

9198-163

8/4/2010

114



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Ms. Debbie Ziehr  
The Andersons, Inc.  
PO Box 119  
Maumee, OH 43537

AUG -4 2010

Subject: Notification of Alternate Brand  
The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide 25-0-5  
EPA Reg. no. 9198-163

Dear Ms. Ziehr:/

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated July 13, 2010 for the product 9198-163. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The Confidential Statement of Formula (CSF) and/or label submitted with the application has (have) been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-1243.

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague".

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs





# NOTIFICATION

## AUG - 4 2010

### The Andersons Turf Products Fertilizer with 0.38% Barricade® Herbicide 25-0-5

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

#### GUARANTEED ANALYSIS

Total Nitrogen (N).....	25.00%
25.00% Urea Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	5.00%
Plant nutrients derived from urea and potassium chloride (2) Max	4.24%
	F252
ACTIVE INGREDIENT:	0.38%
Proflumicarb	98.62%
OTHER INGREDIENTS:	Total 100.00%
(CAS No. 29091-21-2)	

EPA Reg. No. 9196-163  
EPA Est. No. 9199-OH-UM, 9198-OH-2B, 9199-AL-001A  
Underlined later 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.

#### FIRST AID

<b>If in eyes</b>	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. Call a poison control center or doctor for treatment advice.
<b>If swallowed</b>	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.
<b>If on skin or clothing</b>	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.
<b>If inhaled</b>	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.

product container or label when calling a poison control center or doctor or going for treatment. You may also contact 1-800-525-8951 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. Dirt 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

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 purposes.

#### GENERAL INFORMATION

The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide 25-0-5 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 turfgrasses 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 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 30  
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 emerged annual bluegrass and newly overseeded grasses.
  - Do not apply to over seeded 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 seedling secondary roots are in the second inch of soil, not third 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 dethatching may result in reduced weed control.
  - Do not apply this product to putting greens or areas where dichondra, colonial bluegrass, velvet corygrass, or annual bluegrass (Poa annua) are desirable species.
  - 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 unless otherwise instructed by the 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:

#### Maximum Annual Rates Table

Maximum Application Rate of this product per Calendar Year by Turfgrass Species <sup>1</sup>			
Turf Species	lbs. ai/A	lbs. product /A	lbs. product / 1,000 sq. ft.
Bermudagrass <sup>2</sup> , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (excluding turf-type), Zoysia	1.5	395	9.1
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	263	6.6
Creeping Red Fescue	0.75	197	4.5
Creeping Bentgrass	0.65	171	3.9

<sup>1</sup>These are the maximum rates per calendar year by species limitations.  
<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 132 lb./acre or 3.0 lb./1,000 sq. ft. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily restricted. Suppression only of Foxtail, Goosegrass and Rasbungrass due to reduced product rates used in springing situations.

Do not apply more than 395 lbs. per acre (3.1 lbs./1,000 sq. ft.) 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, 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: Barnyardgrass, Bluegrass, Annual (Poa annua), Chickweed, Common; Chickweed, Mouseear (from seed), Crabgrass (Large, Smooth), Crowfootgrass, Cupgrass, Woody, Foxtail, Annual, Goosegrass<sup>1</sup>, Herb; Hairygrass; Johnsongrass (from seed), Junglantia, Knotweed, Kochia, Lambquarter, Common, Lovegrass, Oxalis, Ranunculus (Toxic, Fall, Browtop), Pigweed, Purslane, Common; Pusley, Florida, Rasbungrass<sup>2</sup>, Shepherd's Purse<sup>2</sup>, Signalgrass, Broadleaf, Speedwell, Persian, Spangloper, Spurge, Prostrate, Witchgrass, Woodsoorail, Yellow (from seed).

<sup>1</sup>In many areas a single application of 3.9 to 9.1 lbs./1,000 sq. ft. (1.71 to 3.95 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 3.9 to 6.6 lbs./1,000 sq. ft. (1.71 to 2.63 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.

<sup>2</sup>Applications 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.

<sup>3</sup>Suppression 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 seeds.

#### 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 seedling secondary roots are in the second inch of soil, not third plus soil.

#### When to Overseed After Application - All States<sup>1</sup>

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.

The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide 25-0-5 Rate			Interval Before Overseeding		
lbs./1,000 sq. ft.	lbs./A	inches	North	Transition	South
3.0	131.5 <sup>3</sup>	0.50	4 mo.	4 mo.	3 mo.
3.9	171 <sup>3</sup>	0.65	5 mo.	4 mo.	3 mo.
4.5	197 <sup>3</sup>	0.75	6 mo.	5 mo.	3 mo.
4.9	213 <sup>3</sup>	0.81	6 mo.	6 mo.	6 mo.
5.9	258	1.00	7 mo.	7 mo.	7 mo.
6.9	302	1.15	8 mo.	8 mo.	9 mo.
7.8	342	1.30	9 mo.	9 mo.	10 mo.
9.1	395	1.50	10 mo.	10 mo.	12 mo.

<sup>1</sup>Note: In AZ, CA, NV and TX the overseeding interval can be shorter in established Bermudagrass turf 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 where overseeding with perennial ryegrass (minimum seed rate of 350 lbs./A) is required.  
How Much an Acre of Poa

Amount to Apply	When to Apply	Expected Control	Use Precautions
Lbs./Acre	Lbs./1,000		
89-171	2.3-3.9	6 to 8 weeks before ryegrass overseeding	One application for 70% or greater control of Poa annua
		Second application 4-8 weeks after overseeding date or when perennial ryegrass roots are in the second inch of soil	Second application should enhance the residual under normal weather conditions
			1. Some seed mortality and temporary reduction in root growth of new seedlings may occur. 2. To reduce the potential for seedling mortality, maintain a moist seedbed with light, frequent irrigation. 3. Make no more than 2 applications per year for this use, and do not exceed 222 lbs./A (5.1 lbs./1,000) for these two applications for Poa annua control in ryegrass overseeded turf. 4. Do not make a second application if any injury to the ryegrass is observed after the first application. 5. Do not make a second application unless the product was first applied before overseeding.

#### Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader before applying product.  
50 lbs. treats 12,800 sq. ft. (0.29 acre) at the 171 lbs. product/acre - LIGHT RATE (3.9 lbs./1,000 sq. ft.)  
50 lbs. treats 11,100 sq. ft. (0.26 acre) at the 197 lbs. product/acre - LOW RATE (4.5 lbs./1,000 sq. ft.)  
50 lbs. treats 8,300 sq. ft. (0.19 acre) at the 263 lbs. product/acre - MEDIUM RATE (6.6 lbs./1,000 sq. ft.)  
50 lbs. treats 5,400 sq. ft. (0.12 acre) at the 395 lbs. product/acre - HIGH RATE (9.1 lbs./1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			
			LIGHT RATE 0.65 lbs. ai/A	LOW RATE 0.75 lbs. ai/A	MEDIUM RATE 1.00 lbs. ai/A	HIGH RATE 1.50 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (cone 4)	3 mph	11 feet	M 1/4	M 3/4	O 1/2	R 1/2
Scotts R-8A (cone 4)	3 mph	11 feet	K 3/4	L 1/4	N	Q 1/4
Lesco Q20093 (pattern 025)	3 mph	10 feet	G 3/4	H 1/4	J	M 1/4
Lesco TC5698 (pattern 025)	3 mph	10 feet	17 1/2	18 1/2	22	29 1/2
Lay Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern 11-A	4.5 mph	40 feet	5 3/4	6 1/4	7 1/4	9 1/4
Woon (Q3 Series)	4.5 mph	36 feet	29	31	37	51

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store in original container away from fertilizer, feed, or food skulls 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. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If not available, 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 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 TO STATE AND COUNTRY TO COUNTRY.

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

The Andersons logo is a registered trademark of The Andersons, Inc.  
Barricade - trademark of Syngenta Crop Protection

SGN 215  
Net. Wt. 50 Lbs. (22.68 kg)



**APT25BR52**  
E10 (APTBLKPRNB)

Handwritten initials: JTB