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.

**LEBANON FERTILIZER WITH BARRICADE  
PREEMERGENCE WEED CONTROL(0.38% BARRICADE) 13-0-4**

Product	Rate (lb./A)	Months Before Overseeding			
		AI	North	Transition	South
132	.50		4	4	4
170	.66		5	4	4
195	.74		6	5	5
210	.80		---	6	6
265	1.00		---	7	7
300	1.14		---	---	9
342	1.30		---	---	10
395	1.50		---	---	12

**LANDSCAPE ORNAMENTALS  
(including Established Perennials and Wildflower Plantings)**

Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] for residual pre-emergence weed control in ornamentals.

**USE RATES**

Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] at 170 to 395 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 395 lbs./Acre.

**APPLICATION TIMING AND INFORMATION**

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product], control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

**ESTABLISHED LANDSCAPE ORNAMENTALS**

Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] in the soil.

**NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS**

Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product] 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product]. Apply [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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**

[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product]. Best results will be obtained when [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or 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 [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or this product].

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>Abies</i> spp.	Fir species** (Balsam, Fraser, Noble, etc.)	<i>C. Dammeri</i>	Bearberry Cotoneaster
<i>Abelia grandiflora</i>	Abelia: Sherwood	<i>C. microphyllus</i>	Rockspray Cotoneaster
<i>Acer palmatum</i>	Japanese Maple	<i>Cretaegus</i> spp.	Hawthorne
<i>A. platanoides</i>	Norway Maple	<i>Crocsmia</i> sp.	Lucifer
<i>Achillea</i> sp.	Yarrow: King Edward	<i>Cupressus sempervirens</i>	Italian Cypress
<i>Actinidia chinensis</i>	Kiwi*	<i>Delosperma alba</i>	White Trailing Ice Plant
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)	<i>Delosperma</i> sp.	Cooperi Pink
<i>Agapanthus orientalis</i>		<i>Delphinium</i> sp.	Larkspur: Blue Elf
<i>Akebia quintata</i>	Five-Leaf or Chocolate Vine	<i>Dianthus deltoides</i>	Dianthus; Maiden Pinks "Zing"
<i>Allium cernuum</i>	Lady's Leek, Nodding Onion	<i>D. gratianopolitanus</i>	Cheddar Pink
<i>Anemone hybrida</i>	Japanese Anemone	<i>Dodonea viscosa</i>	Hop Bush
<i>Aquilegia</i> sp.	Aquilegia: Red and Gold	<i>Echinacea pupurea</i>	Coneflower, Purple; Magnus
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita	<i>Elaeagnus pungens</i>	Silverberry
<i>Arctotheca calendula</i>	Cape Weed	<i>Euonymus Fortunei</i>	Wintercreeper
<i>Artemisia</i> sp.	Wormwood; Silver Mound, Castle	<i>E. japonica</i>	Japanese Spindle Tree (Evergreen Euonymus)
<i>Aster</i> sp.	Aster: Bonny Blue, Purple Dome	<i>E. kiautschovica</i>	Spreading Euonymus
<i>Aster X Frikartii</i>		<i>Fatsia japonica</i>	Japanese Aralia
<i>Athrium Filiz-femina</i>	Lady Fern; Fern Lady	<i>Forsythia intermedia</i>	Border Forsythia
<i>Aucuba japonica</i>	Japanese Aucuba	<i>Forsythia suspensa</i>	Weeping Forsythia
<i>Begonia</i> sp.	Fibrous Begonia: Hardy Grandis	<i>F. viridissima</i>	Greenstem Forsythia
<i>Berberis gladwynensis</i>	Barberry	<i>Gaillardia</i> sp.	Gaillardia, Blanket Flower: "Goblin"
<i>B. Julianae</i>	Wintergreen Barberry	<i>Gardenia jasminoides</i>	Gardenia ,Cape-Jasmine, Radicans
<i>B. mentorensis</i>	Mentor Barberry	<i>Gaura</i> sp.	
<i>B. Thunbergii</i>	Japanese Barberry	<i>Gentiana dahurica</i>	Gentian
<i>B. verruculosa</i>	Warty Barberry	<i>Geranium cinereum</i>	Cranesbill
<i>Bergenia cordifolia</i>		<i>Gladiolus</i> spp.	Gladiolus species**
<i>Boltonia asteroides</i>	Snowbank	<i>Gypsophila repens</i>	Baby's Breath
<i>Buddleia davidii</i>	Butterfly-Bush (Dwarf Blue); Royal Red	<i>Hedera helix</i>	English Ivy
<i>Buxus microphylla</i>	Japanese Boxwood	<i>Hellanthemum</i> sp.	Sunrose
<i>Callistemon viminalis</i>	Weeping Bottlebrush	<i>Hemerocallis</i> sp.	Daylily: Aztec Gold, Stella De Oro, Tender Love
<i>Calluna vulgaris</i>	Scotch Heather	<i>Hibiscus</i>	Rose of Sharon**
<i>Campanula carpatica</i>	Tussock Bellflower, (White Clips)	<i>Hibiscus</i> sp.	Mallow: Disco Belle White
<i>Campis X Tagliabuana</i>	Trumpet Creeper, Trumpet Flower, Madame Galen	<i>Hibiscus Rosa-sinensis</i>	Chinese Hibiscus
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)	<i>Hosta plantaginea</i>	Hosta, Plantain Lily (Fragrant)
<i>Cassia artemisoides</i>	Feathery Cassia	<i>H. Sieboldiana</i>	Hosta, "Searsucker"
<i>Ceanothus rigidus</i>	Wild Lilac	<i>Houttuynia cordata var. variegata</i>	
<i>Ceratostigma plumbagonoides</i>		<i>Hydrangea macrophylla</i>	Bigleaf Hydrangea
<i>Chamaecyparis pisifera</i>	False Cypress	<i>Ilex Bernyi</i>	Holly
<i>Chrysanthemum nipponicum</i>		<i>Ilex cornuta</i>	Chinese Holly
<i>Cleyera japonica</i>	Cleyera	<i>I. crenata</i>	Japanese Holly; Helleri
<i>Citrus</i> spp.	Citrus species*	<i>I. opaca</i>	American Holly
<i>Coreopsis</i> sp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam	<i>I. vomitoria</i>	Yaupon Holly; Schillings
<i>Cornus florida</i>	Flowering Dogwood	<i>Inula ensifolia</i>	
<i>C. stolonifera</i>	American Dogwood	<i>Iris ensata</i>	Sword-Leaved Iris; Jodlesong
<i>Cortaderia selloana</i>	Pampas Grass	<i>Iris siberica</i>	Siberian Iris; Cabernet
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	<i>Iris</i> spp.	Iris species**
<i>C. buxifolius</i>	Cotoneaster	<i>Jasminium nudiflorum</i>	Winter Jasmine
		<i>Juniperus chinensis</i>	Chinese Juniper; Nick's Compact, Parsonii

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>J. conferta</i>	Shore Juniper; Blue Pacific	<i>P. tobira</i>	Japanese Pittosporum
<i>J. davurica</i>	Parsonii	<i>Podocarpus macrophyllus</i>	Japanese Yew
<i>J. horizontalis</i>	Creeping Juniper	<i>Prunus Laurocerasus</i>	English Laurel
<i>Juglans</i> sp.	Walnut*	<i>Prunus</i> sp.	Almond, Apricot, Nectarine, Peach, Plum and Prune*
<i>Justicia brandegeana</i>	Shrimp Plant	<i>Pseudotsuga Menziesii</i>	Douglas Fir**
<i>Lagerstromia indica</i>	Crape Myrtle	<i>Pyracantha coccinea</i>	Firethorn (Scarlet)
<i>Lagerstromia indica X Fauriei</i>	Crape Myrtle; Tuscarora	<i>P. Fortuneana</i>	Firethorn
<i>Lantana montevidensis</i>	Weeping Lantana	<i>P. Koidzumii</i>	Firethorn
<i>Lavender</i> sp.	Lavender; Munstead	<i>Pyrus</i> sp.	Bradford Pear sp.
<i>Leontopodium alpinum</i>	Edelweiss	<i>Quercus Shumardii</i>	Oak, Shumard's Red
<i>Ligustrum sinense</i>	Chinese Privet; Variegata	<i>Quercus</i> spp.	Oak species
<i>Ligustrum amurense</i>	Amur Privet	<i>Raphiolepis indica</i>	Indian Hawthorne
<i>L. japonicum</i>	Japanese Privet	<i>Raphiolepis umbellata</i>	Yedda Hawthorn
<i>L. lucidum</i>	Glossy Privet (Waxleaf)	<i>Rhododendron</i>	'Coral Bells'
<i>Lillium</i> sp.	Lily: Jazz	(including Azalea)	'Delaware Valley White'
<i>Liriope Muscari</i>	Big Blue Lily; Turf; Silver Mound; Evergreen Giant		'Flame Creeper'
<i>Liriope Muscari var. variegata</i>	Liriope, Variegated		'Formosa'
<i>Liriope spicata</i>	Liriope, Creeping		'Girard Crimson'
<i>Lobelia Cardinalis</i>	Cardinal Flower, Indian Pink		'George L. Tabor'
<i>Lonicera japonica</i>	Japanese Honeysuckle		'Hino-crimson'
<i>L. tatarica</i>	Tatarian Honeysuckle		'PJM'
<i>Loropetalum chinense</i>	Burgundy		'Roseum Elegans'
<i>Lythrum</i> sp.	Loosestrife; Modern Pink		'Wakeiebisu'
<i>Magnolia</i> spp.	Magnolia species**		'White Gumbo'
<i>Maleophora luteola</i>	Ice Plant	<i>Rosa Banksiae</i>	Lady Bank's Rose
<i>Malus</i> sp.	Crabapple*	<i>Rosmarinus officinalis</i>	Rosemary*
<i>Miscanthus sinensis</i>	Yaku Jima, Silberfeder	<i>Rudbeckia</i> sp.	Black-Eyed Susan; Goldstrum
<i>Nandina domestica</i>	Heavenly Bamboo	<i>Santolina virens</i>	Santolina
<i>Narcissus</i> spp.	Narcissus species**	<i>Saxifraga</i> sp.	Saxifrage; Purple Dome
<i>Nerium oleander</i>	Oleander	<i>Scabiosa</i> sp.	Pincushion Flower
<i>Olea europaea</i>	Olive*	<i>Sedum album</i>	Stonecrop
<i>Ophiopogon japonicus</i>	Mondo Grass	<i>Sedum cauticola</i>	Stonecrop; Lidakense
<i>Osmanthus heterophyllus</i>	Osmanthus (False Holly): Gulf Tide	<i>Sedum dasyphyllum</i>	Stonecrop
<i>Osteospermum fruticosum</i>	Trailing African Daisy	<i>Sedum spurium</i>	Stonecrop; Dragon's Blood
<i>Oxydendrum arboreum</i>	Sourwood	<i>Spiraea Bumalda</i>	Spirea: Anthony Waterer
<i>Paeonia suffruticosa</i>	Tree Peony	<i>Syzygium paniculatum</i>	Australian Brushcherry
<i>Pennisetum setaceum</i>	Fountain Grass (Dwarf)	<i>Taxus cuspidata</i>	Japanese Yew
<i>Perovskia atriplicifolia</i>		<i>T. media</i>	Yew
<i>Persea americana</i>	Avocado*	<i>Teucrium</i> sp.	Germander
<i>Photinia Fraseri</i>	Fraser's Photinia (Redtip)	<i>Thalictrum dipterocarpum</i>	Meadow Rue
<i>Physotegia Virginiana</i>	Dragonhead, False; Vivid	<i>Thuja occidentalis</i>	American Arborvitae
<i>Picea</i> spp.	Spruce species** (Colorado Blue, Norway, etc.)	<i>Trachelospermum asiaticum</i>	Star Jasmine
<i>Pieris japonica</i>	Lily-of-the-Valley Bush	<i>Tsuga canadensis</i>	Canada Hemlock
<i>Pinus brutia</i>	Calabrian Pine	<i>Tulipa</i> spp.	Tulip species
<i>P. canariensis</i>	Canary Island Pine	<i>Veronica</i> sp.	Veronica, Speedwell; Sunny Border
<i>P. elliotii</i>	Slash Pine	<i>Viburnum japonicum</i>	Japanese Viburnum
<i>P. halepensis</i>	Aleppo Pine	<i>V. odoratissimum</i>	Sweet Viburnum
<i>P. nigra</i>	Austrian Pine	<i>V. plicatum</i>	Japanese Snowball
<i>P. palustris</i>	Longleaf Pine	<i>V. rigidum</i>	Canary Island Viburnum
<i>P. radiata</i>	Monterey Pine	<i>V. suspensum</i>	Arrowood Viburnum
<i>P. Thunbergiana</i>	Japanese Black Pine	<i>V. tinus</i>	Laurustinus
<i>P. strobus</i>	Eastern White Pine	<i>V. trilobium</i>	Cranberry Bush
<i>P. syvestris</i>	Scotch Pine	<i>V. wrightii</i>	Leatherleaf Viburnum
<i>P. taeda</i>	Loblolly Pine	<i>Vinca major</i>	Greater Periwinkle, Vinca
<i>P. virginiana</i>	Virginia Pine	<i>Vinca minor</i>	Common Periwinkle, Vinca
<i>Pistachio</i> sp.	Pistachio*	<i>Vitis</i> sp.	Grape*
<i>Pittosporum rhombifolium</i>	Queensland Pittosporum	<i>Weigela florida</i>	Old Fashioned Weigela
		<i>Yucca aloifolia</i>	Spanish Bayonet, Yucca
		<i>Y. filamentosa</i>	Adam's Needle, Yucca

\* Do not use on food producing trees, vines, or plants.

\*\* Not for use on container grown plants.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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 HANDLING: 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.]

[Optional Warranty]

[WARRANTY  
IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the 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 the manner of use or application, all of which are beyond the control of Lebanon Seaboard Corporation. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, LEBANON SEABOARD CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Lebanon Seaboard Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Lebanon Seaboard Corporation DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT LEBANON SEABOARD CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.]

Spreader Chart [Note to reviewer, rates of application allowed 3.9, 4.6, 5.9 and 8.9 not to exceed 8.9 lbs.]

**SUGGESTED SPREADER SETTINGS**

Spreader	Speed		Width of Coverage	Settings 3.9#/1000 Sq. Ft.	Spreader	Speed		Width of Coverage	Settings 3.9#/1000 Sq. Ft.
	Ground MPH	PTO RPM				Ground MPH	PTO RPM		
Cyclone	3		8 ft.	3 <sup>1</sup> / <sub>2</sub>	Scotts (Rotary) R8A	3		8 ft.	J
Ezee Flow (109)	5	540	30 ft.	C1	Lesco	3		10 ft.	G
Lely (HR)	5		39 ft.	4II	Gandy	3			29
Lely (W)	5	425	39 ft.	4II	Vicon PS 402	5	540	35 ft.	22
Scotts (Drop Type)	3			4	Earthway Rotary	3		12 ft.	13
Scotts (Rotary)	3		6 ft.	E	Spyker	3		8 ft.	3 <sup>1</sup> / <sub>2</sub>
Scotts (Rotary) R7X	3		8 ft.	E					

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.

[Additional Labeling Requirements:]

Claims

1. [Bar code] [product number]
2. [Item number]
3. [Not] Proof of Purchase
4. If the fertilizer guarantee contains iron, the following statement must appear:  
[Note:] [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.
5. The following statement must appear (relevant to the fertilizer guarantee):  
For products distributed in the State of Washington, the following statement must appear:  
[Note:] Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lebsea.com>.
6. The following statement may appear when the application rate applies less than 1 pound of nitrogen per 1,000 sq.ft.:  
[Note:] Supplemental applications of lawn fertilizer are needed to achieve a minimum of 1 pound nitrogen per 1,000 sq.ft.
7. The following statement may appear if application rate instructions specify different rates based on different regions in Florida:  
[Optional fertilizer text for state of Florida when applicable:] Florida Applications: [X] annual feedings [with the exception of [listed turfgrass species (X feedings in the north and X feedings in the central and south).] This package applies X.X lbs of product per 1,000 sq.ft.]
8. For products sold in the state of Florida, the following statement may appear:  
[Optional text for state of Florida] Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, side walk, or street, back onto your lawn/garden.
9. FOR FLORDIA: We recommend that you follow the Golf GCourse BMP's at:  
<http://www.dep.state.fl.us/water/nonpoint/docs/glfomp07.pdf>
10. Apply once for the whole season
11. For technical assistance or more information about our products, visit [www.lebanonturf.com](http://www.lebanonturf.com)
12. For use on cool and warm season turfgrass
13. Made in [the] U.S.A.
14. Questions or Comments? Call 1-xxx-xxx-xxxx. (insert phone graphic)

15. This Bag Treats Up to \_\_\_\_\_ Square Feet  
 Rates of application allowed depending on turf species: 3.9, 4.6, 5.9 and 8.9 lbs. per 1,000 sq. ft. (See page 3)

Bag size/lb	Application rate l/bs/1000 sq. ft.	Maximum bag coverage/ sq. ft.
40	3.9	10,256
	4.6	8696
	5.9	6780
	8.9	4494
50	3.9	10,870
	4.6	10,870
	5.9	8475
	8.9	5618
1000	3.9	25,6410
	4.6	21,740
	5.9	16,950
	8.9	11,236
2000	3.9	51,282
	4.6	43,4782
	5.9	33,8983
	8.9	22,4720

Logo based on granular size:



17. In the state[s] of [list state or states] apply this product at no more than [x.x] lbs. of product per 1,000 sq. ft.  
 [Note to reviewer: Justification for the above statement is that several states have restrictions on the maximum amount of nitrogen that can be applied per application. The fertilizer blend is adjusted to accomplish this. Maximum amount of nitrogen that can be applied in Maryland is 0.9lbs. Example of label language: In the states of Maryland apply this product at no more than 3.5lbs of product per 1,000 sq. ft. Example: Assuming a fertilizer guarantee of 20% nitrogen, then 3.5lbs of product per application delivers 0.78 lbs nitrogen per application, allowing the product to be registered in Maryland. 8.9 lbs of product delivers 1.78 lbs nitrogen per application, exceeding the allowable limit for Maryland.]

Claims regarding Weed Control Properties

1. [12] [16] [20] Week weed control
2. [12] [16] [20] week weed grass control
3. [3] [4] [5] Month weed control
4. [3] [4] [5] month weed grass control
5. 3 – 5 month Weed Grass Control
6. Contains Barricade®
7. Controls new weeds for [12] [16] [20] weeks
8. Controls new weeds for [3] [4] [5] months
9. Prevents crabgrass all season
10. Prevents crabgrass and [many] other weed grasses.
11. Prevents crabgrass and other grassy weeds
12. Stops [crabgrass] [annual bluegrass] [chickweed] [henbit] (select any listed weed)
13. Stops crabgrass before it starts!
14. Weed Images [Crabgrass] (select any listed weed)
15. Contains SCU [sulfur coated urea (sulfur coated slow release fertilizer. Typically further coated with a sealant polymer)]

Claims regarding Combination Weed Control and Fertilizer Properties

1. Prevents weeds and feeds your lawn [turf] for [up to] [12] [16] [20] weeks
2. Prevents weeds and feeds your lawn [turf] for [up to] [3] [4] [5] months
3. Stops weeds and feeds your lawn [turf] for [up to] [12] [16] [20] weeks
4. Stops weeds and feeds your lawn [turf] for [up to] [3] [4] [5] months

Claims regarding Fertilizer Properties

1. [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 ]– All the fertilizer nutrients your lawn [turf] needs [for spring] [for fall]
2. [LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 ]– Providing the Nutrients Needed for [a] Beautiful Lawn [turf] [and Ornamentals.]
3. Builds strong, deep roots, for a thick, green lawn [turf]
4. Fertilizes to provide rich color [and vigorous growth]
5. Improves soil fertility
6. Larger Roots / Greener Lawn [Turf]
7. No phosphate helps protect our waterways (for use when fertilizer analysis has “0” phosphate)
8. Promotes rapid root growth
9. Promotes root growth for a thicker, greener lawn [turf]
10. Protects & [and] strengthens for a better spring lawn [turf]
11. Provides your soil with nutrients
12. Restores nutrients to your soil
13. Restores nutrients to your soil for a quick spring green up [green-up]
14. Zero phosphate helps protect our waterways (for use when fertilizer analysis has “0” phosphate)

Claims regarding Slow Release Fertilizer Properties

1. [[LEBANON FERTILIZER WITH BARRICADE PREEMERGENCE WEED CONTROL (0.38% BARRICADE) 13-0-4 or This product] feeds and greens with [slow release] fertilizer [for up to [2] [3] months] [for up to [8] [12] weeks].
2. Feeds [greens] [strengthens] [thickens] [your lawn] [turf] for up to [2] [3] months [[8] [12] weeks]
3. Feeds [your] lawn [turf] up to [8] [12] weeks
4. Greens up to [2] [3] months [[8] [12]weeks]
5. Homogenous Fertilizer
6. MESA® is a registered trademark of Lebanon Seaboard Corporation.
7. Meth-EX® is a registered trademark of Lebanon Seaboard Corporation
8. Patented, controlled release nitrogen for continuous feeding
9. Quick and continuous greening for up to 3 months [12 weeks]

10



11. MESA Video QR Code, (optional when the product contains MESA)



Scan here to see a video on MESA controlled release nitrogen.

12. Meth-EX Logo



13. Meth-EX® is a registered trademark of Lebanon Seaboard Corporation
14. EXPO® is a registered trademark of Lebanon Seaboard Corporation
15. EXPO Logo



16.

XX	XX	XX
Nitrogen (N)	Phosphorous (P)	Potassium (K)
Contains Timed-Release Nitrogen for growing [a] thick green lawn [turf] [Stimulates growth and encourages [a] thick. green lawn [turf]]	Improves Root [Growth] [Improves root growth and Plant Storage Capacity]	Improves Plant [turf] Hardiness & Drought Resistance

[Note to reviewer: the XX must be in the range listed on the CSF]

Claims regarding GreenSmart Fertilizer Properties

1. GreenSmart® Enhanced Efficiency Fertilizer for a Green Lawn [Turf]
2. [contains] [with] GreenSmart® Enhanced Efficiency Fertilizer
3. GreenSmart® Enhanced Efficiency Fertilizer
4. GreenSmart® Enhanced Efficiency Fertilizer logos







5. GreenSmart is a registered trademark of Lebanon Seaboard Corporation
6. 20% less nutrients required for the same great lawn [turf] results [with GreenSmart® Enhanced Efficiency Fertilizer]
7. Enables lawns [turf] to use nutrients more efficiently
8. Enhanced Efficiency Fertilizer
9. Enhances nutrient absorption
10. Enriches soil to promote a vibrant, hardy lawn [turf]
11. GreenSmart® Enhanced Efficiency Fertilizer enhances poor soil, creating an environment in which lawns [turf] can thrive. GreenSmart Enhanced Efficiency Fertilizer produces thick, green lawns [turf].
12. GreenSmart® Enhanced Efficiency Fertilizer nourished lawns [turf] are more robust because their root systems are larger, deeper and better developed. Vigorous roots mean[s] the lawn [turf] is hardier and better able to tolerate the stress that comes with heat and drought.
13. GreenSmart® Enhanced Efficiency Fertilizer produces thick, green lawns [turf]
14. Helps lawns [turf] retain water to protect against heat & [and] drought
15. Helps unlock nutrients already in the soil
16. Improved Nitrogen Efficiency - Reduces Leaching
17. [GreenSmart® Enhanced Efficiency Fertilizer -] Improved nutrient release and absorption into the lawn [turf] allows 20% less nutrients to be applied while still providing [a] quality lawn [turf]
18. Improves drought resistance
19. Improves lawn's [turf's] ability to absorb water & [and] nutrients
20. Increase nutrient up-take in grass [lawns] [turf] up to 20% [with GreenSmart™ Enhanced Efficiency Fertilizer]
21. Lawn[s] [turf] [and plants] nourished with [company name's] GreenSmart® Enhanced Efficiency Fertilizer are [is] able to tolerate the stress from heat and drought. GreenSmart Enhanced Efficiency Fertilizer produces large, deep, and well developed root systems that can retain water. This enables lawns [turf] [and plants] to withstand stressful conditions.
22. Less watering needed
23. Less watering needed, drought resistant [lawn] [turf]
24. Makes it easier for lawns [turf] to absorb soil nutrients
25. N-P-K with GreenSmart® Enhanced Efficiency Fertilizer [for a Green Lawn [Turf]]
26. GreenSmart Enhanced Efficiency Fertilizer® for green turf [logo on page 10]
27. Contains GreenSmart Enhanced Efficiency Fertilizer® for green turf
28. GreenSmart Enhanced Efficiency Fertilizer is a registered trademark of Lebanon Seaboard Corporation

- 26. Plants [lawns] [turf] use[s] nitrogen more efficiently so you need less
- 27. Poor soil may have fewer of the nutrients needed to promote a vigorous lawn [turf].

GreenSmart® Enhanced Efficiency Fertilizer works by enriching your soil with nutrients. GreenSmart Enhanced Efficiency Fertilizer revitalizes the soil, which aids in the development of a larger, deeper and better root system. The enhanced soil is proven to produce a green, thick, vigorous lawn [turf], and reduces the need for watering.

- 28. Promotes rapid root growth [for a thick green] [lawn] [turf]
- 29. Recharges your soil with nutrients!
- 30. Reduces plant [lawn] [turf] stress related to drought
- 31. Reduces stress on lawns [turf], protects from drought & heat
- 32. Speeds root growth to improve nutrient absorption
- 33. Unlocks the nutrients in soil, enhancing nutrient absorption, so you can grow a thicker, greener lawn [turf] with less water
- 34. Unlocks the nutrients in your soil

LebanonTurf® Brand of Products Optional Marketing Claims

- 1. LebanonTurf LSN is a registered trademark of Lebanon Seaboard Corporation
- 2. LebanonTurf® logo



More brands.  
Better performance.



Best of All Worlds™

- 3. ProScape® and MESA® are registered trademarks of Lebanon Seaboard Corporation
- 4. ProScape® is a registered trademark of Lebanon Seaboard Corporation
- 5. [PennMulch®], [ProScape®], [LSN® LebanonTurf Stabilized Nitrogen], [MESA®], [Meth-EX®], [EXPO®] [GreenSmart Enhanced Efficiency Fertilizer® for Green Turf] are registered trademarks of Lebanon Seaboard Corporation.
- 6. PennMulch® is a registered trademark of Lebanon Seaboard Corporation.
- 7. LSN® LebanonTurf Stabilized Nitrogen is a registered trademark of Lebanon Seaboard Corporation.
- 8. LSN LebanonTurf Stabilized Nitrogen Logo



- 9. [www.LebanonTurf.com](http://www.LebanonTurf.com)

Additional Marketing Claims Turfgrass Branded Products

1. Turfgrass Logo



2. Distributed by:  
Residex®, LLC  
46495 Humboldt Drive  
Novi, MI 48377-2446  
[www.residex.com](http://www.residex.com)
3. Claims regarding Slow Release Fertilizer Properties



CONTAINS

