

UHS

Balan* 2.5G

Turf Herbicide

PROFESSIONAL TURF PRODUCTS

A selective preemergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:

Bahiagrass, Bermudagrass, Bluegrass (perennial), Centipedegrass, Fescue, Ryegrass (perennial), St. Augustinegrass, Zoysiagrass

ACTIVE INGREDIENT:Benefin: N-butyl-N-ethyl- α , α , α -trifluoro-2,6-dinitro-p-toluidine 2.5%**INERT INGREDIENTS** 97.5%**TOTAL** 100.0%

Contains 1 pound active ingredient per 40 pound bag

*BALAN and the BALAN logo are trademarks of Dow AgroSciences, LLC

EPA REG. NO. 62719-96-65783

EPA EST. NO. 961-PA^(L)-01:961-IL^(D)-01

Superscript used is first letter of lot number.

IHT

04/00

KEEP OUT OF REACH OF CHILDREN**CAUTION/PRECAUCION**

Precaucion al usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

See Below For Additional Precautionary Statements

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****KEEP OUT OF REACH OF CHILDREN****CAUTION**

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing dust and contact with skin or eyes. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt, and impermeable gloves when handling this product.

FIRST AID

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If inhaled: If discomfort occurs, remove individual to fresh air. Get medical attention if breathing difficulty occurs.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.

ENVIRONMENTAL HAZARDS

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 water when disposing of equipment washwaters.

Notice: Read the entire label. Use only according to label directions. **Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" elsewhere on this label.**

DIRECTIONS FOR USE

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

Read All Directions for Use Carefully Before Applying.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

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

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

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.

GENERAL INFORMATION

BALAN 2.5G TURF HERBICIDE is a preemergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. This product controls these annual

weeds by killing their seeds as they germinate. Apply this product before these annual weeds begin to germinate since it does not control established weeds.

When BALAN 2.5G TURF HERBICIDE is applied as directed, the following established turfgrasses are tolerant:

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

This product will not harm most nearby established ornamental trees and shrubs.

GENERAL USE PRECAUTIONS

Apply BALAN 2.5G TURF HERBICIDE to the turf prior to the germination of weed grasses since this product will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above 60 pounds per acre (1.5 pounds active ingredient). BALAN 2.5G TURF HERBICIDE should not be applied in the spring to turfgrass planted the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of this product may thin the over-seeded grasses. Because of varying cultural practices, BALAN 2.5G TURF HERBICIDE should not be used on putting greens. BALAN 2.5G TURF HERBICIDE should not be used on dichondra. This product should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

APPLICATION DIRECTIONS**Rates, Frequency and Timing of Application**

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply BALAN 2.5G TURF HERBICIDE 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 should 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 BALAN 2.5G TURF HERBICIDE.

1. Spring germinating summer annual grasses—crabgrasses, foxtails and barnyardgrass**A. Northern (cool season) turfgrasses**

For preemergence control, apply 60 to 80 pounds (1.5 to 2 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the spring 1 to 2 weeks prior to the onset of conditions favorable for annual weed grass seed germination.

B. Southern (warm season) turfgrasses

For preemergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the late winter or early spring 1 to 2 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 of BALAN 2.5G TURF HERBICIDE 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 this product should, therefore, be timed accordingly.

A. NORTHERN (cool season) turfgrasses

For preemergence control, apply 80 pounds (2 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

B. Southern (warm season) turfgrasses

For preemergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

3. 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 of BALAN 2.5G TURF HERBICIDE 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 reseedling will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

A. NORTHERN (cool season) turfgrasses

For preemergence control, apply 80 pounds (2 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the late summer or early fall and again in late winter or spring 1 to 2 weeks prior to the expected germination of annual bluegrass.

B. SOUTHERN (warm season) turfgrasses

For preemergence control, apply 120 pounds (3 pounds active ingredient) of BALAN 2.5G TURF HERBICIDE per acre in the late summer or early fall 1 to 2 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 this product 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 BALAN 2.5G TURF HERBICIDE.

BALAN 2.5G TURF HERBICIDE Per Acre	BALAN 2.5G TURF HERBICIDE Per 1000 sq. ft.
60 pounds	1 ½ pounds
80 pounds	2 pounds
120 pounds	3 pounds

RESEEDING

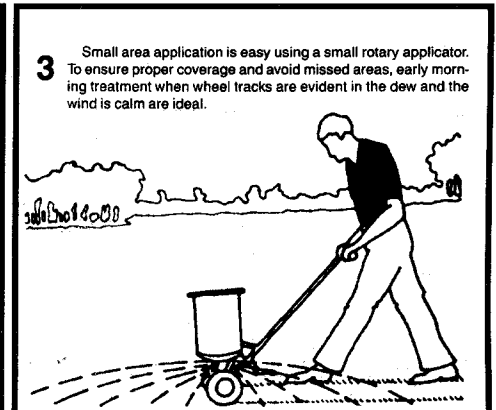
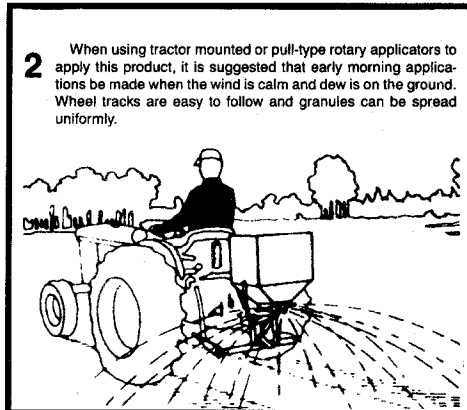
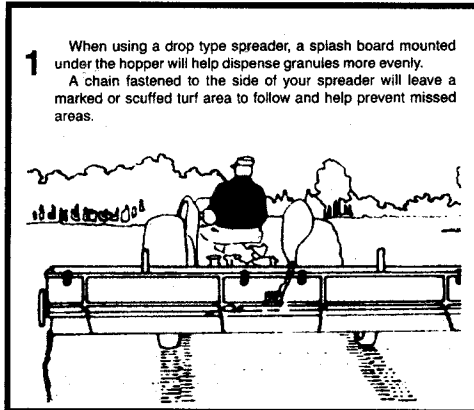
Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. When reseeding, it is essential that proper cultural practices such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding

results after using BALAN 2.5G TURF HERBICIDE, the amount of seed used should be increased and equipment designed to place seed in contact with the soil (such as the Rogers Aero 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 BALAN 2.5G TURF HERBICIDE evenly over the turfgrass area without skips or misses. A more uniform application can be made by spreading half of 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.

Helpful Application Techniques For Applying Balan 2.5G TURF HERBICIDE



Appropriate Spreader Settings As A Guide For Calibration (for applying BALAN 2.5G TURF HERBICIDE in one pass over the turf)

Note: These settings are provided as *suggested* starting points in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by United Horticultural Supply or the spreader manufacturer.

Spreader Type	Spreader Setting Necessary To Apply Pounds Formulated Product Per Acre		
	75 lbs./A	100 lbs./A	150 lbs./A
Gandy: Model 10A series, 6, 8, 10, 11, 12, 20 and 30 ft. (based on tractor speed of 5 mph) Model 10T series, 6, 8, 10, 11, 12, 20, and 30 ft. (based on tractor speed of 5 mph) Turf Tender, 24, 30, 42 inch (based on tractor speed of 3 mph) 600 Series, 2, 4, and 5 ft. (based on tractor speed of 3 mph)	24 22 23 15	27.5 23.5 25 17	33.5 27.5 27 20.5
Scott: Rotary Model R-8 Drop Spreaders	G 3 ¾	G ½ 3 ⅝	H 4 ¼
Lesco: Lesco Spreader (Note: set 3rd adjustable hole 1 notch from 'open')	D	D ½	E
Cyclone: Models B1, 33, 96, and BSSB at 200 ft/min. Model 100 at 200 ft/min. Model 93 (based on tractor speed of 4 mph) Model 99 (based on tractor speed of 4 mph) Model BPI (based on tractor speed of 4 mph)	2 ½ 2 ½ 4 ½ 4-4 ¼ 3 ¾	2 ½-2 ¾ 2 ¾ 5 ¼ 5 4 ½	3 3 ¼ 7 6 ½ 5 ¾-6
Spyker:			

Spreader Type	Spreader Setting Necessary To Apply Pounds Formulated Product Per Acre		
	75 lbs./A	100 lbs./A	150 lbs./A
Spyker	2.9	3.0	4
Lely: Model W and H (based on tractor speed of 4.5 mph)	2.5	3	4
Vicon: Model 402 (with seed ring) 20' swath width, 5 mph speed	18	20	26

In case of emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do Not Ship or Store with Food, Feeds, Drugs, or Clothing.

WARRANTY DISCLAIMER

Seller 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, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

Refund of purchase price paid by buyer or user for product bought, or

Replacement of amount of product used

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements of agreements. No employee

or sales agent of Seller is authorized to vary or exceed the terms of the Warranty
Disclaimer or this Limitation of Remedies in any manner.

FORMULATED FOR UNITED HORTICULTURAL SUPPLY