

LESCO 2.5 BENEFIN GRANULAR

Pre-Emergence Weed Control
FOR PROFESSIONAL TURF MAINTENANCE OPERATORS ONLY

ACTIVE INGREDIENT	By Weight
N-butyl-N ethyl alpha, alpha, trifluoro 2,6-dinitro p toudine	25%
INERT INGREDIENTS	97.5%
TOTAL	100.0%

CAUTION: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Harmful if swallowed. Irritates or abrades the skin. Avoid breathing dust or spray mist. Avoid contact with skin. Wash thoroughly after handling. In case of contact, flush with water for 15 minutes. For skin wash with plenty of soap and water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor runoff or drift from target area. Do not contaminate water by cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE

Read following carefully before application. Use this product only in accordance with the label directions.

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

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticide spray mixture, or rinse water that cannot be used according to label instructions must be disposed of in accordance with applicable federal, state or local procedures.

Container Disposal: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bag in a sanitary landfill or by incineration if allowed by state and local authorities.

For use on Established turfs listed below which are tolerant to the herbicide in this product when applied as directed. See PRECAUTIONS

Bluegrass (perennial)	Bermudagrass
Ryegrass (perennial)	Centipedegrass
Fescue (except fine leaved)	St. Augustinegrass
Bahagrass	Zoysiagrass

WHEN TO APPLY: Apply to established turf before germination of annual weeds listed below. The general times of application are covered below. The precise time of application for a specific area will vary significantly because of climate and individual cultural practices. Consult State Agricultural Experiment Station Weed Specialist or Local Turf Authorities for any additional information regarding specific weed germination dates in your area.

APPLICATION DIRECTIONS:

Rates, Frequency and Timing of Application

Successful pre-emergence control of the annual grass weeds listed on label requires proper timing of application.

Apply Lesco 2.5 Benefin approximately one to two weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application.

Any cultural practices that disturb the soil surface immediately after timing should be done prior to application of Lesco 2.5 Benefin.

1. Spring germinating summer annual grasses (crabgrass, foxtails and barnyard grass)

A. Northern (cool season) turfgrasses
For pre-emergence control, apply 60 to 80 pounds (2 to 3 pounds active ingredient) of Lesco 2.5 Benefin per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

B. Southern (warm season) turfgrasses
For pre-emergence control, apply 60 to 80 pounds (2 to 3 pounds active ingredient) of Lesco 2.5 Benefin per acre in the late spring or early summer, one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

In areas of the United States where germination of these annual weed grass species continues for extended periods of time, a second application of Lesco 2.5 Benefin at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

2. Late spring/early summer germinating annual grasses (goosegrass)
Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtails, and other summer annual grass species. Applications of Lesco 2.5 Benefin should therefore be timed accordingly.

A. Northern (cool season) turfgrasses
For pre-emergence control, apply 80 pounds (2 pounds active ingredient) of Lesco 2.5 Benefin per acre in the late spring or early summer, one to two weeks prior to the expected germination of goosegrass.

When Lesco 2.5 Benefin is applied as directed, the following established turfgrasses are tolerant:

Kentucky bluegrass	Zoysiagrass
Perennial ryegrass	Bermudagrass
Centipedegrass	St. Augustinegrass
Fescue	Bahagrass

Lesco 2.5 Benefin will not harm most nearby established ornamental trees and shrubs.

3. Northern and southern turfgrasses
In areas of the United States where pre-emergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of Lesco 2.5 Benefin at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

4. *Poa annua* (annual bluegrass)
In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeded will encourage existing desirable turfgrasses and

newly planted seedling turfgrasses to reestablish in areas previously occupied by annual bluegrass.

A. Northern (cool season) turfgrasses
For pre-emergence control, apply 60 pounds (2 pounds active ingredient) of Lesco 2.5 Benefin per acre in late summer or early fall, or in late winter or early spring one to two weeks prior to the expected germination of annual bluegrass.

B. Southern (warm season) turfgrasses
For pre-emergence control, apply 120 pounds (3 pounds active ingredient) of Lesco 2.5 Benefin per acre in the late summer or early fall, one to two weeks prior to the expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of Lesco 2.5 Benefin at 120 pounds per acre can be made 10 to 12 weeks after the initial treatment.

For application to smaller areas, apply the following amounts of Lesco 2.5 Benefin:

Lesco 2.5 Benefin	Lesco 2.5 Benefin
Per Acre	Per 1,000 Sq. Ft.
60 pounds	1 1/2 pounds
80 pounds	2 pounds
120 pounds	3 pounds

RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying Lesco 2.5 Benefin. When reseeding it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. When using Lesco 2.5 Benefin at the highest recommended rate, reseeding should be delayed 12 to 6 weeks after application.

APPLICATION EQUIPMENT

Apply Lesco 2.5 Benefin evenly over the turfgrass area without skips or misses. A more uniform application can be made by spreading half the required amount over the area and then applying the remaining half at right angles. Both drop type and rotary type spreaders may be used. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. For best results use equipment designed to apply granular herbicides and insecticides. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

PRECAUTIONS

Apply Lesco 2.5 Benefin to the turf prior to the germination of weed grasses. Since Lesco 2.5 Benefin will not control established weeds, Lesco 2.5 Benefin may thin or kill established annual bluegrass, *Poa* annual turfs and fine leaved fescues at rates above 60 pounds per acre (1.5 pounds active ingredient). Lesco 2.5 Benefin should not be applied in the spring to turfgrasses planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application of Lesco 2.5 Benefin may thin the overseeded grasses. Lesco 2.5 Benefin should not be used on dichondra. Lesco 2.5 Benefin should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

40 Lbs. Net Wt.

Manufactured by
LAKESHORE EQUIPMENT & SUPPLY CO.
300 South Abbe Rd., P. O. Box 4015
Elyria, Ohio 44036

EPA Reg. No. 10404-36
EPA Est. No. 10404-OH-2