0404-98 10-4-2001			
	EPA Reg.	Date of Issuance:	
U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H75050) 401 "M" St., S.W.	Number: 010404- 98	OCT 4 20 0 1	
Washington, D.C. 20460	Term of Issuance:		
- *{ PROTES	Condition	nal	
NOTICE OF PESTICIDE:			
Reregistration	Name of Pesticide Product:		
(under FIFRA, as amended)		LESCO PRE-M 1.5 FERTILIZER	
Name and Address of Registrant (include ZIP Code):			
LESCO, INC. 20005 Lake Road Rocky River, Ohio 44116-1545 Note: Changes in labeling differing in substance from that accepted is be submitted to and accepted by the Registration Division prior to us	n connection with the	his registration must	
correspondence on this product always refer to the above EPA registra		Sumerce, an any	
On the basis of information furnished by the registrant, the above ma registered/reregistered under the Federal Insecticide, Fingicide and		reby	
Registration is in no way to be construed as an endorsement or recomm In order to protect health and the environment, the Administrator, or cancel the registration of a pesticide in accordance with the Act. I with the registration of a product under this Act is not to be constr exclusive use of the name or to its use if it has been towered by oth	: his motion, may at the acceptance of any used as giving the re	any time suspend or y name in connection	
This product is conditionally regist FIFRA sec. 3(c)(7)(A) provided that you:	ered in acco	rdance with	
1. Submit and/or cite all data requ your product under FIFRA sec. $3(c)(5)$ whe registrants of similar products to submit acceptable responses required for reregis under FIFRA section 4.	n the Agency such data;	requires all and submit	
2. Make the following label changes	:		
a. Revise the EPA Registration Num 010404-98	ber to read,	"EPA Reg.	
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Sighature of Approving Official:	Cate:	· · · · · · · · · · · · · · · · · · ·	
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PA Form 0570-6		<u></u>	

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3. Under FIRST AID 1. The Agency has recently revised its recommended First Aid statements for pesticide products. The Agency issued a PR Notice announcing the changes. We are encouraging registrants to begin using the new statements. The new statements were developed as part of the Consumer Labeling Initiative in close cooperation with poison control center personnel and other medical experts. While it is not mandatory that you revise your label at this time, you are strongly encouraged to substitute the revised statements (below) for those statements currently on the label at your next label printing:

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 vomiting unless told to by a poison control center or doctor.
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:	 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 poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment

place "NOTE TO PHYSICIAN: because of increased risk of chemical

pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should induced only under professional supervision.

4.Under PERSONAL PROTECTIVE EQUIPMENT: Change applicator PPE to "long sleeved shirt and pants, chemical resistant gloves such as barrier laminate. butyl rubber >13 mils, polyethylene, or natural rubber > 13 mils, shoes plus socks.

5. Under AGRICULTURE USE REQUIREMENTS: Change Waterproof gloves to chemical resistant gloves such as barrier laminate, butyl rubber >13 mils, polyethylene, or natural rubber > 13 mils, shoes plus socks."

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6. Under STORAGE STABILITY; The preliminary study (30 days) on the storage stability is acceptable, however, it does not satisfy the data requirements. In order to satisfy the data requirements of 40CFR#158.190, the registrant must submit the results of one year storage stability performed on the product on the product under warehouse condition.

Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

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ACCEPTED with COMMENTS Un EPA Letter Dated

> OCT 4 2001 Under the Federal Insecticide, Fundicide, and Bodentickie Act as amended, for the posticide regimerad under EFA Roy. No. 1.704010404-9%

PRE-M[®] 1.5% Plus Fertilizer

ESCC

PREEMERGENT WEED CONTROL

FOR USE IN TURFGRASSES, ORNAMENTALS, LANDSCAPE OR GROUNDS MAINTENANCE, AND NONCROPLAND AREAS

EPA Reg. No. 10404- $\partial \mathcal{I}$

EPA Est. No. 10404-OH-4

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

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.

X-X-X

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX.XX%
X.XX% Ammoniacal Nitrogen	
X.XX% Urea Nitrogen	
Available Phosphate (P2O5)	XX.XX%
Soluble Potash (K2O)	XX.XX%
Derived from: Urea, Ammonium Phosphate, and Muriate of Potash.	
Produced under the following U. S. Patent: 5,750,130.	Product of USA.

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

LESCO, Inc. 20005 Lake Road Rocky River, OH 44116-1545

Net Contents: 50 lbs (22.7 kg)

LESCO and Pre-M are registered trademark of LESCO, Inc.

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.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists. If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- 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

Users should:

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- 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

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.

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.

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.

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 covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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

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- Waterproof gloves, such as barrier laminate or viton (≥ 14mils)
- 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 treated areas without protective clothing until granules are no longer visible on treated surfaces.

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

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

<u>Storage</u>: DO NOT store above 120°F. Store in original containers and keep closed; reseal opened bag by folding top down and securing. Store in a cool, dry place.

<u>Pesticide Disposal</u>: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

<u>Container Disposal</u>: Completely empty bag into application equipment. Then 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.

Observe all cautions and limitations on this label and on the labels of products used in combination with **PRE-M PLUS FERTILIZER** herbicide. Do not use **PRE-M PLUS FERTILIZER** herbicide other than in accordance with the instructions set forth on this label. The use of **PRE-M PLUS FERTILIZER** 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

PRE-M PLUS FERTILIZER is a combination preemergent herbicide and fertilizer formulated to provide preemergence 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.

PRE-M PLUS FERTILIZER 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 nut trees; conifer and hardwood seedling nurseries; and for plantation site preparation and maintenance.

In addition, PRE-M PLUS FERTILIZER 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.

PRE-M PLUS FERTILIZER is recommended for preemergence control of most annual grasses and certain broadleaf weeds as they germinate in any noncropland 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.

PRE-M PLUS FERTILIZER 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 postemergence 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.

The efficacy of PRE-M PLUS FERTILIZER 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, PRE-M PLUS FERTILIZER 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 PRE-M PLUS FERTILIZER.

APPLICATION

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 mayh cause drift.

Avoid contact of product with porous surfaces such as driveways, stone, or wood. Removing particles will help prevent staining.

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SUGGESTED SPREADER SETTINGS

			Recommended Rates		
			lbs per	1000 sq ft (lbs	s per acre)
Spreader	Ground Speed	Spreading Width	1.5 (67)	2.3 (100)*	5.4 (233)**
LESCO Rotary	7 3 mph	9 ft.			
	LES	SCO Calibration Gauge	# 13	# 15	# 17
Cyclone or Sp	yker		31/2	33/4	4.0
* Delivers 1.5 lb ai/A and X.XX lb N/1,000 sq ft.					
** Delivers	3.5 lb ai/A and	X.XX lb N/1,000 sq ft.			

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.

Turfgrass Species	Weeds	Rates of PRE-M 1.5% 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	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/acre) as the initial application prior to weed germination in the spring.	Apply a repeat application of 1.5 to 2.3 lbs/1,000 sq ft (67 to 100 lbs/acre) after a minimum of 4 weeks for extended control or where heavy weed infestations are expected.
	goosegrass	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/acre) in the spring prior to weed germination.	Apply a repeat application of 1.5 lbs/1,000 sq ft (67 lbs/acre)
	cudweed Poa annua chickweed lawn burweed henbit corn speedwell	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/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	2.3 to 4.6 lbs/1,000 sq ft (100 - 200 lbs/acre) in the spring prior to weed germination.	Apply a repeat application of 1.5 to 2.3 lbs/1,000 sq ft (67 to 100 lbs/acre) after a minimum of 4 weeks for extended control o where heavy weed infestations are expected.

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Turfgrass Species	Weeds	PPLICATION CHART (Rates of PRE-M 1.5% PLUS FERTILIZER	Comments:
	goosegrass	2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre) prior to weed germination in the spring.	Apply a repeat application of 2.3 lbs/1,000 sq ft (100 lbs/acre) after a minimum of 4 weeks.
	cudweed <i>Poa annua</i> chickweed lawn burweed henbit com speedwell	2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre)	Apply in late summer or early fall prior to weed germination.
SOUTHERN GRASSES Bermudagrass* St. Augustinegrass Bahiagrass Buffalograss Zoysiagrass Centipedegrass Tall fescue	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/acre) prior to weed germination in the spring.	Apply a repeat application of 1.5 to 2.2 lbs/1,000 sq ft (67 to 100 lbs/acre) after a minimum of 4 weeks i necessary.
	goosegrass	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/acre) prior to weed germination in the spring. Apply a repeat application 2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre) after a minimum of 4 weeks.	An additional application of 1.5 lbs/1,000 sq ft (67 lbs/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	2.3 to 5.4 lbs/1,000 sq ft (100 - 233 lbs/acre)	Apply in late summer or early fall prior to weed germination.

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*Not for use on greens or tees

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Turfgrass Species	Weeds	Rates of PRE-M 1.5% PLUS FERTILIZER	Comments:
Bermudagrass greens			
	crabgrass foxtail <i>Poa annua</i> barnyardgrass fall panicum oxalis prostrate spurge purslane knotweed evening primrose hop clover	2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre) prior to weed germination.	Apply a repeat application of 1.5 lbs/1,000 sq ft (300 lbs/acre) after a minimum of 4 weeks if necessary.
	goosegrass	2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre) prior to weed germination in the spring.	Apply a repeat application of 2.3 lbs/1,000 sq ft (100 lbs/acre) after a minimum of 4 weeks.
	cudweed Poa annua chickweed lawn burweed henbit corn speedwell	2.3 to 3.1 lbs/1,000 sq ft (100 - 133 lbs/acre)	Apply in late summer or early fall prior to weed germination.

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The efficacy of PRE-M PLUS FERTILIZER will be improved if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. If PRE-M PLUS FERTILIZER is not activated by rainfall or irrigation within 30 days, erratic weed control may result.

PRE-M PLUS FERTILIZER can be applied before or after postemergence herbicides used to control emerged weeds in turfgrasses. For annual grass control applications can be made with Acclaim Extra¹ or MSMA to control emerged weeds. Broadleaf weeds can be controlled using Trimec², Three-Way³, 2,4-D, 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 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.

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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. **PRE-M PLUS FERTILIZER** will control annual grasses and broadleaf 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, constuction sites, parks, substations, lots, or similar areas:

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

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

ORNAMENTALS

RECOMMENDED SPECIES

PRE-M Plus Fertilizer is safe to use around and over the top of the established plants listed below. Refer to the APPLICATION RATE TABLE for recommended amount to use.

TREES

<u>Common Name</u>	<u>Scientific Name</u>
Alder, European black	Alnus glutinosa
Apple	Malus spp.
Arborvitae, American	Thuja occidentalis
Arbutus	Arbutus spp.
Ash, Red	Fraxinus pennsylvanica
Ash, White	Fraxinus americana
Aspen, Bigtooth	Populus grandidentata
Aspen, Quaking	Populus tremuloides
Basswood	Tilia spp.
Birch, European Weeping	Betula pendula
Birch, River	Betula nigra
Buckeye, Red	Aesculus pavia
Cedar, White	Thuja occidentalis
Chamaecyparis, Boulevard	Chamaecyparis pisifera
Cherry, Black	Prunus serotina
Cherry, Choke	Prunus virginiana
Cherry, Kwanzan	Prunus serrulata
Cherry, Nanking	Prunus tomentosa
Cottonwood	Populus deltoides
Crabapple	Malus spp.
Crepe Myrtle	Lagerstroemia indica
Cryptomeria, Japanese Cedar	C rypt omeria japonica
Cypress, Bald	Taxodium distichum
Cypress, Leyland	Cupressocyparis leylandii
Dogwood, Flowering	Cornus florida
Dogwood, Korean	Cornus kousa
Dogwood, Silky	Соти ѕ атотит

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Dogwood, Shrub Elm Fir, Balsam Fir, Douglas Fir, Fraser Fir, White Franklinia Ginkgo Gum, Black Gum, Sour Haw, Black Hawthorn Hemlock, Canada Hemlock, Eastern Holly, American Honeylocust Lilac, Common Lilac, Japanese Tree Linden Magnolia, Saucer Magnolia, Southern Magnolia, Star Maidenhair Tree Maple, Norway Maple, Japanese Maple, Red Maple, Sugar Nannyberry, Rusty Oak, Chinquapin Oak, Live Oak, Pin Oak, Red Oak, Swamp chestnut Oak, Water Oak, White Oak, Willow Olive Palm, Date Palm, Fan Palm, Pindo Palm, Washington Peach Pear, Bradford Pecan Pine, Austrian Pine, Italian Stone Pine, Loblolly Pine, Monterey Pine, Red Pine, Scotch Pine, Slash Pine, Virginia

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Cornus spp. Ulmus japonica Abies balsamae Pseudotsuga menziesii Abies fraseri Abies concolor Franklinia spp. Ginkgo biloba Nyssa sylvatica Nyssa sylvatica Viburnum prunifolium Crataegus spp. Tsuga canadensis Tsuga canadensis Ilex opaca Gleditsia triacanthos Syringa vulgaris Syringa reticulata Tilia spp. Magnolia soulangiana Magnolia grandiflora Magnolia stellata Ginkgo biloba Acer platanoides Acer palmatum Acer rubrum Acer saccharum Viburnum rufidulum Quercus muehlenbergii Quercus virginiana Quercus palustris Quercus rubra Quercus michauxii Quercus nigra Quercus alba Quercus phellos Olea europaea Phoenix spp. Washingtonia spp. Butia spp. Washingtonia spp. Prunus persica Pyrus calleryana 'Bradford' Carya illinoensis Pinus nigra Pinus pinea Pinus taeda Pinus radiata Pinus resinosa Pinus sylvestris Pinus elliottii Pinus virginiana

Pine, White Plum, Purple Leaf Poplar, Black Redcedar, Eastern Redcedar, Western Red Ironbark Redwood, Dawn Sequoia, Giant Serviceberry Sourwood Spruce, Colorado Blue Spruce, Dwarf Alberta Spruce, Norway Spruce, White Sweetgum Sycamore Trachycarpus Tulip tree Walnut, Black Willow, Weeping Yellowwood

Common Name Abelia, Glossy Aucuba, Gold Azalea Bamboo, Heavenly Barberry Barberry, Japanese **Blue Indigo Bush** Bottlebrush, Lemon Boxwood, Common Boxwood, Japanese Brittlebush **Buttonbush** Camellia Cape jasmine Cassia, Feathery Cordyline Correa Cotoneaster Cotoneaster, Bearberry Cotoneaster, Rock Cypress, Italian Cypress, Leyland Deutzia, Slender Dogwood, Red Twig Elaeagnus Escallonia

Pinus strobus Prunus cerasifera Populus nigra Juniperus virginiana Thuja plicata Eucalyptus sideroxylon 'Rosea' Metasequoia glyptostroboides Sequoiadendron giganteum Amelanchier laevis Oxydendrum arboreum Picea pungens Picea glauca 'albertiana' Picea abies Picea glauca Liquidambar styraciflua Platanus occidentalis Trachycarpus spp. Liriodendron tulipifera Juglans nigra Salix babylonica Cladrastis lutea

SHRUBS

Scientific Name Abelia grandiflora Aucuba japonica Rhododendron spp. Nandina domestica Berberis gladunymensis Berberis thunbergii Dalea gregii Callistemon citrinus Buxus sempervirens Buxus microphylla Encelia farinosa Cephalanthus occidentalis Camellia japonica Gardenia jasminoides Cassia artemisioides Cordyline spp. Correa spp. Cotoneaster apiculatus Cotoneaster dammeri Cotoneaster horizontalis Cupressus sempervirens Cupressocyparis leylandii Deutzia gracilis Cornus sericea Elaeagnus ebbingei Escallonia fradesii

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Euonymus Euonymus, Golden Euonymus, Winged Firethorn Forsythia, Border **Fragrant** Olive Fuschia, California Gardenia Hawthorne, Indian Hibiscus Holly, Chinese Holly, Japanese Holly, Fosters Holly, Savannah Holly, Yaupon Honeysuckle, Bush Hopseed Bush Hopbush Hydrangea Juniper Juniper, Chinese Juniper, Shore Juniper, Trailing Laurel, Cherry Laurel, Mountain Laurel, Otto Luyken Laurel, Schipka Laurustinus Lavender, English Leucothoe Leucothoe, Coast Lilac, Cut-leaf Lily-of-the-Nile Mahonia Mock Orange Myrtle, Compact Myrtle, Wax Nandina Oleander Oregon Grape Osmanthus Palm, European Fan Palm, Mediterranean Fan Phlox, Prickly Photinia, Fraser Pieris, Japanese Pine, Mugo Plum, Natal Privet, California Privet, Glossy Privet, Variegated Privet, Waxleaf

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Euonymus fortunei Euonymus japonica Euonymus alata Pyracantha coccinea Forsythia intermedia Osmanthus fragrans Zauschineria californica Gardenia jasminoides Raphiolepis indica Hibiscus syriacus Ilex cornuta Ilex crenata Ilex attenuata 'Fosteri' Ilex attenuata Ilex vomitoria Diervilla lonicera Dodonaea viscosa Dodonaea viscosa Hydrangea macrophylla Juniperus spp. Juniperus chinensis v. pfitzer Juniperus conferta Juniperus horizontalis Prunus laurocerasus Kalmia latifolia Prunus laurocerasus Prunus schipkanensis Viburnum tinus Lavandula angustifolia Leucothoe fontanesiana Leucothoe axillaris Syringa laciniata Agapanthus africanus Mahonia aquifolium Pittosporum tobira Myrtus communis Myrica cerifera Nandina domestica Nerium oleander Mahonia aquifolium Osmanthus fragrans Chamaerops humilis Chamaerops spp. Leptodactylon californicum Photinia x Fraseri Pieris japonica Pinus mugo Carissa grandiflora Ligustrum ovalifolium Ligustrum lucidum Ligustrum sinensis Ligustrum japonicum

Pyracantha Quince, Flowering Ranger, Texas Redroot Rhododendron Robira Rose Spice Plant Spiraea Spiraea, Anthony Waterer Spiraea, Japanese Sweet Bay **Trumpet Bush** Verbena, Lemon Viburnum Vitex Weigela Wild Lilac **Xylosma** Yellowbells Yew Yew, Japanese Yew, Southern Yucca, Adam's Needle Yucca, Weeping

Common Name Ajuga Baby Sun Rose Beach Strawberry Capeweed Cinquefoil, Spring Coyotebrush, Dwarf Daisy, Trailing African Dymondia Gazania Iceplant, Large Leaf Ivy, English Ivy, Geranium Jasmine, Asiatic Jasmine, Primrose Jessamine, Carolina Manzanita, Bearberry Miscanthus Mondograss Morningglory Myoporum Pachysandra Potentilla Red Apple

Pyracantha coccinea Chaenomeles japonica Leucophyllum frutescens Ceanothus spp. Rhododendron spp. Pittosporum tobiri Rosa spp. Illicium parviflorum Spiraea vanhouttei Spiraea x bumalda Spirea japonica Laurus nobilis Tecoma stans Aloysia triphylla Viburnum suspensum Vitex spp. Weigela florida Ceanothus spp. Xylosma congestum Tecoma stans Taxus media Taxus cuspidata Podocarpus macrophyllus Yucca filamentosa Yucca pendula

GROUND COVERS

Scientific Name Ajuga reptans Aptenia cordifolia Fragaria chiloensis Arctotheca calendula Potentilla verna Baccharis pitularis Osteospermum fruticosum Dymondia margaretae Gazania splendens Carpobrotus edulis Hedera helix Pelargonium peltatum Trachelospermum asiaticum Jasminum mesnyi Gelsemium sempervirens Arctostaphylos uva-ursi Miscanthus spp. Ophiopogon japonica Convolvulus spp. Myoporum parviflolium Pachysandra terminalis Potentilla fruticosa Aptenia cordifolia

Rosemary Rose-Of-Sharon Sand Strawberry Sedum St. Johnswort, Creeping Stonecrop Verbena, Peruvian Vervain Vetch, Crown Vinca Wintercreeper

Common Name Acacia Asparagus Aster, New York Aster, Stokes **Babys** Breath **Beard**-Tongue Bellflower **Bird** of Paradise Black-eyed Susan **Blanket** Flower **Bleeding Heart** California Poppy Calla lily Canna, common garden Carex Chincherinchee Cover, Crimson Columbine Coreopsis Crinum Lily Crocus Daffodil Daylily Fairy Duster Fern, Asparagus Fern, Boston Fern, Leatherleaf Fortnight Lily Foxglove Freesia Gaillardia Geum Gladiolus Heather, Dwarf Hosta Indian Blanket Lantana, Weeping

Rosemarinus officinalis Hypericum calycinum Fragaria chiloensis Sedum spurium Hypericum calycinum Sedum spurium Verbena peruviana Verbena peruviana Vicia sativa Vinca minor Euonymous fortunei

PERENNIALS

Scientific Name Acacia redolens Asparagus spp. Aster novi-belgii Stokesia laevis Gypsophila elegans Penstemon spp. Campanula spp. Caesalpinia pulcherrima Rudbeckia hirta Gaillardia X grandiflora Dicentra spectabilis Eschscholzia california Zantedeschia aethiopica Canna generalis 'Lucifer' *Carex* spp. Ornithogalum thyrsoides Trifolium incarnatum Aquilegia 'McKana Giant' Coreopsis lanceolata Crinum spp. Crocus spp. Narcissus spp. Hemerocallis spp. Calliandra eriophylla Asparagus officinalis Nephrolepis exaltata Rumohra adiantiformis Moraea spp. Digitalis purpurea Freesia X hybrida Gaillardia pulchella Geum spp. Gladiolus spp. Calluna vulgaris Hosta spp. Gaillardia pulchella Lantana montevidensis

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Leopards Bane Lily Liriope, Big Blue Liriope, Creeping Liriope, Variegated Moonbeam Montbretia Nightshade Orchid, Peacock **Oxeye** Daisy Peony, Chinese Purple Coneflower Purple Loosestrife Rosemary Sedge Shata Daisy Sweet Flag Tickseed **Texas Bluebonnet** Tulip Wisteria Wonder Flower Yarrow Zephyr Lily

Common Name

Beach Grass Fescue, Blue Fescue, Sheep Fountain Grass Pampas Grass Reed Canary Grass Reed, Giant Ribbon Grass Tufted Hair Grass

Common Name

Ageratum Alyssum Anemone, Poppy-flowered Artemesia Balloonflower Begonia Cabbage, Ornamental Caladium Cast-Iron Plant China Aster Crocosmia, Montebretia

17/22

Doronicum cordatum Lillium spp. Liriope muscari Liriope spicata Liriope muscari Coreopsis verticillata Crocosmia crocosmiiflora Solanum spp. Acidanthera bicolor Chrysanthemum leucanthemum Paeonia lactiflora Echinacea purpurea Lythrum virgatum Rosmarinus officinalis Carex spp. Chrysanthemum X superbum Acorus calamus Coreopsis lanceolata Lupinus texenis Tulipa spp. Wisteria spp. Ornithogalum thyrsoides Achillea millefolium Zephyranthes spp.

ORNAMENTAL GRASSES

Scientific Name

Ammophila breviligulata Festuca ovina Festuca ovina Pennisetum setaceum Cortaderia selloana Phalaris arundinacea Arundo spp. Phalaris arundinacea Deschampsia caespitosa

BEDDING PLANTS*

Scientific Name

Ageratum houstonianum Alyssum saxatile Anemone coronaria Artemesia spp. Platycodon grandiflorum Begonia spp. Brassica olereacea Caladium spp. Aspidistra elatior Callistephus chinensis Crocosmia X crocosmiiflora

Dahlia Dianthus **Dusty** Miller Gayfeather Gazania Treasure Flower Gazania Trailing Geranium Gloxinia Impatiens Kale, Ornamental Marigold, African Moss Rose Mum, Garden Pansy Periwinkle Periwinkle, Rose Petunia Plumosa Cockscomb Portulaca Salvia Snapdragon Statice Sweet William Vinca Zinnia

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Dahlia spp. Dianthus barbatus Senecio cineraria Liatris spp. Gazania rigens Gazania rigens leucolaena Geranium spp. Gloxinia simningia Impatiens spp. Brassica napus Tagates erecta Portulaca grandiflora Chrysanthemum spp. Viola tricolor Vinca major Catharanthus roseus Petunia spp. Celosia cristata Portulac**a** grandiflora Salvia s**p**lendens Antirrhinum majus Limonium spp. Dianthus barbatus Vinca major Zinnia spp.

*After planting bedding plants and before PRE-M PLUS FERTILIZER is applied, area to be treated should be watered sufficiently to pack soil around roots.

PRE-M PLUS FERTILIZER may be used on plant species not listed on this label. 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. <u>Do not treat plants grown for food or feed</u>. <u>Do not use treated plants for food or feed</u>.

ORNAMENTAL BULBS

PRE-M Plus Fertilizer 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 postemergence herbicide to control emerged weeds.

WILDFLOWERS

PRE-M Plus Fertilizer may be applied for control of susceptible annual weeds in plantings of wildflowers listed on the label (Black-eyed Susan, California Poppy, Coreopsis, Oxeye Daisy, etc.). This product may be applied to established perennial wildflowers before emergence of weeds or wildflowers. For wildflowers being established from seed, apply PRE-M Plus Fertilizer after wildflowers have emerged but prior to weed germination. If weeds have already germinated, add a labeled postemergence product to control emerged weeds.

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

ORNAMENTAL PRECAUTIONS

Apply PRE-M Plus Fertilizer to established plantings. DELAY applying this product to seedbeds, transplant beds, or liners until plants have become well rooted. Care must be taken that soil or planting mixes have settled firmly following transplanting and that there are no cracks that would allow direct contact of this product with roots. Applications where soil and media surfaces are uniformly covered will result in best weed control and ornamental tolerance. Plant only those desirable plant species listed on this label into soil treated the previous season with 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

PRE-M Plus Fertilizer can be incorporated into landscape and grounds maintenance programs to provide extended preemergence 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 postemergence product labeled for such use.

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 crushed into surface, then rinse thoroughly.

NON-BEARING FRUIT AND NUT CROPS AND VINEYARDS

PRE-M PLUS FERTILIZER may be applied for preemergence control of most annual grasses and certain broadleaf weeds on the following non-bearing crops:

Almond Apple		Olive Peach
Apricot		Pear
Cherry	× .	Pecan
Citrus		Pistachio
Fig		Plum
Grape		Prune
Nectarine		Walnut, English

Refer to APPLICATION RATE TABLE for rates.

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 contact of **PRE-M PLUS FERTILIZER** 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 dormant. Do not apply if buds

have started to swell. **PRE-M PLUS FERTILIZER** may be used where the roots of a fruit, vine, nut, or ornamental plant encroach into a treatable area.

NONCROPLAND AREAS INCLUDING TREE PLANTATIONS

PRE-M PLUS FERTILIZER is recommeded for grounds maintenance in noncropland areas; preemergence control of the weed species listed in and around established tree plantations (including Christmas trees); in and around established ornamentals planted in noncropland areas such as highway rights-of-way, and utility substations. This product may be used for hardwood and conifer regeneratin on conservation reserve program land or similar areas.

Refer to APPLICATION RATE TABLE for rates.

PRE-M PLUS FERTILIZER 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 may occur.

TOTAL VEGETATIVE CONTROL

PRE-M PLUS FERTILIZER 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 trees encroaching 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 **PRE-M PLUS FERTILIZER** with ARSENAL or diuron are recommended if control has been a problem for other herbicides.

APPLICATION RATE TABLE

For preemergence control of the weed species listed using broadcast spreader equipment, apply PRE-M PLUS FERTILIZER at the following rates:

Length of Control	Pounds required to treat 1 acre	Pounds required to treat 1000 sq.ft.
Short Term (2-4 months)	133 lbs	3.1 lbs
Long Term (6-8 months)	267 lbs	6.1 lbs



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

One bag (50 lbs) will cover 1/3 acre (16,130 sq ft) at a rate of 3.1 lbs per 1000 sq ft.

The efficacy of PRE-M PLUS FERTILIZER will improve if the application is followed by one-half inch of rainfall or its equivalent in sprinkler irrigation. If PRE-M PLUS FERTILIZER is not activated by rainfall or irrigation within 30 days, erratic weed control may result.

PRE-M PLUS FERTILIZER will not control established weeds.

If weeds should develop prior to activation of herbicide, shallow cultivate to destroy existing weeds or, where practical, remove by hand. When cultivating for any reason, it should be shallow. **PRE-M PLUS FERTILIZER** may be used before or after applications of herbicides registered for postemergence use (i.e. Roundup or Finale) for the control of established weeds. Do not apply sprays containing Roundup or Finale over the top of desirable plants. A **PRE-M PLUS FERTILIZER** treatment may be followed by any registered herbicide to control weeds not listed on the **PRE-M PLUS FERTILIZER** label.

WEED SPECIES CONTROLLED

PRE-M PLUS FERTILIZER is recommended for preemergence 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

<u>Common Name</u>	Scientific Name
Barnyardgrass	Echinochloa crus-galli
Bluegrass, Annual	Poa annua
Crabgrass	Digitaria spp.
Crowfootgrass	Dactyloctenium aegyptium
Foxtail, Giant	Setaria faberi
Foxtail, Green	Setaria viridis
Foxtail, Yellow	Setaria glauca
Goosegrass	Eleusine indica
Itchgrass	Rottboellia exaltata
Johnsongrass (from seed)	Sorghum halepense
Junglerice	Echinochloa colona
Lovegrass (from seed)	Eragrostis spp.
Panicum, Browntop	Panicum fasciculatum
Panicum, Fall	Panicum dichotomiflorum
Panicum, Texas	Panicum texanum
Sandbur, Field	Cenchrus incertus
Signalgrass	Brachiaria platyphylla
Sprangletop, Mexican	Leptochloa uninervia
Sprangletop, Red	Leptochloa filiformis
Witchgrass	Panicum capillare
Woolly Cupgrass	Eriochloa villosa

Common Name

Burweed, Lawn

Carpetweed

Clover, Hop

Eveningprimrose

Cudweed

Fiddleneck

Filaree

Henbit

Kochia

Pigweed

Purslane

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Lambsquarters

Puncturevine

Pusley, Florida

Rocket, London

Shepherdspurse

Speedwell, Corn

Spurge, Annual

Spurge, Prostrate

Woodsorrel, Yellow

Same.

BROADLEAF WEEDS CONTROLLED

Chickweed, Common Chickweed, Mouseear Knotweed, prostrate Smartweed, Pennsylvania Velvetleaf (Buttonweed)

Scientific Name Soliva pterosperma Mollugo verticillata Stellaria media Cerastium vulgatum Trifolium procumbens Gnaphalium spp. Oenothera biennis Amsinckia intermedia Erodium spp. Lamium amplexicaule Polygonum aviculare Kochia scoparia Chenopodium album Amaranthus spp Tribulus terrestris Portulaca oleracea Richardia scabra Sisymbrium irio Capsella bursa-pastoris Polygonum pensylvanicum Veronica arvensis Euphorbia spp. Euphorbia humistrata Oxalis stricta Abutilon theophrasti

WARRANTY

LESCO warrants that this herbicide conforms to the chemical description on this label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixture with other chemicals, and other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

Finale is a registered trademark of AgrEvo Trimec is a registered trademark of PBI Gordon Corp. Roundup is a registered trademark of Monsanto Company ARSENAL is a trademark of American Cyanamid Company Karmex is a registered trademark of E. I. DuPont de Nemours and Company LESCO and Pre-M are registered trademarks of LESCO. Inc. c:\data\products\lesco\combos\pendimet\10404-roipre-m + om2.doc

7/23/99 Initial Submission