

Fertilizer 8-4-24

with Barricade® Herbicide



FEATURES & USE TIPS:

- Combination fertilizer and Barricade® preemergent herbicide.
- Provides preemergent control of:

Annual Grassy Weeds:

Crabgrass	Annual Foxtail	<i>Poa annua</i>
Goosegrass	Other grassy weeds	

Broadleaf Weeds (before they germinate) including:

Common Chickweed	Knotweed	Common Purslane
Henbit	Prostrate Spurge	Other broadleaf weeds

- Consistently sized particles reduce segregation potential.
- Small particle formulation provides more particles per square inch for better distribution.
- High potassium content.

PRODUCT SPECIFICATIONS:

N (8%):	1.56% Ammoniacal Nitrogen 6.44% Urea Nitrogen
P - as P₂O₅ - (4%):	Ammonium Phosphate
K - as K₂O - (24%):	Potassium Chloride
Cl - (20.5%):	Chlorine Max
Active Ingredient:	Prodiamine (0.426%)

PRODUCT CODE:

AGC8BR45

Date: 011510
Supersedes: 101502
Label: C8

PRODUCT CHARACTERISTICS:

Product Type:

Combination fertilizer and Barricade® herbicide

Nitrogen Type:

Urea

Particle Size:

SGN: 150

Net Weight:

50 lbs.

Coverage:

9,200 sq. ft. @
Medium Rate

Andersons Golf Products is a registered trademark of The Andersons, Inc.; Barricade - trademark of Syngenta Crop Protection

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.



Fertilizer 8-4-24 with Barricade® Herbicide

For preemergence control of grass and broadleaf weeds in established lawns and turf grasses (excluding golf course putting greens).

GUARANTEED ANALYSIS

Total Nitrogen	8.00%
1.56% Ammoniacal Nitrogen	
6.44% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	4.00%
Soluble Potash (K ₂ O)	24.00%
Plant nutrients derived from ammonium phosphate, urea and potassium chloride.	
Chlorine (Cl) Max.	20.50%

F232

ACTIVE INGREDIENT:	0.426%
Proflumicetone	99.573%
OTHER INGREDIENTS:	100.000%
Total	

1 CAS No. 23091-27-2
 EPA Reg. No. 9198-140
 EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
 Undefined 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

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

- If in eyes** Hold eyes 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.
- 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 or clothing** 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8381 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS
 This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations substantially above the level of water solubility, it may be 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

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

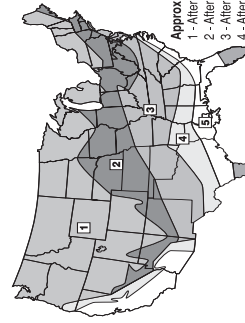
GENERAL INFORMATION
 Andersons Golf Products Fertilizer with 0.426% Barricade Herbicide is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in turfgrasses. This product controls susceptible weeds by inhibiting weed seed germination and root development. Most effective weed control will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

APPLICATION DIRECTIONS
 Apply uniformly through suitable, calibrated application equipment.

ESTABLISHED TURF
 This product is a preemergence herbicide that, when properly applied as directed, will control certain grass and broadleaf weeds in established turf grasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates Table** section of this label.

Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

CRABGRASS GERMINATION DATES



Approx. Date:

- 1 - After May 30
- 2 - After May 10
- 3 - After April 20
- 4 - After March 20
- 5 - Jan. 1 to March 20

Use Restrictions and Precautions

- The following precautions apply to the use of this product in turf grasses and lawns:
 - Application of this product may thin emerging annual bluegrass and newly overseeded grasses.
 - Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer.
 - Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not hatch plus soil.
 - Do not apply to newly set sod until the following year.
 - Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury.
 - Disturbing the herbicide barrier with cultural practices such as dishing may result in reduced weed control.
 - Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (Poa annua) are desirable species.
 - Do not graze feed livestock forage cut from areas treated with this product.
 - Do not apply this product through any type of irrigation system unless otherwise instructed by this label.
 - Do not apply aerially.
 - Do not apply to golf course putting greens.

Rates of Application

This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. All applications must be made prior to germination of the target weeds. This product will not control established weeds.

Maximum use rate selection should be based on turf species. The length of time of residual weed control provided by this product is related to the rate applied.

Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly rate as given in the following table:

Turf Species	lbs. a.i/A	lbs. product/1,000 sq. ft.
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	1.5	352
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	235
Creeching Red Fescue	0.75	174
Creeching Bentgrass	0.65	155

¹These are the maximum rates per calendar year by species limitations.
²May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 122 lb./acre or 28 lb./1,000 sq. ft. Newly sprigged or plugged Bermudagrass sod on rotting may be temporarily tolerated. Suppression only of Foxtail, Goosegrass and Ryegrass due to reduced product rate used in spring situations.

Do not apply more than 352 lbs. per acre (6.1 lbs./1,000 sq. ft.) of this product per calendar year.
 Use higher rates of this product to achieve higher levels of efficacy and weed control for each turf type, but do not exceed the maximum application rates specified in the Maximum Annual Rates Table.

WEEDS CONTROLLED

When used at the recommended rates this product will control the following weeds: Bluegrass Annual (Poa annua); Carpetweed; Chickweed; Annual Chickweed; Mouseear (from seed); Crabgrass (Large, Smooth); Cowgrass; Cynodon; Kochia; Lambsquarters; Common; Lovegrass; Oxalis; Panicum (Texas, Fall, Brown-top); Poyweed; Purslane; Common; Pusley; Florida; Fescuegrass; Shepherd's Pursue; Sorghumgrass; Broadleaf; Speedwell; Persian; Sprangletop; Spurge; Prostrate; Witchgrass; Woodstork; Yellow (from seed).

¹In many areas a single application of 3.6 to 6.1 lbs./1,000 sq. ft. (155 to 352 lbs./A) of this product will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, most effective weed control may be obtained by making an initial application of 3.6 to 5.4 lbs./1,000 sq. ft. (155 to 235 lbs./A) followed after 60 to 90 days by a second application at doses that would not exceed those given in the **Maximum Annual Rates Table**. Do not exceed the maximum rate for turf grass species listed in the **Maximum Annual Rates Table** above.

²Applications for this weed should be made in late summer, fall, or winter prior to germination. Do not exceed the maximum application rates specified in the Maximum Annual Rates Table.

³Suppression only.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum application rates specified in the Maximum Annual Rates Table. All applications must be made prior to germination of the weed species.

When to Apply After Overseeding Turf

Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to desirable seedlings is likely if this product is applied before seeding secondary roots are in the second inch of soil, not that plus soil.

When to Overseed After Application - All States¹

This product will inhibit the germination of turf species if overseeded too soon after application. Follow rates and intervals in the table below for best overseeding/reseeding results.

Fertilizer with 0.426% Barricade Herbicide Rate	Interval Before Overseeding		
	North	Transition	South
lbs./1,000 sq. ft.	lbs./A	a.i/A	
2.7	117	0.50	4 mo.
3.6	155	0.65	4 mo.
4.0	174	0.75	5 mo.
4.4	190	0.81	6 mo.
5.4	235	1.00	7 mo.
6.2	270	1.15	9 mo.
7.0	305	1.30	10 mo.
8.1	352	1.50	12 mo.

¹Note: In AZ, CA, NV and TX, the overseeding interval can be shorter in established bermudagrass that has been overseeded with perennial ryegrass. See the next section "Poa annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV and TX only)".

Poa annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV and TX only)
 Use on golf courses (excluding golf course putting greens) and lawns when overseeding with perennial ryegrass (minimum seed rate of 350 lbs./A).

How Much and When to Apply

Amount to Apply	When to Apply	Expected Control	Use Precautions
88 - 155	2.0 - 3.6	One application for 70% or greater control of <i>Poa annua</i>	1. Some seed mortality and temporary reduction in root growth of new seedlings may occur. 2. To reduce the potential for seeding mortality, maintain a moist seedbed with light, frequent irrigation. 3. Make more than 2 applications per year for this use. For two applications, use 4.5 lbs./1,000 for the second application and 4.5 lbs./1,000 for the first application. Do not make a second application if any injury to the ryegrass is observed after the first application. 4. Do not make a second application unless the product was first applied before overseeding.
155 - 352	3.6 - 8.1	Second application 4-8 weeks after first application should ensure control of the residual under normal weather conditions	5. Do not make a second application unless the product was first applied before overseeding.

Recommended Spreader Settings

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

50 lbs. treats 13,800 sq. ft. (0.32 acre) at the 155 lbs. product/acre - LIGHT RATE (3.6 lbs/1,000 sq. ft.)
 50 lbs. treats 12,500 sq. ft. (0.29 acre) at the 174 lbs. product/acre - LOW RATE (4.0 lbs/1,000 sq. ft.)
 50 lbs. treats 9,200 sq. ft. (0.21 acre) at the 235 lbs. product/acre - HIGH RATE (6.1 lbs/1,000 sq. ft.)
 50 lbs. treats 6,700 sq. ft. (0.14 acre) at the 352 lbs. product/acre - MEDIUM RATE (8.1 lbs/1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	LIGHT RATE	SPREADER SETTINGS		
				LOW RATE	MEDIUM RATE	HIGH RATE
Andersons AccuPro 2000, SR-2000 (one 4)	3 mph	11 feet	L 1/2	M	N	P
Andersons SS-2 Drop	3 mph	overlap wheels	4.34	5	6	7
Scotts 9-84 (one 4)	3 mph	11 feet	K	K 1/2	M	O 1/2
Lely Mobile WTR, WFR, HR, 1250 (PTO at 450 rpm)	4.5 mph	36 feet	5.34	6	7	8 1/4
Vicon 103 Series	4.5 mph	24 feet	25	27	30	40

STORAGE AND DISPOSAL
 Do not contaminate water, food, or feed by storage or disposal. Nonrefillable container. Do not reuse or refill this container. Offer for recycling where available. **STORAGE** - Store in original container away from fertilizer, feed, food stuffs and separated from other pesticides. **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 container into application equipment. Then dispose of empty bag or box in a sanitary landfill or at an incineration facility, or, if allowed by state and local authorities, by burning locally. If burned, stay out of smoke.

IMPORTANT! READ BEFORE USE
 Read the entire Directions for Use and the Warranty, Designer and Limitation of Liability before using this product. If items 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. USER ASSUMES ALL RISK OF LOSS. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER DISCLAIMS ALL LIABILITY FOR CONSEQUENTIAL DAMAGES OR REPAIRS 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 PRODUCT IS A TRADEMARK OF ANDERSONS GOLF PRODUCTS. YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE. JURISDICTION TO STATE JURISDICTION. (R#180030804)

Manufactured by:
 The Andersons Lawn Fertilizer Division, Inc.
 P. O. Box 119, Maumee, OH 43537

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SGN 150
 Net. Wt. 50 Lbs. (22.68 kg)



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C8 (AG-CBLKPBKN-1B)