

The Andersons Professional Turf Products

Crabgrass Preventer with 2.5% Balan[®]

Herbicide (Dispersible Granules)

ACTIVE INGREDIENT:

N-butyl-N-ethyl-a, a, a-trifluoro-2, 6-dinitro-p-toluidine 2.5%

INERT INGREDIENT: 97.5%

Total: 100.0%

EPA Reg. No. 9198-83

EPA Est. No. 9198-OH-1M, 9198-AL-001A

Underlined letter is first letter used in run code on bag.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENT

Hazards To Human 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 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 eye. Call a poison control center or doctor for treatment.

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

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organism, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

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 purpose.

Do not aerially apply this product.

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, Zoysia-grass.

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 aerification or verticutting, should be done prior to application of this product.

1. Spring Germinating summer annual grasses - crabgrass, foxtails, barnyardgrass.

- A. Northern (cool season) turf grasses
For pre-emergence control, apply 1.38 to 1.84 pounds per 1000 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) turf grasses
For pre-emergence control, apply 1.84 to 2.75 pounds per 1000 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) turf grasses
For pre-emergence control, apply 1.84 pounds per 1000 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) turf grasses
For pre-emergence control, apply 1.84 to 2.75 pounds per 1000 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 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 turf grass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turf grasses and newly planted seeding turf grasses to fill in thin areas previously occupied by annual bluegrass.

- A. Northern (cool season) turf grasses
For pre-emergence control, apply 1.84 pounds per 1000 sq. ft. or 80 pounds (2 pounds active ingredient) per acre in 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) turf grasses
For pre-emergence control, apply 2.75 pounds per 1000 sq. ft. or 120 pounds (3 pounds peractive ingredient) 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 at 2.75 pounds per 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 turf grass 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 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.

WEED RESISTANCE MANAGEMENT

For resistance management, this product is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact The Andersons, Inc., at 1-800-757-8951.

Suggested Spreader Settings					
These suggested 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 15,500 sq. ft. at the 120 lbs. product/acre - HIGH RATE (2.75 lbs/1,000 sq. ft.)					
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE 1.50 lbs. ai/A	MEDIUM RATE 2.00 lbs. ai/A	HIGH RATE 3.00 lbs. ai/A
Andersons 2000 series (cone 4); Andersons LCO-1000	3 mph	9 feet	H 3/4	J	K
Scotts R-8, R-8A (cone 6)	3 mph	9 feet	H	H 1/2	J
Lesco 020093 (pattern 0.25)	3 mph	6 feet	C 1/2	D	D 1/2
Lesco 705698 (pattern 0.25)	3 mph	6 feet	9	10	11
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-C	4.5 mph	26 feet	3 1/2	4	4 1/2
Vicon (03 Series)	4.5 mph	22 feet	15	16	19

APPLICATION EQUIPMENT

Apply this product evenly over the turf grass 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 1000 sq. ft. or 60 pounds per acre. Do not apply in the spring to turf grass 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.

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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

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. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, 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 OT STATE/JURISDICTION.

Manufactured by:
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Net Wt. 40 Lbs. (18.14 kg)

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