

Fertilizer 21-0-20

with Barricade® Herbicide



FEATURES & USE TIPS:

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

Annual Grass Weeds:

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

Broadleaf Weeds (before they germinate) including:

Common Chickweed	Knotweed	Common Purslane
Henbit	Prostrate Spurge	Other broadleaf weeds as listed

- Consistently sized particles reduce segregation potential.
- Small particle formulation provides more particles per square inch for better herbicide distribution.
- Nitrogen content includes 50% Poly-S® for slow release nitrogen feeding.
- Contains DG Pro® for greater dispersibility.

PRODUCT SPECIFICATIONS:

N (21%):	A minimum of 50% of the total nitrogen is derived from polymer-encapsulated sulfur-coated urea; the remaining 50% from urea.
K - as K₂O - (20%):	Potassium chloride
Cl (Not more than 16.91%):	Potassium chloride
Active Ingredient:	Prodiamine (0.426%)

PRODUCT CODE:

AGC211BR5.1

Date: 110703
Supersedes: 101702

PRODUCT CHARACTERISTICS:

Product Type:

Combination fertilizer and Barricade® herbicide

Nitrogen Type:

Poly-S®

Particle Size:

SGN: 150

Net Weight:

50 lbs.

Coverage:

10,800 sq. ft. at the medium rate

Poly-S® is a registered trademark of The Scotts Co.; Andersons Golf Products® and DG Pro® are registered trademarks of The Andersons Agriservices, Inc.; Barricade® is a registered 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.

ACTIVE INGREDIENT:

Prodimamine: [N3, N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine] 0.426%

INERT INGREDIENTS: 99.574%
Total 100.000%

EPA Reg. No. 9198-140

EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A

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

Guaranteed Analysis:

Total Nitrogen (N) 21.00%

21.00% Urea Nitrogen*

Soluble Potash (K₂O) 20.00%

Sulfur (S) 4.26%

4.26% Free Sulfur (S)

Plant nutrients derived from polymer coated sulfur coated urea, urea and potassium chloride.

*10.50% Slowly available nitrogen from polymer coated sulfur coated urea.

Chlorine (Cl) Max. 16.91% **F292**

For selective pre-emergence control of grass and broadleaf weeds in established turfgrasses (excluding golf course putting greens) and lawns.

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

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 while handling the material may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, 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.

STATEMENTS OF PRACTICAL TREATMENT

IF IN EYES • Flush thoroughly with water for several minutes.

• Get medical attention if irritation persists.

IF ON SKIN • Wash with soap and water.

• Rinse thoroughly.

• Get medical attention if irritation persists.

IF INHALED • Remove victim to fresh air.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container away from other fertilizer, feed, or 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 container 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.

DIRECTIONS FOR USE

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

This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in turf grasses and landscapes. This product controls susceptible weeds by inhibiting weed seeds germination and root development. For most effective weed control this product must be incorporated by 1/2 inch of rainfall, irrigation or shallow mechanical incorporation. Incorporation should take place as soon as possible after application and should not be delayed past 14 days from the date of application.

Not for use on plants being grown (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

Do not graze or feed livestock forage cut from areas treated with this product. Do not apply this product through any type of irrigation system. Do not apply aerially. Do not apply to golf course putting greens.

APPLICATION DIRECTIONS

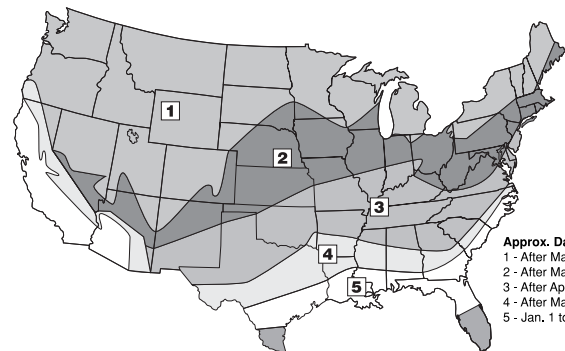
Apply uniformly through suitable, calibrated commercial application equipment.

ESTABLISHED TURF

This product is a selective preemergence herbicide that, when properly applied, will control certain grass and broadleaf weeds in established turfgrass and lawns. The species of turf grass determines the maximum amount of material that may be applied during a year.

Most effective weed control in turfgrasses will be obtained when this product is activated by at least 1/2 inch of rainfall or irrigation within 14 days after application and prior to weed germination. See map below for approximate crabgrass germination dates.

CRABGRASS SEED 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 PRECAUTIONS

The following use precautions apply to the use of this product in turfgrasses and lawns: Application of this product may thin emerged annual bluegrass and newly overseeded grasses. Do not apply to OVER-SEEDED TURF for 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 seedling secondary roots are in the second inch of soil, not thatch 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 disking 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.

Maximum Annual Rates

This product should not be applied above a maximum annual rate of 352 lbs./A or 8.0 lbs./1000 sq. ft.

Turf Species and Rates

For season long control this product may be applied as a single application, or if needed followed by a second application for increased length of control. The length of time of residual weed control provided by this product is related to the rate applied. Use the higher rate within the listed range for longer control. Longer control is desirable in areas where crabgrass germinates between January 1 and April 20 (see Crabgrass Seed Germination Data map).

Select maximum use rate based on turfgrass species. All applications must be made prior to germination of the target weed seeds. This product will not control established weeds.

- Do not apply more than 352 lbs. of this product per calendar year.
- Use higher rates of this product to achieve higher levels of fertility and weed control for each turf type.

WEEDS CONTROLLED

When used at the recommended rates (see Turf Species and Rates Table) this product will control: Crabgrass (large, smooth), Annual Bluegrass (*Poa annua*), Goosegrass,* Annual Foxtails, Broadleaf Signalgrass, Johnsongrass (from seed), Rescuegrass,** Carpetweed, Common Chickweed, Common Lambsquarter, Common Purslane, Henbit, Knotweed, Pigweed, Prostrate Spurge, Shepherdspurse,** Yellow Woodsorrel (from seed) and Barnyardgrass.

Do not exceed the maximum annual application rates recommended for the turf species. All applications must be made prior to germination of weed seeds. This product will not control established weeds.

*In many areas a single application of 155 to 352 lbs./A of this product will control Goosegrass. However, under heavy Goosegrass pressure and/or an extended growing season, make an initial application of 155 to 235 lbs./A followed after 60 to 90 days with a second treatment of 122 to 197 lbs./A for season long Goosegrass control. Do not exceed the maximum rate for turfgrass species listed in the Maximum Annual Rate Table above.

**Winter weeds are best controlled by applications made prior to germination: late summer, fall or winter timings.

***Suppression only.

Overseeding/Reseeding

This product will inhibit the germination of turf species if overseeded/reseeded too soon after application. The interval between application and overseeding/reseeding is dependent on the application rate, soil temperature, and soil moisture. A shorter interval is possible if growing conditions are warm and wet, while a longer interval is needed if conditions are cool and dry. Use the Overseeding/Reseeding Intervals Table below as a guide when choosing the appropriate overseeding/reseeding interval for each situation.

Turf Species	Lbs. This Product	Lbs./A/A
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, Tall Fescue (including turf-type), Zoysia	352	1.5
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	235	1.0
Creeping Red Fescue, St. Augustinegrass	174	0.75
Creeping Bentgrass	155	0.65

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 lbs./A or 2.8 lbs./1,000 sq. ft. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates used in sprigging situations.

This Product Rates (Lbs./A)	Broadcast Seeding		Drill Seeding	
	Wet & Warm	Cool & Dry	Wet & Warm	Cool & Dry
122	4	6	3	4
235	8	12	6	8
352	12	18	9	12

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.

Suggested Spreader Settings

These suggested settings are not intended to replace calibration.

Please calibrate your spreader before applying product.

- 50 lbs. feeds 14,200 sq. ft. (0.33 acre) with 0.73 lbs. N/1,000 sq. ft. at the LIGHT RATE
- 50 lbs. feeds 12,100 sq. ft. (0.28 acre) with 0.86 lbs. N/1,000 sq. ft. at the LOW RATE
- 50 lbs. feeds 10,800 sq. ft. (0.25 acre) with 0.96 lbs. N/1,000 sq. ft. at the MEDIUM RATE
- 50 lbs. feeds 9,400 sq. ft. (0.22 acre) with 1.11 lbs. N/1,000 sq. ft. at the HIGH RATE

SPREADER SETTINGS

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	LIGHT RATE	LOW RATE	MEDIUM RATE	HIGH RATE
			3.50 lbs./k sq. ft.	4.10 lbs./k sq. ft.	4.60 lbs./k sq. ft.	5.30 lbs./k sq. ft.
Andersons Rotaries: AccuPro/SR-2000 (Cone 8)	3 mph	11 feet	L	M	M 1/2	N 1/4
Andersons SS-2	3 mph	overlap wheels	4 1/2	5	5 1/4	5 3/4
Scotts Rotaries: R-8, R-8A (Cone 8)	3 mph	11 feet	J 1/2	K	K 3/4	L 1/2
Lely Models WTR, WFR, HR, 1250. (PTO at 450 rpm)	4.5 mph	38 feet	5 III-B	5 1/2 III-B	6 III-B	6 1/2 III-B
Vicon (03 Series-Standard Spout)	4.5 mph	30 feet	26	28	30	33

AGC211BR5.1

Product of USA

Manufactured by:

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Visit us on the web at: www.AndersonsGolfProducts.com