

9198-163

4/11/2011

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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 11 2011

Subject: Notification per PR Notice 98-10 (alternate brand names)
The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide
EPA Reg. No. 9198-163
Application Dated December 29, 2010

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 names "**The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide 13-0-4**" and "**The Andersons Turf Products Fertilizer with 0.38% Prodiamine Herbicide 19-0-0**" have been added for this product. The labels submitted with the application have 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.

Sincerely,

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

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

Please read instructions on reverse before completing form.

Form Approved. GMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-163	2. EPA Product Manager Montague	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons Fertilizer with 0.38% 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 composition and labeling to: EPA Reg. No. _____ Product Name _____	

NOTIFICATION
APR 11 2011

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 0.38% Barricade Herbicide 13-0-4

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:				2. Type of Container	
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	If "Yes" Unit Packaging wgt. No. per 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" 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 <input type="checkbox"/> 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
Certification 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 	3. Title Regulatory Administrator	
4. Typed Name Debbie Ziehr	5. Date 12/29/10	

3/6

Please read instructions on reverse before completing form.

Form Approved.OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-163	2. EPA Product Manager Montague	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons Fertilizer with 0.38% 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 composition and labeling to: EPA Reg. No. _____ Product Name _____	

NOTIFICATION

APR 11 2011

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 0.38% Prodiamine Herbicide 19-0-0
 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:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
* Certification must be submitted				Other (Specify) _____	
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 <input type="checkbox"/> 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) 419-831-6671	
<p align="center">Certification</p> <p>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, both under applicable law.</p>					6. Date Application Received (Stamped)
2. Signature 			3. Title Regulatory Administrator		
4. Typed Name Debbie Ziehr			5. Date 12/29/10		

NOTIFICATION

APR 1 1 2011



Fertilizer with 0.38% Barricade® Herbicide 13-0-4

• Contains NutriSphere-N®

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

GUARANTEED ANALYSIS

Total Nitrogen (N)	13.00%
13.00% Urea Nitrogen	
Soluble Phosphorus (P ₂ O ₅)	4.00%
4.00% Soluble Phosphorus	
Chlorine (Cl) Max.	3.40%
3.40% Chlorine	
*65% nitrogen stabilized with maleic anhydride co-polymer.	F292

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-ap.com>

ACTIVE INGREDIENT:	0.38%
Proflumicarb	89.62%
OTHER INGREDIENTS:	100.00%
Total	

EPA Reg. No. 9198-12
EPA Est. No. 9198-CH-1M, 9198-CH-2E, 9198-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

Cause 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.
On skin	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 for treatment. You may also contact 1-800-757-6951 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

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 13-0-4 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

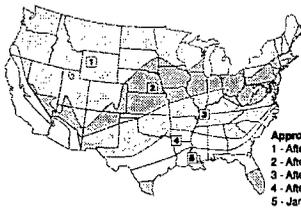
Apply uniformly through suitable, calibrated application equipment.

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 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 on 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 soil 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 lead 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 Turfgrass Species ¹		
	lbs. ai/A	lbs. product/A	lbs. product/1,000 sq. ft.
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	1.5	395	9.1
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	263	6.0
Creeping Red Fescue	0.75	197	4.5
Creeping Bentgrass	0.65	171	3.9

¹These are the maximum rates per calendar year by species limitations. May be used on newly sprigged or plugged Bermudagrass at rates not to exceed 192 lbs/A or 3.0 lb/1,000 sq. ft. Newly sprigged or plugged Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Fall, Goosegrass and Paspalum due to reduced product rates used in sprigging situations.

Do not apply more than 395 lbs. per acre (9.1 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), Carpetweed, Chickweed, Common, Chickweed, Mouseear (from seed), Crabgrass (Large, Smooth), Crowfootgrass, Cupgrass, Woolly, Fountain, Annual, Goosegrass¹, Hairgrass, Johnsongrass (from seed), Junglerice, Knotweed, Kochia, Lambquarter, Common, Lovegrass, Oxalis, Pinonum (Texas, Fall, Brownroot), Pigweed, Purslane, Common, Pursley, Florida, Fescuegrass², Shepherd's Purse³, Signalgrass, Broadleaf, Speweed, Persian, Spangletop, Spurge, Prostrate, Witchgrass, Woodsorrel, Yellow (from seed).

¹In many areas a single application of 3.9 to 9.1 lbs/1,000 sq. ft. (1.71 to 395 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 6.0 lbs/1,000 sq. ft. (1.71 to 263 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 as 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 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 germination results.

The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide 13-0-4 Rate	Interval Before Overseeding		
	lbs/1,000 sq. ft.	lbs/A	ai/A
3.0	131.5	0.50	North
3.9	171	0.65	Transition
4.5	197	0.75	South
4.9	213	0.81	North
5.9	258	1.00	Transition
6.9	302	1.15	South
7.8	342	1.30	North
9.1	395	1.50	Transition

¹Note: In AZ, CA, NV and TX, the interval between applications to be shorter in established bermudagrass that has been overseeded with perennial ryegrass. See the next section: Pesticide 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 courses putting greens) and lawns when overseeding with perennial ryegrass (maximum seed rate of 930 lbs/A)

Amount to Apply	How Much and When to Apply			
	lbs/Acre	lbs/1,000	When to Apply	Expect. Control
99-171	23-50	4 to 8 weeks before ryegrass sowing	One application for 70% or greater control of Poa annua	1. Slight temporary 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 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.
		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	Use Precautions

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 (6.0 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 1.5 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (cone 4)	3 mph	11 feet	L 3/4	M 1/4	O 1/4	R
Scots R-6A (cone 4)	3 mph	11 feet	K 3/4	L 1/4	N 1/4	Q 1/2
Lesco 02009 (pattern 0 25)	3 mph	10 feet	G 1/4	G 3/4	1 3/4	L 3/4
Lesco 705698 (pattern 0 25)	3 mph	10 feet	16 1/2	17 1/2	21 1/2	27 1/2
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-B	4.5 mph	30 feet	6	6 1/2	7 1/2	9 1/2
Vicon (Q3 Series)	4.5 mph	36 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:** 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 to application equipment. Nonrefillable container. Do not reuse or refill this container. Other for recycling, if available. If not available, then dispose of empty bag or box in a sanitary landfill or an incineration facility, or, if allowed by state and local authorities, by burning (only). 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 the extent 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 119, Maumee, OH 43537
www.andersonslawnproducts.com

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

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



0 31865 31762 0
APT13NBR50
L10 (APTLKPMBRNB)

5/6

NOTIFICATION

APR 11 2011



Fertilizer with 0.38% Proflaminate Herbicide 19-0-0

- Contains NutriSphere™

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

GUARANTEED ANALYSIS

Total Nitrogen (N) ... % Urea Nitrogen	19.00%
... nutrients derived from urea.	
* 75% nitrogen stabilized with maleic-isoonic co-polymer	F292
ACTIVE INGREDIENT: Proflaminate	0.38%
OTHER INGREDIENTS:	99.62%
Total	100.00%

EPA Reg. No. 9198-183
EPA Est. No. 9198-CH-1M, 9198-CH-2B, 9198-AL-001A

Underscored letter is first letter used in run code on bag

KEEP OUT OF REACH OF CHILDREN CAUTION 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.
On 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 1-800-757-6851 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

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% Proflaminate Herbicide 19-0-0 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

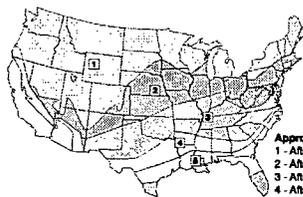
Apply uniformly through suitable, calibrated application equipment.

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. Dates:
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 then emerge 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 secondary roots are in the second inch of soil, not thatch plus sod.
- 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.
- Disrupts the herbicide barrier with cultural practices such as sodding 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:

Maximum Annual Rates Table

Turf Species	Maximum Application Rate of this product per Calendar Year by Turfgrass Species ¹		
	lbs. ai/A	lbs. product/A	lbs. product/1,000 sq. ft.
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including lute-type), Zoysia	1.5	395	9.1
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	253	6.0
Creeping Red Fescue	0.75	197	4.5
Creeping Bentgrass	0.65	171	3.9

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 132 lb./acre or 3.0 lb./1,000 sq. ft. Newly sprigged or plugged Bermudagrass sod rootting may be temporarily retarded. Suppression only of Foxtail, Goosegrass and Paspalgrass used in sprigging situations.

Do not apply more than 395 lbs per acre (9.1 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: 2-annual bluegrass; Annual (Poa annua), Cargreened, Chickweed, Common, Chickweed, Mockseed (from seed), Crabgrass (Large, Smooth), Crowfootgrass; Cyngrass, Woolly, Foxtails, Annual; Goosegrass¹; Henbit; Ichgrass; Johnsongrass (from seed); Jungferice, Knotweed, Knots; Lambsquarters, Common; Lowgrass; Oxalis; Panicum (Texas, Fall, Brown-top), Pigweed, Purslane, Common, Pusley, Florida, Rescuegrass²; Shepherd's Purse²; Signalgrass; Broadleaf; Speedwell; Persian; Spangletop; Spurge; Prostrate, Witchgrass; Woodsorrel; Yellow Ironweed.

¹In many areas a single application of 3.9 to 9.1 lbs/1,000 sq. ft. (171 to 395 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 3.0 to 6.0 lbs/1,000 sq. ft. (171 to 253 lbs/A) followed after 30 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 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 secondary roots are in the second inch of soil, not thatch plus sod.

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/seeding results.

The Andersons Turf Products Fertilizer with 0.38% Proflaminate Herbicide 19-0-0 Rate			Interval Before Overseeding		
lbs./1,000 sq. ft.	lbs/A	ai/A	North	Transition	South
3.0	131.5	0.50	4 mo.	4 mo.	4 mo.
3.9	171	0.85	5 mo.	4 mo.	4 mo.
4.5	197	0.75	6 mo.	5 mo.	5 mo.
4.9	213	0.81	-	6 mo.	6 mo.
5.9	258	1.00	-	7 mo.	7 mo.
6.9	302	1.15	-	-	8 mo.
7.9	342	1.30	-	-	10 mo.
9.1	395	1.50	-	-	12 mo.

* Note: In AZ, CA, NV and TX, the over-seeding 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).

Amount to Apply		How Much and When to Apply		
Lbs./Acre	Lbs./1,000	When to Apply	Expected Control	Use Precautions
99 - 171	2.3 - 2.4	1-2 1/2 weeks before ryegrass overseeding	Only application of 70% of the annual	1. Soil seed mortality and temporary reduction in root growth may occur. 2. To reduce the potential for seeding 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.
		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 irrigation conditions	

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 11,000 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 (6.0 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 1.5 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (cone 4)	3 mph	11 feet	L 3/4	M 1/4	O	R 1/4
Scotts R-8A (cone 4)	3 mph	11 feet	K 3/4	L 1/4	N	Q 1/4
Lesco 020093 (pattern 0 25)	3 mph	10 feet	E 1/2	F	G 1/2	J 1/2
Lesco 705898 (pattern 0 25)	3 mph	10 feet	13	14	17	23
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern II-A	4.5 mph	40 feet	5 3/4	6 1/4	7 1/4	9 1/4
Vicon (03 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 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. 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.

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The Andersons Lawn Fertilizer Division, Inc.
P.O. Box 119, Malme, OH 43037
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SGN 215
Net Wt. 50 Lbs. (22.68 kg)



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