



**COMPANY
NUMBER**

10404

**PRODUCT
SERIAL NO.**

89

**LABEL
APPROVAL
DATE**

5-22-96

PM 23 10404-89 1/9/3

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 10404-89	DATE OF ISSUANCE MAY 22 1996
	TERM OF ISSUANCE Unconditional	
	NAME OF PESTICIDE PRODUCT Lesco Fertilizer with 0.43% 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
 20005 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. 10404-89" to the label before you release the product for shipment.
2. Delete the phrase, "(43-bari.pn5|04-23-96)" from the Warranty statements.
3. 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 <i>Joanne I. Miller</i>	DATE MAY 22 1996
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...of contamination water, food, or feed by storage or disposal.
 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

of contaminate water, food, or feed by storage or disposal.
SAFETY: 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.

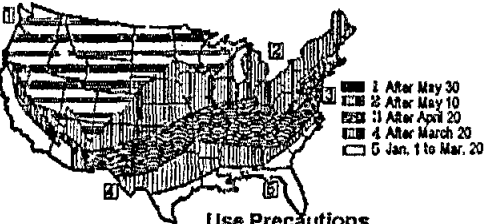
DIRECTIONS FOR USE

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 certain grass and broadleaf weeds in established turf grass 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.
 Most 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 over-seeded grasses.
 Do not apply to overseeded turf for 60 days after seeding or until after the second mowing, which ever is longer. Injury to desirable seedlings is likely if this product is applied before seedling 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.

Turf Species:	Lbs. Lesco Fertilizer with 0.43% Barricade / Acre	Lbs. a.i. per A.
Bermudagrass ² Bahiagrass Centipedegrass Seashore Paspalum St. Augustinegrass ³ Tall Fescue (including turf-type) Zoysia	349 lbs./A (= 8.01 lbs./1,000 sq.ft.)	1.5# / Acre
Buffalograss Kentucky Bluegrass Perennial Ryegrass Creeping Red Fescue Creeping Bentgrass	233 lbs./A (= 5.34 lbs./1,000 sq.ft.) 175 lbs./A (= 4.02 lbs./1,000 sq.ft.) 150 lbs./A (= 3.44 lbs./1,000 sq.ft.)	1.0 # / Acre 0.75 # / Acre 0.65 # / Acre

- These are the maximum rates per calendar year by species limitations.
- May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 121 lbs./Acre. Newly sprigged or plugged Bermudagrass sod rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.
- Use at an initial rate of 175 to 233 lbs./acre per application followed by sequential applications at doses that would not exceed the maximum annual application rate of 349 lbs./acre/year.
Do not apply more than 349 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.

Product	Lesco Fertilizer with 0.43% Barricade Rate (lbs./Acre)	North	Transition	South
116 lbs./A	0.50	4 months	4 months	4 months
150 lbs./A	0.66	5 months	4 months	4 months
175 lbs./A	0.74	6 months	5 months	5 months
185 lbs./A	0.80	-	6 months	6 months
233 lbs./A	1.00	-	7 months	7 months
265 lbs./A	1.14	-	-	9 months
302 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 150 to 349 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 349 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/grafting or after buds/grfts 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
<i>Abies</i> spp.	Fir Species, Balsam, etc.**	<i>Asplenium nidus</i>	Ice Plant
<i>Acer palmatum</i>	Japanese Maple	<i>Asplenium platyneuron</i>	Crabapple*
<i>Adiantum</i> spp.	Norway Maple	<i>Asplenium septentrionale</i>	Heavily Bamboo
<i>Adiantum chinensis</i>	KW* (Ornamental Only)	<i>Celastrus scandens</i>	Olive*(Ornamental only)
<i>Agapanthus africanus</i>	Lily-of-the-Nile	<i>Chamaecyparis japonica</i>	Mondo Grass
<i>Arctostaphylos densiflora</i>	Vine Hill Manzanita	<i>Chamaecyparis nivalis</i>	Trailing African Daisy
<i>Arctostaphylos uva-ursi</i>	Cape Weed	<i>Clematis vitalba</i>	Sourwood
<i>Aucuba japonica</i>	Japanese Aucuba	<i>Clematis flammula</i>	Avocado*
<i>Barberis gladiolifolia</i>	Barberry	<i>Phlox paniculata</i>	Fraser's Phloxina(Reclio)
<i>B. julianae</i>	Winegreen Barberry	<i>Picea</i> spp.	Colorado Blue, Norway, etc.
<i>B. menziesii</i>	Mentor Barberry	<i>Pieris japonica</i>	Lily-of-the-Valley Shrub
<i>B. thunbergii</i>	Japanese Barberry	<i>P. caroliniana</i>	Caribbean Pine
<i>B. verticillata</i>	Warty Barberry	<i>P. elliptica</i>	Canary Island Pine
<i>Buxus microphylla</i>	Japanese Boxwood	<i>P. hesperalis</i>	Slash Pine
<i>Callistemon viminalis</i>	Weeping Bottlebrush	<i>P. nigris</i>	Aleppo Pine
<i>Calluna vulgaris</i>	Scotch Heather	<i>P. radiata</i>	Austrian Black Pine
<i>Carpobrotus edulis</i>	Hottentot Fig (Ice Plant)	<i>P. taeda</i>	Monterey Pine
<i>Cassia artemisioides</i>	Fairy Cassia	<i>P. virginiana</i>	Longleaf Pine
<i>Ceanothus rigidus</i>	Wild Lilac	<i>P. strobus</i>	Eastern White Pine
<i>Chamaecyparis pisifera</i>	False Cypress	<i>P. sylvestris</i>	Scotch Pine
<i>Cleyera japonica</i>	Cleyera	<i>P. taeda</i>	Loblolly Pine
<i>Citrus</i> spp.	Citrus species*	<i>P. taeda</i>	Japanese Black Pine
<i>Cornus florida</i>	Flowering Dogwood	<i>P. taeda</i>	Pistachio*
<i>C. stolonifera</i>	American Dogwood	<i>Pittosporum rhomboidatum</i>	Queensland Pittosporum
<i>Cortaderia seloana</i>	Pampas Grass	<i>P. latifolium</i>	Japanese Pittosporum
<i>Coloneaster aculeatus</i>	Cranberry Coloneaster	<i>Podocarpus macrophylla</i>	Podocarpus sp.
<i>C. buxifolius</i>	Coloneaster	<i>Prunus laurocerasus</i>	English Laurel
<i>C. dummi</i>	Barberry Coloneaster	<i>Prunus</i> spp.	Almond, Apricot, Nectarine, Peach, Plum and Pine*
<i>C. microphylla</i>	Rockspray Coloneaster	<i>Pseudotsuga menziesii</i>	Douglas Fir (Orna. Sites)
<i>Chamaecyparis</i> spp.	Hawthorn*	<i>Pyracantha coccinea</i>	Firethorn(Scarlet)
<i>Cupressus sempervirens</i>	Italian Cypress	<i>P. fortuneana; koidzumii</i>	Firethorn spp.
<i>Dalmanella sibirica</i>	White Trailing Ice Plant	<i>Pyrus</i> spp.	Bradford Pear sp.
<i>Dodonaea viscosa</i>	Hop Bush	<i>Quercus</i> spp.	Oak spp.
<i>Elaeagnus pungens</i>	Silverberry	<i>Rephicaria indica</i>	Indian Hawthorne
<i>Eucalyptus fortunei</i>	Wintercreeper	<i>Rhododendron (including azalea)</i>	"Coral Balls"*
<i>E. japonica</i>	Evergreen Euonymus	<i>Rose banksiae</i>	"Formosa", "Hino-Bimsoof", "SJM", "Roseum Edgatae"
<i>E. kutuzovica</i>	Spreading Euonymus	<i>Rosa rugosa</i>	Lady Banks' Rose
<i>Fatsia japonica</i>	Japanese Aralia	<i>Rosa rugosa officinalis</i>	Rosemary
<i>Forsythia intermedia</i>	Border Forsythia	<i>Rosa rugosa viciosa</i>	Carolina Rose
<i>F. viridissima</i>	Greenstem Forsythia	<i>Sedum album</i>	Stonecrop
<i>Gardenia jasminoides</i>	Gardenia, Cape-Jasmine	<i>Syzygium paniculatum</i>	Japanese Boughery
<i>Hedera helix</i>	English Ivy	<i>Taxus cuspidata</i>	Japanese Yew
<i>Hibiscus rosa-sinensis</i>	Chinese Hibiscus	<i>T. media</i>	Yew, Var.
<i>Ilex cornuta</i>	Chinese Holly	<i>Thuja occidentalis</i>	American Arborvitae
<i>I. crenata</i>	Japanese Holly	<i>Trachelospermum jasminoides</i>	Star Jasmine
<i>I. opaca</i>	American Holly	<i>Taxus canadensis</i>	Common Hemlock
<i>I. pernyi</i>	Holly	<i>Viburnum japonicum</i>	Japanese Viburnum
<i>Jasminum nudiflorum</i>	Winter Jasmine	<i>V. odoratissimum</i>	Sweet Viburnum
<i>Juglans</i> spp.	Walnut*	<i>V. plicatum</i>	Japanese Snowball
<i>Juniperus chinensis</i>	Chinese Juniper	<i>V. rigidum</i>	Canary Island Viburnum
<i>J. conferta</i>	Shore Juniper	<i>V. tinus</i>	Laurustinus
<i>J. horizontalis</i>	Creeping Juniper	<i>V. tinobium</i>	Cranberry Bush
<i>Justicia brandegeana</i>	Shrimp Plant	<i>V. wrightii</i>	Leatherleaf Viburnum
<i>Lagerstromia indica</i>	Crepe Myrtle	<i>Vincetoxicum</i>	Dwarf Periwinkle
<i>Ligustrum amurense</i>	Amur Privet	<i>Vitis</i> spp.	Grape*
<i>L. japonicum</i>	Japanese Privet	<i>Weigela florida</i>	Old Fashioned Weigela
<i>L. lucidum</i>	Glossy Privet	<i>Yucca aloëfolia</i>	Spanish Bayonet
<i>Lilippe muscari</i>	Big Blue Lily Turf	<i>Yucca filamentosa</i>	Yucca, Adam's Needle
<i>Lonicera japonica</i>	Japanese Honeysuckle		
<i>L. latifolia</i>	Tatarian Honeysuckle		

*Ornamental species only. Do not use on food producing trees or vines. **For use on landscape ornamentals only.

LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

NOTICE: Read this 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, herbicide resistance 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 this 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 EXPRESS 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 or handling 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. (43-bar pms04-23-96)

Spreader	SPREADER SETTINGS		
	Settings for pounds/1,000 sq.ft.		
	3.44 #	4.02#	5.34#
LESCO ROTARY	XX	XX	XX
SCOTTS ROTARY	XX	XX	XX

Net Weight: 50 Pounds
 EPA Reg. No. 10404-10 EPA Est. No. 10404-OH-1
 Lesco, Inc. 2005 Lake Road - Rocky River, OH 44116

