

10404-97

8-16-2000

1/8

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

EPA REGISTRATION NO. 10404-97	DATE OF ISSUANCE AUG 16 2000
TERM OF ISSUANCE Conditional	
NAME OF PESTICIDE PRODUCT SuperStar™ Plus Mini Fertilizer	

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 Rivr, OH 44116-1545

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. Submit and/or cite all data required for registration/ reregistration of this product when the Agency requires all registrants of similar products to submit data.
2. Add the phrase "EPA Registration No. 10404-97" to the label before you release the product for shipment.
3. Submit one (1) copy of the final printed label, before you release the product for shipment under the stamped enclosed label.

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.

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

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Joanne I. Miller

DATE
AUG 16 2000

2/8

ACCEPTED
with COMMENTS
In EPA Letter Dated

AUG 16 2000

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
10404-97

LESCO®

SuperStar™ Plus Mini Fertilizer

SuperStar™ Plus Mini Fertilizer is a combination of Dimension® and Ronstar® selective herbicides that provide control of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes.

NOT FOR USE on residential lawns or turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

In New York State this product may only be used by professional applicators at no more than 333 pounds (0.5 pounds of active ingredient) per year and is prohibited from use in Nassau and Suffolk Counties.

ACTIVE INGREDIENTS:

- Dithiopyr (3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester) 0.15%
- Oxadiazon (2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-Δ-1,3,4-oxadiazolin-5-one) 1.00%

INERT INGREDIENTS:..... 98.85%

Total 100.00%

Product protected by U.S. Patent No. 4,692,184. Other patents pending.

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Some components of this product may cause eye irritation

See Below for Additional Precautionary Statements

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

3/9

STATEMENT OF PRACTICAL TREATMENT

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 IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

X-X-X

GUARANTEED ANALYSIS

(Note: Fertilizer guaranteed analysis will vary.)

TOTAL NITROGEN (N)	X.XX%
X.XX% Ammoniacal Nitrogen	
X.XX% Urea Nitrogen*	
AVAILABLE PHOSPHATE (P₂O₅)	X.XX%
SOLUBLE POTASH (K₂O)	X.XX%
SULFUR (S) Total	X.XX%
X.XX% Free Sulfur (S)	

Derived From: Poly Coated Sulfur Coated Urea, Urea, Ammonium Phosphate, Muriate of Potash.

Chlorine (Cl) Max. X.XX%

*X.XX% Slowly Available Nitrogen from LESCO® Poly Plus® Sulfur Coated Urea.

F335

Made in U.S.A.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

STORAGE: Store this product only in its original container in a cool, dry, secured storage area.

PRODUCT DISPOSAL: Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed in a landfill approved for pesticide disposal or in accordance with applicable federal, state or local regulations.

EMPTY CONTAINER DISPOSAL: Do not reuse bag. Completely empty bag into application equipment. Dispose of empty bag(s) in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

4/9

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

GENERAL INFORMATION

This product is a mixture of two selective herbicides that provide control of crabgrass and other annual grasses and broadleaf weeds in established commercial lawns and ornamental turf, including golf course fairways, roughs, and tee boxes. This product will not harm nearby established ornamentals when used according to label directions. **NOT FOR USE ON HOME LAWNS.**

USE PRECAUTIONS

Turfgrass Safety - This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. The grass must have developed a good root system and a uniform stand, and have received at least two mowings following its seeding, sodding, or sprigging before it can receive its first application of this product. Use of this product on lawns and ornamental turfs that are not well-established, or on those that have been weakened by weather-, pest-, disease-, chemical-, or mechanical-related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

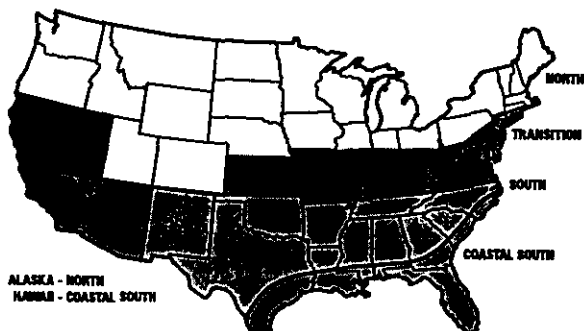
Cool-Season Grasses

<u>Common Name</u>	<u>Scientific Name</u>
Bluegrass, Kentucky	<i>Poa pratensis</i>
Fescue, tall	<i>Fescue arundinacea</i>
Ryegrass, perennial	<i>Lolium perenne</i>

Warm-Season Grasses

<u>Common Name</u>	<u>Scientific Name</u>
Bermudagrass	<i>Cynodon dactylon</i>
St. Augustinegrass	<i>Stenotaphrum secundatum</i>
Zoysiagrass	<i>Zoysia japonica</i>

SuperStar TURFGRASS REGIONS



Reseeding, Overseeding or Sprigging

Reseeding, overseeding or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices

such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

DO NOT use this product on golf course putting greens.

Other Use Precautions

The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf or first tiller. For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.

Apply this product directly to established lawns or ornamental turfs only.

DO NOT apply to flowers, vegetables, shrubs or trees.

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees.

DO NOT apply this product to pastures. Keep people and pets off treated areas until dust has settled.

APPLICATION DIRECTIONS

Control of Crabgrass and Goosegrass

Pre-emergence and Early Postemergence Control

This product provides "preemergence" control of crabgrass (including the large, smooth and southern species) and goosegrass when applied prior to emergence from the ground in established lawns and ornamental turfs. It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground; however, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Post-emergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-4 week longer period of time to make applications and still control crabgrass.

Application Frequency and Timing

This product may be applied as a single application, as a split application, or as a sequential application for crabgrass and goosegrass control in the spring, summer or fall. Since goosegrass germinates later in the season than crabgrass, a single application of at least 200 lb/acre can be applied just prior to goosegrass germination for season-long control.

DO NOT apply more than 7.65 pounds of this product per 1,000 sq ft per application, and no more than 22.95 pounds of this product per 1,000 sq ft per year.

Spring Applications

For single applications made in the spring or early summer, this product should be applied at the appropriate rate corresponding to one of the three control programs listed in Table 1 below, depending on the user's location, the turfgrass mowing height, and whether the use is considered to be preemergence or early postemergence at the time of the application. The duration of residual weed control provided by this product is directly related to the total rate applied, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

6/8

Use Program #1 for preemergence control at sites where the turfgrass is cut high (e.g., roughs). This program provides 3-5 months of pre-emergence crabgrass control. This program should not be used for early postemergence crabgrass control.

Use Program #2 for preemergence control at sites where turfgrass is cut low (e.g., golf fairways), or turfgrass maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass/goosegrass control. This program may also be used for early postemergence control at sites where turfgrass is cut high (e.g., roughs).

Use Program #3 for preemergence control at sites where turfgrass is cut low (e.g., golf fairways) or turf maintenance or weed control has not been conducted during the previous year. This program provides 4-6 months of preemergence crabgrass/goosegrass control. This program may also be used for early postemergence crabgrass control at sites where turfgrass is cut low (e.g., golf fairways).

Subsequent, sequential pre-and/or postemergence applications should be made where longer periods of control are desired.

Where split fertilizer applications are recommended, the rates in Table 1 may be split across two applications made 6-10 weeks apart and prior to crabgrass emergence.

Table 1: Recommended Single Application Use Rates*

(Pounds of this product per 1,000 sq ft)

PROGRAM	#1	#2	#3
USE (turfgrass cut) REGION	Preemergence (<u>high cut turf</u>)	Preemergence (<u>low cut turf</u>) Postemergence (<u>high-cut turf</u>)	Preemergence (<u>low cut turf</u>) Postemergence (<u>low-cut turf</u>)
North	1.91 lb/1,000 ft ² ‡	2.75 lb/1,000 ft ² ‡	3.82 lb/1,000 ft ²
Transition	2.75 lb/1,000 ft ² ‡	3.82 lb/1,000 ft ²	5.66 lb/1,000 ft ²
South	3.82 lb/1,000 ft ²	5.66 lb/1,000 ft ²	7.65 lb/1,000 ft ²
Coastal South	5.66 lb/1,000 ft ²	7.65 lb/1,000 ft ²	7.65 lb/1,000 ft ^{2**}

*DO NOT apply more than 7.65 lb of this product per 1,000 sq ft per application, and no more than 22.95 lb of this product per 1,000 sq ft per year. Postemergence control is limited; see "Crabgrass Control" and "Precautions" sections above. Regions include areas listed below. See Map of United States.

‡ Particle distribution at this rate may not provide adequate control or suppression.

North: all areas not designated below.

Transition: DE, KS, KY, MD, MO, NJ, VA, southeastern PA, southern areas of IL, IN, OH, & coastal areas of CT, NY & RI.

South: AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN & TX.

Coastal South: HI, FL & southern coastal areas of AL, GA, LA, MS, NC, SC & TX.

** May require split or sequential applications for full control.

Fall Applications

7/18

This product can also be applied in the late summer or early fall (late August through November) at the "Program 3" use rates listed in Table 1 to provide control of crabgrass through the early part of the next spring. The fall application should be followed by an appropriate spring application to provide season-long control.

Tips for Improved Control

For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application. When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result.

Use of split (half-rate) applications spaced 6-8 weeks apart may provide improved weed control.

Control of Other Grasses and Broadleaf Weeds

Spring Application

Used as directed for crabgrass control in the spring, this product will also control the following weeds when applied prior to their emergence:

- | | |
|--------------------------|--|
| barnyardgrass | lespedeza (common) |
| bluegrass (annual) | oxalis (buttercup, creeping & yellow woodsorrel) |
| carpetgrass | pigweed |
| crowfootgrass | purslane (common) |
| fall panicum | ryegrass (annual & perennial) |
| Florida pusley | smutgrass |
| foxtail (yellow & green) | speedwell (corn) |
| goosegrass | spurge (prostrate & spotted) |
| kikuyugrass | stinging nettle |

Fall Application

Used as directed for late summer or early fall use, for crabgrass control through the early part of the next spring, this product will also control (at the "Program 3" rates) or suppress (at the "Program 2" rates) the following weeds when applied prior to their emergence:

- | | |
|--------------------|---------------------|
| bluegrass (annual) | geranium (Carolina) |
| bittercress | parsley-piert |
| chickweed | pineappleweed |
| henbit | shepherdspurse |

SUGGESTED SPREADER SETTINGS

Spreader	Calibration Gauge Setting #	Recommended Rates in lb per 1,000 sq ft				
		1.91 lb	2.75 lb	3.82 lb	5.66 lb	7.65 lb
LESCO		X	X	X	X	X
Cyclone or Spyker		X	X	X	X	X
Vicon		X	X	X	X	X
Lely		X	X	X	X	X

Apply SuperStar Plus Mini Fertilizer with drop or rotary spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting

8/8

the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the lawn or ornamental turf area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

COVERAGE: 4.6 lb per 1,000 sq ft is equal to 0.3 lb dithiopyr and 2.0 lb of oxadiazon per acre. Coverage per 50 lb bag at this rate is ¼ acre.

WARRANTY AND CONDITIONS OF SALE

LESCO warrants that SuperStar Plus Mini Fertilizer conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use.

LESCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of LESCO and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pest, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL LESCO OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

LESCO and Poly Plus are registered trademarks of LESCO, Inc.

DIMENSION® is a registered trademark of Rohm & Haas Company.

Ronstar is a registered trademark of Rhône-Poulenc.

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Net Weight: 50 lb (22.7 kg)

EPA Reg. No. 10404-OT
EPA Est. No. 10404-OH-04

#062277

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

Initial Submission 5/19/99, Resubmission 12/8/99

5/26/00 Resubmission