



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 8, 2020

Viviana Torres  
Assistant Regulatory Manager  
LESCO, Inc.  
1385 East 36<sup>th</sup> Street  
Cleveland, OH 44114-4114

Subject: Registration Review Label Mitigation for Pendimethalin  
Product Name: LESCO PRE-M 1.00% PLUS FERTILIZER  
EPA Registration Number: 10404-101  
Application Date: June 28, 2018  
Decision Number: 566967

Dear Ms. Torres:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Pendimethalin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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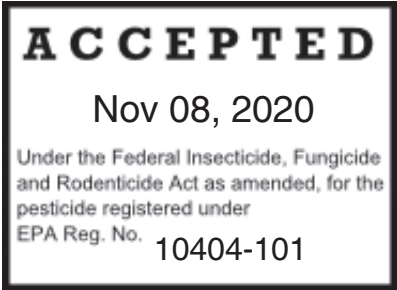
If you have any questions about this letter, please contact Srijana Shrestha by phone at 703-305-6471, or via email at [Shrestha.srijana@epa.gov](mailto:Shrestha.srijana@epa.gov).

Sincerely,

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

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure



PENDIMETHALIN	GROUP	3	HERBICIDE
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# LESCO® PRE-M® 1.00% Plus Fertilizer

Not for use on turf being grown for sale or for other commercial use as sod, or for commercial seed production, or for research purposes.

For control of specified weeds in or on residential lawns, corporate lawns, parks, recreational areas, golf courses, cemeteries, and athletic fields.

- Preemergent control of crabgrass, goosegrass, foxtail, chickweed, oxalis, spurge, knotweed, and *Poa annua*.
- Provides quick green-up from soluble nitrogen.
- Prevents annual grassy and broadleaf weeds.

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

**Active Ingredient:**  
Pendimethalin, N-(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine\*..... 1.00%

**Other Ingredients:**..... 99.00%

**Total**..... 100.00%

\*Licensed under one or more of the following U.S. Patents: 3,920,742; 4,066,441.



**GUARANTEED ANALYSIS**

<b>TOTAL NITROGEN (N)</b> .....	XX.XX%
XX.XX% Ammoniacal Nitrogen	
XX.XX% Urea Nitrogen*	
XX.XX% Water Insoluble Nitrogen	
XX.XX% Water Soluble Controlled Release Nitrogen	
<b>AVAILABLE PHOSPHATE (P<sub>2</sub>O<sub>5</sub>)</b> .....	XX.XX%
<b>SOLUBLE POTASH (K<sub>2</sub>O)</b> .....	XX.XX%
<b>MAGNESIUM (Mg) Total</b> .....	XX.XX%
XX.XX% Water Soluble Magnesium (Mg)	
<b>SULFUR (S) Total</b> .....	XX.XX%
XX.XX% Free Sulfur (S)	
XX.XX% Combined Sulfur (S)	
<b>COPPER (Cu) Total</b> .....	XX.XX%
XX.XX% Water Soluble Copper (Cu)	
<b>IRON (Fe) Total</b> .....	XX.XX%
XX.XX% Water Soluble Iron (Fe)	
<b>MANGANESE (Mn) Total</b> .....	XX.XX%
XX.XX% Water Soluble Manganese (Mn)	
<b>ZINC (Zn) Total</b> .....	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

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Avoid breathing dust.

**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>

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.

**ENVIRONMENTAL HAZARDS**

This product is 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 aquatic sites. DO NOT contaminate water by cleaning of equipment or disposal of equipment washwaters or rinsate. **NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize the drift.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof materials, such as butyl rubber > 14 mils, nitrile rubber >14 mils, or neoprene rubber > 14 mils, shoes plus socks. Follow manufacturers' instructions for changing/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Remove contaminated clothing and wash separately before reuse.

**DIRECTIONS FOR USE**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at time of pesticide application.
- Observe all cautions and limitations in this leaflet and on the labels of products used in combination with this product. Do not use this product other than in accordance with the instructions set forth on this label. The use of this product not consistent with this label can result in injury to turf, animals, or persons. Keep container closed to avoid spills and contamination.
- DO NOT apply this product through any type of irrigation system.
- Do not enter or allow others to enter the treated area until dusts have settled.
- Do not apply this product in a way that will contact any person or pets, either directly or by drift.

- Do not allow dust to drift from the application site and contact people, structures people occupy at the time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

**DO NOT apply more than 3.5 lb of this product per 1,000 sq ft per application, and no more than 13.8 lb of this product per 1,000 sq. ft. (6.00 lb. ai per acre) per year.**

### Weed Resistance Management

For resistance management, this product contains Group 3 herbicides. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural, biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.
- Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective.

- Report any incidence of non-performance of this product against a particular weed species to your LESCO retailer. If resistance is suspected, treat weed escapes with an herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

Contact your local sales representative, or extension agent to find out if suspected resistant weeds to this product have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions

### GENERAL INFORMATION

This product is a combination pre-emergent herbicide and fertilizer formulated to provide control of most annual grasses and certain broadleaf weeds found in turfgrass. This product is labeled for use on the following turfgrass species: Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bentgrass, *Poa annua* (except putting greens and tees), Bermudagrass, St. Augustinegrass, Bahiagrass, Centipede grass, and Zoysiagrass.

This product controls weeds as they germinate but will not control established weeds. Unusually cold, excessively wet, or hot and dry conditions that delay germination or extend germination over a long period of time can reduce weed control.

Applied according to label directions and under normal growing conditions, this product will not cause turf injury. Over-application can result in turf stand loss, turf injury, or soil residues. Uneven application can decrease weed control or cause turf injury.

Seedling diseases, cold weather, excessive moisture, high soil pH, high soil salt concentration, or drought can weaken turfgrass and increase the possibility of turf damage from this product.

### PRECAUTIONS

Use only on well-established turfgrass with a dense and uniform stand. On newly planted areas, application should not be made until the turfgrass has filled in and has been mowed at least four times.

On turf that has been thinned or damaged due to winter injury, excessive moisture, etc., allow for turf recovery prior to making an application.

Applications made to overseeded warm-season turfgrasses may cause thinning or injury of the overseeded species.

Do not use on Bentgrass or *Poa annua* (greens and tees) or injury may occur.

Delay reseeding or winter overseeding treated turfgrass for at least 2 months following application. Do not sprig turfgrass for 3 months after application.

### APPLICATION

Apply product uniformly at the recommended rate using a properly calibrated spreader (see table below for approximate settings). The efficacy of this product will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. This will remove the product from the turfgrass foliage and establish a pre-emergent herbicide barrier in the soil. Avoid contact of product with porous surfaces such as driveways, stone, or wood. Removing particles will help prevent staining.

### APPLICATION RATES: RATE AND APPLICATION CHART

Turfgrass Species	Weeds	Rates of 1.00% PRE-M Plus Fertilizer	Comments:
NORTHERN GRASSES Kentucky Bluegrass Perennial Ryegrass Fine Fescue Tall Fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre) as the initial application prior to weed germination in the spring.	Apply a repeat application of 2.3 to 3.5 lb/1,000 sq ft (100 – 152 lb/acre) after a minimum of 4 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre) in the spring prior to weed germination.	Apply a repeat application of 3.5 lb/1,000 sq ft (152 lb/acre)
	cudweed <i>Poa annua</i> chickweed lawn burweed henbit corn speedwell	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre)	Apply in late summer or early fall prior to weed germination.
Bentgrass and established <i>Poa annua</i> * (1/2 inch height or taller)	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	3.5 lb/1,000 sq ft (152 lb/acre) in the spring prior to weed germination.	Apply a repeat application of 2.3 to 3.5 lb/1,000 sq ft (100 – 152 lb/acre) after a minimum of 4 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	3.5 lb/1,000 sq ft (152 lb/acre) prior to weed germination in the spring.	Apply a repeat application of 3.5 lb/1,000 sq ft (152 lb/acre) after a minimum of 4 weeks.
	cudweed	3.5 lb/1,000 sq ft	Apply in late summer

	<i>Poa annua</i> chickweed lawn burweed henbit corn speedwell	(152 lb/acre)	or early fall prior to weed germination.
SOUTHERN GRASSES Bermudagrass** St. Augustinegrass Bahiagrass Zoysiagrass Centipede grass Tall Fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre) prior to weed germination in the spring.	Apply a repeat application of 2.3 to 3.5 lb/1,000 sq ft (100 – 152 lb/acre) after a minimum of 4 weeks if necessary.
	goosegrass	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre) prior to weed germination in the spring. Apply a repeat application of 3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre) after a minimum of 4 weeks.	An additional application of 3.5 lb/1,000 sq ft (152 lb/acre) may be applied for extended goosegrass control a minimum of 4 weeks after the second application.
	cudweed <i>Poa annua</i> chickweed lawn burweed henbit corn speedwell	3.5 to 4.6 lb/1,000 sq ft (152 – 200 lb/acre)	Apply in late summer or early fall prior to weed germination.

\*Not for use on greens or tees.

\*\*Rates do not apply to Bermudagrass greens and tees.

**DO NOT apply more than 4.6 lb of this product per 1,000 sq ft per application, and no more than 13.8 lb of this product per 1,000 sq ft per year.**

The efficacy of this product will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. If this product is not activated by rainfall or irrigation within 14 days, erratic weed control may result.

### SUGGESTED SPREADER SETTINGS

Spreader	Recommended Rates in lb per 1,000 sq ft		
	2.3 lb	3.5 lb	4.6 lb
LESCO Rotary Calibration Gauge	#XX	#XX	#XX
Cyclone® or Spyker®	XX	XX	XX
SCOTT'S® R8-A	XX	XX	XX
Lely®	XX II	XX I	XX II

IMPORTANT: Spreader settings are only approximate. Age, condition of spreader, and operator speed can cause wide variation in application rate. Spreader should be calibrated prior to each application by the operator.

### STORAGE AND DISPOSAL

**Do not contaminate water, food, or feed by storage and disposal.**

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

**PESTICIDE 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. Or call [1-800-CLEANUP] for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.**

**SPILL:** In case of spill, sweep up material and dispose of material according to "pesticide disposal" directions listed above.

### 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.

Information concerning the raw materials composing this product can be obtained by writing to: LESCO, Inc., Attn: RA Dept., 1385 East 36<sup>th</sup> Street, Cleveland, Ohio 44114-4114, 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.aapfco.org/metals.htm>.

Poly Plus is comprised of Polymer Coated Sulfur Coated Urea.

LESCO, Pre-M and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC. Poly SCOTT'S is a registered trademark of The SCOTT Company. Cyclone and Spyker are registered trademarks of Spyker Spreaders, LLC. Lely is a registered trademark of C. Van Der Lely N.V.

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(113004) Rev. 10/29/20 VT

**Net Weight: XX lb (XX kg)**

### EPA REG. NO. 10404-101

EPA EST. NO. 961-PA-01 (L), 961-IL-01 (D), 8378-IN-1 (K), 9404-FL-1 (C), 59144-GA-1 (A), 32802-MO-1 (B), 61842-CA-1 (T), 37351-CO-1 (E), 82757-OH-001 (M), 82757-FL-001 (S), 82757-MA-002 (H)

First letter of lot code indicates manufacturing site.

**#XXXXXXXX**

F1560

Manufactured for: **LESCO, Inc.**  
1385 East 36<sup>th</sup> Street  
Cleveland, OH 44114-4114

## **OPTIONAL MARKETING CLAIMS**

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

Contains LESCO® NOS™ (Nitrogen Optimizing System) for increased nitrogen use efficiency and extended greening.

Contains LESCO® NOS™ Plus (Nitrogen Optimizing System) for increased nitrogen use efficiency and extended greening.

Contains LESCO® SulfRX™ Polymer Coated Sulfur Coated Urea to provide a uniform growth with extended nitrogen feeding.