

Crabgrass Preventer

with 2.5% Balan* Herbicide
(Dispersible Granules)



Professional Turf™
Products

FEATURES & USE TIPS:

- Balan* preemergent herbicide.
- Provides preemergent control of crabgrass and other annual grasses as listed.
- Dispersible granule feature (DG Pro) reduces particle visibility and assists in herbicide distribution.
- Consistently sized particles reduce segregation potential
- Small particle formulation more particles per square inch for better herbicide distribution.

PRODUCT SPECIFICATIONS:

Active Ingredient: 2.50% Benefin

PRODUCT CODE:

APTDG25B4.2

Date: 061907

Supersedes: 000000

PRODUCT CHARACTERISTICS:

Product Type:

Granular Balan*
Herbicide

Particle Size:

SGN: 150

Net Weight:

40 lbs.

Coverage:

21,700 sq. ft. @
medium rate

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*To order, contact your local
Andersons Golf Products
distributor.*

*For more information, contact
Andersons at our website:
www.andersonsgolfproducts.com
or call 1-800-225-2639.*

Following is a specimen label that may at some point be revised or otherwise become out of date. It is intended as a guide in providing general information regarding the use of this product. Always read and follow the label on the product container.

PRODUCT SHEET

The Andersons Professional Turf Products

Crabgrass Preventer

with 2.5% Balan Herbicide (Dispersible Granules)

Net Wt. 40 Lbs. (18.14 kg)
Covers up to 28,900 Sq. Ft.

ACTIVE INGREDIENT:

N-butyl-N-ethyl-alpha, alpha, alpha-trifluoro-2, 6-dinitro-p-toluidine	2.50%
INERT INGREDIENTS:	97.50%
Total	100.00%
EPA Reg. No. 9198-B3	
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A	
Underlined letter is first letter used in run code on bag.	

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals

Harmful if swallowed, inhaled or absorbed through the skin.
Avoid contact with skin, eyes or clothing. Avoid breathing dust.
Wash thoroughly after handling.

FIRST AID

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
If swallowed: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
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 contacts, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 contaminate any body of water by direct application, cleaning of equipment or disposal of waste.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. This product is a selective pre-emergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established: Bluegrass (perennial), Fescue, Bermudagrass, St. Augustinegrass, Ryegrass (perennial), Bahiagrass, Centipedegrass, Zoysiagrass.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **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 or local authorities, by burning. If burned, stay out of smoke.

Rates, Frequency and Timing of Application

Successful pre-emergence control of the annual grass weeds listed on this label requires proper timing of application. Apply 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, such as aeration or verticutting, should be done prior to application of this product.

1. Spring germinating summer annual grasses - crabgrass, foxtails, barnyardgrass:

A. Northern (cool season) turfgrasses

For pre-emergence control, apply 1.38 to 1.84 pounds per 1,000 sq. ft. or 60 to 80 pounds (1.5 to 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.

B. Southern (warm season) turfgrasses

For pre-emergence control, apply 1.84 to 2.75 pounds per 1,000 sq. ft. or 80 to 120 pounds (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 these annual weed grass species continues for extended periods of time, a second application of this product 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.

A. Northern (cool season) turfgrasses

For pre-emergence control, apply 1.84 pounds per 1,000 sq. ft. or 80 pounds (2 pounds active ingredient) per acre in the late spring or early summer one to two weeks prior to the expected germination of goosegrass. This product will not harm most nearby established ornamental trees and shrubs.

B. Southern (warm season) turfgrasses

For pre-emergence control, apply 1.84 to 2.75 pounds per 1,000 sq. ft. or 80 to 120 pounds (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.

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 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 reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in thin areas previously occupied by annual bluegrass.

A. Northern (cool season) turfgrasses

For pre-emergence control, apply 1.84 pounds per 1,000 sq. ft. or 80 pounds (2 pounds active ingredient) per acre in the late summer or early fall and again 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 2.75 pounds per 1,000 sq. ft. or 120 pounds (3 pounds active ingredient) per acre in 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 at 2.75 pounds per 1,000 sq. ft. or 120 pounds per acre 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 applying this product. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as a slit seeder) should be employed. When using this product at the

highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

APPLICATION EQUIPMENT

Apply this product 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

This product should be applied to the turf prior to the germination of weed grasses since it will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above 1.38 pounds per 1,000 sq. ft. or 60 pounds per acre. Do not apply in the spring to turfgrass planted the previous fall. In Bermudagrass areas that have been overseeded with winter grasses, a spring application of this product may thin the overseeded grasses. Because of varying cultural practices, this product should not be used on putting greens. Not for use on dichondra. Do not apply to newly sprigged areas of Bermudagrass, St. Augustinegrass or Centipedegrass until these turfs are well established.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or Buyer accepts the following Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION.

Manufactured by:

The Andersons Lawn Fertilizer Division, Inc.
P.O. Box 119, Maumee, Ohio 43537

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.

40 lbs. covers 28,900 sq. ft. at the 60 lbs. product/acre - LOW RATE (1.38 lbs/1,000 sq. ft.)
40 lbs. covers 21,700 sq. ft. at the 80 lbs. product/acre - MEDIUM RATE (1.84 lbs/1,000 sq. ft.)
40 lbs. covers 14,500 sq. ft. at the 120 lbs. product/acre - HIGH RATE (2.75 lbs/1,000 sq. ft.)

SPREADER SETTINGS						
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	LOW RATE 1.50 lbs. ai/A	MEDIUM RATE 2.00 lbs. ai/A	HIGH RATE 3.00 lbs. ai/A	
Andersons AccuPro 1000	3 mph	12 feet	H 3/4	I	J	
Andersons AccuPro/SF-2000 (cone 5)	3 mph	12 feet	H 3/4	I	J	
Scotts Rotaries R-8, R-8A (cone 5)	3 mph	12 feet	H	H 1/4	I	
Andersons SS-2 Drop	3 mph	overlap wheels	3 1/4	3 3/4	5	
Lesco 020093	3 mph	10 feet	C	C 1/2	D 1/2	
Lely Modelle WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern IV-A	4.5 mph	26 feet	3	3 1/4	3 3/4	
Vicon (03 Series)	4.5 mph	34 feet	15	18	21	