

9198-163

04/26/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

APR 26 2012

Debbie Ziehr
The Andersons Inc.
P.O. Box 119
Maumee, OH 43537

Subject: Notification per PR Notice 98-10 – Add Alternate Brand Name
THE ANDERSONS TURF PRODUCTS FERTILIZER WITH 0.38%
BARRICADE HERBICIDE
EPA Reg. No. 9198-163
Application Dated – April 3, 2012

Proposed Alternate Brand Name: 17-2-5 Fertilizer with 0.38% Barricade Herbicide

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 label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact Maggie Rudick at (703) 347-0257 or rudick.maggie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "K. Montague".

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

Handwritten initials in black ink, possibly "JM".



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. _____ 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.

NOTIFICATION

APR 26 2012

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Alternate Brand Name per PR Notice 98-10: 17-2-5 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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
* Certification must be submitted				<input type="checkbox"/> 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) 419-891-6671
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 4/3/2012	



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

April 3, 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.) 17-2-5 Fertilizer with 0.38% Barricade Herbicide

One copy of each of the draft labels are enclosed.

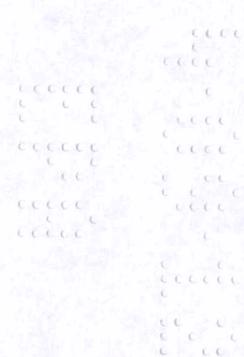
If there are any questions regarding this notification, please contact me.

Sincerely,

The Andersons Lawn Fertilizer Division, Inc.

Debbie Ziehr
Regulatory Administrator
Phone #419-891-6671
Fax #419-891-2745
Email: Debbie_ziehr@andersonsinc.com

Enclosure



17-2-5 Fertilizer with 0.38% Barricade® Herbicide

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

GUARANTEED ANALYSIS

Total Nitrogen (N)	17.00%
0.78% Ammoniacal Nitrogen	
16.22% Urea Nitrogen*	
Available Phosphate (P ₂ O ₅)	2.00%
Soluble Potash (K ₂ O)	5.00%
Plant nutrients derived from diammonium phosphate, urea, potassium chloride and polymer coated sulfur coated urea.	
Chlorine (Cl) Max	4.24%
*8.50% slowly available nitrogen from polymer coated sulfur coated urea.	
F292	
ACTIVE INGREDIENT:	
Prodiamine†	0.38%
OTHER INGREDIENTS:	99.62%
Total	
	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

17-2-5 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

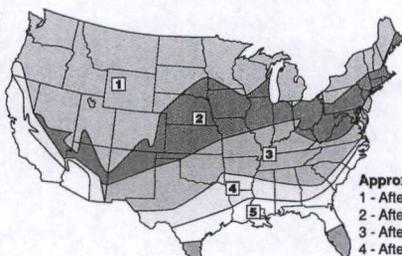
Apply uniformly through suitable, calibrated application equipment.

ESTABLISHED TURF

This product is a preemergence herbicide that, when properly applied as directed, will control certain grass and broadleaf weeds in established turfgrasses and lawns. The maximum amount of this product that may be applied per year is given for each turf grass species in the **Maximum Annual Rates** section of this label.

Most effective weed control in turf grasses will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation prior to weed seed germination and within 14 days following application. See the map below for approximate crabgrass seed germination dates.

CRABGRASS GERMINATION DATES



Approx. Date:
1 - After May 30
2 - After May 10
3 - After April 20
4 - After March 20
5 - Jan. 1 to March 20

Use Restrictions and Precautions

- Application of this product may thin emerged annual bluegrass and newly overseeded grass.
- Do not apply to over seeded turf within 60 days after seeding or until after the second mow.
- Injury to desirable seedlings is likely if this product is applied before seeding secondary roots.
- 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 damage.
- Disturbing the herbicide barrier with cultural practices such as diking may result in red top.
- Do not apply this product to putting greens or areas where dichondra, colonial bentgrass or 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.
- 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. This product will not control weeds that have already germinated. Maximum use rate selection should be based on turf species. The length of time of residue should be applied.

Maximum Annual Rates

This product is recommended for use on the turf grass species listed in the following table. The following table:

Maximum Annual Rates Table

Maximum Application Rate of this product per Calendar Year	
Turf Species	lbs. ai/A
Bermudagrass ² , Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including turf-type), Zoysia	1.5
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0
Creeping Red Fescue	0.75
Creeping Bentgrass	0.65

- 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/a. Bermudagrass stolon rooting may be temporarily retarded. Suppression only of Foxtail, Crabgrass, and other weeds 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 application rates specified in the Maximum Annual Rates table.

WEEDS CONTROLLED

When used at the recommended rates this product will control: Barnyardgrass; Bluegrass, Common; Chickweed, Mouseear (from seed); Crabgrass (Large, Smooth); Crowfootgrass; C. Henbit; Ichgrass; Johnsongrass (from seed); Junglerice; Knotweed; Kochia; Lambsquarters, Fall, Brown-top; Pigweed; Purslane, Common; Pusley, Florida; Rescuegrass³; Shepherd's F Sprangletop; Spurge, Prostrate; Witchgrass; Woodsorrel, Yellow (from seed).

¹In many areas a single application of 3.9 to 9.1 lbs./1,000 sq. ft. (171 to 395 lbs./A) of this heavy goosegrass pressure and/or an extended growing season, most effective weed control is 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 the **Maximum Annual Rates Table**. Do not exceed the maximum rate for turf grass species.

²Applications for this weed should be made in late summer, fall, or winter prior to germination 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 Annual Rates table. All applications must be made prior to germination of the weeds.

When to Apply After Overseeding Turf

Do not apply to overseeded turf within 60 days after seeding or until after the second mow is likely if this product is applied before seeding secondary roots are in the second inch of soil.

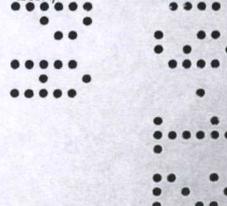
When to Overseed After Application - All Turf

This product will inhibit the germination of turf species if overseeded too soon after application. Best overseeding/reseeding results.

17-2-5 Fertilizer with 0.38% Barricade Herbicide Rate			
lbs/1,000 sq. ft.	lbs/A	ai/A	North
3.0	131.5	0.50	4 mo.
3.9	171	0.65	5 mo.
4.5	197	0.75	6 mo.
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	--

* Note: In AZ, CA, NV and HI, the overseeding interval can be shorter in established bermudagrass. See the next section "Poa annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass".

Poa annua Control in Established Bermudagrass Overseeded with Perennial Ryegrass
Use on golf courses (excluding golf course putting greens) and lawns when overseeding with Perennial Ryegrass (lbs./A).



APR 26 2012

ith bicide

turfgrasses (excluding golf

.....	17.00%
.....	2.00%
.....	5.00%
d sulfur coated urea.	4.24%
.....	F292
.....	0.38%
.....	99.62%
Total	100.00%

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C ANIMALS

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eated skin contact may cause allergic

remove contacts, if present, after the first 5
atment advice.

o a glass of water if able to swallow. Do not
give anything by mouth to an unconscious

r for 15-20 minutes. Call a poison control

ce, then give artificial respiration, preferably
ent advice.

ing for treatment. You may also contact

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e surface water is present or to intertidal
aquatic organisms in adjacent sites. Do not

roduction, or for research purposes.

ual control of many grass and broadleaf weeds
e root development. Most effective weed control
shallow (1 to 2 inches) incorporation, prior to

ertain grass and broadleaf weeds in established
ven for each turf grass species in the **Maximum**

east 0.5 inch of rainfall or irrigation prior to weed
crabgrass seed germination dates.

rox. Date:

fter May 30

fter May 10

fter April 20

fter March 20

an. 1 to March 20

Use Restrictions and Precautions

- The following precautions apply to the use of this product in turf grasses and lawns:
- Application of this product may thin emerged annual bluegrass and newly overseeded grasses.
 - Do not apply to over seeded turf within 60 days after seeding or until after the second mowing, whichever is longer.
 - Injury to desirable seedlings is likely if this product is applied before seedling secondary roots are in the second inch of soil, not 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 ¹			
Turf Species	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.
- 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 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; Goosegrass¹; Henbit; Itchgrass; Johnsongrass (from seed); Junglerice; Knotweed; Kochia; Lambsquarter, Common; Lovegrass; Oxalis; Panicum (Texas, Fall, Browntop); Pigweed; Purslane, Common; Pusley, Florida; Rescuegrass²; Shepherd's Purse²; Signalgrass, Broadleaf; Speedwell, Persian; Sprangletop; Spurge, Prostrate; Witchgrass; Woodsorrel, Yellow (from seed).

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 3.9 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**.

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

When to Overseed After Application - All States*

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.

17-2-5 Fertilizer with 0.38% Barricade Herbicide 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	0.65	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 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).

Amount to Apply		When to Apply
Lbs./Acre	Lbs./1,000	
99 - 171	2.3 - 3.9	6 to 8 weeks before ryegrass overseed
		Second application 4-8 weeks after seeding date or perennial ryegrass roots are in the inch of soil

These suggestions:

50 lbs. treats 12,800 sq. ft.
50 lbs. treats 11,100 sq. ft.
50 lbs. treats 8,300 sq. ft.
50 lbs. treats 5,400 sq. ft.

SPREADER

Andersons Model 2000 /Andersons AccuPro
Andersons 2000 SR / SR-2000 (cone 4)

Scotts R-8A (cone 4)

Lesco 020093 (pattern 0.25)

Lesco 705698 (pattern 0.25)

Lely Models WTR, WFR, HR, 1250
(PTO at 450 rpm) Pattern III-B

Vicon (03 Series)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by spill and separated from other pesticides. PESTIC approved waste disposal facility. CONTAINER not reuse or refill this container. Offer for recycling incineration facility; or, if allowed by state and

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the W return the unopened product container at one Liability:

WARRANTY DISCLAIMER AND LIMITATION

Manufacturer warrants that this product conforms to the label when used in strict accordance with MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL DAMAGES, OR OTHER DAMAGES ARISING OUT OF A

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC JURISDICTION TO STATE/JURISDICTION.

The Andersons logo is a registered trademark

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Use Restrictions and Precautions

Use in turf grasses and lawns:
 1. Do not apply to bluegrass and newly overseeded grasses.
 2. Do not seed or until after the second mowing, whichever is longer.
 3. Do not apply before seedling secondary roots are in the second inch of soil, not thatch plus soil.
 4. Do not apply on high fertility, or pest damage may result in turf injury.
 5. Do not apply as such as disking may result in reduced weed control.
 6. Do not apply where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*) is treated with this product.
 7. Do not use this system unless otherwise instructed by this label.

Rates of Application

Apply in sequential applications to control weeds germinating throughout the year. All applications should be made before established weeds.

The length of time of residual weed control provided by this product is related to species.

Maximum Annual Rates

Apply to species listed in the following table. Do not exceed the maximum yearly rate as given in the table.

Maximum Annual Rates Table

Rate of this product per Calendar Year by Turfgrass Species ¹			
	lbs. ai/A	lbs. product /A	lbs. product/ 1,000 sq. ft.
Core (Large Smooth) (Zoysia)	1.5	395	9.1
Perennial Ryegrass	1.0	263	6.0
Annual Ryegrass	0.75	197	4.5
Annual Bluegrass	0.65	171	3.9

Species limitations:
 1. Do not apply to bluegrass at rates not to exceed 132 lb/acre or 3.0 lb/1,000 sq. ft. Newly sprigged or plugged sods.
 2. Suppression only of Foxtail, Goosegrass and Rescuegrass due to reduced product.

Do not apply (0.75 lb/acre) of this product per calendar year.
 Do not apply (0.65 lb/acre) of this product per calendar year, but do not exceed the maximum rates table.

WEEDS CONTROLLED

Will control: Barnyardgrass; Bluegrass, Annual (*Poa annua*); Carpetweed; Chickweed, Knotweed; Kochia; Lambsquarter, Common; Lovegrass; Oxalis; Panicum (Texas, Florida); Rescuegrass²; Shepherd's Purse²; Signalgrass, Broadleaf; Speedwell, Persian; Yellow (from seed).

1,000 sq. ft. (171 to 395 lbs./A) of this product will control goosegrass. However, under normal conditions, most effective weed control may be obtained by making an initial application of this product after 60 to 90 days by a second application at doses that would not exceed those given in the Maximum Annual Rates Table above.

Apply in spring, fall, or winter prior to germination. Do not exceed the maximum application rates.

The total amount of product applied does not exceed the maximum application rates specified in the table above. Do not apply to established weeds.

When to Apply After Overseeding Turf

Apply to seed or until after the second mowing, whichever is longer. Injury to desirable seedlings and secondary roots are in the second inch of soil, not thatch plus soil.

When to Overseed After Application - All States²

Apply if overseeded too soon after application. Follow rates and intervals in the table below for the species listed.

Application Rate	Interval Before Overseeding		
	North	Transition	South
0.50	4 mo.	4 mo.	4 mo.
0.65	5 mo.	4 mo.	4 mo.
0.75	6 mo.	5 mo.	5 mo.
0.81	--	6 mo.	6 mo.
1.00	--	7 mo.	7 mo.
1.15	--	--	9 mo.
1.30	--	--	10 mo.
1.50	--	--	12 mo.

Interval can be shorter in established bermudagrass that has been overseeded with perennial ryegrass. Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NV and TX)

Overseeded with Perennial Ryegrass (AZ, CA, NV and TX only)

Apply to 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 seedling mortality, maintain a moist seedbed with light, frequent irrigation. 3. Make no more than 2 applications per year for this use, and do not exceed 222 lbs./A (5.1 lbs./1,000) for these two applications for <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 Model 2000 / Andersons AccuPro 2000 (cone 4) Andersons 2000 SR / 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)



ASP178BR5

C12 (APTBLKPMBRN)