



COMPANY  
NUMBER 10404

PRODUCT  
SERIAL NO. 91

LABEL  
APPROVAL  
DATE 5-22-96

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PM 03 10404-91 1043

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

10404-91

DATE OF ISSUANCE

MAY 22 1996

TERM OF ISSUANCE

Unconditional

NAME OF PESTICIDE PRODUCT

Lesco Fertilizer with 2.0%  
Barricade® Preemergence Herbicide

NOTICE OF PESTICIDE: ☒ REGISTRATION  
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Lesco, Inc  
200605 Lake Road  
Rocky River, OH 44116

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Add the phrase "EPA Registration No. 10404-91" to the label before you release the product for shipment.
2. Delete the phrase, "(20-bari.pn5/04-23-96)" from the Warranty statements.
3. Correct the typographic error in footnote 3, to "Maximum Application Rate/Calendar Year ..... " Table of dosages. The number must be 75, not 750, as written.
4. Submit one (1) copy of the final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Enclosure

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Joanne I. Miller

DATE

MAY 22 1996

CAUTION: Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact while handling the material may cause allergic reactions in some individuals.

**Statements of Practical Treatment**

If in eyes: Flush thoroughly with water for several minutes. Get medical attention if irritation persists. If on skin: Wash with soap and water. Rinse thoroughly. Get medical attention if irritation persists. If inhaled: Remove victim to fresh air.

**Environmental Hazards**

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility it may be 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 sites. Do not contaminate water when disposing of equipment washwaters.

## STORAGE AND DISPOSAL

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

**HAZARD:** Store in original container, away from other fertilizer, feed, or food stuffs and separated from other pesticides. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Paper and Plastic containers: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or at an incineration facility, or, if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens) and lawns. Landscape ornamentals, and established perennials & wildflower plantings. This product controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application.

Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

Do not graze or feed livestock forage cut from areas treated with this product.

Do not apply this product through any type of irrigation system.

Do not apply aerially.

Do not apply to golf course putting greens.

## Application Directions

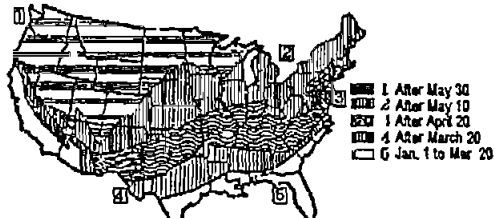
Apply uniformly through suitable, calibrated commercial application equipment.

## ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control lawn grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the Maximum Annual Rates section of this label.

Effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

## CRABGRASS SEED GERMINATION DATES Approximate Date



## Use Precautions

The following use precautions apply to the use of this product in turf grasses and lawns. Application of this product may thin emerged annual bluegrass and newly overseeded grasses.

Do not apply to overseeded turf for 60 days after seeding or until after the second mowing, whichever ever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil not thatch plus soil.

Do not cut treated sod before 120 days after application. Do not apply to newly set sod until the following year.

Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.

Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control.

Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass or annual bluegrass (Poa annua) are desirable species.

## Rates of Application

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds. Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

## Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table.

## MAXIMUM APPLICATION RATE/CALENDAR YEAR of LESCO Fertilizer with 2.0% Barricade Pre-emergence Herbicide by Turf Grass Species

Turf Species	lbs Lesco Fertilizer with 2.0% Barricade / Acre	lbs a.i. per A.
Bermudagrass <sup>2</sup>	75 lbs./A. (= 1.81 lbs./1,000 sq ft.)	1.5# / Acre
Bahiagrass		
Centipedegrass		
Seashore Paspalum		
St. Augustinegrass <sup>3</sup>		
Tall Fescue (including turf-type)		
Zoysia		
Buffalograss	50 lbs./A. (= 1.14 lbs./1,000 sq ft.)	1.0# / Acre
Kentucky Bluegrass		
Perennial Ryegrass		
Creeping Red Fescue	37 lbs./A. (= 0.85 lbs./1,000 sq ft.)	0.75# / Acre
Creeping Bentgrass	33 lbs./A. (= 0.76 lbs./1,000 sq ft.)	0.65# / Acre

1 These are the maximum rates per calendar year by species limitations.

2 May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 25 lbs./Acre. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

3 Use at an initial rate of 37 to 50 lbs./acre per application followed by sequential applications at doses that would not exceed the maximum annual application rate of 75 lbs./acre/year.

Do not apply more than 75 lbs. of this product per calendar year.

Use the higher rates of this product to achieve higher levels of fertility and weed control for each turf type.

seedling secondary roots are in the second inch of soil, not thatch plus soil.

## WHEN TO OVERSEED AFTER APPLICATION

Barricade will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/seedling results.

Lesco Fertilizer with 2.0% Barricade Rate (lbs./Acre)	Interval Before Overseeding			
Product	a.i.	North	Transition	South
25 lbs./A.	0.50	4 months	4 months	4 months
33 lbs./A.	0.66	5 months	4 months	4 months
37 lbs./A.	0.74	6 months	5 months	5 months
40 lbs./A.	0.80	-	6 months	6 months
50 lbs./A.	1.00	-	7 months	7 months
55 lbs./A.	1.14	-	-	9 months
65 lbs./A.	1.30	-	-	10 months

## LANDSCAPE ORNAMENTALS

(Including Established Perennial and Wildflower Plantings)

This product may be applied for residual preemergence weed control in ornamentals. Use Rates - Apply this product at 33 to 75 lbs./A in fall and/or spring. Use the higher rates of application for longer control periods. Sequential or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 75 pounds, per acre, per year.

## Application Timing and Information

This product may be applied to newly transplanted and established ornamentals as a broadcast, over the top or directed application. Irrigation or rainfall soon after application will wash residues off plant foliage and activate this product in the soil. This product may be applied at any time to established plants. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply this product after cuttings form roots and become established. Apply before budding/grating or after buds/grafs have taken to avoid any inhibition of the tissue union. This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application. Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of this product, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

## Tolerant Ornamental Species

This product will not harm most established ornamental trees, shrubs and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface, avoid applying to ornamental shoots which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of these species without injury.

Scientific name	Common name	Scientific name	Common name
Abies spp.	Fir Species Balsam, etc.**	Malocophora laevis	Ice Plant
Acer palmatum	Japanese Maple	Mandarin	Crabapple
A. platanoides	Norway Maple	Nelumbo domestica	Heavenly Bamboo
Actinidia chinensis	Kiwifruit (Ornamental Only)	Olea europaea	Olive (Ornamental only)
Agapanthus africanus	Lily-of-the-Nile	Opheopogon japonicus	Mondo Grass
Arctostaphylos densiflora	Vine Hill Manzanita	Ostrya virginica	Trailing African Daisy
Arctostaphylos uva-ursi	Cape Weed	Oxydendrum arboreum	Sourwood
Aucuba japonica	Japanese Aucuba	Persea americana	Avocado*
Barbena gladiolifera	Barberry	Photinia fraseri	Fraser's Photinia (Redtip)
B. julianae	Wintergreen Barberry	Picea spp.	Colorado Blue, Norway etc.
B. mentiensis	Marion Barberry	Paria japonica	Lily-of-the-Valley Shrub
B. thunbergii	Japanese Barberry	Pinus brutia	Calabrian Pine
B. verticillata	Warty Barberry	P. canariensis	Canary Island Pine
Buxus microphylla	Japanese Boxwood	P. eliotii	Slash Pine
Calistemon viminalis	Weeping Bottlebrush	P. halepensis	Aleppo Pine
Calluna vulgaris	Scotch Heather	P. nigra	Austrian Black Pine
Carpobrotus edulis	Hottentot Fig (Ice Plant)	P. radiata	Monterey Pine
Cassia eriarnica	Festive Cassia	P. taeda	Longleaf Pine
Ceanothus rugosus	Wild Lilac	P. taeda	Eastern White Pine
Chamaecyparis pumila	Faia Cypress	P. taeda	Scotch Pine
Cleome japonica	Cleome	P. taeda	Loblolly Pine
Citrus spp.	Citrus species*	P. taeda	Japanese Black Pine
Cornus florida	Flowering Dogwood	P. taeda	Platanus
C. sikkimensis	American Dogwood	P. taeda	Queenland Pinesap
Coriaria selocens	Pampas Grass	P. taeda	Japanese Pinesap
Crataegus punctatus	Cranberry Colonaster	P. taeda	Podocarpus
C. buxifolia	Colonaster	P. taeda	English Laurel
C. dammeri	Bearberry Colonaster	P. taeda	Amor, Apricot, Nandina
C. microphylla	Rocky Mountain Colonaster	P. taeda	Fraser, Fir and Prun*
Crataegus spp.	Hawthorne*	P. taeda	Douglas Fir (Orn. Siles)
Cupressus sempervirens	Italian Cypress	P. taeda	Firethorn (Scarlet)
Delosperma alba	White Trailing Ice Plant	P. taeda	Firethorn (Scarlet)
Dodonaea viscosa	Hop Bush	P. taeda	Bradford Pear sp.
Elaeagnus pungens	Silverberry	P. taeda	Oak spp.
Eucalyptus fortunei	Winterreeper	P. taeda	Indian Hawthorne
E. japonica	Evergreen Eucalyptus	P. taeda	'Coral Balls'
E. laurifolia	Spreading Eucalyptus	P. taeda	'Formosa', 'Hino-crimson'
Fatsia japonica	Japanese Fatsia	P. taeda	'PJM Roseum Elegans'
Foraytia intermedia	Border Forsythia	P. taeda	Lady Bank's Rose
F. viridis	Greenstem Forsythia	P. taeda	Rosemary
Gardenia jasminoides	Gardenia Cape-Jasmine	P. taeda	Santolina
Hedera helix	Chinese Hysteria	P. taeda	Stonewort
Hibiscus rosa-sinensis	Chinese Hibiscus	P. taeda	Japanese Boxberry
Ilex cornuta	Chinese Holly	P. taeda	Japanese Yew
I. crenata	Japanese Holly	P. taeda	Yew Var.
I. opaca	American Holly	P. taeda	American Arborvitae
I. pernyi	Holly	P. taeda	Star Jasmine
Jasminum nudiflorum	Winter Jasmine	P. taeda	Common Hemlock
Juniperus chinensis	Walnut*	P. taeda	Japanese Viburnum
J. conferta	Chinese Juniper	P. taeda	Sweet Viburnum
J. horizontalis	Shore Juniper	P. taeda	Japanese Snowball
Justicia brandegeana	Creeping Juniper	P. taeda	Canary Island Viburnum
Lagerstromia indica	Srimp Plant	P. taeda	Laurustinus
Ligustrum amurensis	Crape Myrtle	P. taeda	Cranberry Bush
L. japonicum	Amur Privet	P. taeda	Leatherleaf Viburnum
L. lucidum	Japanese Privet	P. taeda	Dwarf Periwinkle
Loropetalum chinensis	Glossy Privet	P. taeda	Grape*
Lonicera japonica	Big Blue Lily Turf	P. taeda	Old Fashioned Weigela
L. xialensis	Japanese Honeysuckle	P. taeda	Spanish Bayonet
Lythrum	Tatarian Honeysuckle	P. taeda	Yucca, Adam's Needle

\* Ornamental species only. Do not use on food-producing trees or vines. \*\* See Lesco website for more information.

## LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read the Limitation of Warranty and Limitation of 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.

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, inefficacy, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the manufacturer or seller. All such risks shall be assumed by buyer or user.

The manufacturer warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use under normal use conditions, subject to the risks described above. THE MANUFACTURER MAKES NO OTHER WARRANTIES OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY, in no event shall the manufacturer or seller be liable for any incidental, consequential or special damages resulting from the use of this product.

The manufacturer and seller offer this product, and buyer and user accept it, subject to the foregoing limitations of warranty and limitation of liability which may not be modified by any oral or written agreement. (26-bari-p0504-25-95)

## SPREADER SETTINGS

Spreader	Settings for pounds /1,000 sq ft.
	0.76 # 0.85# 1.14#
LESCO ROTARY	XX XX XX
SCOTTS ROTARY	XX XX XX

Net Weight: 50 Pounds

EPA Reg. No. 10404-BK EPA Est. No. 10404-OH-1

Lesco, Inc. 20005 Lake Road - Rocky River, OH 44116

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAY 22 1996

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

10404-91