

COMPILE B:83TEAM-2.LAB
EPA FILE SYM: 8378-

A Professional
Lawn Care Product

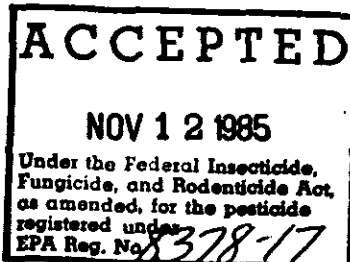


2 5 - 5 - 1 0 T U R F F O O D
W I T H

\ NEW E F F E C T I V E /
C R A B G R A S S C O N T R O L

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40 lb. Bag Covers
10,000 Sq.Ft.



The Perfect Herbicide Blend for Effective-Longlasting Crabgrass Control
Contains

BENEFIN - PLUS - TRIPLURALIN
CONTAINS 5% SULFUR COATED UREA "SLOW RELEASE NITROGEN"

For Use in an Annual Lawn Maintenance Program which calls for One
or more Fertilizer-Herbicide Pre-Emergence Applications for control of
Crabgrass and most other Annual Weed Grasses As Listed

FOR LAWN SERVICE PROGRAMS THAT INCLUDE
Home Lawns, Golf Courses, Industrial Parks, Apartment and Condominium
Complexes and All Other Ornamental & Recreational Turf Areas Which Contain
Established: Bluegrass - Ryegrass(Perennial) - Fescue - Bahiagrass -
Bermudagrass - Centipedegrass - St. Augustinegrass - Zoysiagrass.

ACTIVE INGREDIENTS:

N-butyl-N-ethyl-alpha,alpha,alpha, trifluoro-2,6-dinitro-p-toluidine	0.76%
TRIFLURALIN; Alpha, alpha, alpha, trifluoro- 2,6-dinitro-N,N-dipropyl-p-toluidine.	0.38%
INERT INGREDIENTS:	98.86%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

W A R N I N G

STATEMENTS OF PRACTICAL TREATMENTS

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 occur, move individual to fresh air and
get medical attention.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 8378- (RT)

EPA EST. NO. 8378-IN-1

NET WEIGHT 40 POUNDS (20 LB. BAG)

KNOX FERTILIZER AND CHEMICAL COMPANY
KNOX, INDIANA 46534

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KNOX FERTILIZER AND CHEMICAL CO. INC. PAGE 2 OF 4
25-5-10 TURF FOOD w/CRABGRASS CONTROL.

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 and 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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store in original container only. In case of leak or spill, contain material and dispose of waste.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or 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.

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 when used as directed.

WEEDS CONTROLLED

This product contains a combination of Benefin and Trifluralin pre-emergence Herbicides plus a 25-5-10 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 Annua) and provides a complete lawn fertilization.

RATE OF NITROGEN FERTILIZER APPLICATION

40 POUNDS PER 13,330 SQ.FT. = 0.75 LBS. (N) NITROGEN/1,000 SQ.FT.

40 POUNDS PER 10,000 SQ.FT. = 1.00 LBS. (N) NITROGEN/1,000 SQ.FT.

40 POUNDS PER 6,660 SQ.FT. = 1.50 LBS. (N) NITROGEN/1,000 SQ.FT.

WHEN TO APPLY

Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns.

IMPORTANT PRECAUTIONS.

DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur. DO NOT use on Dianthra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, until these turfs are well established, nor to Bentgrass or Putting Greens. DO NOT 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 176 lbs. per acre. (2.0 lb. A.I. per Acre) Do not overdose.

WHEN AND HOW TO TIME THE APPLICATION

Successful 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. (If chart is used with labeling) Add-[Refer to Application Chart for Timing]

"SPRING GERMINATING" SUMMER ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS:

A. Northern Cool Season Grasses - For pre-emergence control, apply 132 TO 176 lbs. per acre, (equal to 1.5 to 2.00 lbs. Act. Ingrid./acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. One 40 lb. bag will cover 10,000 to 13,330 Sq.Ft. Use for 10,000 Sq.Ft. where turf is completely overrun with weeds. Use for 13,330 Sq.Ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

B. Southern warm season turfgrass - For pre-emergence control apply 176 to 263 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. One 40 lb. bag will cover 6,660 to 10,000 Sq.Ft. Use for 6,660 Sq.Ft. where turf is completely overrun by weeds. Use for 10,000 Sq.Ft. when weeds are sparse or the turf is in a Yearly Crabgrass Control Program.

"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.

A. Northern cool season turfgrasses - For pre-emergence control apply 176 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. Use 40 lbs. to cover 10,000 Sq.Ft.

B. Southern warm season turfgrasses - For pre-emergence control, apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. Active Ingredient per acre) of this product in late spring or early summer one to two weeks, prior to the expected germination of goosegrass. Use one 40 lb. bag to cover 6,660 to 10,000 Sq.Ft. Use for 6,660 Sq.Ft. where turf is completely overrun by weeds. Use for 10,000 Sq. Ft. when weeds are sparse and the turf is in a Yearly Lawn Maintenance Program.

APPLY TWICE FOR FULL SEASON CONTROL IN NORTHERN AND SOUTHERN TURFGRASSES
In areas of the United States where pre-emergence control of both early germinating annual grasses (Crabgrass, Foxtail, and Barnyardgrass) and the later germinating Goosegrass is desired, two application 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.

40F5

POA ANNUA (ANNUAL BLUEGRASS) CONTROL

In areas of heavy infestation of Annual Bluegrass, its elimination will leave areas of thin turf. Employ proper cultural practices to establish a new turf.

A. Northern cool season turfgrasses - For pre-emergence control apply 176 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. One 40 lb. bag will treat 10,000 Sq.Ft. of turfgrass.

B. Southern warm season turfgrasses - For pre-emergence control apply 263 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 poa annua. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time a second application at 263 lbs. per acre can be made 10 to 12 weeks after the initial treatment. One 40 lb. bag will treat and feed 6,660 Sq.Ft. of turfgrass.

RESEEDING TREATED AREAS: 1. Delay reseeding - 6 weeks when applying at the rate of 132 or 176 lbs. of product per acre (equal to 1.5 to 2.0 lbs. Active Ingredient per acre. or when using 40 lbs. to cover 13,330 to 10,000 Sq.Ft.);
2. Delay reseeding - 12 to 16 weeks when applying at the rate of 263 lbs. of product per acre (equal to 3.0 lbs. of Active Ingredient per acre or when using 40 lbs. to cover 6,660 Sq.Ft. of turfgrass).

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

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 or improper application.

SPREADER SETTINGS

Spreader	40# BAG PER SQ.FT	Northern Lawns		Southern Lawns	
		Crabgrass etc	Poa Annua	Crabgrass etc	Poa Annua
SCOTT "35"	13,330 "	3	4 1/2	-	-
	10,000 "	4	5 1/2	4	5 1/2
	6,660 "	-	-	5 1/2	6
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CYLCONE "B1"	13,330 SQFT	2	3	-	-
	10,000 "	3	4	3	4
	6,660 "	-	-	4	4 1/2

40 LBS. TO TREAT 13,330 SQ.FT. = 132 LBS. PER ACRE = 1.50 LBS. A.I./ACRE
40 LBS. TO TREAT 10,000 SQ.FT. = 176 LBS. PER ACRE = 2.00 LBS. A.I./ACRE
40 LBS. TO TREAT 6,660 SQ.FT. = 263 LBS. PER ACRE = 3.00 LBS. A.I./ACRE

GUARANTEED FERTILIZER ANALYSIS

Nitrogen 25%	Primary Plant Food derived from
Ammoniacal (N)..... 1.8%	Urea, Sulfur Coated Urea, Muriate
Urea (N)..... 18.2%	of Potash, Ammoniated Phosphate.
Sulfur Coated Urea.(N).. 5.0%	
Phosphoric Acid (P2O5) 5%	Potential Acidity 1078 lbs.
Soluble Potash 10%	Calcium Carbonate per ton.

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.

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PRODUCT NAME: 25-5-10 TURF FOOD WITH CRABGRASS CONTROL.
SUBMITTED 7/10/85 WITH DRAFT LABELING

OPTIONAL LABELING.....

FOR OPTIMUM PRE-EMERGENCE WEED CONTROL APPLY AT THE APPROPRIATE TIME

----- APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE-----											
JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1.////////		2.////////									
3.////////											
4.////////				5.////////							
6.////////				*6.////////							
-1. For Crabgrass etc. Northern Turf.						4. For Crabgrass etc. Southern Turf.					
-2. For Goosegrass in Northern Turf.						5. For Goosegrass in Southern Turf.					
-3. For Poa Annua in Northern Turf.						6. For Poa Annua in Southern Turf.					

*Two application may be needed during this period to give maximum control.