

961-360

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Sylvia Whitman
State Registration Manager
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

OCT 28 2009

Dear Ms. Whitman:

Subject: Lebanon Fertilizer with Dimension® Crabgrass Control
EPA Registration No. 961-360
Application and Your Letter Dated January 24, 2007,
Request to Amend Registration by Adding Optional
Fertilizer Marketing Claims, Delete the "Recommends"
Claims in Direction of Use, and to Add "Green-Smart
Technology and Green-Smart Formula as Fertilizer Claims

The proposed labeling amendments to the subject registration of "Lebanon Fertilizer with Dimension® Crabgrass Control" have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, provided that you:

- o Submit one (1) copy of the final printed labeling before you release this product for shipment under the subject labeling.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under this labeling constitutes acceptance of this condition.

A stamped copy of the proposed label is enclosed for your records.

Sincerely yours,

/s/

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

20910

LEBANON FERTILIZER WITH DIMENSION® CRABGRASS CONTROL

Dimension® is a selective herbicide that provides control of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes.

ACTIVE INGREDIENT:

*Dithiopyr	0.13%
OTHER INGREDIENTS:	99.87%
TOTAL	100.00%

*This product contains 0.065 lb. of the active ingredient, dithiopyr, per 50 lb. bag.
Product protected by U.S. Patent No. 4,692,184. Other patents pending.

EPA Reg. No. 961-360
Cas No. 97886-45-8

(L) (D)
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.

In New York State, this product may only be used by Professional Applicators at no more than 8.8 lbs. per 1000 sq. ft. (0.5 lb. active ingredient per acre) per year; and is prohibited for use in Nassau and Suffolk Counties.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Back Panel for Additional Precautionary Statements.

**ACCEPTED
OCT 28 2009**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

961-360
XX%

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX%
X.X% Ammoniacal Nitrogen	
X.X% Water Insoluble Nitrogen	
X.X% Urea Nitrogen	
X.X% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	XX%
Soluble Potash (K ₂ O)	XX%

Nutrient Sources: (Guaranteed Analysis and Nutrient Sources to be supplied based on fertilizer analysis used by manufacturer.)

MANUFACTURED BY:
LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
www.lebsea.com or www.LebanonTurf.com
Made in the U.S.A.

**NET WEIGHT: XX LBS. (X.X kg)
COVERS: X,XXX Sq. Ft.**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction 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 INHALED:**
 - Move person to fresh air.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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. For Emergency Medical Information call (888) 208-1368. For any other emergency involving this product, call day or night (800) 424-9300.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES.

PRODUCT INFORMATION

This product is a selective herbicide that provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes. This product will not harm nearby established ornamentals when used according to label directions.

USE PRECAUTIONS

Turfgrass Safety

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical-related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Cool-Season Grasses

- Bentgrass, creeping* (*Agrostis palustris*)
- Bluegrass, Kentucky (*Poa pratensis*)
- Fescue, fine** (*Festuca rubra*)
- Fescue, tall (*Festuca arundinacea*)
- Ryegrass, perennial (*Lolium perenne*)

Warm-Season Grasses

- Bahiagrass (*Paspalum notatum*)
- Bermudagrass (*Cynodon dactylon*)
- Buffalograss*** (*Buchloe dactyloides*)
- Carpetgrass (*Axonopus affinis*)

- Centipedegrass (*Eremochloa ophiuroides*)
- Kikuyugrass (*Pennisetum clandestinum*)
- St. Augustinegrass (*Stenotaphrum secundatum*)
- Zoysiagrass (*Zoysia japonica*)

* Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested.

DO NOT apply this product to Colonial bentgrass (*Agrostis tenuis*) varieties.

** Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf', and 'Waldina'. Not all varieties of fine fescue have been tested.

*** **DO NOT** use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

NOTE: It is not possible to evaluate all turfgrass varieties for tolerance to Dimension. It is suggested that the user evaluate the response of turfgrass varieties to this product on a limited area, at specified use rates, prior to initiating large-scale use.

RESEEDING, OVERSEEDING, OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas with this product should be delayed until 12 weeks from the time of application. Reseeding, overseeding or sprigging before 12 weeks after application may prevent establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. If overseeding with perennial ryegrass in the fall, overseed 8 weeks or later after a single application. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

OTHER USE PRECAUTIONS

The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller.

For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. **DO NOT** apply this product until the grass has recovered from these cultural practices.

- **DO NOT** use clippings from treated turf for mulching around vegetables or fruit trees.
- Keep people and pets off treated areas until dust has settled.

APPLICATION DIRECTIONS

Control of Crabgrass

Preemergence and Early Postemergence Control

This product provides "preemergence" control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.

It can also provide "early postemergence" control of crabgrass. Postemergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first see the crabgrass plants in the lawn or turf. The practical benefit of this product's early postemergence activity is that it can give the user a 2-4 week longer period of time to make applications to control crabgrass.

Application Frequency and Timing

This product may be applied as a single application or as a split application for crabgrass control in the spring, summer, or fall.

Spring Applications

For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the control programs listed in Table 1 below, depending on the user's location, the turfgrass mowing height, and whether the use is preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

- Use Program 1 (given in Table 1, below) for preemergence control at sites where the turfgrass is cut high (e.g., homeowner lawns). This program provides 3-5 months of preemergence crabgrass control. This program should not be used for early postemergence crabgrass control.
- Use Program 2 for preemergence control at sites where (a) turfgrass is cut low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass.
- Where split fertilizer applications are suggested, a rate in Table 1 may be applied in two applications made 6-10 weeks apart and prior to crabgrass emergence.

Table 1: Application Use Rates For Crabgrass*
(Lbs. of this Product per 1,000 Sq. Ft.)

PROGRAM	1	2
USE (turfgrass cut)	PREEMERGENCE (high)	PREEMERGENCE (low)
		POSTEMERGENCE
REGION		
North	2.2	4.4
Transition	3.2	6.4
South	4.4	8.8
Coastal South	6.4	8.8**

Fall Applications

This product can also be applied in the late summer or early fall (late August through November) at the use rates listed in Table 2 to provide control of crabgrass through the summer.

The fall application should be followed by an appropriate spring application to provide season-long control.

Table 2: Application Use Rates For Fall Applications
(Lbs. of Product per 1,000 Sq. Ft.)

REGION	Preemergence
North	6.4
Transition	8.8*
South	8.8*
Coastal South	8.8*

*DO NOT apply more than 8.8 lbs. of this product per 1000 sq. ft. per application, and no more than 26.4 lbs. of this product per 1000 sq. ft. per year.

In New York State, this product may only be used by Professional Applicators at no more than 8.8 lbs. per 1000 sq. ft. (0.5 lb. active ingredient per acre) per year; and is prohibited for use in Nassau and Suffolk Counties.

Postemergence control is limited; see "Crabgrass Control" and "Precautions" sections above. Regions include areas listed below.

- North:** All other areas.
- Transition:** DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY, and RI.
- South:** AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN, and TX.
- Coastal South:** HI, FL, and southern coastal areas of AL, GA, LA, MS, NC, SC, and TX.

**** May require split or sequential applications for full control.**

Tips for Improved Control

For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.

When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result.

Use of split (half-rate) applications spaced 6-8 weeks apart may provide improved weed control.

Control of Other Grass and Broadleaf Weeds

Spring Applications

Used as directed for crabgrass control in the spring (Table 1), this product will also control or suppress the following weeds when applied prior to their emergence:

Barnyardgrass	Goosegrass	Oxalis (buttercup, creeping & yellow woodsorrel)	Smutgrass
Bluegrass (annual, roughstalk)	Kikuyugrass	Purslane (common)	Speedwell (corn)
Crowfootgrass	Lespedeza (common)	Ryegrass (annual & perennial)	Spurge (prostrate & spotted)
Foxtail (yellow & green)*			

*Also controlled at the Program 2 rates.

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Fall Applications

Used as directed for late summer or early fall use, for crabgrass control through the early part of the next spring (Table 2), this product will also control or suppress the following weeds when applied prior to their emergence:

Bluegrass (annual, roughstalk)	Chickweed	Henbit	Pineappleweed
Bittercress	Geranium (Carolina)	Parsley-piert	Shepherdspurse

APPLICATION EQUIPMENT INSTRUCTIONS

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate listed above. Apply this product uniformly over the lawn or ornamental turf area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

SUGGESTED SPREADER SETTINGS

[Note: Registrant/Subregistrant may insert appropriate spreader setting information based on desired spreaders and specified use rates.]

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 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:

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 specified 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>

*Dimension is a registered trademark of Dow AgroSciences LLC.

For technical assistance or more information about our products visit www.LebanonTurf.com
Pre & Postemergent Annual Grassy Weed Control

Optional Fertilizer Marketing Claims

1. Grow healthier plants faster
2. Promotes root growth for a thicker, greener lawn
3. Promotes root growth and increases root mass for a thicker, greener lawn
4. Zero phosphate helps protect our waterways
5. Easier on the gardener & increases the likelihood of success
6. Gets more nutrients into the plant, not just the soil
7. Promotes root growth & stronger, deeper roots – enhancing nutrient absorption by grass roots
8. Contains NutriLife® [Logo for NutriLife on page 8]
9. Improved Nitrogen Efficiency – Reduces Leaching
10. Provides your soil with nutrients
11. Restores nutrients to your soil
12. The fertilizer that improves efficiency and lowers application rates providing high quality turf at a reduced cost
13. Enhances seedling establishment
14. Increases root mass
15. Gets more nutrients into the plant, not just the soil
16. Promotes root growth & stronger, deeper roots – enhancing nutrient absorption by grass roots
17. Enhances nutrient absorption
18. Enhances nutrient absorption for stronger, deeper roots
19. Easier on the gardener for a greener, thicker lawn
20. Easier way to a greener, thicker lawn
21. Easy way to a greener, thicker lawn
22. Easy way to a thick, green lawn
23. The Easy Way To A Greener, Thicker Lawn
24. Increases nutrient uptake thereby increasing root mass
25. Larger and stronger root system results in a more robust plant [lawn] and reduces the negative effects of stress such as drought on the turf [lawn]
26. Formulated to release nutrients [fertilizer] to the plants for easy absorption [uptake]
27. Allows the use of less Nitrogen
28. Increase nutrient uptake in grass up to 20%
29. Enhances nutrient absorption by grass roots, promoting root growth & stronger, deeper roots

30. Puts more nutrients into the plant, with less leaching from the soil
31. 20% less nutrients required for the same great lawn results
32. Improved nutrient release and absorption into the lawn allows 20% less nutrients to be applied while still providing quality lawn
33. Lowers your cost of fertilizing for the same great lawn results
34. 20% lower rates of applied nutrients results in lower costs while still getting more of the applied nutrients absorbed into the plant so less can be applied at a lower cost
35. Reduces stress on lawns, protecting them from drought & heat
36. Reduces stress on lawns, protecting them from drought & heat
37. Requires less watering by growing deeper, stronger roots
38. Requires less watering
39. Less water needed
40. Less watering needed
41. Less watering needed, drought resistant
42. Reduces plant [lawn] stress related to drought
43. Reduces plant [lawn] stress related to drought, more nutrient absorption
44. Reduces Stress On Lawns, Protects From Drought & Heat
45. Reduces plant stress related to drought, poor nutrient response
46. Utilizes less fertilizer
47. Faster establishment
48. Enhances nutrient absorption by grass roots, promoting root growth & stronger, deeper roots
49. More robust plants [lawn] with more nutrients and deeper roots are more colorful and grow to a thicker lawn
50. Allows for easier nutrient uptake into the plant [lawn] thus promoting stronger and deeper rooting
51. Improved nutrient release and absorption results in more nutrients in the plant [lawn] [turf] for healthy strong roots
52. Improved nutrient release makes it easy on plants [lawns] [turf] to absorb nutrients, making it easy for plants [lawns] [turf] to grow more colorful
53. Gets more nutrients into the plant by restoring nutrients in the soil
54. Gets more nutrients into the plant by revitalizing the soil
55. Gets more nutrients into the lawn by making it easier for lawns to absorb
56. Gets more nutrients into the lawn by making it easier for lawns to absorb nutrients
57. Gets More Nutrients Into Lawns, Easier For Lawns To Absorb
58. Gets More Nutrients Into Lawns
59. Gets More Nutrients Into The Lawn, Not Just The Soil
60. Easier For Lawns To Absorb
61. Enhances soil/nutrient availability & balance
62. Greater gardener satisfaction by increasing the likelihood of lawn success
63. Greater satisfaction by increasing the likelihood of lawn success
64. More nutrient absorption leads to stronger and deeper root systems that can take in water deeper from the soil resulting in a more robust lawn that is more drought resistant and requires less additional watering
65. Unlocks the nutrients in soil, enhancing nutrient absorption, reducing stress on lawns, protecting them from drought & heat
66. Unlocks the nutrients in soil, enhancing nutrient absorption, so you can grow a thicker, greener lawn with less water
67. Unlocks the nutrients in your soil
68. Green-Smart™ Technology

- 69. [Contains] [With] Green-Smart™ Technology
- 70. Green-Smart™ Technology (logo)
- 71. Green-Smart Formula™
- 72. [Contains] [With] Green-Smart Formula™
- 73. Green-Smart Formula™ (logo)
- 74. Green-Smart improves plant and soil health.
- 75. Homogeneous Fertilizer
- 76. Proscapa is a registered trademark of Lebanon Seaboard Corporation
- 77. Mesa is a registered trademark of Lebanon Seaboard Corporation
- 78. LebanonTurf



NutriLife® is a registered trademark of Advanced Microbial Solutions, LLC.



Green-Smart™ Technology is Lebanon Seaboard Corporation's proprietary reference to fertilizer technology containing NutriLife®.

NutriLife® is a registered trademark of Advanced Microbial Solutions, LLC.
Green-Smart™ Technology is a trademark of Lebanon Seaboard Corporation.



Green-Smart Formula™ is Lebanon Seaboard Corporation's proprietary reference to fertilizer technology containing NutriLife®.

NutriLife® is a registered trademark of Advanced Microbial Solutions, LLC.
Green-Smart Formula™ is a trademark of Lebanon Seaboard Corporation.