

961-362

8/27/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mrs. Jeanette A. Covert
Authorized Representative for Lebanon
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

AUG 27 2009

RE: Notification to revise Warranty Statement
EPA Registration Number: 961-362
Date of Submission: July 8, 2009

Dear Mrs. Covert:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 and dated July 8, 2009, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" received and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

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

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Lebanon Seaboard Corporation/961-362	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Lebanon Fertilizer with Barricade 0.43% Preemergence Weed	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Lebanon Seaboard Corporation 1600 East Cumberland Street Lebanon, PA 17042 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Product Name <u>AUG 27 2009</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revised Warranty as defined in cover letter. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. 30	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Jeanette A. Covert	Title Authorized Representative for Lebanon	Telephone No. (Include Area Code) 856.751.3432	
2. Signature <i>Jeanette A Covert</i>			6. Date Application Received (Stamped)
3. Title Authorized Representative for Lebanon Seaboard Corporation			
4. Typed Name Jeanette A. Covert		5. Date 7/8/09	

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

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Product & Regulatory Associates, L.L.C.

July 7, 2009

Ms. Sherada Hobgood
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7505P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Lebanon Seaboard Corporation
EPA Reg. No. 961-362
Notification Revised Warranty

Dear Ms. Hobgood:

As the authorized representative, Lebanon Seaboard Corporation is submitting a revised label for Lebanon Fertilizer with Barricade 0.43% Preemergence Weed Control, EPA Reg No. 961-362.

The changes for this label include:

- Revised warranty statement on page 7.

To complete this notification application, enclosed please find:

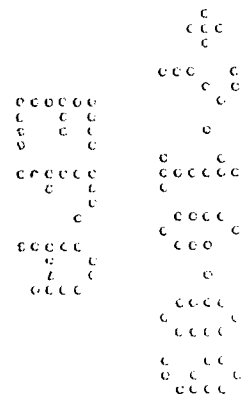
- Application for Pesticide (EPA Form 8750-1)
- One highlighted copy (red line/blue line) of the revised label
- One clean copy of the revised label
- One CD e-label file name 000961-00362.20090707.NotifWarranty.pdf

If you have any questions or concerns about this notification please contact me at (856)751-3432 or jacover@comcast.net

Sincerely,

Jeanette Covert
Product & Regulatory Associates, LLC
Authorized Representative for Lebanon Seaboard Corporation
cc: Sylvia Whitman, Lebanon Seaboard Corporation

**P.O. Box 1683 Voorhees, NJ 08043-9998
Telephone 856 424-1528**



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LEBANON FERTILIZER WITH BARRICADE® 0.43% PREEMERGENCE WEED CONTROL

ACTIVE INGREDIENT:

Prodiamine 0.43%

OTHER INGREDIENTS: 99.57%

TOTAL 100.00%

(L) (D)

EPA Reg. No. 961-362

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

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

Superscript used is first letter of lot number.

ProScape and Mesa are registered trademarks of Lebanon Seaboard Corporation

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% (P₂O₅)
Potassium 6% (K₂O)

Nitrogen from: Urea formaldehyde, Urea, Ammonia.

For selective preemergence control of 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 the following section, Precautionary Statements, Hazards To Humans and Domestic Animals, for additional information.

MANUFACTURED BY:

LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
www.lebsea.com

**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.

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 0.43% PREEMERGENCE WEED CONTROL or This product] is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turfgrasses (excluding golf course putting greens) and lawns, landscape ornamentals, established perennials and wildflower plantings.

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL 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.

APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF






[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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.

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CRABGRASS SEED GERMINATION DATES



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

USE PRECAUTIONS

The following precautions apply to the use of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] in turfgrasses and lawns:

Application of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] is applied before seedling secondary roots are in the second inch of soil, not thatch plus soil.

Do not cut (harvest) treated sod before 120 days after application. Do not apply to newly set sod until the following year.

Application of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL 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

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or 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. [LEBANON FERTILIZER WITH BARRICADE 0.43% 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 0.43% PREEMERGENCE WEED CONTROL or this product] is related to the rate applied.

MAXIMUM ANNUAL RATES

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] is recommended 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 0.43% PREEMERGENCE WEED CONTROL by Turfgrass Species¹⁾

Turf Species:	Lbs. Product/Acre	Lbs. Product/1,000 Sq. Ft.	Lbs. AI/Acre
Bermudagrass ²⁾ , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	349	8.0	1.5
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	233	5.3	1.0
Creeping Red Fescue	175	4.0	0.75
Creeping Bentgrass	150	3.4	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 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] per calendar year.
- Use higher rates of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL will provide control of the following weeds:

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

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Signalgrass, Broadleaf	Spurge, Prostrate	(from seed)
Speedwell, Persian	Witchgrass	
Sprangletop	Woodsorrel, Yellow	

¹ In many areas a single application of 150 to 349 lbs./Acre of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 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 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL or 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 0.43% PREEMERGENCE WEED CONTROL Rate (lb/A)		Months Before Overseeding		
Product	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)

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or This product] may be applied for residual preemergence weed control in ornamentals.

USE RATES

Apply [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] at 150 to 349 lbs./Acre in fall and/or spring. Use higher rates of application for longer control periods. Sequential applications may 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

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL 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 0.43% PREEMERGENCE WEED CONTROL or this product] is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product], control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

ESTABLISHED LANDSCAPE ORNAMENTALS

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product] may be applied at any time 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 0.43% PREEMERGENCE WEED CONTROL or this product] in the soil.

NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product]. Apply [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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.

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TOLERANT ORNAMENTAL SPECIES

[LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or This product] will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or this product]. Best results will be obtained when [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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. [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL or 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 [LEBANON FERTILIZER WITH BARRICADE 0.43% PREEMERGENCE WEED CONTROL 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. microphyllum</i>	Rockspray Cotoneaster
<i>Acer palmatum</i>	Japanese Maple	<i>Crocosmia</i> sp.	Hawthorne
<i>A. platanoides</i>	Norway Maple	<i>Cupressus sempervirens</i>	Lucifer
<i>Achillea</i> sp.	Yarrow: King Edward	<i>Delosperma alba</i>	Italian Cypress
<i>Actinidia chinensis</i>	Kiwi*	<i>Delosperma</i> sp.	White Trailing Ice Plant
<i>Agapanthus africanus</i>	Lily-of-the-Nile (African Lily)	<i>Delphinium</i> sp.	Cooperi Pink
<i>Agapanthus orientalis</i>		<i>Dianthus deltoides</i>	Larkspur: Blue Elf
<i>Akebia quintata</i>	Five-Leaf or Chocolate Vine	<i>D. gratianopolitanus</i>	Dianthus; Maiden Pinks "Zing"
<i>Allium cernuum</i>	Lady's Leek, Nodding Onion	<i>Dodonea viscosa</i>	Cheddar Pink
<i>Anemone hybrida</i>	Japanese Anemone	<i>Echinacea pupurea</i>	Hop Bush
<i>Aquilegia</i> sp.	Aquilegia: Red and Gold	<i>Elaeagnus pungens</i>	Coneflower, Purple; Magnus
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita	<i>Euonymus Fortunei</i>	Silverberry
<i>Arctotheca calendula</i>	Cape Weed	<i>E. japonica</i>	Wintercreeper
<i>Artemisia</i> sp.	Wormwood; Silver Mound, Castle	<i>E. kiautschovica</i>	Japanese Spindle Tree (Evergreen Euonymus)
<i>Aster</i> sp.	Aster: Bonny Blue, Purple Dome	<i>Fatsia japonica</i>	Spreading Euonymus
<i>Aster X Frikartii</i>		<i>Forsythia intermedia</i>	Japanese Aralia
<i>Athrium Filiz-femina</i>	Lady Fern; Fern Lady	<i>Forsythia suspensa</i>	Border Forsythia
<i>Aucuba japonica</i>	Japanese Aucuba	<i>F. viridissima</i>	Weeping Forsythia
<i>Begonia</i> sp.	Fibrous Begonia: Hardy Grandis	<i>Gaillardia</i> sp.	Greenstem Forsythia
<i>Berberis gladwynensis</i>	Barberry	<i>Gardenia jasminoides</i>	Gaillardia, Blanket Flower: "Goblin"
<i>B. Julianae</i>	Wintergreen Barberry	<i>Gaura</i> sp.	Gardenia, Cape-Jasmine, Radicans
<i>B. mentorensis</i>	Mentor Barberry	<i>Gentiana dahurica</i>	Gentian
<i>B. Thunbergii</i>	Japanese Barberry	<i>Geranium cinereum</i>	Cranesbill
<i>B. verruculosa</i>	Warty Barberry	<i>Gladiolus</i> spp.	Gladiolus species**
<i>Bergenia cordifolia</i>		<i>Gypsophila repens</i>	Baby's Breath
<i>Boltonia asteroides</i>	Snowbank	<i>Hedera helix</i>	English Ivy
<i>Buddleia davidii</i>	Butterfly-Bush (Dwarf Blue); Royal Red	<i>Hellanthemum</i> sp.	Sunrose
<i>Buxus microphylla</i>	Japanese Boxwood	<i>Hemerocallis</i> sp.	Daylily: Aztec Gold, Stella De Oro, Tender Love
<i>Callistemon viminalis</i>	Weeping Bottlebrush	<i>Hibiscus</i>	Rose of Sharon**
<i>Calluna vulgaris</i>	Scotch Heather	<i>Hibiscus</i> sp.	Mallow: Disco Belle White
<i>Campanula carpatica</i>	Tussock Bellflower, (White Clips)	<i>Hibiscus Rosa-sinensis</i>	Chinese Hibiscus
<i>Campis X Tagliabuana</i>	Trumpet Creeper, Trumpet Flower, Madame Galen	<i>Hosta plantaginea</i>	Hosta, Plantain Lily (Fragrant)
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)	<i>H. Sieboldiana</i>	Hosta, "Searsucker"
<i>Cassia artemisoides</i>	Feathery Cassia	<i>Houttuynia cordata</i> var. <i>variegata</i>	
<i>Ceanothus rigidus</i>	Wild Lilac	<i>Hydrangea macrophylla</i>	Bigleaf Hydrangea
<i>Ceratostigma plumbagonoides</i>		<i>Ilex Bernyi</i>	Holly
<i>Chamaecyparis pisifera</i>	False Cypress	<i>Ilex cornuta</i>	Chinese Holly
<i>Chrysanthemum nipponicum</i>		<i>I. crenata</i>	Japanese Holly; Helleri
<i>Cleyera japonica</i>	Cleyera	<i>I. opaca</i>	American Holly
<i>Citrus</i> spp.	Citrus species*	<i>I. vomitoria</i>	Yaupon Holly; Schillings
<i>Coreopsis</i> sp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam	<i>Inula ensifolia</i>	
<i>Cornus florida</i>	Flowering Dogwood	<i>Iris ensata</i>	Sword-Leaved Iris; Jodlesong
<i>C. stolonifera</i>	American Dogwood	<i>Iris siberica</i>	Siberian Iris; Cabernet
<i>Cortaderia selloana</i>	Pampas Grass	<i>Iris</i> spp.	Iris species**
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	<i>Jasminium nudiflorum</i>	Winter Jasmine
<i>C. buxifolius</i>	Cotoneaster	<i>Juniperus chinensis</i>	Chinese Juniper; Nick's Compact, Parsonnii

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

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

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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

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.

Additional Labeling Requirements that may be present on both labels:

If the fertilizer guarantee contains iron, the following statement must appear:

This product contains the secondary nutrient iron. Iron may stain concrete 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.

If the recommended use rate applies less than 1 pound nitrogen per 1,000 sq. ft. per application, the following statement must appear:

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

For products distributed in the State of Washington, the following statement must appear:

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

Additional Marketing Claims

LebanonTurf

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

Made in U.S.A

SUGGESTED SPREADER SETTINGS									
Spreader	Speed		Width of Coverage	Settings 3#/1000 Sq. Ft.	Spreader	Speed		Width of Coverage	Settings 3#/1000 Sq. Ft.
	Ground MPH	PTO RPM				Ground MPH	PTO RPM		
Cyclone	3		8 ft.	3½	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.	3½
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.