

10404-86



6/20/2008

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460  
Potomac Yard (South Building)  
2777 S. Crystal Drive  
Arlington, VA

1/6

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

20 JUN 2008

Mr. John M. Olzinger  
Manager, Regulatory Affairs  
LESCO, Inc.  
1301 East 9th Street, Suite 1300  
Cleveland, OH 44114-1849

Subject: 0.15% Dimension Plus Fertilizer  
EPA Registration No. 10404-86  
Application and Letter Dated January 10, 2008, Request To Amend Register by  
"Notification" with Revised Labeling of Warranty and Disclaimer Section, Revise  
Spreader Listing, Deleting 2-3 month Control Column, Add KY fertilizer  
Language; and Response To Agency's Review : FAXed Review Dated February 13,  
2008, Requesting Revised Labeling and Revised Confidential Statement of Formula  
(CSF): Application and Letter Dated February 14, 2008, Resubmission of Revised  
Labeling and Revised CSF

Drear Mr. Olzinger:

The revised Basic, Confidential Statement of Formula submitted on EPA Form 8570-4  
dated February 14, 2008 has been reviewed and found to be acceptable under the  
Federal Insecticide, Fungicide and Rodenticide Act, as amended. This basic CSF  
supersedes all other CSF for this pesticide product. A copy of the amended CSF has been  
added to this Agency's file for this product.

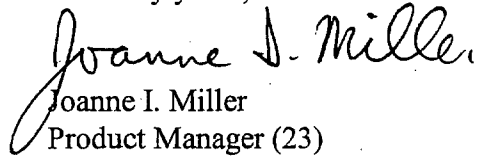
The revised labeling submitted with the February 14, 2008 application and letter, also  
has been reviewed and found acceptable under the Act , provided that you:

1. Revise the chemical expression for the active ingredient, dithiopyr to read:  
"S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-  
pyridinedicarbothioate"
2. Submit one copy of the final printed labeling for Dimension® 0.15% Plus Fertilizer"

If these conditions are not complied with, this registration will be subject to cancellation in  
accordance with FIFRA, as amended, section 6(e). Your release for shipment under this labeling  
constitutes acceptance of these conditions. A stamped copy of the label that is to be revised is

enclosed for your records. Your response to the above comments must conform with the EPA "General Information on Applying for Registration of Pesticides in the United States", Second Edition, August 1992. Please use EPA Application Form 8570-1 completed in required detail.

Sincerely yours,



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

Enclosure

# DIMENSION® 0.15% Plus Fertilizer

### ACTIVE INGREDIENT:

Dithiopyr: S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate ..... 0.15%

**INERT INGREDIENTS:** ..... 99.85%

Total: ..... 100.00%

Product protected by U.S. Patent No. 4,692,184. Other patents pending. Read the entire label before using this product. Use only according to label instructions.

### USE PRECAUTIONS

This product should only be applied to lawns and ornamental turfgrasses that are well established. Use of this product on lawns and ornamental turfgrasses that are not well established, or have been weakened by stress due to mechanical operations, pests, excessive temperatures, or lack of moisture, may increase the chances for turfgrass injury. Do not apply to lawns or turfgrasses that are under stress.

### USE ON THE FOLLOWING TURFGRASSES

This product can be applied to the following turfgrasses when used as directed:

- |                                |                                |
|--------------------------------|--------------------------------|
| <b>Cool-Season Turfgrasses</b> | <b>Warm-Season Turfgrasses</b> |
| • Creeping Bentgrass           | • Bahiagrass                   |
| • Fine Fescue                  | • Bermudagrass                 |
| • Kentucky Bluegrass           | • Buffalograss                 |
| • Perennial Ryegrass           | • Carpetgrass                  |
| • Tall Fescues                 | • Centipedegrass               |
|                                | • St. Augustinegrass           |
|                                | • Zoysiagrass                  |

This product should be applied in the spring or fall prior to weed seed germination in established and newly germinated lawns and ornamental turfgrasses.

It can be applied up to 4 weeks later than other crabgrass preventers and still provide season-long weed control. This is due to the dithiopyr herbicide component of this combination product. This product provides **preventative** (pre-emergence) control of crabgrass and other weeds when applied prior to their germination, and **post-emergence** control of seedling crabgrass. The post-emergence control provided by this product is limited to crabgrass only and will provide control of crabgrass when applied up to 4 weeks after crabgrass germination. Application of this product later than 4 weeks after crabgrass germination will result in reduced control of crabgrass.

For control of other grass and broadleaf weeds, this product must be applied as a preventative treatment before their germination. Only crabgrass will be controlled with delayed applications after germination.

**Tips for Improved Weed Control:** For best results, apply this product within a few days after mowing and delay further mowings after the application until the lawn or ornamental turfgrass has been watered or received significant rainfall to dissolve the fertilizer granules. Improved weed control may be observed when treated lawn or ornamental turfgrass is watered or receives rainfall within a few days after application of this product.

### 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 practice such as soil cultivation, irrigation and fertilization should be followed.

However, 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.

To establish a new lawn of Kentucky Bluegrass, Perennial Ryegrass and/or Tall Fescue, this product may be applied 2 weeks after the first sign of germination. For other tolerant turfgrasses listed on this label, wait until the grass is well established (2 mowings) before applying this product.

- DO NOT apply this product within 8 weeks of seeding.
- DO NOT apply more than 3.82 lb of this product per 1,000 sq ft per application.
- In the State of New York, make only one application per year. In other States do not make more than 3 applications per year spaced at least 2 to 4 months apart according to "Region".
- DO NOT apply to flowers, vegetables, or fruit trees.
- DO NOT use clippings from treated turf for mulching around flowers, vegetables, or fruit trees.
- DO NOT apply this product to pastures.
- Keep people and pets off treated areas until dust has settled.

### WEEDS CONTROLLED

This product will provide control of crabgrass and other grasses and broadleaf weeds listed below when applied prior to germination in established lawns and ornamental turfgrasses.

<b>Grass Weeds:</b>		<b>Broadleaf Weeds:</b>	
Annual Bluegrass	Goosegrass	Bittercrass	Creeping Oxalis
Annual Ryegrass	Green Foxtail	Buttercup Oxalis	Henbit
Barnyardgrass	Kikuyugrass (seedling)	Carolina Geranium	Parsley-piert
Crabgrass	Perennial Ryegrass	Chickweed	Pineappleweed
Crowfootgrass	Smutgrass (seedling)	Common Lespedeza	Prostrate Spurge
	Yellow Foxtail	Common Purslane	Spotted Spurge
		Corn Speedwell	Yellow Woodsorrel

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

### FIRST AID

If swallowed	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact CHEMTREC at 1-800-424-9300 for emergency medical treatment information.

### 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.

#### 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 a manner that is 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.**

#### GENERAL INFORMATION

This product is a premium quality combination product that provides both weed control and the required nutrients for optimum turfgrass growth all in a single product.

It contains Dimension herbicide that can be applied up to 4 weeks later than other crabgrass preventers, and provides up to 4 months control of crabgrass and other grasses and broadleaf weeds when applied prior to their germination in lawns and ornamental turfgrasses.

Apply to well-established lawns and ornamental turfgrasses listed below. (See "Use on the following Turfgrasses" section for a list of the tolerant turfgrasses). This product will not harm nearby established ornamentals when used according to directions given below.

**#XXXXXX**

**NOTIFICATION**

MAR 28 2008

4/6

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**

20 JUN 2008

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

10404-86

# DIMENSION® 0.15% Plus Fertilizer

## WHEN TO APPLY - APPLICATION TIMINGS

This product may be applied either in the spring or in the fall for the control of weeds. When this product is applied in the fall, a sequential or second application should be made the following spring to provide season-long control of weeds.

If this product is applied in the fall, DO NOT reseed, overseed, or sprig turfgrasses before 8 weeks after application of this product due to potential turfgrass injury to the newly reseeded, overseeded, or sprigged turfgrasses.

When establishing a new lawn of Kentucky Bluegrass, Perennial Ryegrass, and/or Tall Fescue, this product should not be applied prior to 8 weeks before seeding, but may be applied two weeks to 8 weeks after the first sign of grass germination.

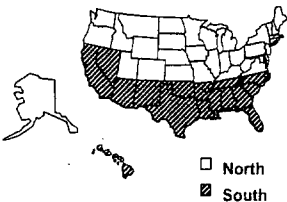
## LENGTH OF WEED CONTROL

This product may provide up to 4 months of weed control if applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States where this product is being applied. Please check the map below to determine which "Region" of the U.S. that applies to your particular use area, and find the number of pounds of this product needed in your area based on the length of weed control given in the Recommended Use Rates for This Product.

## POST-EMERGENCE CRABGRASS CONTROL

For post-emergent crabgrass control, apply this product at the recommended rates when crabgrass is not beyond the 3-4 leaf stage. Applications will control existing crabgrass up to the 4 leaf stage and prevent further growth.

North-South Use Regions in the United States:



**When to Apply this Product**  
 Northern Zone - March to April  
 Southern Zone - January to March

## HOW TO APPLY - APPLICATION EQUIPMENT AND INSTRUCTIONS

This product can be applied with a rotary or drop type spreader designed to apply granular fertilizers. For best results, apply the product evenly and uniformly over the turfgrass area, avoiding streaking, skips, or overlaps. 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. Adjust the spreader settings such that the spreader delivers the appropriate application rates of this product as recommended below.

A more uniform application can be made by spreading one-half of the recommended amount of this product over the turfgrass area and then applying the remaining one-half of this product at a right angle to the previous application direction. Check application equipment frequently to ensure equipment is functioning properly and applying a uniform distribution of product.

## RECOMMENDED USE RATES FOR THIS PRODUCT

----- Length of Weed Control -----		
(Pounds of this product to apply per 1,000 sq ft of turfgrass)		
Region of U.S.	3-4 Months Control	Early Post-Emergence Control
North	2.67 (0.174 lb ai/acre)	3.82 (0.25 lb ai/acre)*
South/West	3.82 (0.25 lb ai/acre)*	3.82 (0.25 lb ai/acre)*

\*Use the higher rate in areas of high weed pressure.  
 When applied at 3.82 lb per 1,000 sq ft, this product will provide XX lb of nitrogen per 1,000 sq ft.

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing \*(X.XX lbs.) pounds of nitrogen per 1,000 square feet at the 2.67 lb rate or (X.XX lbs.) pounds of nitrogen per 1,000 square feet at the 3.82 lb rate (optional P2O5 and K2O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program. (\*Based on Inert Fertilizer claimed)

## SUGGESTED SPREADER SETTINGS\*

Rotary Spreaders	Setting
LESCO Commercial Calibration Gauge (80 lb hopper and larger)	XX
Vigoro® 4300	XX
SCOTT'S® Broadcast/Rotary Spreaders: (SCOTT'S® Basic®, Standard™, Deluxe EdgeGuard®, or SpeedyGreen®)	XX

\*IMPORTANT: These settings are only approximate. Age, condition of spreader, and operator speed can cause wide variation. Be sure to calibrate your spreader with each application.

# X-X-X

## GUARANTEED ANALYSIS

Total Nitrogen (N)	XX.XX%
XX.XX% Ammoniacal Nitrogen	
XX.XX% Urea Nitrogen*	
XX.XX% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	XX.XX%
Soluble Potash (K <sub>2</sub> O)	XX.XX%
MAGNESIUM (Mg) Total	XX.XX%
XX.XX% Water Soluble Magnesium	
SULFUR (S) Total	XX.XX%
XX.XX% Free Sulfur (S)	
XX.XX% Combined Sulfur (S)	
COPPER (Cu) Total	XX.XX%
XX.XX% Water Soluble Copper (Cu)	
IRON (Fe) Total	XX.XX%
XX.XX% Water Soluble Iron (Fe)	
MANGANESE (Mn) Total	XX.XX%
XX.XX% Water Soluble Manganese	
ZINC (Zn) Total	XX.XX%
XX.XX% Water Soluble Zinc (Zn)	
DERIVED FROM:	
CHLORINE (Cl) Max.	XX.XX%
*X.XX% Slowly available Urea Nitrogen from Polymer Coated Sulfur Coated Urea.	

## STORAGE AND DISPOSAL

**Storage:** Store this product only in its original container in a dry, cool, secure storage area. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Empty Bag Disposal:** Do not reuse bag. Dispose of emptied bag(s) in a sanitary landfill or by incineration.

**Partly Filled Bag Disposal:** Call you local sold waste agency or [1-800-CLEANUP] for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Spill:** In case of spill, sweep up material and dispose of material according to "Partly Filled Bag Disposal" directions listed above.

**NOTICE:** Before using this product, read the entire Precautionary Statements, Directions for Use, Storage and Disposal Instructions and Warranty Statements. If the Warranty Statements are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

## CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully and completely. It is impossible to eliminate all risks inherently associated with the use of this product. To the extent consistent with applicable law, Buyer and/or User assume all risks of ineffectiveness or other unintended consequences or damages that may result from conditions outside or beyond the control of LESCO, Inc. including but not limited to, such factors as manner of use or application, weather or weather conditions outside the range considered normal at the application site or for the time period in which the product is applied, the presence of other materials, incompatible products, or other influencing factors which are beyond the control of LESCO, Inc. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and/or User, and Buyer and/or User agrees to hold LESCO, Inc. harmless for any claims relating to such factors.

LESCO, Inc. 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, subject to the inherent risks referred to above, when used in accordance with the Directions for Use under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of LESCO, Inc. and Buyer and/or User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LESCO, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE BUYER AND/OR USER AND THE EXCLUSIVE LIABILITY OF LESCO, INC. FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF LESCO, INC. REPLACEMENT OF THE PRODUCT, OR IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL LESCO, Inc., BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

LESCO, Inc. offers this product, and Buyer and/or User accepts it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of LESCO, Inc.

6/6

Information concerning the raw materials composing this product can be obtained by writing to:  
LESCO, Inc., Attn: RA Dept., 1301 East 9<sup>th</sup> Street, Suite 1300, Cleveland, Ohio 44114-1849,  
referring to the item number found on this bag.

Information regarding the contents and levels of metals in this product is available on the Internet at  
<http://www.regulatory-info-a1.com>.

LESCO and Poly Plus are registered trademarks and Lifeguard and the sweeping design are  
trademarks of LESCO Technologies, LLC. DIMENSION is a registered trademark of Dow  
AgroSciences. Poly Plus is comprised of Polymer Coated Sulfur Coated Urea. SCOTT'S is a  
registered trademark of The SCOTT Company. Vigoro is a registered trademark of United  
Industries.

G:\REGUL\WPI\Regul Private\MstrLbl\New EPA Approved\DIMENSION 015 NC FORMATTED.doc  
(071106) Rev.: 2/13/08

**NET WEIGHT XX lb (XX kg)**

**EPA REG. NO. 10404-86**

**EPA EST. NO. 82757-OH-001 (M), 82757-FL-001 (S)**

First letter of lot code indicates manufacturing site.

**#XXXXXX**

**F1560**

Distributed by:

**LESCO, Inc.**

1301 East 9<sup>th</sup> Street  
Cleveland, OH 44114-1849