

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

April 13, 2021

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

Subject: Registration Review Label Mitigation for Pendimethalin

Product Name: LESCO PRE-M 1.5% PLUS FERTILIZER

EPA Registration Number: 10404-98

Application Date: 06/28/2018 Decision Number: 567191

Dear Ms. Torres:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all 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.

Page 2 of 2 EPA Reg. No. 10404-98 Decision No. 567191

If you have any questions about this letter, please contact Srijana Shrestha by phone at 703-305-6471, or via email at <a hrestha.srijana@epa.gov.</a>

Sincerely,

Linda Arrington, Branch Chief

Risk Management and Implementation Branch 4

Pesticide Re-Evaluation Division

Office of Pesticide Programs

Enclosure

04/13/2021

and Rodenticide Act as amended, for the EPA Reg. No. 10404-98

PENDIMETHALIN GROUP HERBICIDE

## **LESCO** 1.5% Plus Fertilizer PRE-M

PRE-EMERGENT WEED CONTROL For Use on Turfgrasses, Ornamentals, Landscape or Grounds Maintenance, and Non-cropland Areas. 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\*

Inert Ingredients: 98.50%

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

# X-X-X

### GUARANTEED ANALYSIS

GUARANTEED ANALTSIS	
Total Nitrogen (N)	XX.XX%
XX.XX% Ammoniacal Nitrogen	
XX.XX% Urea Nitrogen*	
XX.XX% Water Insoluble Nitrogen	
XX.XX% Water Soluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	XX XX%
Soluble Potash (K <sub>2</sub> O)	
Magnesium (Mg)	
XX.XX% Water Soluble Magnesium (Mg)	
Sulfur (S)	XX XX%
XX.XX% Free Sulfur (S)	
XX.XX% Combined Sulfur (S)	
Copper (Cu)	XX XX%
XX.XX% Water Soluble Copper (Cu)	
Iron (Fe)	XX XX%
XX.XX% Water Soluble Iron (Fe)	
Manganese (Mn) Total	VY YY%
XX.XX% Water Soluble Manganese (Mn)	
Zinc (Zn)	YY YY%
XX.XX% Water Soluble Zinc (Zn)	
AA.AA./// Water Goldbie Ziric (ZII)	
DERIVED FROM:	
Chlorine (CI) Max.	XX XX%
Onionio (O), max.	

# KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

\*XX.XX% Slowly Available Urea Nitrogen from Polymer Coated Sulfur Coated Urea

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle (If you do not understand this label, find someone to explain it to you in detail.) See below for additional precautionary statements.

In case of emergency endangering life or property involving this product, call day or night, Chem-Trec 1-800-424-9300.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with eyes, skin, or

	FIRST AID
If swallowed	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 vomitting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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.     Call a poison control center or doctor for treatment advice.
If on skin or clothing	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.
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 noise control center or depth for further treatment advices.

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.

124-9300 for emergency medical treatment inform NOTE TO PHYSICIAN

Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomitting should be induced only under professional supervision.

### Personal Protective Equipment (PPE): Applicators and other handlers must wea

- Long-sleeved shirt and long pants
  Chemical resistant gloves such as Barrier Laminate, Nitrile Rubber ≥14 mils, Neoprene Rubber ≥14 mills, and Viton ≥14 mills.

Shoes plus socks
 Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

- 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.

### **ENVIRONMENTAL HAZARDS**

ENVIRUNMENT AL FIAZARUS

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

organisms in adjustent a requires sites. De NOT contaminate water by detaining in equipment or insposal or equipment washwaters or rinsafe.

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 drift.

# 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.

Ihis labeling must be in the possession of the user at time of pesticide application.

Do NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do NOT apply more than 3.5 lb of this product per 1,000 sq ft per application, and no more than 9.5 lb of this product per 1,000 sq. ft. (6.00 lb. ai per acre) per year.

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 socuting 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
- resistance-management arrior 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 byotypes of target weeds have been reported, use the application rates of this product specified for your local conditions

## STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or 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

both and its population 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

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

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are

and restricted-entry interVat. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls • Chemical resistant gloves such as Barrier Laminate, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥14 mils and Viton ≥ 14 mils.

• Shoes plus socks

# NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter treated area until dusts have settled.

# FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY OR RESIDUES.

Observe all cautions and limitations on this label and on the labels of products used in combination with this herbicide. Do not use this herbicide other than in accordance with the instructions set forth on this label. The use of this herbicide not consistent with this label can result in injury to turf, animals, or persons. Keep Container closed to avoid spills and contamination.

GENERAL INFORMATION

GENERAL INFORMATION

This product is a combination pre-emergent herbicide and fertilizer formulated to provide pre-emergence control of most annual grasses and certain broadleaf weeds as they germinate in any turfgrass site (lawns, sod, turf areas). Examples of such sites include, but are not limited to: grounds or lawns around residential and commercial establishments, multifamily dwellings, military and other institutions, parks, airports, roadsides, schools, picnic grounds, athletic fields, houses of worship, cemeteries; golf courses; prairiegrass areas; and sod farms.

This product can be used in and around field, liner, and container grown ornamental nurseries; established landscape ornamentals and ornamental gardens; listed groundcovers and bulbs; nonbearing fruit and put trees; confire and hardword seadling nurseries; ested for plentation site preparation and

fruit and nut trees; conifer and hardwood seedling nurseries; and for plantation site preparation and

maintenance.

In addition, this product can be applied for general grounds maintenance around areas such as parking lots, driveways and roadsides, alleyways, bike and jogging paths, vacant lots, buildings, stone gardens and gravel yards, markers and fence lines, mulch beds and other similar areas. It may be used under asphalt or concrete treatments as part of a site preparation program.

This product is recommended for pre-emergence control of most annual grasses and certain broadlers weeds as they germinate in any non-cropland area such as railroad, utility, highway, and pipeline rights-of-way; highway guardrails, delineators, and sign posts; bridge abutments and approaches; utility substations; petroleum tank farms, pumping installations; storage areas; fence rows, windbreaks and shelterbelts; paved or gravel surfaces; established wildflower plantings, and other similar areas where weed control is desired.

This product controls weeds as they germinate but will not control established weeds. Therefore, areas to be treated should be free of established weeds. For the control of established weeds, this product may be used in conjunction with herbicides registered for post-emergence use. Consult the labels of those herbicides for use rates timings, and precautions or restrictions.

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.

over a long period of time can reduce weed control.

over a long period of time can reduce weed control. The efficacy of this product will improve 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 30 days, erratic weed control may result. 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.

### APPLICATION

### SUGGESTED SEPENDED SETTINGS

		Recommended Rates lb per 1000 sq ft (lb per acre)				
Spreader		1.5 (67)	2.3 (100)*	3.1 (133)	4.6 (200)	5.4 (233)**
LESCO Rotary	Calibration Gauge	#XX	#XX	#XX	#XX	#XX
Cyclone® or Spyker	r® .	XX	XX	XX	XX	XX
*Delivere 1 f	5 lb ai/A and Y YY lb N/1 0	INN ea ft				

"Delivers 1.5 to al/A and X.XX to N/1,000 sq ft

"Delivers 3.5 to al/A and X.XX to N/1,000 sq ft

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

Turfgrass	Weeds	Rates of PRE-M 1.5% Plus Fertilizer	Comments:
Species NORTHERN GRASSES	weeds	Plus Fertilizer	Comments:
Kentucky bluegrass Perennial ryegrass Fine fescue Tall fescue	crabgrass foxtail Poa annua barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	2.3 to 5.4 lb/1,000 sq ft (100-233 lb/acre) as the initial application prior to weed germination in the spring.	Apply a repeat application of 1.5 to 2.5 lb1 0.00 sq. file (7-10) lblace) after a minimum of 4 weeks for extended control or where heavy weed intestations are expected.
	goosegrass	2.3 to 5.4 lb/1,000 sq ft (100-233 lb/acre) in the spring prior to weed germination.	Apply a repeat application of 1.5 lb/1,000 sq ft (67 lb/acre)
	cudweed Poa annua chickweed lawn burweed henbit com speedwell	2.3 to 5.4 lb/1,000 sq ft (100-233 lb/acre)	Apply in late summer or early fall prior to weed germination.
Bentgrass and established Poa annua* (1/2 inch height or taller)	crabgrass foxtail Poa annua barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	2.3 to 4.6 lb/1,000 sq ft (100-200 lb/acrs) the spring prior to weed the spring prior to weed germination.	Apply a repeat application of 1.5 to 2.5 lb/1 000 sq. file (7-100 lb) lacre) after a minimum of 4 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	2.3 to 3.1 lb/1,000 sq ft (100-133 lb/acre) prior to weed germination in the spring.	Apply a repeat application of 2.3 lb/1,000 sq ft (100 lb/acre) after a minimum of 4 weeks.
	cudweed Poa annua chickweed lawn burweed henbit com speedwell	2.3 to 3.1 lb/1,000 sq ft. (100-133 lb/acre)	Apply in late summer or early fall prior to weed germination.
OUTHERN GRASSES Bermudagrass* St. Augustinegrass Bahiagrass Buffalograss Zoysiagrass Contipedegrass Tall fescue	crabgrass foxtail Poa annua barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	2.3 to 5.4 ib/1,000 sq ft (100-233 lb/acre) prior to weed germination in the spring.	Apply a repeat application of 1.5 to 2.5 lbr1.000 sq ft (67-100 lbr) acrel after a minimum of 4 weeks if necessary.
	goosegrass	2.3 to 5.4 lb/1,000 sq ft (100-233 lb/acre) prior to weed germination in the spring. Apply a repeat application 2.3 to 3.1 lb/1,000 sq ft (100-133 lb/acre) after minimum of 4 weeks.	An additional application of 1.5 lb/1,000 sq ft (67 lb/acre) may be applied for extended goosegrass control a minimum of 4 weeks after the second application.
	cudweed Poa annua chickweed lawn burweed henbit com speedwell	2.3 to 5.4 lb/1,000 sq ft (100-233 lb/acre)	Apply in late summer or early fall prior to weed germination.

"Not for use on greens or tees

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 30 days, erratic weed control may result.

This product an be applied before or after post-emergence herbicides used to control emerged weeds in furfgrasses. For annual grass control applications can be made with Acclaim Extra¹ or MSMA to control emerged weeds. Broadleaf weeds can be controlled using Trimes<sup>6</sup>, Three-Way<sup>9</sup>, 2,4-D, and other similar products.

controlled using I mines\*, I hiree-Way\*, 2,4-4), and other similar products.

\*\*TURFGRASS 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 furf recovery prior to making an application.

Applications. Applications. Application and to overseed during season and the sea

INDUSTRIAL (unimproved ) TURF
Industrial, or unimproved turf areas often have a different spectrum of weeds to be controlled than those found in fine turf as
described elsewhere in this leaflet. This product will control annual grasses and broadeaf weeds mentioned in that section of this
label as well as the following weeds that might germinate in established grasses in rights-of-way, roadsides, construction sites,

label as well as the following weeds that might gerinnate in established grasses in rights-or-way, roadsides, constitution sites, parks, substations, tols, or similar areas:

Crowfootgrass, lichgrass, Johnsongrass (from seed), Junglerice, Lovegrass, Browntop Panicum, Texas Panicum, Field Sandbur,
Signalgrass, Mexican Sprangletop, Red Sprangletop, Witchgrass, Woolly Cupgrass, Carpetweed, Fiddleneck, Filaree, Kochia,
Lambsquarfers, Pigweed, Puncturevine, Florida Pusley, London Rocket, Shepherd's purse, Pennsylvania Smartweed, Annual
Spurge, and Velvetleaf.

Apply before weeds germinate. A post-emergence herbicide such as 2,4-D, MSMA, or similar product is recommended to

### ORNAMENTALS - RECOMMENDED SPECIES

Apply product uniformly at the recommended rate using a properly calibrated spreader (see table below for approximate settings). Check application routinely to determine proper calibration. Avoid overlaps that will increase rates above those recommended. Avoid application when winds may cause drift. Avoid contact of product with porous surfaces such as driveways, stone, or wood. Removing particles will help prevent staining.

Apply product uniformly at the recommended rate using a properly calibration. Avoid overlaps that will increase rates above those recommended. Avoid application when winds may cause drift. Avoid contact of product with porous surfaces such as driveways, stone, or wood. Removing particles will help prevent staining.

Apply product uniformly at the recommended rate using a properly calibrated spreader (see table below for approximate value of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and over the top of the established plants listed below 20 minutes and Common Name TREES Alder, European black Apple Arborvitae, American Arbutus Ash, Red Ash, White Scientific Name Scientific Name
Abelia grandiflora
Abelia grandiflora
Aucuba japonica
Aucuba japonica
Berbers gladvinens
Berbers gladvinens
Berbers blumbergi
Delea grandi
Delea grandi
Berbers blumbergi
Delea grandi
Berbers blumbergi
Delea grandi
Buxus microphylla
Encellia fannosa
Gurantinia
Buxus microphylla
Encellia fannosa
Gardenia jasminoides
Carnellia jasminoides
Carnellia jasminoides
Comenser proportionalis
Cotoneaster dammer
Cotoneaster dammer
Cotoneaster dammer
Cotoneaster dammer
Delutzia gracial
Cotoneaster dammer
Delutzia gracial
Cotoneaster dammer
Delutzia gracial
Cotoneaster dammer
Ecotoneaster dammer
Delutzia gracial
Ecotoneaster dammer
Ecotoneaster dammer
Ecotoneaster dammer
Ecotoneaster dammer
Delutzia gracial
Ecotoneaster dammer
Ecotonea Scientific Name
Ahrus glutinosa
Malus sep.
Thuja cocionalas
Arbulus sep.
Travarus permaylvanica
Frantrus verprimara
Frunus verprimara
Frunu SHRUBS traine
SHRUBS Abelia, Glossy
Abelia, Gold
Azalea
Bamboo, Heavenly
Barberry, Japanese
Blue Indigo Bush
Bottlebrush, Lemon
Boxwood, Common
Boxwood, Japanese
Brittlebush
Buttonbush
Camellia
Cape jasmine
Cassia, Feathery
Cordyline Aspan. Oldshing Basswood Brch. European Weeping Buckey, Red Suckeys, Red Cedar, White Charmaex/pans, Boulevard Cherry, Choke Cherry, Choke Cherry, Nanking Cottomeod Cottomeod Cherry, Nanking Cottomeod Crype Nythe Cyptens, Baganese coder Cyptens, Edward Cyptens, Baganese coder Cyptens, Edward Dogwood, Floand Dogwood, Shub Elm Elm Fig. Balsam Cassiá, Feathery
Cordyline
Correa
Cotoneaster
Cotoneaster, Bearberry
Cotoneaster, Rock
Cypress, Italian
Cypress, Leyland
Deutzia, Slender
Dogwood, Red Twig
Elaeagnus
Escallonia
Eugnymus russoum distichum
Cupressoryparis laylandii
Cupressoryparis laylandii
Comus Boulda
Psoudolsuga menziesii
Abise Irsaela
Alise Irsaela
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Angonola Solala
Acer Inbraum
Ace Eleaagnus ebbingal Escallonia fradesi Escallonia fradesi Escallonia fradesi Escallonia fradesi Euorymus fortumi Euorymus fortumi Euorymus alatia Euorymus alatia Forsythia intermedia Forsythia intermedia Caracteria Elea Caracteria El Escallonia
Euonymus, Golden
Euonymus, Winged
Firethorn
Forsythia, Border
Fragrant Olive
Fuschia, California
Gardenia n , Balsam , Douglas Fraser Franklinia
Ginkgo
Gum, Black
Gum, Black
Haw, Black
Haw, Black
Hawhorn
Hemlock, Canada
Hemlock, Canada
Hemlock, Common
Lilac, Common
Lilac, Common
Lilac, Spanese Tree
Linden Gardenia
Hawthorne, Indian
Hawthorne, Indian
Habscus
Holly, Japanese
Holly, Fosters
Holly, Savannah
Holly, Yaupon
Holly, Yaupon
Holly, Yaupon
Holly, Yaupon
Juniper, Chiesee
Juniper, Learnel, Mountain
Leavender, English
Leucothoe, Coast
Lavender, English
Leucothoe, Coast
Lily-of-the-Nile
Mahonia Linden
Magnolia, Saucer
Magnolia, Southern
Magnolia, Star
Maidenhair Tree
Maple, Norway
Maple, Japanese
Maple, Sugar
Maple, Sugar Melpile, Sugar
Namwerry, Rusty
Oak, Chinquepin
Oak, Live
Oak, Chinquepin
Oak, Red
Oak, Red
Oak, Red
Oak, Red
Oak, Red
Oak, Red
Oak, Swamp chestnut
Oak, Walter
Oak, Walter
Dalm, Palm, Dale
Palm, Palm, Dale
Palm, Palm, Mashington
Peach
Peach whyte. William Chamserogs humilis Chamserogs humilis Chamserogs humilis Chamserogs humilis Chamserogs huminis hu Rhododendron Robira Rose Spice Plant Spiraea, Anthony Waterer Spiraea, Japanese Sweet Bay Trumpet Bush Verbena, Lemon Viburnum Vitex Weinela Redwood, Jean-Sequoia, Giant Serviceberry Sourwood Spruce, Colorado Blue Spruce, Warf Alberta Spruce, Norway Spruce, Winay Spruce, Winay Sycamore Trachycarpus Tulip tree Walnut, Black Williow, Weeping Yellowwood Amelanchier laevis Oxydendrum arboreum Picea pungens Picea glauca 'albertiana' Picea abies Picea glauca Liquidambar styraciflua Platanus occidentalis Trachycarpus spp. Lindendron tulipifera Judane picea. vitex Weigela Wild Lilac Xylosma Yellowbells Yew Juglans nigra Salix babylonica Cladrastis lutea Yew Yew, Japanese Yew, Southern Yucca, Adam's Needle Yucca, Weeping PERRENNIAI S Acacia
Asparagus
Aster, New York
Aster, Stokes
Babys Breath
Beard-Tongue Acacia redolens Asparagus spo.
Asparagus spo.
Aster novi-bagii Slokesia leevis Slokesia GROUND COVERS Ajuga reptans Apfenia cordifolia Fragaria chiloensis Arctotheca calendula Potentilla verna Baccharis pitularis Osteospermum futicosum Dymondia margaretae Gazania splendens Carpotrotis edular Hedera halix Hedera halix Jasaniarum mesmi Ajuga Baby Sun Rose Beach Strawberry Bady Sun Kose
Beach Strawberry
Beach Strawberry
Beach Strawberry
Cinquefol Spring
Cinquefol Spring
Conjuefol Spring
Daisy, Trailing African
Dymondia
Gazania
Gazania
Hoppmondia
Gazania
Gazania
Jasmine, Asabic
Jasmine, Asabic
Jasmine, Asabic
Jasmine, Frimrose
Jessamine, Carolina
Manzanita, Bearberry
Miscarithus
Mondogass
Mondogass
Mycopotim
Pachysandra
Podefilla
Red Apple Beard - Tongue Belliflower Bird of Paradise Bird Of Paradise Black-eyed Susan Blankel Flower Bleeding Heart California Poppy Calla Iily Canna, common garden Carex Chincherinchee Clower, Crimson Columbine Coreopsis Crinum Lily Crocus Pelargonium p.
Pelargonium p.
Trachelospermum ásam.
Jasmínum mesnyi
Gelsemium sempervirens
Arctostaphylos uva-ursi
Miscanthus spp.
Ophiopogon japonica
Convolvulus spp.

Levoporum parvillolium

Ara terminalis Crinum Lily
Crocus
Daffodil
Daylily
Fairy Duster
Farr, Asparagus
Fern, Boston
Fern, Chinapatha papellolium Apparation in Paparation in Pagaratichi in Pagaratic Rosemary Rose-Of-Sharon Sand Strawberry Sedum St. Johnswort, creeping Stonecrop Verbena, Peruvian Vervain Vervain Vetch, Crown Vinca Wintercreeper BEDDING PLANTS\* Lily Blue Liriope, Creeping Liriope, Variegated Moonbeam Montbretia Nightshade Orchid, Peacock Oxeye Daisy Peony, Chinese Purple Coneflower Purple Loosestrife Rosemary Ageratum houstonianum Alyssum saxatile Anemone coronaria Artemnesis spp. Alemone consensation and the Begonia spp. Brassica olemacoa Caldidum spp. Candidum spp. Candidum spp. Caronaria spp. Caro Ageratium
Ayesum
Artenone, popty-flowered
Artenone, popty-flowered
Artenone, popty-flowered
Artenone, popty-flowered
Artenone, popty-flowered
Begonia
Ballooniflower
Begonia
Ballooniflower
Begonia
Cast-flower
Ca Liriope misseari
Liriope spicata
Liriope muscari
Coreopsis verbicillata
Crocosmia crocosmiiflora
Solanum spp.
Acidanthera bicolor
Chrysantherum leucanth
Paeonia lactiflora
Echinacea purpurea
Lythrum virgatum
Rosmanius officinalis
Carex spp. Rosemary Sedge Shata Daisy Sweet Flag Tickseed Texas Bluebonr Tulip Wisteria Wonder Flower Yarrow Zephyr Lily Carex spp. Chrysanthemum X superbum Chrysanthemum X superus Acorus calamus Coreopsis lanceolata Lupinus texenis Tulipa spp. Wisteria spp. Wisteria spp. Omithogalium thyrsoides Achillea millefolium Zephyranthes spp. Tagates erecta
Tagates erecta
Tagates erecta
Portulaca grandiflora
Chrysanthemum spp.
Viola fincolor
Vinca major
Catharanthus roseus
Petunia spp.
Celosia cristata
Portulaca grandiflora
Salvia splendens
Antirrinium majus
Limonium spp.
Dianthus barbatus
Vinca major
Zinnia spp. ORNAMENTAL GRASSES Ammophila breviligulata Festuca ovina Festuca ovina Fennisetum setaceum Cortaderia selloana Phalaris arundinacea Arundo spo. Phalaris arundinacea Deschampsia caespitosa ORNAMENTAL GRA Beach Grass Fescue, Sheep Fountain Grass Pampas Grass Reed Canary Grass Reed, Giant Ribbon Grass Tufted Hair Grass

Refer to the APPLICATION RATE TABLE for recommended amount to use.

"After planting bedding plants and before this product is applied, area to be treated should be watered sufficiently to pack soil around roots.

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This product may be used on plant species not listed on this lable. The suitability for such uses should be determined by treating a small number of such plants at the recommended rate. Treated plants should be evaluated 1-2 months following treatment for possible injury.

THE USER ASSUMES RESPONSIBILITY FOR ANY CROP DAMAGE OR OTHER LIABILITY. Do not treat plants grown for food or feed.

### ORNAMENTAL BULBS

This product may be applied for control of susceptible annual weeds in ornamental bulbs listed on the label [crocus. daffodil (narcissus). gladiolus, tulip, etc.]. Apply this product prior to, during or after bulb emergence. If weeds have already germinated use a labeled post-emergence herbicide to control emerged weeds.

emergence renorate records emerged weeds.

WILDFLOWERS

This product may be applied for control of susceptible annual weeds in plantings of wildflowers listed on the label (Black-eyed Susan, California Poppy, Corecysis, Oxepe Daisy, Lo.) This product may be applied to established perennial wildflowers before emergence of weeds or wildflowers. For wildflowers being established from seed, apply this product after wildflowers being enged but prior to weed germination. If weeds have already germinated, add a labeled post-emergence product to control emerged weeds.

Due to the diversity of species and varieties which exist in areas where wildflowers are grown, the response to this product may vary greatly. Careful testing on desirable species is recommended to determine if area-wide applications can be made.

greaty. Anexus resulting in usual autor species is recuminence to otermine it area-wine applications can be made.

ORNAMENTAL PRECAUTIONS

Apply this product to established plantings. DELAY applying this product to seebbeds, transplant beds, or liners until plants have become well roaded. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no crack that would allow direct contact of this product with note. Applications where soil and media suffeces are uniformly overed will result in set weed control and ornamental tolerance. Plant only those desirable plant species listed on this label into soil treated the previous season with his product or priving way occur. ith this product or injury may occur.

For container grown ornamentals, delay first application of this product to bareroot liners 2-4 weeks

### LANDSCAPE AND GROUNDS MAINTENANCE

This product can be incorporated into landscape and grounds maintenance programs to provide extended pre-emergence control of most annual grasses and certain broadleaf weeds. Areas to be treated, such as mulch beds, parking areas and roadsides, fencelines and borders, around statuary or monuments, and similar areas, should be free of emerged weeds before application. To remove emerged weeds, treat the area with a post-emergence product labeled for such uses.

Refer to APPLICATION RATE TABLE for rates. Avoid unintentional contact of granules with stone, wood, or other porous surfaces as staining may occur. Sweep immediately to avoid staining, if granules are cushed into surface, then rinse thoroughly.

### NON-BEARING FRUIT AND NUT CROPS AND VINEYARDS

This product may be applied for pre-emergence control of most annual grasses and certain broadleaf weeds on the following non-bearing Almond Citrus Pistachio

Apple Fig Grape Peach Plum Apricot Cherry Nectarine
Refer to APPLICATION RATE TABLE for rates. Pecan Walnut, English

Refer to APP-LICALION RALE I ABLE to traits.
Apply this product directly to the ground below the trees or vines. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no cracks that would allow direct orbits of this product and roots. Applications where soil and media surfaces are uniformly covered will result in best weed control and plant tolerance. For newly transplanted and one year old grapevines, apply only when they are domant. Do not apply if buds have started to swell. This product may be used where the roots of a fruit, vine, nut, or ormanental plant encorach into a treatable area.

### NON-CROPLAND AREAS INCLUDING TREE PLANTATIONS

Non-crept-AND AREAS INCLUDING TIREE PLANTATIONS

This product is recommended for grounds maintenance in non-cropland areas; pre-emergence control of the weed species listed in and around established tree plantations (including Christmas trees); in and around established ornamentals planted in non-cropland areas such as highway rights-drway, and utility substations. This product may be used for hardwood and confier regeneration on conservation reserve program land or similar areas.

Refer to APPLICATION RATE TABLE for rates.

This product may be applied at planting or to established trees. When making an application at planting, it is important that slit closure be achieved to prevent this product from directly contacting the tree roots or being washed into the root zone via the open slit or root stunting

### TOTAL VEGETATIVE CONTROL

TOTAL VEGETATIVE CONTROL

This product may be mixed with a granular formulation, or used in sequence with any formulation, of ARSENAL, Roundup, Karmex, Finale, Oust, diuron, or other products to provide bare ground, or total vegetation control. This product can be used to provide greater plant selectivity in areas where such action may be desired. Such sites might have roots of landscape vegetation, ornamentals, or desirable troes encoaching into the treated zone.

Applications may be made to existing weeds controlled by the partner herbicide. Recommended rates should be determined from the product labels prior to use. Follow the most restrictive label instructions.

For Kochia: Combinations of this product with ARSENAL or diron are recommended if control has been a problem for other herbicides.

### APPLICATION RATE TABLE

For pre-emergence control of the weed species listed using broadcast spreader equipment, apply PRE-M 1.5% Plus Fertilizer at the

Length of Control	Pounds required to treat one acre	Pounds required to treat 1000 sq ft
Short Term (2-4 months)	133 lb	3.1 lb
Long Term (6-8 months)	267 lb	6.1 lb

Long 1erm (6.8 months) 257 lb 6.1 lb

Rate settings for a specific type of spreader device must be determined by applicator. To deliver the proper rate (3.1-6.1 lb/1000 sq tt) calibrate prior to application of product.

One bag (50 lb) will cover 1/3 acr of (6.1,30 sq tt) at rate of 3.1 lb per 1000 sq tt.

The efficacy of this product will improve 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 30 days, erratic veed control may result.

This product will not control established weeds.

If weeds should develop prior to activation of herbicidies, shallow cultivate to destroy existing weeds or, where practical, remove by hand. When cultivating for any reason, it should be shallow. This product may be used before or after applications of herbicides registered for post-emergence use (i.e. Roundup or Finale) for the control of established weeds. Do not apply, sarges containing Roundup or Finale over the top of desirable plants. A PRE-M 1.5% Plus Fertilizer treatment may be followed by any registered herbicide to control weeds not listed on this label.

### WEED SPECIES CONTROLLED

This product is recommended for pre-emergence control of the weed species listed. Applications can be made around and over the top of the ornamentals and to the sites listed on this label.

GRASSES CONTROLLED

Common Name
Bernyardgræss
Bluegræss, Annual
Crabgræss
Foxtal, Gæner
Foxtal, Verben
Foxtal, Verben
Foxtal, Verben
Foxtal, Verben
Foxtal, Johnsongræss
Johnsongræss (from seed)
Junglerice
Lovegræss (from seed)
Junglerice
Lovegræss (from seed)
Fanicum, Fall
Panicum, Fall
Panicum, Fall
Spranglerss
Syrangletop, Mexican
Sprangletop, Mexican
Sprangletop, Red
Witchgræss
Woolly Cupgræss Scientific Name Echinochloa crus-galli Poa annua Digitaria spp. Dactylocteniur Setaria faberi Setaria viridis Setaria viridis
Setaria glauca
Eleusine indica
Rottboellia exaltata
Sorghum halepense
Echinochloa colona
Eragrostis spp.
Panicum fasciculatum
Panicum dichotomifloru
Panicum texanum

Scientific Name Soliva pterosperma Mollugo verticillata Stellaria media Stellaria media Graphalium spp. Gnaphalium spp. Genothera biennis Amsinckia intermedia Erodium spp. Lamium amplexicauli Common Name Burweed, Lawn Burweed, Lawn Carpetweed Chickweed, Common Chickweed, Mouseear Clover, Hop Cudweed Endium spp.
Lamium amplexicauli
Polygonum aviculare
Kochia scoparia
Chenopodium album
Amaranthus spp
Tribulus terrestris Lambsquarters Pigweed Puncturevine Puncturevine
Purslane
Pusley, Florida
Rocket, London
Shepherd's purse
Smartweed, Pennsylvar
Speedwell, Com
Spurge, Annual
Woodsorrel, Yellow
Velvetleaf (Buttonweed) Sisymbrium irio Capsella bursa-pastoris Capsella bursa-pasto Polygonum pensylva Veronica arvensis Euphorbia spp. Euphorbia humistrata Oxalis stricta Abutilon theophrasti

### 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

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 infeffictiveness or other unintended consequences or diamages that many 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.

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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 36th 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.

Finale is a registered trademark of Aventis. Trimec is a registered trademark of PBI Gordon Corp. Roundup is a registered trademark of Monsanto Company. ARSE/NAL is a trademark of BASF. Kames is a registered trademark of E. I. DuPont de Nemours and Company. Cyclone and Sylver are registered trademarks of Sylver Syreaders, LLC. LESCO and Pre-M are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC.

EPA Reg No. 10404-98
EPA EST. NO. 961-PA-01 (L). 961-IL-01 (D). 8378-IN-1 (K), 9404-FL-1 (C). 9914-CA-1 (A). 32802-MO-1 (B). 61842-CA-1 (T), 37351-CO-1 (E). 82757-MA-002 (H)

Net Weight: XX lb (XX kg)



F1560 Manufactured for: LESCO, Inc. 1385 East 36th Street Cleveland, OH 44114-4114

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# **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.