

9198-124

4/14/2011

1 of 4



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

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

Debbie Ziehr  
The Andersons Lawn Fertilizer Division, Inc.  
d/b/a Free Flow Fertilizer  
P.O. Box 119  
Maumee, OH 43537

APR 14 2011

Subject: Notification per PR Notice 98-10 (alternate brand name)  
The Andersons Barricade Herbicide II  
EPA Reg. No. 9198-124  
Application Dated February 1, 2011

Dear Ms. Ziehr:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The alternate brand name "**The Andersons Turf Products Fertilizer with 0.28% Barricade Herbicide 12-0-4**" has been added for this product. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Mindy Ondish at (703)605-0723 or at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov).

Sincerely,

Kathryn V. Montague  
Product Manager 23  
Herbicide Branch  
Registration Division (7505P)

2014



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 9198-124	2. EPA Product Manager Montague	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons Fertilizer with 0.28% Barricade Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) The Andersons Lawn Fert. Div., Inc. d/b/a Free Flow Fert. P.O. Box 119 Maumee, OH 43537 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in formulation and labeling to: EPA Reg. No. _____ <b>APR 14 2011</b> Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Notification of Alternate Brand Name per PR Notice 98-10: The Andersons Turf Products Fertilizer with 0.28% Barricade Herbicide 12-0-4  
 This notification is consistent with the guidance of PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 98-10 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 50 - 2,000 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Debbie Ziehr	Title Regulatory Administrator	Telephone No. (Include Area Code) 419-891-6671
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Debbie Ziehr</i>	3. Title Regulatory Administrator	
4. Typed Name Debbie Ziehr	5. Date 2/1/11	

3084



**The Andersons, Inc.**  
P.O. Box 119 • Maumee, Ohio 43537 • 419/893/5050

February 1, 2011

Document Processing Desk (NOTIF)  
Office of Pesticide Programs - (7504P)  
U. S. Environment Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

**Subject:** NOTIFICATION - Additional Brand Name  
**RE:** **The Andersons Fertilizer with 0.28% Barricade Herbicide  
EPA Reg. No. 9198-124**

Per PR Notice 98-10, enclosed is an EPA Form 8570-1, an application notifying the Agency that we wish to market additional products under the subject basic registration. The additional brand names are as follows:

**The Andersons Turf Products Fertilizer with 0.28% Barricade Herbicide 12-0-4**

One copy of the draft label is enclosed.

If there are any questions regarding this notification, please contact me.

Sincerely,

The Andersons Lawn Fertilizer Division, Inc.

Debbie Ziehr  
Regulatory Administrator  
Phone #419-891-6671  
Fax #419-891-2745  
Email: [Debbie\\_ziehr@andersonsinc.com](mailto:Debbie_ziehr@andersonsinc.com)

Enclosure

Handwritten notations consisting of small circles and lines, possibly a routing slip or tracking marks, located on the right side of the page.

APR 14 2011



**Turf Products**

**Fertilizer with 0.28% Barricade®  
Herbicide 12-0-4**

• Contains NutriSphere-N®

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

**GUARANTEED ANALYSIS**

Total Nitrogen (N)	12.00%
12.00% Urea Nitrogen*	
Soluble Potash (K <sub>2</sub> O)	4.00%
Plant nutrients derived from urea and potassium chloride.	
*6.00% nitrogen stabilized with maleic-itaconic co-polymer Chlorine (Cl) Max.	3.40%
	F292
<b>ACTIVE INGREDIENT:</b> Proflumicafur	0.28%
<b>OTHER INGREDIENTS:</b>	99.72%
Total	100.00%
†(CAS No. 2-091-21-2)	

EPA Reg. No. 9126-124  
EPA Est. No. 9126-OH-114, 9199-OH-22, 9138-AL-001A  
Underlined 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.

**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. 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 1-800-757-9551 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 in intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. 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 0.28% Barricade Herbicide 12-0-4 is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in turfgrasses. This product controls susceptible weeds by inhibiting weed seeds 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**

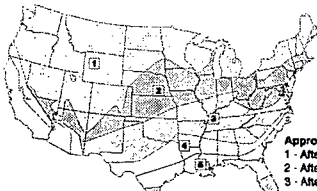
Apply uniformly through suitable, calibrated application equipment.

**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 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 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 seeding 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 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 or feed livestock forage out 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	Maximum Application Rate of this product per Calendar Year by Turf Grass Species <sup>1</sup>		
	lbs. ai/A	lbs. product /A	lbs. product / 1,000 sq. ft.
Bermudagrass <sup>2</sup> , Bahiagrass, Carpetgrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoaria	1.5	536	12.3
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	357	8.2
Creeping Red Fescue	0.75	264	6.1
Creeping Bentgrass	0.65	236	5.4

<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 196 lbs./acre or 4.2 lb./1,000 sq. ft. Newly sprigged or plugged Bermudagrass sod root rotting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product rates is indicated.

Do not apply more than 536 lbs. per acre (12.3 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*), Carpetweed, Chickweed, Common, Chickweed, Mouseear (from seed), Crabgrass (large, smooth), Crowfootgrass, Cupgrass, Woolly, Foxtail, Annual, Goosegrass<sup>1</sup>, Herbic. Ichgrass, Johnsongrass (from seed), Juniper, Knotweed, Knoty, Lambquarter, Common, Lowgrass, Oats, Pansletum (toxic, Fall, Brownroot), Pigweed, Purslane, Common, Pusley, Florida, Rescuegrass<sup>1</sup>, Shepherd's Purse<sup>2</sup>, Signalgrass, Broadleaf, Spawdwell, Parsian, Sprangletop, Spurge, Prostrate, Witchgrass, Woodruff, Yellow (from seed).

<sup>1</sup>In many areas a single application of 5.4 to 12.3 lbs./1,000 sq. ft. (236 to 536 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 5.4 to 8.2 lbs./1,000 sq. ft. (236 to 357 lbs./A) followed after 60 to 80 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.

**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 seeding secondary roots are in the second inch of soil, not thatch 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/germination results.

The Andersons Turf Products Fertilizer with 0.28% Barricade Herbicide 12-0-4 Rate			Interval Before Overseeding		
lbs./1,000 sq. ft.	lbs/A	ai/A	North	Transition	South
4.1	179	0.50	4 mo	4 mo	4 mo
5.4	226	0.65	5 mo	4 mo	4 mo
6.1	264	0.75	6 mo	5 mo	5 mo
6.6	283	0.81	--	6 mo	6 mo
8.2	357	1.00	--	7 mo	7 mo
9.4	411	1.15	--	--	9 mo
10.8	464	1.30	--	--	10 mo
12.3	536	1.50	--	--	12 mo

<sup>1</sup>Note: In AZ, CA, NV and TX the overlapping mark can be chosen in established Bermudagrass that has been overseeded with perennial ryegrass. See the label section "How Annual Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV and TX only)".

**How Annual 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 the annual ryegrass (minimum seed rate of 350 lbs./A).

Amount to Apply	When to Apply	Expected Control	Use Precautions
1.5 lbs./1,000 sq. ft.	Apply 4-8 weeks before overseeding.	One application for 70% or greater control of Poa annua.	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 302 lbs/A (9.9 lbs/1,000 sq. ft.) 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.
3.0 lbs./1,000 sq. ft.	Apply 4-8 weeks before overseeding date or when annual bluegrass seedlings are in the second inch of soil.	Second application should enhance the residual under normal weather conditions.	

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

SPRFADE	GROUND SPEED	WIDTH OF COVERAGE	LOW RATE 0.65 lbs. ai/A	MEDIUM RATE 0.75 lbs. ai/A	HIGH RATE 1.00 lbs. ai/A	HEAVY RATE 1.50 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (one 4)	3 mph	10 feet	N 1/2	O	P 1/2	R
Scotts R-8A (one 4)	3 mph	10 feet	M	M 1/2	O 1/2	Q 1/2
Lesco 020083 (pattern 025)	3 mph	9 feet	I	I 1/2	K 1/2	M 1/2
Lesco 705698 (pattern 025)	3 mph	9 feet	20	21	25	29
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-B	4.5 mph	34 feet	6	6 1/2	7 1/2	9 1/2
Vicon (03 Series)	4.5 mph	34 feet	28	30	37	51

**SPREADER SETTINGS**

SPRFADE	GROUND SPEED	WIDTH OF COVERAGE	LOW RATE 0.65 lbs. ai/A	MEDIUM RATE 0.75 lbs. ai/A	HIGH RATE 1.00 lbs. ai/A	HEAVY RATE 1.50 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (one 4)	3 mph	10 feet	N 1/2	O	P 1/2	R
Scotts R-8A (one 4)	3 mph	10 feet	M	M 1/2	O 1/2	Q 1/2
Lesco 020083 (pattern 025)	3 mph	9 feet	I	I 1/2	K 1/2	M 1/2
Lesco 705698 (pattern 025)	3 mph	9 feet	20	21	25	29
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-B	4.5 mph	34 feet	6	6 1/2	7 1/2	9 1/2
Vicon (03 Series)	4.5 mph	34 feet	28	30	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 stuffs and separated from other pesticides. **Pesticide Disposal:** Waste 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/ JURISDICTION TO STATE/JURISDICTION.

Manufactured by  
The Andersons Lawn Fertilizer Division, Inc.  
P.O. Box 118, Maumee, OH 43537  
www.andersonsurl.com

The Andersons logo is a registered trademark of The Andersons, Inc.; Barricade-Registered trademark of Syngenta Crop Protection, NutriSphere is a registered trademark of Specialty Fertilizer Products, LLC.

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



**APT12NBR5**  
A11 (APTLKPMRNB)

4044