

PM25

62719-96

10/6

[Front of Bag]

(logo) DowElanco

Balan* 2.5G

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

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

Active Ingredient:

benfen: <i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine	2.5%
Inert Ingredients	97.5%
Total	100.0%

Contains 1 pound active ingredient per 40 pound bag.

Keep Out of Reach of Children

CAUTION

Refer to back panel of bag for precautionary information and Directions for Use including STORAGE AND DISPOSAL.

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

In case of an emergency endangering life or property involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-96

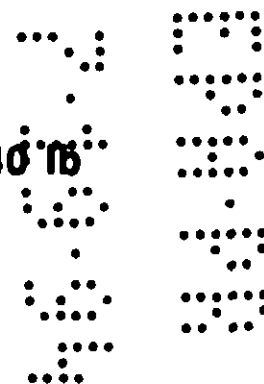
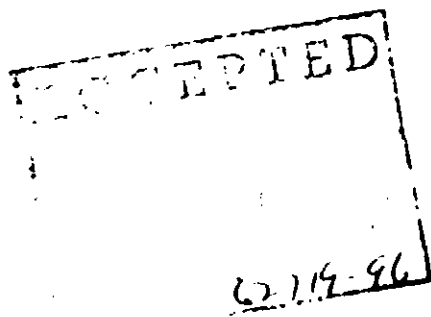
MO AHC AGF MM
 EPA Est. 2393-IL-3; 5905-IA-01; 32761-MO-3; 464-MI-1
 Superscripts correspond to first letters of lot number.

*Trademark of DowElanco

DowElanco • Indianapolis, IN 46268 U.S.A.

Specialty Herbicide

Net Weight 40 lb



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[Back of Bag]

Precautionary Statements

Hazards to Humans and Domestic Animals

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.

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.

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.

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.

Refer to label booklet in pocket of bag for additional precautionary information and Directions for Use.

[EDITOR NOTE: Insert here a fat, squat arrow pointing down]

Directions Enclosed [EDITOR NOTE: Turned at a 20° angle inside a box which has the top, right and bottom sides as bold dotted lines and the left side as a solid line]

[Literature Booklet -- Balan 2.5G]
[Front Cover]

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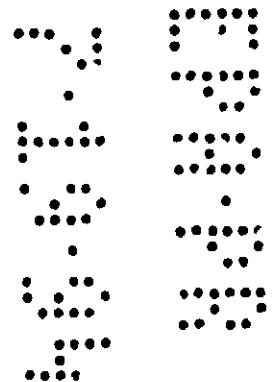
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EPA Reg. No. 62719-96

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Specialty Herbicide



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Precautionary Statements

Hazards to Humans and Domestic Animals

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General Information

Balan 2.5G 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. Balan 2.5G controls these annual weeds by killing their seeds as they germinate. Apply Balan 2.5G before these annual weeds begin to germinate since it does not control established weeds.

When Balan 2.5G is applied as directed, the following established turfgrasses are tolerant:

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

Balan 2.5G will not harm most nearby established ornamental trees and shrubs.

General Use Precautions

Apply Balan 2.5G to the turf prior to the germination of weed grasses since Balan 2.5G will not control established weeds. Balan 2.5G 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 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 Balan 2.5G may thin the over-seeded grasses. Because of varying cultural practices, Balan 2.5G should not be used on putting greens. Balan 2.5G should not be used on dichondra. Balan 2.5G should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

Application Directions

Rate, 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 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 aerification or verticutting, should be done prior to application of Balan 2.5G.

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 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 preemergence control, apply 80 to 120 pounds (2 to 3 pounds active ingredient) of Balan 2.5G 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 of Balan 2.5G at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

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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 Balan 2.5G should, therefore, be timed accordingly.

A. Northern (Cool Season) Turfgrasses

For preemergence control, apply 80 pounds (2 pounds active ingredient) of Balan 2.5G 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 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 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 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 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.

B. Southern (Warm Season) Turfgrasses

For preemergence control, apply 120 pounds (3 pounds active ingredient) Balan 2.5G 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 Balan 2.5G 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.

<u>Balan 2.5G/Acre</u>	<u>Balan 2.5G/1000 Sq Ft</u>
60 lb	1 1/2 lb
80 lb	2 lb
120 lb	3 lb

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 Balan 2.5G. 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, 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 Balan 2.5G at the highest recommended rate, reseeding should be delayed 12 to 16 weeks after application.

Application Equipment

Apply Balan 2.5G 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.

Helpful Application Techniques for Applying Balan 2.5G

[EDITOR NOTE: Insert pictures which accompany each of the following 3 sets of text.]

1. 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.
2. When using tractor mounted or pull-type rotary applicators to apply Balan 2.5G, it is suggested that early morning applications be made when the wind is calm and dew is on the ground. Wheel tracks are easy to follow and granules can be spread uniformly.
3. 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.

Appropriate Spreader Settings As A Guide For Calibration

(For applying Balan 2.5G 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 DowElanco or the spreader manufacturer.

Spreader Type	Spreader Setting Necessary to Apply Pounds Formulated Product Per Acre		
	75 lb/acre	100 lb/acre	150 lb/acre
Gandy: Model 10A series, 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	24	27.5	33.5
Model 10T series, 6, 8, 10, 11, 12, 20 and 30 ft (based on tractor speed of 5 mph)	22	23.5	27.5
Turf Tender, 24, 30, 42 inch (based on tractor speed of 3 mph)	23	25	27
600 Series, 2, 4 and 5 ft (based on tractor speed of 3 mph)	15	17	20.5
Scott: Rotary Model R-8	G	G 1/2	H
Drop Spreader	3 3/8	3 5/8	4 1/4
Lesco: Lesco Spreader (Note: set 3rd adjustable hole 1 notch from "open")	D	D 1/2	E

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Cyclone: Models B1, 33, 96, 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 1/2 2 1/2 4 1/2 4 - 4 1/4 3 3/4	2 1/2 - 2 3/4 2 3/4 5 1/4 5 4 1/2	3 3 1/4 7 6 1/2 5 3/4 - 6
Spyker: 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) swath width 20 ft, 5 mph speed	18	20	26

Warranty Disclaimer

DowElanco 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. DOWELANCO 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. Plant 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 temperature, 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 DowElanco or the 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 DowElanco's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco 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 or agreements. No employee or sales agent of DowElanco or the seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.