

961-365

11-9-2007

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Henry E. Rohland
Product Registration
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

NOV 9 2007

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Storage & Disposal Changes and Marketing Claims
EPA Reg. No. 961-365
Application Dated October 10, 2007

Dear Mr. Rohland:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 10/10/07 the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

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

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



LEBANON SEABOARD CORPORATION

1600 EAST CUMBERLAND STREET • LEBANON, PENNSYLVANIA 17042

(717) 273-1685

FAX (717) 273-9466

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10 October 2007

Document Processing Desk (NOTIF)
Office of Pesticide Program (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

ATTN: Joanne Miller (Team 23)

Re: Notification Submission in Response to PR Notice 2007-1

Dear Joanne:

Per the reference PR Notice, enclosed is an Application for Pesticide Form 8570-1, a revised label, Red Line deletions /Blue Line additions, showing the changes, and 3 labels with the changes incorporated.

We also included two marketing statements since these are not changes but additions to the label, which I believe may be accomplished by Notification.

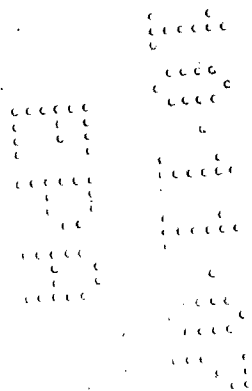
We respectfully request you return a stamped copy upon your approval.

Should you have any questions concerning this submission, please call me at 800-532-0090 ext. 237 or e-mail: hrohland@lebsea.com.

Thanks for your help.

Sincerely,

Henry E. Rohland
EPA Registration Manager



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United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 961-365	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Lebanon Fertilizer with Barricade Preemergence Weed Contro	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Lebanon Seaboard Corporation 1600 East Cumberland Street Lebanon, PA 17042 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

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.)

Response to PR Notice 2007-1 and 2 Marketing statements. Deletions in RED Additions in BLUE
 This notification is consistent with the guidance in PR Notice 2007-1 and the requirements of EPA's regulations at 40 CFR 156.10 and 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 guidance of PR Notice 2007-1 and the requirements of 40 CFR 156.10 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:					
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		2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	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 <input type="checkbox"/>	
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 Henry E. Rohland	Title EPA Registration Manager	Telephone No. (include Area Code) 77-273-1685			
Certification 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.					6. Date Application Received (Stamped)
2. Signature 		3. Title EPA Registration Manager			
4. Typed Name Henry E. Rohland		5. Date 10 Oct 07			

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LEBANON FERTILIZER WITH BARRICADE® 0.38% PREEMERGENCE WEED CONTROL

ACTIVE INGREDIENT:

Prodiamine: [N³,N³-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine 0.38%

INERT INGREDIENTS: 99.62%

TOTAL 100.00%

EPA Reg. No. 961-365

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

(L) (D)
EPA Est. 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% (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.

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- 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.

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. ~~**STORAGE:** Store this product only in its original container in a dry, cool, secured storage area, away from other fertilizer, food, or food stuffs and separated from other pesticides.~~ **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal: IF EMPTY:** Do not reuse this container. Place in trash or offer for recycling if available. **IF PARTLY FILLED:** Use as directed or call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. ~~**DISPOSAL: If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.~~

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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL. 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

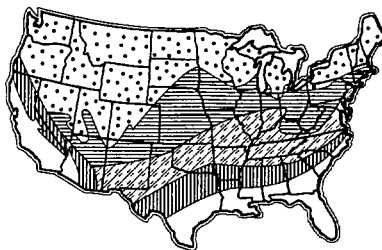
Apply uniformly with suitable, calibrated application equipment.

ESTABLISHED TURF

LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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



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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 0.38% PREEMERGENCE WEED CONTROL in turfgrasses and lawns:

Application of LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL is related to the rate applied.

MAXIMUM ANNUAL RATES

LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% 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	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

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 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 0.38% PREEMERGENCE WEED CONTROL per calendar year.
- Use higher rates of LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL will provide control of the following weeds:

Barnyardgrass	Chickweed, Common	Crowfootgrass	Henbit	Knotweed
Bluegrass, Annual	Chickweed, Mouseear	Cupgrass, Woolly	Itchgrass	Kochia
(<i>Poa annua</i>)	(from seed)	Foxtails, Annual	Johnsongrass (from seed)	Lambsquarter, Common
Carpetweed	Crabgrass (large, smooth)	Goosegrass ¹⁾	Junglerice	Lovegrass

Panicum (Texas, Fall,
Browntop)
Pigweed

Purslane, Common
Pusley, Florida
Rescuegrass³

Shepherd's Purse²
Signalgrass, Broadleaf
Speedwell, Persian

Sprangletop
Spurge, Prostrate
Witchgrass

Woodsorrel, Yellow ^{7/11}
(from seed)

¹ In many areas a single application of 170 to 395 lbs./Acre of LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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.

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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL Rate (lb./A)

Product	AI	Months Before Overseeding		
		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)

LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL may be applied for residual preemergence weed control in ornamentals.

USE RATES

Apply LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL at 170 to 395 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 395 lbs./Acre.

APPLICATION TIMING AND INFORMATION

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

ESTABLISHED LANDSCAPE ORNAMENTALS

LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL in the soil.

NEWLY TRANSPLANTED LANDSCAPE ORNAMENTALS

LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL. Apply LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL will not harm most trees, shrubs, vines and flowers. The species listed below are tolerant to LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL. Best results will be obtained when LEBANON FERTILIZER WITH BARRICADE 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL 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 0.38% PREEMERGENCE WEED CONTROL.

<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>Crococsmia</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>Artemesia</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>Forsythis 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; Helli
<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, 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>	Stoncrop
<i>Ophiopogon japonicus</i>	Mondo Grass	<i>Thuja occidentalis</i>	Stoncrop; Lidakense
<i>Osmanthus heterophyllus</i>	Osmanthus (False Holly): Gulf Tide	<i>Trachelospermum asiaticum</i>	Stoncrop
<i>Osteospermum fruticosum</i>	Trailing African Daisy	<i>Tsuga canadensis</i>	Stoncrop; Dragon's Blood
<i>Oxydendrum arboreum</i>	Sourwood	<i>Tulipa spp.</i>	Spirea; Anthony Waterer
<i>Paeonia suffruticosa</i>	Tree Peony	<i>Veronica sp.</i>	Spirea: Anthony Waterer
<i>Pennisetum setaceum</i>	Fountain Grass (Dwarf)	<i>Viburnum japonicum</i>	Australian Brushcherry
<i>Perovskia atriplicifolia</i>	Avocado*	<i>V. odoratissimum</i>	Japanese Yew
<i>Persea americana</i>	Frasier's Photinia (Redtip)	<i>V. plicatum</i>	Yew
<i>Photinia Fraseri</i>	Dragonhead, False; Vivid	<i>V. rigidum</i>	Germander
<i>Physotegia Virginiana</i>	Spruce species** (Colorado Blue, Norway, etc.)	<i>V. suspensum</i>	Meadow Rue
<i>Picea spp.</i>	Lily-of-the-Valley Bush	<i>V. tinus</i>	American Arborvitae
<i>Pieris japonica</i>	Calabrian Pine	<i>V. trilobium</i>	Star Jasmine
<i>Pinus brutia</i>	Canary Island Pine	<i>V. wrightii</i>	Canada Hemlock
<i>P. canariensis</i>	Slash Pine	<i>Vinca major</i>	Tulip species
<i>P. elliotii</i>	Aleppo Pine	<i>Vinca minor</i>	Veronica, Speedwell; Sunny Border
<i>P. halepensis</i>	Austrian Pine	<i>Vitis sp.</i>	Japanese Viburnum
<i>P. nigra</i>	Longleaf Pine	<i>Weigela florida</i>	Sweet Viburnum
<i>P. palustris</i>	Monterey Pine	<i>Yucca aloifolia</i>	Japanese Snowball
<i>P. radiata</i>	Japanese Black Pine	<i>Y. filamentosa</i>	Canary Island Viburnum
<i>P. Thunbergiana</i>	Eastern White Pine		Arrowood Viburnum
<i>P. strobus</i>	Scotch Pine		Laurustinus
<i>P. syvestris</i>	Loblolly Pine		Cranberry Bush
<i>P. taeda</i>	Virginia Pine		Leatherleaf Viburnum
<i>P. virginiana</i>	Pistachio*		Greater Periwinkle, Vinca
<i>Pistachio sp.</i>	Queensland Pittosporum		Common Periwinkle, Vinca
<i>Pittosporum rhombifolium</i>			Grape*

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

LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read this Limitation of Warranty and Limitation of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

It is impossible to eliminate all risks inherently 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 The Manufacturer or Seller. All such risks shall be assumed by Buyer or User.

The Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. **THE MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no event shall The Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

The Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing limitations of warranty and limitation of liability, which may not be modified by any oral or written agreement.

Additional Labeling Requirements:

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>

Advertising Claims:

Practical Solutions For Turf Professionals

Practical Solutions For Serious Turf Professionals

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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.	3 1/2	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 1/2
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.