

961-348

4/4/1988

1048

APR 14 1988

Mr. Henry E. Rohland
Lebanon Chemical Corporation
P.O. Box 180
Lebanon, PA 17042

Dear Mr. Rohland:

Subject: Revised Labels - Trifluralin Registration Standard
Greenview Preen
EPA Registration No. 961-280
Greenview Ever Preen
EPA Registration No. 961-283
Green Gold Garden Weed Preventer
EPA Registration No. 961-335
Lebanon Lawn Crabgrass Preventer With Fertilizer
EPA Registration No. 961-346
Lebanon Preemerge Crab Control - Team
EPA Registration No. 961-347
Lebanon Lawn Fertilizer With Team Crabgrass Control
EPA Registration No. 961-348 ✓
Lebanon Trifluralin G-5
EPA Registration No. 961-405
Your Submissions Dated March 23, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

As labels are printed, change the sentence "Do not contaminate water by cleaning of equipment or disposal of waste" under ENVIRONMENTAL HAZARDS to read "Do not contaminate water when disposing of equipment washwaters."

11144:I:Mountfort:MF-10:KENCO:4/1/88:4/8/88:rw:WB:VO:EK:Am:

2078

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For EPA Registration No. 961-335, change "INACTIVE INGREDIENTS" to read "INERT INGREDIENTS."

For EPA Registration No. 961-347, the submitted sensitization study (EPA Accession No. 265666) indicated that the product is a potential skin sensitizer. The skin sensitization reference should be reinstated.

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

3098

Net Wt. 30 Lbs.
(13.6 Kg.)

ACCEPTED
APR 4 1988
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. **961-348**

LEBANON
LAWN FERTILIZER WITH TEAM™
CRABGRASS CONTROL

GUARANTEED ANALYSIS

| | |
|--|-----|
| Total Nitrogen (N) | 19% |
| Available Phosphoric Acid (P ₂ O ₅) | 4% |
| Soluble Potash (K ₂ O) | 6% |

HERBICIDE INGREDIENT STATEMENT

ACTIVE INGREDIENTS:

| | |
|--|--------|
| *N-butyl-N-ethyl-a,a,a-trifluoro-2,6-dinitro-p-toluidine | 1.030% |
| Trifluralin (a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine) | 0.515% |

| | |
|--------------------------|----------------|
| INERT INGREDIENTS: | <u>98.455%</u> |
| | 100.000% |

EPA Reg. No. 961-348

*TEAM and Diagonal Color Bar are the registered trademarks for Elanco Products Company's combination of benefin and trifluralin.

KEEP OUT OF REACH OF CHILDREN

WARNING

May be harmful if swallowed. See back of bag for additional Precautionary Statements.

LEBANON CHEMICAL CORPORATION
LEBANON, PA. 17042

PD 48 265/cv.ft.

4098

LEBANON
LAWN FERTILIZER WITH TEAM™
CRABGRASS CONTROL

PRECAUTIONARY STATEMENTS

KEEP OUT OF REACH OF CHILDREN

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin or clothing. The granular formulation may cause skin sensitization reactions in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and impermeable gloves when handling this product. In case of contact, wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

Do not allow children or pets on lawn until 1/2" of water has been applied to lawn and the water has dried (or, if wet conditions persist, until 24 hours have passed).

FIRST AID

- If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.
- If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol.
- If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.
- If inhaled: If breathing difficulty occurs, move individual to fresh air and get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs or marshes). Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water by cleaning of equipment or disposal of waste.

STORAGE AND DISPOSAL

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

STORAGE: Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or 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: Do not reuse container. Discard container in trash.

DIRECTIONS FOR USE

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

LEBANON LAWN FERTILIZER WITH TEAM CRABGRASS CONTROL kills the seeds of annual bluegrass (*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail as they germinate, when applied as directed. At the same time, the premium quality fertilizer provides an excellent start for the growing season.

Use caution to confine product to intended application area, as the active ingredients may stain concrete, plastic or other materials.

Established bluegrass, ryegrass, fescue, zoysia, bermuda, St. Augustine, Bahiagrass and Centipedegrass turfs will not be damaged when this product is applied as directed.

WHEN TO APPLY

All of the 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.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application.

1. Spring germinating summer annual grasses—crabgrasses, foxtails and barnyardgrass—

Northern (cool season) turfgrasses—

For preemergence control, apply 3 pounds per 1,000 sq. ft. (2 pounds active ingredient per acre) in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass seed germination.

Southern (warm season) turfgrasses—

For preemergence control, apply 3 to 4.5 pounds per 1,000 sq. ft. (2 to 3 pounds active ingredient per acre) in the late winter or early spring 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 the annual weed grass species continues for extended periods of time, a second application 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 should, therefore, be timed accordingly.

Northern (cool season) turfgrasses—
 For preemergence control, apply 3 pounds per 1,000 sq. ft. (2 pounds active ingredient per acre) in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

Southern (warm season) turfgrasses—
 For preemergence control, apply 3 to 4.5 pounds per 1,000 sq. ft. (2 to 3 pounds active ingredient per acre) in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

NOTE: Northern and Southern turfgrasses. In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

- 3. Poa annua (annual bluegrass)—
 In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. The fertilizer component of this product will encourage the existing turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

Northern (cool season) turfgrasses—
 For preemergence control, apply 3 pounds per 1,000 sq. ft. (2 pounds active ingredient per acre) in late summer or early fall and again in late winter or spring one to two weeks prior to the expected germination of annual bluegrass.

Southern (warm season) turfgrasses—
 For preemergence control, apply 4.5 pounds per 1,000 sq. ft. (3 pounds active ingredient 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 6 pounds per 1,000 sq. ft. can be made 10 to 12 weeks after the initial treatment.

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 application. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results, the amount of seed used should be increased and equipment designed to place seed in contact with the soil should be employed. When using at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

HOW TO APPLY

For most effective annual weedgrass control, make application uniformly over your lawn area with no skips or misses; annual weedgrass will be uninhibited in untreated areas. Determine the correct amount of product for your lawn; 30 lbs. covers 10,000 sq. ft. (100 x 100 ft.); this is at the rate of 3 lbs. per 1,000 sq. ft. Do not over-apply or under-apply. Refer to the table below as a guide for setting your spreader. Settings may vary with lawn surface, individual spreaders and rate of walk. Check your spreader on a small area to be certain you are applying at the rate of 3 lbs. per 1,000 sq.ft.

| SUGGESTED SPREADER SETTINGS | | | | | |
|-----------------------------|------------|---------|-------------------|-------------------------|--------------------------|
| Spreader | Speed | | Width of Coverage | Settings | |
| | Ground MPH | PTO RPM | | 3 lbs. per 1,000 sq.ft. | 4½ lbs. per 1,000 sq.ft. |
| Jet Spred (R) | 3 | | 8 ft. | 4½ | 5 |
| Cyclone | 3 | | 8 ft. | 4½ | 5 |
| Ezee Flow (109) | 5 | 540 | 30 ft. | C2½ | C3 |
| Lely (HR) | 5 | | 39 ft. | 6½ II | 7 II |
| Lely (W) | 5 | 425 | 39 ft. | 6 II | 7 II |
| Lesco (Rotary) | | | | J | K |
| Scotts (Rotary) | 3 | | 6 ft. | H | L |
| Scotts (Rotary) R7X | 3 | | 10 ft. | H | J |

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and evenness of terrain may require slightly different settings for desired coverage, 5 oz. per 100 sq.ft.

Helpful Application Techniques for Applying

When using a drop type spreader, a splash board mounted under the hopper will help dispense granules more evenly.

A chain fastened to the side of your spreader will leave a marked or scuffed turf area to follow and help prevent missed areas.

Early morning applications when the wind is calm and dew is on the ground are ideal. Wheel tracks are easy to follow and granules can be spread uniformly.

Small area application is easy using a small rotary applicator. To insure proper coverage and avoid missed areas, early morning treatment when wheel tracks are evident in the dew and the wind is calm are ideal.

PRECAUTIONS

Apply LEBANON LAWN FERTILIZER WITH TEAM CRABGRASS CONTROL to the turf prior to the germination of weed grasses, since it will not control established weeds. Do not apply in the spring to turfgrasses planted the previous fall. In bermudagrass areas that have been overseeded with winter grasses, a spring application may thin the overseeded grasses. Do not apply to bentgrass, putting greens, or dichondra, nor to newly-sprigged areas of bermudagrass, St. Augustine, or Centipedegrass until these turfs are well established.

WARRANTY

Lebanon Chemical Corporation warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

LEBANON CHEMICAL CORPORATION
LEBANON, PA. 17042