

# Turf Fertilizer 20-3-20 with Ronstar® Herbicide



## FEATURES & USE TIPS:

- Provides preemergent control or suppression of the following annual weeds: goosegrass, crabgrass, Carpetgrass, barnyard-grass, *Poa annua*, and foxtail.
- Provides preemergent control or suppression of broadleaf weeds such as Oxalis, Petty Spurge, Common Groundsel, and others as listed.
- Labeled for use on established Perennial Bluegrass, Bermudagrass, Perennial Ryegrass, Tall Fescue, Zoysiagrass and St. Augustinegrass turf.
- Premium sized particle for better coverage and more particles per square inch.
- 50% of the total nitrogen is derived from MUtech™ methylene ureas.

## PRODUCT SPECIFICATIONS:

**N - (20%):** 1.17% Ammoniacal Nitrogen  
10.33% Urea Nitrogen  
5.00% Other Water Soluble Nitrogen\*  
3.50% Water Insoluble Nitrogen  
\*5.00% Slowly available nitrogen from methylene ureas.

**P - as P<sub>2</sub>O<sub>5</sub> - (3%):** Ammonium Phosphate

**K - as K<sub>2</sub>O - (20%):** Potassium Sulfate

**S - (6.80%):** Combined Sulfur

**Active Ingredient:** Oxadiazon (1.38%)

*Following is a specimen label that may at some point be revised or otherwise become out of date. It is intended as a guide in providing general information regarding the use of this product. Always read and follow the label on the product container.*

## PRODUCT CODE:

**AGC20WR5**

Date: 100107

Supersedes: 071207

Label: I7

## PRODUCT CHARACTERISTICS:

### **Product Type:**

Combination fertilizer  
& Ronstar® Herbicide

### **Nitrogen Type:**

Methylene Ureas

### **Particle Size:**

SGN: 125

### **Net Weight:**

50 lbs.

### **Coverage:**

10,000 sq. ft. @  
High Rate

### **Bags / Pallet:**

45

Ronstar® is a registered trademark of Bayer CropScience; Andersons Golf Products is registered trademark of The Andersons, Inc.; MUtech is a trademark of The Andersons, Inc.

*To order, contact your local  
Andersons Golf Products  
distributor.*

*For more information, contact  
Andersons at our website:  
[www.andersonsgolfproducts.com](http://www.andersonsgolfproducts.com)  
or call 1-800-225-2639*



Turf Fertilizer

20-3-20

with **RONSTAR®** Herbicide

For Sale to, Use and Storage by Professional Turf Maintenance Personnel only.  
Not for sale to or use by homeowners/consumers.  
Not for Use On Home Lawns

- Contains Ronstar® herbicide, which provides preemergent control or suppression of crabgrass, *Poa annua*, goosegrass and foxtail during Bermudagrass sprigging.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS

**Hazards to Humans and Domestic Animals:** Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

- Loaders, applicators, and other handlers must wear:
  - Long-sleeved shirt and long pants, and
  - Stoves plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

- FIRST AID**
- 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 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 1-800-757-8881 for emergency medical treatment information.

**Environmental Hazards:** This pesticide is toxic to fish. Use with care when applying to areas adjacent to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

ACTIVE INGREDIENT

|                   |         |
|-------------------|---------|
| Oxadiazon         | 1.38%   |
| OTHER INGREDIENTS | 98.62%  |
| Total             | 100.00% |

TCAS Number 19666-30-9

EPA Reg. No. 9198-75

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

Undefined letter is first letter used in unit code on bag

GUARANTEED ANALYSIS

|                                                            |        |
|------------------------------------------------------------|--------|
| Total Nitrogen (N) .....                                   | 20.00% |
| 1.17% Ammoniacal Nitrogen                                  |        |
| 10.33% Urea Nitrogen                                       |        |
| 3.50% Water Insoluble Nitrogen                             |        |
| 5.00% Other Water Soluble Nitrogen*                        |        |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) ..... | 3.00%  |
| Soluble Potash (K <sub>2</sub> O) .....                    | 20.00% |
| Sulfur (S) .....                                           | 6.80%  |
| 6.80% Combined Sulfur (S)                                  |        |

Plant nutrients derived from ammonium phosphate, urea, potassium sulfate and methylene ureas.  
\*5.00% Slowly available nitrogen from methylene ureas.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouse and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, shoes plus socks, and chemical resistant gloves made of any waterproof material.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, sod farms or greenhouses.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated areas (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

TURF USES

For use on established or sprigged Bermudagrass, Zoysiagrass, Seashore paspalum\* (see precautions), Tropic-Lajo (paspalum heterophyllum), St. Augustinegrass, perennial Bluegrass, Perennial Ryegrass and Tall Fescue turf, such as lawns, parks, golf courses and sod farms. Use for preemergent control or suppression of sprouting.

|                     |                 |                 |                                       |
|---------------------|-----------------|-----------------|---------------------------------------|
| Wheat Grasses:      | Yellow foxtail  | Barnyardgrass   | Annual Bluegrass ( <i>Poa annua</i> ) |
| Goosegrass          | Green foxtail   | Crabgrass       | Field Sandbur*                        |
| Annual Sedge*       |                 |                 |                                       |
| Broadleaf Weeds:    | Patty Scurge    | Common Purslane | Veronica Speedwell                    |
| Florida Paspaley    | Stinging Nettle | Pigweed         | Common Groundsel                      |
| Virginia Buttonweed |                 |                 |                                       |

\*Not currently registered in California

How to Use

- Apply prior to or after sprigging (100 to 145 lbs. of product per acre (1.5 to 2.0 lbs. Alacre) for suppression or control of listed annual weeds in bermudagrass, zoysiagrass and St. Augustinegrass.
- Apply 145 to 218 lbs. of product per acre (2.0 to 3.0 lbs Alacre) for control of listed annual weeds during bermudagrass, zoysiagrass, seashore paspalum and tropic lajo (paspalum heterophyllum) establishment from sprigs.
- After application of this product on newly sprigged bermudagrass, zoysiagrass, and St. Augustinegrass, wait until the grass has filled in and the sods have rooted down before application of other herbicides or growth regulator products.
- On Seashore paspalum make application 10-14 days after sprigging.
- For established turf, apply at 145 to 218 lbs. of product per acre (2.0 to 3.0 lbs. Alacre).

When to Use

- Use this product to control or suppress the listed annual weeds when establishing new turf areas or when treating established turf that has been thinned from winter injury, insects, diseases or other factors.
- Bermudagrass - make application immediately prior to or immediately after sprigging.
- Zoysiagrass and St. Augustinegrass - make application prior to or after sprigging.
- Seashore paspalum - make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable Seashore Paspalum injury.
- Tropic Lajo - application must be made 0-12 days after sprigging. Do not use in areas where endangered Hawaiian Goose or nene (*Braha sandvicensis*), Hawaiian duck (*Anas wyvilliana*), Hawaiian Stilt (*Himantopus mexicanus knudseni*) and Hawaiian Monkhen (*Galinula chloropus sandvicensis*) may feed.

For best results, water-in the product as soon as practical after application.

\*Not currently registered in California

PRECAUTIONS

Do not allow domestic animals to graze treated areas. Avoid contamination of water intended for irrigation and domestic use. Avoid contact with flowers and shrubs.

Do not apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. This product should not be used on putting greens or tees because of the varied cultural practices used.

Do not apply to Bermgrass turf mowed less than 3/8 inch.

Do not apply to wet turf as discoloration may occur.

For St. Augustinegrass and Bermgrass turf, do not exceed the rate of 175 lbs. per acre (2.4 pounds alacre).

This product may cause temporary discoloration of Bermgrass, Bermudagrass and St. Augustinegrass. This is normally out-grown within 2-3 weeks.

On Seashore Paspalum wait 10-14 days after sprigging before application. An application made close to the time of sprigging may cause objectionable injury.

Do not apply to Dichondra or Centipedegrass.

Do not apply more than 218 lbs. of product per acre (3.0 lbs. Alacre) per single application.

Do not apply more than 435 lbs. of product per acre (6.0 lbs. Alacre) per year except in areas where there is heavy weed infestation. If areas of heavy weed infestation, do not apply more than 580 lbs. of product per acre (8.0 lbs. Alacre) per year.

Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Store in clean, dry place. Reseal opened bag by folding top down and securing. Keep container closed and away from food, feedstuffs, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide or misate 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:** 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. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This is a disclaimer of any and all other express or implied warranties of merchantability, consequential or incidental economic damages to related manufacturers, and of any release or reimbursement of product liability claims. 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 TO STATE/ JURISDICTION. (RVED071305)

| SUGGESTED SPREADER SETTINGS                                                                                                           |              |                   |                        |                         |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|------------------------|-------------------------|
| These suggested spreader settings are not intended to replace calibration.<br>Please calibrate your spreader before applying product. |              |                   |                        |                         |
| 50 lbs. treats 16,000 sq. ft. (0.38 acre) at the 131 lbs. product/acre - LOW RATE (3.0 lbs/1,000 sq. ft.)                             |              |                   |                        |                         |
| 50 lbs. treats 15,100 sq. ft. (0.35 acre) at the 145 lbs. product/acre - MEDIUM RATE (3.3 lbs/1,000 sq. ft.)                          |              |                   |                        |                         |
| 50 lbs. treats 10,000 sq. ft. (0.23 acre) at the 218 lbs. product/acre - HIGH RATE (5.0 lbs/1,000 sq. ft.)                            |              |                   |                        |                         |
| SPREADER                                                                                                                              | GROUND SPEED | WIDTH OF COVERAGE | LOW RATE 1.8 lbs. a/iA | HIGH RATE 3.0 lbs. a/iA |
| Andersons Accu-Pro 200, SP-2000 (cone 3)                                                                                              | 3 mph        | 12 feet           | J 1/4                  | J 3/4                   |
| Andersons Accu-Pro 1000                                                                                                               | 3 mph        | 12 feet           | J 1/4                  | J 3/4                   |
| Scotts R-8A (cone 7)                                                                                                                  | 3 mph        | 12 feet           | K 1/2                  | J                       |
| Andersons SS-2 Drop                                                                                                                   | 3 mph        | overlap wheels    | 3 3/4                  | 4 1/4                   |
| Lady Models WTR, WFR, HR, 1250 (P/O at 430 rpm)                                                                                       | 4.5 mph      | 40 feet           | 4                      | 4 1/2                   |
| Vicon OS Series                                                                                                                       | 4.5 mph      | 30 feet           | 19                     | 21                      |

**IMPORTANT:** These settings are only approximate. Age and condition of spreader can cause wide variation. Be sure to calibrate your spreader with each application.

**ATTENTION:** This product contains a chemical known to the State of California to cause cancer.

Manufactured by:  
The Andersons Lawn Fertilizer Division, Inc.  
PO Box 119, Maumee, OH 43537  
www.andersongolfproducts.com

Andersons Golf Products is a registered trademark of The Andersons, Inc.; Ronstar is a registered trademark of Bayer.

SGN 125  
Net Wt 50 Lbs (22.68 kg)

AGC20WR5  
17' (AGCBLK/PBRN.1B)