

Reg # 8378-17

PM-25

185

APR 26 1988

Knox Fertilizer & Chemical Company  
c/o H.R. McLane, Inc.  
7210 SW. 57th Avenue, Suite 212A  
Miami, FL 33143

Gentlemen:

Subject: Revised Labeling - Trifluralin Standard  
Turf Food With Team Pre-emergence Crabgrass Control  
EPA Registration No. 8378-17  
25-3-3 Premium Lawn Food With Crabgrass Control  
EPA Registration No. 8378-18  
Shaw's Premium Lawn Food With Crabgrass Control  
EPA Registration No. 8378-19 ✓  
18-5-9 Turf Food With XL Crabgrass Control  
EPA Registration No. 8378-20  
Your Submissions Received April 18, 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:

1. Under WHEN AND HOW TO APPLY, delete the phrase "It is not necessary but . . ." regarding irrigation after application.

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2. For EPA Registration No. 8378-17, it would appear necessary to adjust the fertilizer analysis so that the nitrogen content totals 18 percent. We note that you are using the 18-5-9 grade under this registration.

Sincerely yours,

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

Enclosure

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Shaw's

PREMIUM LAWN FOOD WITH CRABGRASS CONTROL



EPA REG. NO. 8378-19  
This copy Dated APR 12 1981  
is in response to the Treflan Reregistration Standard and displays the appropriate changes required on pages 36, 37 & 38 of that document.

# PREMIUM LAWN FOOD WITH CRABGRASS CONTROL

## 25-3-3

### With TEAM® HERBICIDE

For Control of Crabgrass and Most Other Annual Weed Grasses on Home Lawns, Golf Courses, Parks and Other Ornamental & Recreational Turf.

FOR USE ON ESTABLISHED: Bluegrass (Perennial) - Ryegrass (Perennial) - Fescue - Bahiagrass - Bermudagrass - Centipedegrass - St. Augustinegrass - Zoysiagrass

### GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	25%
1 0% Ammoniacal Nitrogen	
19 0% Urea Nitrogen	
5 0% Sulfur Coated Urea Nitrogen	
Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	3%
Soluble Potash (K <sub>2</sub> O)	3%
Primary Plant Food derived from Sulfur Coated Urea, Urea Muriate of Potash, Diammonium Phosphate	
Potential Acidity 1036 lbs. Calcium Carbonate per ton	
<b>ACTIVE INGREDIENTS:</b>	
N-butyl-N-ethyl-alpha, alpha, alpha, trifluoro-2, 6-dinitro-p-toluidine	1.00%
Trifluralin; Alpha, alpha, alpha, trifluoro-2, 6-dinitro-N, N-dipropyl-p-toluidine	0.50%
<b>INERT INGREDIENTS:</b>	98.50%
<b>TOTAL</b>	<b>100.00%</b>

ACCEPTED FOR COMMERCIAL SALE  
EPA REG. NO. 8378-19

TEAM® is a Registered Trademark of the Elanco Products Company

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

**Statements of Practical Treatment**

**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.

**See Side/Back Panel For Additional Precautionary Statements**

EPA REG. NO. 8378-19  
EPA EST. NO. 8378-IN-1

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NET WEIGHT 15 POUNDS

Shaw's

PREMIUM LAWN FOOD WITH CRABGRASS CONTROL

NET WEIGHT  
15 LBS

4 9 5  
Covers 5,000 to 6,660 Sq. Ft.  
Northern Lawns  
Covers 3,330 to 5,000 Sq. Ft.  
Southern Lawns



### PRECAUTIONARY STATEMENTS

#### 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 or contact with skin or clothing. The granular formulation may cause skin sensitization reaction in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and chemical resistant gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use. 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).

#### 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 when disposing of equipment washwaters.

### DIRECTIONS FOR USE

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.

**STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children.

**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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**HOUSEHOLD:** Do not reuse empty bag. Wrap and put in trash.

### WHERE TO APPLY

When applied according to these directions this product can be used safely on the following turfgrass varieties: PERENNIAL BLUEGRASS VARIETIES, PERENNIAL RYEGRASS VARIETIES, BERMUDAGRASS, BAHIA GRASS, CENTIPEDEGRASS, FESCUE VARIETIES, ST. AUGUSTINE GRASS & ZOYSIAGRASS lawns and ornamental turf. Will not harm most nearby ornamental trees and shrubs.

### WEEDS CONTROLLED IN ESTABLISHED TURF

This product contains a combination of Benflin and Trifluralin pre-emergence Herbicides plus a 25-3-3 Lawn Food. It should be applied to established turf for the control of CRABGRASS (Smooth and Hairy), GOOSEGRASS (Silver Crab or Crowfoot), BARNYARDGRASS (Watergrass), FOXTAIL (Green and Yellow), and ANNUAL BLUEGRASS (Poa Annual) and provides a complete lawn fertilization.

### RATE OF FERTILIZER APPLICATION

15 POUNDS PER 6,660 SQ. FT. = 0.56 LBS. (N) NITROGEN/1,000 SQ. FT.  
15 POUNDS PER 5,000 SQ. FT. = 0.75 LBS. (N) NITROGEN/1,000 SQ. FT.  
15 POUNDS PER 3,300 SQ. FT. = 1.13 LBS. (N) NITROGEN/1,000 SQ. FT.

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KNOX FERTILIZER COMPANY, INC.  
KNOX, INDIANA 46534

WHEN, WHERE, AND HOW TO APPLY THIS PRODUCT  
 established turf grass lawns

Apply to turf prior to germination of weed seeds since established weeds will not be controlled

Apply only to healthy

### IMPORTANT PRECAUTIONS

- DO NOT:** 1 Apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual type) since thinning will occur
- DO NOT:** 2 Do not use on Dichondra, nor to newly sprigged areas of Bermuda Grass, St. Augustine Grass or Centipede Grass, until these turfs are well established, nor to Bentgrass or Putting Greens
- DO NOT:** 3 Apply in spring to Turfgrass planted the previous fall. This product may thin established Annual Bluegrass (Poa Annua) & Fine Leaved Fescue lawns when used at higher rates than 132 lbs. per acre (2.0 lb. A.I. per Acre). Do not overdo.

### RATES, FREQUENCY, AND TIMING OF APPLICATION:

Success for pre-emergence control of the annual grass weeds on this label requires proper timing of application. This product must be applied 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 grassy weeds listed on this label, weed control results may be erratic or poor.

**WATER THE LAWN AFTER APPLICATION:** It is not necessary but optimum weed control performance will be obtained if treated areas are irrigated with 1/4 to 1/2 inch water soon after application. Any cultural practices that disturb the soil such as verticutting, should be done prior to application of this product.

### "SPRING GERMINATING" SUMMER ANNUAL GRASSES:

#### CRABGRASS, FOXTAILS, BARNYARDGRASS:

15 POUNDS TO TREAT 6,660 SQ. FT. = 1.5# A.I./ACRE FOR 5,000 SQ. FT. = 2.0#/ACRE

**A. Northern Cool Season Grasses -** For pre-emergence control, apply 100 to 132 lbs. per acre (equal to 1.5 to 2.00 lbs. Active Ingredient per acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination.

15 POUNDS TO TREAT 5,000 SQ. FT. = 2.0# A.I./ACRE FOR 3,330 SQ. FT. = 3.0#/ACRE

**B. Southern Warm Season Turfgrass -** For pre-emergence control apply 132 to 200 lbs. per acre (equal to 2 to 3 lbs. Active Ingredient per acre), in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination.

### "LATE SPRING, EARLY SUMMER GERMINATING" ANNUAL GRASSES:

#### GOOSEGRASS (SILVER CRAB)

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than the crabgrass, foxtails and other summer annual grass species. Applications of this product should therefore, be timed accordingly.

15 POUNDS TO TREAT 5,000 SQ. FT. = 2.0# A.I./ACRE

**A. Northern Cool Season Turfgrasses -** For pre-emergence control, apply 132 lbs. per acre (equal to 2 lbs. Active Ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination period of goosegrass.

15 POUNDS TO TREAT 5,000 SQ. FT. = 2.0# A.I./ACRE FOR 3,330 SQ. FT. = 3.0#/ACRE

**B. Southern Warm Season Turfgrasses -** For pre-emergence control, apply 132 to 200 lbs. per acre (equal to 2 to 3 lbs. Active Ingredient per acre) of this product in the late spring or early summer one to two weeks prior to the expected germination of goosegrass.

### NORTHERN AND SOUTHERN TURFGRASSES

In most 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 this product at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

### 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 re-seeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

15 POUNDS TO TREAT 5,000 SQ. FT. = 2.0# A.I./ACRE

**A. Northern Cool Season Turfgrasses -** For pre-emergence control apply 132 lbs. per acre (equal to 2 lbs. Active Ingredient per acre) of this product per acre in late summer or early fall and again in late winter or spring one to two weeks prior to expected germination of annual bluegrass.

15 POUNDS TO TREAT 3,330 SQ. FT. = 3.0# A.I./ACRE

**B. Southern Warm Season Turfgrasses -** For pre-emergence control apply 200 lbs. per acre (equal to 3 lbs. Active Ingredient per acre) of this product per acre in the later summer or early fall one to two weeks prior to 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 at 200 lbs. per acre can be made 10 to 12 weeks after the initial treatment.

**RESEEDING TREATED AREAS:** 1 Delay reseeded—6 weeks when applying at the rate of 100 or 132 lbs. of product per acre (equal to 1.5 to 2.0 lbs. Active Ingredient per acre).

2 Delay reseeded—12 to 16 weeks when applying at the rate of 200 lbs. of product per acre (equal to 3.0 lbs. of Active Ingredient per acre).

**WHEN RESEEDING INCREASE THE RECOMMENDED AMOUNT OF SEED BY 25%.**

### SPREADER SETTINGS

The following spreader settings are for use with new equipment. Your spreader may need calibrating since proper application is based on the spreader's condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven application.

Spreader	15# BAG PER SQ. FT.	Northern Lawns		Southern Lawns	
		Crabgrass etc.	Poa Annua	Crabgrass etc.	Poa Annua
SCOTT #35	6 660	3	4 1/2	—	—
	5 000	4	5 1/2	4	5 1/2
	3 330	—	—	5 1/2	6
CYCLONE B 1	6 650	2	3	—	—
	5 000	3	4	3	4
	3 330	—	—	4	4 1/2

15 LBS. TO TREAT 6 660 SQ. FT. = 100 LBS. PER ACRE = 1.50 LBS. A.I./ACRE

15 LBS. TO TREAT 5 000 SQ. FT. = 132 LBS. PER ACRE = 2.00 LBS. A.I./ACRE

15 LBS. TO TREAT 3 330 SQ. FT. = 200 LBS. PER ACRE = 3.00 LBS. A.I./ACRE

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