

9198-163

4/30/2012

1/6



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Debbie Ziehr  
The Andersons lawn Fert. Div., Inc.  
P.O. Box 119  
Maumee, OH 43537

APR 30 2012

Subject: Notification per PR Notice 98-10  
The Andersons Turf Products Fertilizer with 0.38% Barricade Herbicide  
EPA Registration Number 9198-163  
Application dated February 8, 2012

Dear Ms. Ziehr,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 of 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 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

The alternate brand name "14-2-3 Fertilizer with 0.38% Barricade Herbicide" is acceptable and will be added to your file.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

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



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. 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. _____ <b>NOTIFICATION</b> Product Name _____ <b>APR 30 2012</b>	

**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: 14-2-3 Fertilizer with 0.38% Barricade Herbicide

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 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 2/8/12	



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

February 8, 2012

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 0.38% Barricade Herbicide  
EPA Reg. No. 9198-163**

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:

- 1.) **14-2-3 Fertilizer with 0.38% Barricade Herbicide**

One copy of each of the draft labels are 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

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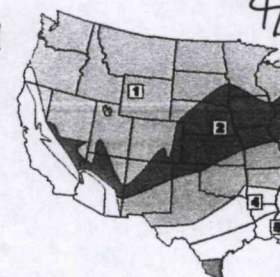
# 14-2-3 Fertilizer with 0.38% Barricade® Herbicide

• Contains NutriSphere-N®

NOTIFICATION

APR 30 2012

CRABGRASS G 4/6



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

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	14.00%
0.78% Ammoniacal Nitrogen	
13.22% Urea Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	2.00%
Soluble Potash (K <sub>2</sub> O) .....	3.00%

Plant nutrients derived from diammonium phosphate, urea and potassium chloride.

Chlorine (Cl) Max .....	2.54%
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\*2.80% nitrogen stabilized with maleic-itaconic 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:

Proflumicetone† .....	0.38%
OTHER INGREDIENTS: .....	99.62%
.....	100.00%

†(CAS No. 29091-21-2)

EPA Reg. No. 9198-163

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

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 1-800-757-8951 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. 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

14-2-3 Fertilizer with 0.38% Barricade Herbicide 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.

- Use Restricti**  
The following precautions apply to the use of this product in turf grass
- Application of this product may thin emerged annual bluegrass an
  - Do not apply to over seeded turf within 60 days after seeding or u
  - Injury to desirable seedlings is likely if this product is applied before
  - Do not apply to newly set sod until the following year.
  - Application of this product to turf stressed by drought, low fertility,
  - Disturbing the herbicide barrier with cultural practices such as disl
  - Do not apply this product to putting greens or areas where dichor
  - are desirable species.
  - Do not graze or feed livestock forage cut from areas treated with l
  - Do not apply this product through any type of irrigation system un
  - Do not apply aerially.
  - Do not apply to golf course putting greens.

**Rates**  
This product may be applied as a single application or in sequential .  
tions must be made prior to germination of the target weeds. This pr  
Maximum use rate selection should be based on turf species. The le  
the rate applied.

**Maximu**  
This product is recommended for use on the turf grass species listec  
the following table:

Maximum Application Rate of this pro	
Turf Species	Maximum
Bermudagrass <sup>2</sup> , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zi	
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	
Creeping Red Fescue	
Creeping Bentgrass	

<sup>1</sup>These are the maximum rates per calendar year by species limitat  
<sup>2</sup>May be used on newly sprigged or plugged Bermudagrass at rates  
Bermudagrass stolon rooting may be temporarily retarded. Suppre  
rates used in sprigging situations.

Do not apply more than 395 lbs. per acre (9.1 lbs./1,000 sq. ft.) of t  
Use higher rates of this product to achieve higher levels of fertility a  
application rates specified in the Maximum Annual Rates table.

**WEED**  
When used at the recommended rates this product will control: Bai  
Common; Chickweed; Mouseear (from seed); Crabgrass (Large, Sn  
Herbit; Itchgrass; Johnsongrass (from seed); Junglerice; Knotweed;  
Fall, Browntop); Pigweed; Purslane, Common; Pusley, Florida; Resc  
Sprangletop; Spurge; Prostrate; Witchgrass; Woodsorrel, Yellow (fro

<sup>1</sup>In many areas a single application of 3.9 to 9.1 lbs./1,000 sq. ft. (1  
heavy goosegrass pressure and/or an extended growing season, n  
3.9 to 6.0 lbs./1,000 sq. ft. (171 to 263 lbs./A) followed after 60 to 9  
the Maximum Annual Rates Table. Do not exceed the maximum i

<sup>2</sup>Applications for this weed should be made in late summer, fall, or  
specified in the Maximum Annual Rates table.

<sup>3</sup>Suppression only.

Sequential applications may be made so long as the total amount  
the Maximum Annual Rates table. All applications must be made p

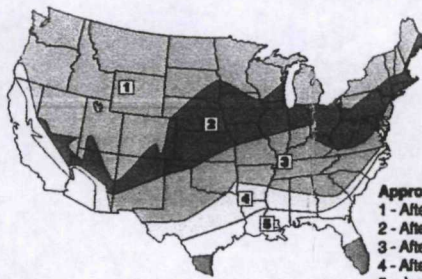
**When to App**  
Do not apply to overseeded turf within 60 days after seeding or un  
is likely if this product is applied before seeding secondary roots a

**When to Overseed**  
This product will inhibit the germination of turf species if overseed  
lost over seeding/reseeding results.

14-2-3 Fertilizer with 0.38% Barricade Herbicide Rate		
lbs./1,000 sq. ft.	lbs/A	ai/A
3.0	111.5	0.50
3.9	171	0.65
4.5	197	0.75
4.9	213	0.81
5.9	258	1.00
6.9	302	1.15
7.8	342	1.30
9.1	395	1.50

NOTIFICATION

APR 30 2012



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 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 disking may result in reduced weed control.
  - Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*) are desirable species.
  - 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 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

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 (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

<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 retarded. Suppression only of Foxtail, Goosegrass and Rescuegrass 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; Foxtails, Annual; Goosegrass<sup>1</sup>; Henbit; Ichngrass; Johnsongrass (from seed); Jungleweed; Kochia; Lambsquarter, Common; Lovegrass; Oxalis; Panicum (Texas, Fall, Browntop); Pigweed; Purslane, Common; Pusley, Florida; Rescuegrass<sup>2</sup>; Shepherd's Purse<sup>2</sup>; Signalgrass, Broadleaf; Speedwell, Persian; Sprangletop; Spurge, Prostrate; Witchgrass; Woodsorrel, Yellow (from seed).

<sup>1</sup>In 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 3.9 to 6.0 lbs./1,000 sq. ft. (171 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.

<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 seeding secondary roots are in the second inch of soil, not thatch plus soil.

When to Overseed After Application - All States<sup>3</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.

14-2-3 Fertilizer with 0.03% Barricade Herbicide Rate			Interval Before Overseeding		
lbs./1,000 sq. ft.	lbs/A	ai/A	North	Transition	South
3.0	121.5	0.50	4 mo.	4 mo.	4 mo.
3.9	171	0.65	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	--	--	9 mo.
7.8	342	1.30	--	--	10 mo.
9.1	395	1.50	--	--	12 mo.

\* NOTE: IN ALL STATES, THIS PRODUCT WILL CONTROL CRABGRASS (SEE THE NEXT SECTION "Poa annua") ONLY.

*Poa annua* Control in Establisher Use on golf courses (excluding golf lbs./A).

Amount to Apply		
Lbs./Acre	Lbs./1,000	
99 - 171	2.3 - 3.9	6 lb. rye

See 4-E section for inc.

50 lbs. treats  
 50 lbs. treats  
 50 lbs. treats  
 50 lbs. treat

SPREADER

- Andersons AccuPro 2000, SR-2000 (cone 4)
- Scotts R-8A (cone 4)
- Lesco 020093 (pattern 0.25)
- Lesco 705698 (pattern 0.25)
- Lely Models WTR, WFR, HR, 1 (PTO at 450 rpm) Pattern III
- Vicon (03 Series)

**STORAGE AND DISPOSAL**  
 Do not contaminate water, food and separated from other pest approved waste disposal facilities. Do not reuse or refill this container in an incineration facility; or, if allowed.

**IMPORTANT: READ BEFORE READING THE DIRECTIONS**  
 Read the entire Directions for use on the unopened product container.

**WARRANTY DISCLAIMER**  
 Manufacturer warrants that the label when used in strict accordance with the label directions is the sole basis for any liability for damage of product, at Buyer's choice OR OTHER DAMAGES ARISING FROM THE USE OF THIS PRODUCT.

**LEGAL RIGHTS:**  
 THIS LIMITED WARRANTY IS SUBJECT TO THE JURISDICTION OF THE STATE OF MISSOURI.

The Andersons logo is a registered trademark of Sp...

icide  
 is in established turfgrasses (excluding

FSIS

14.00%	
2.00%	
3.00%	
2.54%	
F292	
0.38%	
99.62%	
Total	100.00%

in the internet at <http://www.regulatory-info-ap.com>

OF CHILDREN  
 N  
 STATEMENTS  
 DOMESTIC ANIMALS  
 the skin. Avoid contact with skin, eyes, or clothing. Avoid or frequently repeated skin contact may cause allergic

5-20 minutes. Remove contacts, if present, after the first 5 or doctor for treatment advice.  
 Have person sip a glass of water if able to swallow. Do not or doctor. Do not give anything by mouth to an unconscious  
 plenty of water for 15-20 minutes. Call a poison control

1 or an ambulance, then give artificial respiration, preferably doctor for treatment advice.  
 or doctor or going for treatment. You may also contact

**HAZARDS**  
 toxic to fish. However, at concentrations substantially above or to areas where surface water is present or to intertidal be hazardous to aquatic organisms in adjacent sites. Do not

**USE**  
 labeling.  
 commercial seed production, or for research purposes.

**ATION**  
 provides residual control of many grass and broadleaf weeds germination and root  
 activated by at least 0.5 inch of rainfall or irrigation, or with 14 days following application.

**TIONS**  
 FRF  
 will control certain grass and broadleaf weeds in established and per year is given for each turf grass species in the Maximum

activated by at least 0.5 inch of rainfall or irrigation prior to weed or approximate crabgrass seed germination dates.

**APPLICATION 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

**Precautions:**  
 Do not apply to overseeded grasses.  
 Do not mow, whichever is longer.  
 Do not apply if secondary roots are in the second inch of soil, not thatch plus soil.

Damage may result in turf injury, reduced weed control, and bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*).

Always read and follow the instructions on this label.

Use this product to control weeds germinating throughout the year. All applications should be made to control established weeds.

The level of residual weed control provided by this product is related to the application rate.

Refer to the application rate table. Do not exceed the maximum yearly rate as given in the Maximum Annual Rates Table.

**Calendar Year by Turfgrass Species<sup>1</sup>**

lbs. ai/A	lbs. product/A	lbs. product/1,000 sq. ft.
1.5	395	9.1
1.0	263	6.0
0.75	197	4.5
0.65	171	3.9

Apply 132 lb./acre or 3.0 lb./1,000 sq. ft. Newly sprigged or plugged areas of Foxtail, Goosegrass and Rescuegrass due to reduced product availability.

Apply per calendar year. Do not exceed the maximum application rate for each turf type, but do not exceed the maximum application rate.

**CONTROLLED WEEDS:**  
 Annual Bluegrass, Annual (*Poa annua*); Carpetweed; Chickweed; Knotgrass; Cupgrass; Woolly; Foxtails, Annual; Goosegrass<sup>1</sup>; Groundsage; Common; Lovegrass; Oxalis; Panicum (Texas, Shephard's Purse<sup>2</sup>); Signalgrass, Broadleaf; Speedwell, Persian;

Application rates (lbs./A) of this product will control goosegrass. However, under conditions of severe weed control may be obtained by making an initial application of this product followed by a second application at doses that would not exceed those given in the Maximum Annual Rates Table above.

Apply to germination. Do not exceed the maximum application rates.

Application rate does not exceed the maximum application rates specified in the Maximum Annual Rates Table.

**Overseeding Turf:**  
 Do not mow, whichever is longer. Injury to desirable seedlings may result if secondary roots are in the second inch of soil, not thatch plus soil.

**Application - All States<sup>3</sup>**  
 Follow rates and intervals in the table below for application after overseeding.

Interval Before Overseeding		
North	Transition	South
4 mo.	4 mo.	4 mo.
5 mo.	4 mo.	4 mo.
6 mo.	5 mo.	5 mo.
--	6 mo.	6 mo.
--	7 mo.	7 mo.
--	--	9 mo.
--	--	10 mo.
--	--	12 mo.

\* Note: In AZ, CA, NV and TX, the overseeding 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).

**How Much and When to Apply**

Amount to Apply		When to Apply	Expected Control	Use Precautions
Lbs./Acre	Lbs./1,000			
99 - 171	2.3 - 3.9	6 to 8 weeks before ryegrass overseeding  Second application 4-8 weeks after overseeding date or when perennial ryegrass roots are in the second inch of soil	One application for 70% or greater control of <i>Poa annua</i>  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 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 <i>Poa annua</i> 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 (6.0 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	10 feet	L 3/4	M 1/4	O 1/4	R
Scotts R-8A (cone 4)	3 mph	10 feet	K 3/4	L 1/4	N 1/4	Q 1/2
Lesco 020093 (pattern 0.25)	3 mph	9 feet	F	F 1/2	G 1/2	I 1/2
Lesco 705698 (pattern 0.25)	3 mph	9 feet	14	15	17	21
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 (03 Series)	4.5 mph	28 feet	26	28	33	41

**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.

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

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



**ASP142NBR5**  
 B12 (APTBLKPMBRNB)