

# DIMENSION\* 0.10% Plus Fertilizer

**NOT FOR USE on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.**

In New York State this product may only be used by commercial applicators and at no more than 500 lb (0.6 lb of active ingredient) per acre per year (or 11.5 lb product per 1,000 ft<sup>2</sup> per year) and is prohibited from use in Nassau and Suffolk Counties.

Contains LESCO® Poly Plus® Sulfur Coated Urea to provide a uniform growth with extended nitrogen feeding.

**ACTIVE INGREDIENT:**

Dithiopyr, S,S'-dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarboxylate ..... 0.10%

**INERT INGREDIENTS:** ..... 99.90%  
Total: ..... 100.00%

Product protected by U.S. Patent No. 4,692,194. Other patents pending.

Read the entire label before using this product. Use only according to label instructions.

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

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

<b>If swallowed</b>	<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>
<b>If in eyes</b>	<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>
<b>If on skin or clothing</b>	<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>
<b>If inhaled</b>	<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 Chem-Trec 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. Wear protective eyewear such as goggles, face shield or safety glasses. 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 any manner inconsistent with its labeling.

#### GENERAL INFORMATION

This product is a herbicide that provides control of crabgrass, 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.

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 these use directions, the following established turfgrasses are tolerant to this product:

Cool-Season Grasses	
Common Name	Scientific Name
Bentgrass, creeping*	<i>Agrostis palustris</i>
Bluegrass, Kentucky	<i>Poa pratensis</i>
Fescue, fine**	<i>Festuca rubra</i>
Fescue, tall	<i>Festuca arundinacea</i>
Ryegrass, perennial	<i>Lolium perenne</i>

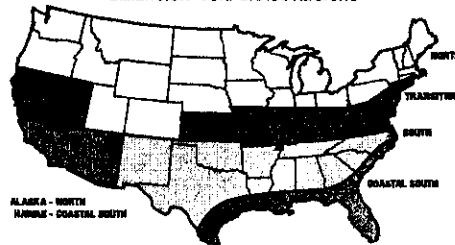
Warm-Season Grasses	
Common Name	Scientific Name
Bahiagrass	<i>Paspalum notatum</i>
Bermudagrass	<i>Cynodon dactylon</i>
Buffalograss***	<i>Buchloe dactyloides</i>
Carpentergrass	<i>Axonopus affinis</i>
Centipedeagrass	<i>Eremochloa ophiuroides</i>
Kikuyugrass	<i>Pennisetum clandestinum</i>
St. Augustinegrass	<i>Stenolophrum secundatum</i>
Zoysiagrass	<i>Zoysia japonica</i>

DO NOT apply this product to Colonial Bentgrass (*Agrostis tenuis*) varieties. \*Use of this product on certain varieties of Creeping Bentgrass, such as 'Cohoney', 'Camen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of Creeping Bentgrass have been tested.

\*\*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', 'Eljart', 'CF-2', 'Enjoy', 'HF-63', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pamman', 'Tamar', 'Tajana', 'Walkoff', and 'Waldin'. 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.

#### DIMENSION\* TURFGRASS REGIONS



#### 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.

#### USE PRECAUTIONS

- Not for use on Golf Course Putting Greens.
- The early post-emergence crabgrass control described below is limited. Post-emergence 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-aeration, and verticutting, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.
- Apply this product directly to established lawns or ornamental turfs only.
- DO NOT apply to flowers, vegetables, shrubs, or trees.
- DO NOT use clippings from treated turf for mulching around vegetables or fruit trees.
- DO NOT apply this product to pastures. Keep people and pets off treated areas until dust has settled.

# 19-0-3

#### GUARANTEED ANALYSIS

TOTAL NITROGEN (N) .....	19.00%
19.00% Urea Nitrogen*	
SOLUBLE POTASH (K <sub>2</sub> O) .....	3.00%
SULFUR (S) Total .....	1.75%
1.75% Free Sulfur (S)	
DERIVED FROM Polymer Coated Sulfur Coated Urea, Urea, Muriate of Potash.	
CHLORINE (Cl) Max. ....	2.25%
*5.13% Slowly available Urea Nitrogen from Polymer Coated Sulfur Coated Urea	

## #097909

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(Front)

Net Weight: 50 lb (22.7 kg)

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SPRING

1385 East 36<sup>th</sup> Street, Cleveland, OH 44114-4114  
**EMERGENCY PHONE:** LESCO: (800) 321-5325  
**CHEMTREC:** (800) 424-9300

**DATE ISSUED:** 1/26/11  
**SUPERSEDES:** 9/7/10

### I. PRODUCT IDENTIFICATION

**PRODUCT NAME:**

LESCO® Professional Control Product Dimension (0.07%, 0.10%, 0.15%, 0.21%) plus Fertilizer;  
 LESCO® Dimension (0.15%, 0.19%, 0.22%) Plus Turf and Ornamental Fertilizer  
 LESCO® Scenic Green™ Crabgrass Pre-emergent + Lawn Fertilizer;  
 LESCO® Dimension (0.21%) Plus Fertilizer;  
 LESCO® Dimension Crabgrass Pre-Emergent Plus Fertilizer  
 Treeland Dimension 0.10% Plus Fertilizer;  
 Best Greening Systems Crabgrass Pre-Emergent Plus Fertilizer;  
**Chemical Family:** Fertilizer with Herbicide  
**Chemical Name/Synonyms:** Dithiopyr; Dimension

### II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Dithiopyr, 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6(trifluoromethyl)-S,S-dimethyl ester	0.07 – 0.22	97886-45-8	Not Established
Formulated with one or more of the following ingredients. Check specific product label.			
Urea	0 – 95	57-13-6	10 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Potassium Sulfate	0 – 95	7778-80-5	10 mg/M <sup>3</sup>
Calcium Carbonate	0 – 95	1317-65-3	15 mg/M <sup>3</sup> (dust)
Methylene Urea	0 – 60	9011-05-6	5 mg/M <sup>3</sup> (resp) 5 mg/M <sup>3</sup> (dust)
Monoammonium Phosphate	0 – 60	7722-76-1	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> TLV
Diammonium Phosphate	0 – 50	7783-28-0	15 mg/M <sup>3</sup> (dust) 5 mg/M <sup>3</sup> (resp)
Sodium bentonite	0 – 50	1302-78-9	15 mg/M <sup>3</sup> (dust)
Potassium Chloride	0 – 20	7447-40-7	10 mg/M <sup>3</sup> (dust)
Ammonium Sulfate	0 – 20	7783-20-2	15 mg/M <sup>3</sup> (dust)
Iron (Ferrous) Sulfate	0 – 20	7720-78-7	15 mg/M <sup>3</sup> (dust)
Manganese Oxide	0 – 20	1317-35-7	15 mg/M <sup>3</sup> (dust)
Magnesium Oxide	0 – 20	1309-48-4	15 mg/M <sup>3</sup> (dust)
Potassium Nitrate	0 – 20	7757-79-1	Not Established
Iron (Ferric) Oxide	0 – 10	1309-37-1	15 mg/M <sup>3</sup> (dust)
Iron (Ferrous) Oxide	0 – 10	8047-67-4	Not Applicable
Magnesium Sulfate	0 – 10	7478-88-9	15 mg/M <sup>3</sup> (dust)
Sulfate of Potash-Magnesia	0 – 10	14977-37-8	NE
Magnesium Carbonate	0 – 10	39409-82-0	15 mg/M <sup>3</sup> (dust)
Sulfur	0 – 5	7704-34-9	5 ppm (SO <sub>2</sub> )
Manganese Compounds	0 – 5	7439-96-5	.5 mg/M <sup>3</sup> (dust)
Sodium Chloride	0 – 5	7647-14-5	10 mg/M <sup>3</sup> (dust)
Biosolids	0 – 25	NA	NE

Substances not 'Hazardous' per OSHA Hazard Communication Standard (29 CFR 1910.1200) may be listed.  
 Where proprietary ingredient shows, the identify may be made available as provided in this standard

### III. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Primary Route(s) of Entry: Eyes, Skin, Inhalation, Ingestion  
**POTENTIAL HEALTH EFFECTS:** Causes eye irritation. Harmful if inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.  
**EYE:** Causes eye irritation.  
**SKIN:** May cause skin irritation.  
**INHALATION:** Overexposure to dusts may cause mucous membrane and upper respiratory irritation and possible lung changes.  
**INGESTION:** Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.  
**MEDICAL CONDITIONS AGGRAVATED:** Skin sensitization in susceptible individuals.  
**POTENTIAL ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff from treated turf may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area. Drift or runoff may adversely affect non-target plants.

### IV. FIRST AID MEASURES

**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.  
**SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.  
**INHALATION:** 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.  
**INGESTION:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.  
**NOTES TO MEDICAL DOCTOR:** Treat symptomatically.

### V. FIRE FIGHTING MEASURES

<b>Flash Point (Method Used):</b> NA	<b>Auto Ignition Temperature:</b> No Data
<b>Lower Explosion Limits:</b> No Data	<b>Upper Explosion Limits:</b> No Data
<b>NFPA/HMIS Rating:</b> Health: 1	<b>Fire:</b> 0 <b>Reactivity:</b> 0
<b>EXTINGUISHING MEDIA:</b>	
<input checked="" type="checkbox"/> Foam	<input type="checkbox"/> Alcohol Foam
<input checked="" type="checkbox"/> Water Spray	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Dry Chemical
	<input checked="" type="checkbox"/> CO <sub>2</sub>

**EXPLOSION HAZARDS:** Dusts may form explosive mixtures with air.  
**FIRE FIGHTING PROCEDURES:** Use extinguishing agent suitable for type of surrounding fire. Exposed firefighters should wear personnel protective equipment appropriate for protection from the surrounding fire. Prevent water run-off from entering drains, sewers, or water sources. Fertilizer will become slippery when wet. Avoid breathing dusts, vapors and fumes from burning materials.  
**HAZARDOUS COMBUSTION PRODUCTS:** May include, but are not limited to, oxides of carbon, hydrogen chloride, hydrogen fluoride, oxides of nitrogen, ammonia, oxides of phosphorus, oxides of sulfur, hydrogen sulfide.

### VI. ACCIDENTAL RELEASE MEASURES

**RELEASE NOTES:** Sweep or shovel dry spills immediately into a container for reuse per label instructions or disposal. Avoid breathing dusts. Avoid contact with eyes, skin and clothing. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

### VII. HANDLING AND STORAGE

**GENERAL PROCEDURES:** 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. Keep away from drains, sewers, and water sources. Wash thoroughly with soap and water after handling.

**OTHER PRECAUTIONS:** Keep away from fire, sparks, or other ignition sources

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Local exhaust to reduce all dusts.

**PERSONAL PROTECTION EQUIPMENT:**

**EYES AND FACE:** Goggles or safety glasses

**RESPIRATORY:** Use NIOSH approved respirator in confined areas.

**GLOVES:** Impervious gloves

**PROTECTIVE CLOTHING:** Long sleeved shirt and long pants; shoes and socks

**WORK HYGIENIC PRACTICES:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE as soon as possible after handling this product and launder separately before reuse. Promptly and thoroughly wash hands and exposed skin with soap and water.

**COMMENTS:** Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** NA

**MELTING POINT:** 133°C (urea)

**VAPOR DENSITY (air = 1):** NA

**ODOR:** Slight ammonia/sulfur odor

**APPEARANCE:** Multi-colored granules

**pH:** NA

**SPECIFIC GRAVITY:** NA

**EVAPORATION RATE:** NA

**VAPOR PRESSURE:** NA

**SOLUBILITY IN WATER:** Disperses

**PERCENT VOLATILE:** NA

**BULK DENSITY (lbs./cu ft):** 45 – 65

### X. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Excessive heat, open flame, other ignition sources

**STABILITY:** Stable

**POLYMERIZATION:** Will not occur

**INCOMPATIBLE MATERIALS:** Strong oxidizers or strong alkalis

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, nitrogen and sulfur. Urea also decomposes to biuret and cyanuric acid.

### XI. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** No Data

**SKIN EFFECTS:** No Data

**DERMAL LC<sub>50</sub>:** No Data

**ORAL LD<sub>50</sub>:** No Data

**INHALATION LC<sub>50</sub>:** No Data

**SENSITIZATION:** Not a sensitizer

**ACUTE EFFECTS FROM OVEREXPOSURE:** Causes eye irritation. May cause skin irritation.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** No Data

**CARCINOGENICITY:**

**IARC:** Not Listed

**NTP:** Not Listed

**OSHA:** Not Listed

**OTHER:** Not Listed

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**XII. ECOLOGICAL INFORMATION**

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**ENVIRONMENTAL DATA:** This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff from treated turf may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area. Drift or runoff may adversely affect non-target plants.

**ECOTOXICOLOGICAL INFORMATION:** No Data

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**XIII. DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS:**

**Product Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**Container Disposal:** Do not reuse bag. Completely empty bag into application equipment. Dispose of emptied bag(s) in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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**XIV. TRANSPORTATION INFORMATION:**

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**DOT Transportation:** Not Regulated  
**Proper Shipping Name:** NA  
**Hazard Class:** NA  
**U.S. Surface Freight Class:** Fertilizing  
Compounds, NOI, Dry  
**Reportable Quantity (RQ):** NA

**ID NO.:** NA  
**Marine Pollution #1:** NA  
**HM 181 Shipping Name:** NA

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**XV. REGULATORY INFORMATION – UNITED STATES**

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**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):**

<u>Y</u> Immediate (Acute Health)	SEC 302: NA
<u>N</u> Delayed (Chronic Health)	SEC 304: NA
<u>N</u> Fire	SEC 313: NA
<u>N</u> Sudden Release of Pressure	CERCLA RQ: NA
<u>N</u> Reactivity	CAA RQ: NA

**EPA Registration No.:** 10404-84 (0.07%); 10404-85 (0.10%); 10404-86 (0.15%); 10404-87 (0.21%); 62719-504-10404 (0.15%); 62719-488-10404 (0.19%); 62719-494-10404 (0.22%)

NOTE: NA=Not Applicable; ND=Not Determined; NE=Not Established

Preparation and distribution of this Material Safety Data Sheet is done for LESCO, Inc., pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on available data. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof; and you should make your investigation to determine safety for the use you contemplate. LESCO makes no warranty of merchantability or of fitness for a particular use, nor is there any other express or implied warranty except as may be specifically provided otherwise on product.

LESCO, Inc. assumes no responsibility or liability for any incidental or consequential damages whether related to personal injury or property damage, to vendees, users or third parties, caused by the material and LESCO's responsibility is limited to replacement of, or repayment of, the purchase price for the material(s) with respect to which any damages are claimed. All vendees or users assume all risk associated with the use of the material(s).

For further information, contact: LESCO, Inc. • 1385 East 36<sup>th</sup> Street, • Cleveland, OH 44114-4114 or (800) 321-5325.