

9198-214

2/24/2009

10/14



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Clair Engelbert  
Product Development Technician  
The Andersons Lawn Fertilizer Division, Inc.  
d/b/a Free Flow Fertilizer  
P.O. Box 119  
Maumee, OH 43537

FEB 24 2009

SUBJECT: Applications for Pesticide Notification – Optional Marketing Statements, Revised  
Warranty, and Other Labeling Changes per PRNs 98-10 and 2007-4  
The Andersons® 0.48% Granular Barricade Herbicide  
EPA-Reg. No. 9198-214  
Applications Dated September 15, 2008

Dear Mr. Engelbert:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notices (PRNs) 98-10 and 2007-4 for the above product. The Registration Division (RD) has conducted a review of these requests for their applicability under PRNs 98-10 and 2007-4 and finds that the actions requested fall within the scope of these PRNs. The label submitted with the applications have been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



**Yellow - Applicant Copy**



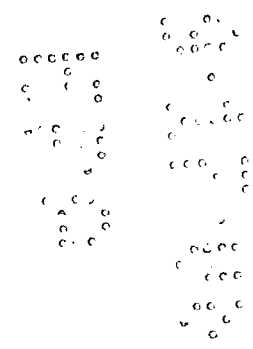
The Andersons, Inc.

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

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September 15, 2008

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



RE: Notification of Minor Label Changes

SUBJECT: The Andersons 0.48% Granular Barricade Herbicide  
EPA Reg No. 9198-214

Per PR Notice 98-10 enclosed is EPA Form 8570-1, an application notifying the Agency of a revision to the labeling for the subject registration. One copy of the revised labeling is enclosed.

We are proposing to revise optional marketing information on front panel underlined and printed in blue.

We are proposing to revise the warranty statement per Agency's Guidance on Warranty Statements, dated October 10, 2006.

Previous Warranty:

**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. Where permissible, 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. 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.

Revised Warranty:

**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.

Also, per PR Notice 2007-4 enclosed is EPA Form 8570-1, an application notifying the Agency of a revision to the labeling for the subject registration. A copy of the revised labeling is enclosed with additions underlined and marked in blue.

As consistent with the guidance in PR Notice 2007-1, "Labeling Revisions Required by the Final Rule 'Pesticide Management and Disposal; Standards for Pesticide Containers and Containment'", we have added the following statements to our Storage and Disposal sections: "Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available."

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

Sincerely,

The Andersons Lawn Fertilizer Division, Inc.

*Clair Engelbert*

Clair Engelbert

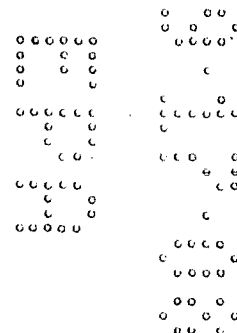
Product Development Technician

Phone: 419-891-2780

Fax: 419-891-2745

Email: [clair\\_engelbert@andersonsinc.com](mailto:clair_engelbert@andersonsinc.com)

Enclosures



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(Front Panel)

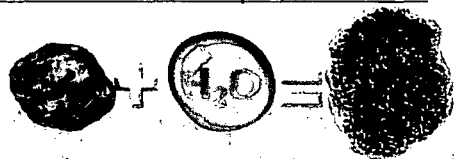
# The Andersons 0.48% Granular Barricade® Herbicide

with 0.48% Barricade Herbicide (Dispersible gran)

*Optional marketing information:*

Pre-emergent Weed Control

For Lawns & Landscape Ornamentals



Dispersing Granule Technology

Active Ingredient:

Prodiamine\* ..... 0.48 %

Other Ingredients: ..... 99.52%

Total 100.00%

\*(CAS No. 29091-21-2)

**NOTIFICATION**

FEB 24 2009

Barricade – trademark of Syngenta Crop Protection

For preemergence control of grass and broadleaf weeds in:

- established turf grasses (excluding golf course putting greens), lawns and sod nurseries
- landscape ornamentals
- established perennial & wildflower plantings
- non-crop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways & equipment yards)
- facilities including substations, tankfarms, pumping stations, parking & storage areas, ungrazed fencerows

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

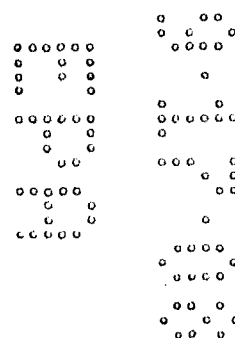
See back panel for additional Precautionary Statements and First Aid

EPA Reg. No. 9198-214

EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A, 9198-PA-001P

Underlined letter is first letter used in run code

Net Weight  
Covers



(Back Panel)

## The Andersons 0.48% Granular Barricade® Herbicide

### PRECAUTIONARY STATEMENTS

#### 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.

##### Personal Protective Equipment (PPE)

###### WPS USES:

Applicators and other handlers:

- Long sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash all PPE separately from other laundry.

###### NON-WPS USES:

Mixers and loaders who handles this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, only agricultural-plant uses are covered by the WPS – must wear:

- Chemical-resistant gloves

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash all PPE separately from other laundry.

##### Engineering Controls:

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

##### User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- After handling this product, immediately wash the outside of gloves before removing them, then remove gloves and all other PPE. Immediately wash thoroughly and change into clean clothing.

### 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 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.

**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.

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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

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If material is spilled, contain and sweep up material of spill for disposal or reuse per label instructions. Wash cleanup equipment to prevent contamination elsewhere. Excess quantities above normal application rates could result in damage to plants subject to spill. Water-in remainder, disc under or cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dusts have settled.

## GENERAL INFORMATION

This product is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in established turf grasses (excluding golf course putting greens), lawns, sod nurseries, landscape ornamentals, established perennial & wildflower plantings, non-crop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways & equipment yards), facilities including substations, tank farms, pumping stations, parking & storage areas, ungrazed fencerows.

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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.

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.

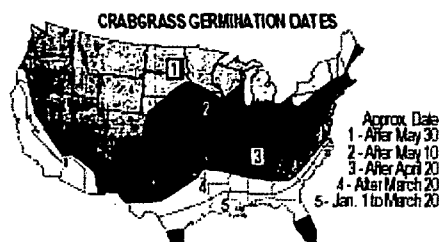
### APPLICATION DIRECTIONS

Apply uniformly through suitable, calibrated application equipment.

### ESTABLISHED TURF

This product is a preemergence herbicide that, when properly applied, 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.



### 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 Application Rate of this product per Calendar Year by Turf Grass 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	312	7.1
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	208	4.7
Creeping Red Fescue	0.75	156	3.5



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Creeping Bentgrass	0.65	135	3.1
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<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 108 lb./acre or 2.4 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.

Use higher rates of this product to achieve higher levels 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	Cupgrass, Woolly	Lambsquarter, Common	Signalgrass, Broadleaf
Bluegrass, Annual ( <i>Poa annua</i> )	Foxtails, Annual	Lovegrass	Speedwell, Persian
Carpetweed	Goosegrass <sup>1</sup>	Oxalis	Sprangletop
Chickweed, Common	Henbit	Panicum	Spurge, Prostrate
Chickweed, Mouseear (from seed)	Itchgrass	(Texas, Fall, Browntop)	Witchgrass
Crabgrass	Johnsongrass (from seed)	Pigweed	Woodsorrel, Yellow (from seed)
(Large, Smooth)	Junglerice	Purslane, Common	
Crowfootgrass	Knotweed	Pusley, Florida	
	Kochia	Rescuegrass <sup>3</sup>	
		Shepherd's Purse <sup>2</sup>	

<sup>1</sup>In many areas a single application of 3.1 to 7.1 lbs./1,000 sq.ft. (135-312 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 3.1 to 4.7 lbs./1,000 sq. ft. (135-208 lbs./A) followed after 60 to 90 days by a application at doses that would not exceed those given in the **Maximum Application Rates Table**. Do not exceed the maximum rate for turf grass species listed in the **Maximum Application Rates Table** above.

<sup>2</sup>Applications for this weed should be made in late summer, fall, or winter prior to germination.

<sup>3</sup>Suppression only.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates recommended for each turf species. 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.

The Andersons Fertilizer with 0.426% Barricade Herbicide Rate			Interval Before Overseeding		
lbs/1,000 sq. ft	lbs./A	ai/A	North	Transition	South
2.3	104	0.50	4 mo	4 mo	4 mo
3.1	135	0.66	5 mo.	4 mo	4 mo

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3.5	156	0.74	6 mo	5 mo	5 mo
3.8	166	0.80	---	6 mo	6 mo
4.7	208	1.00	---	7 mo	7 mo
5.4	237	1.14	---	---	9 mo
6.1	270	1.30	---	---	10 mo
7.1	312	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, NX and TX only)".

### ***Poa annua* Control in Established Bermudagrass Overseeded with Perennial Ryegrass (AZ, CA, NX 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**

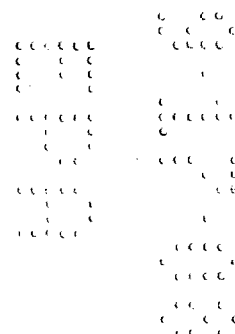
Amount to Apply		When to Apply	Expected Control	Use Precautions
Lbs./Acre	Lbs/1,000			
78 – 135	1.8 – 3.1	6 to 8 weeks before ryegrass overseeding  Second application 4-8 weeks after overseeding date or when perennial ryegrass roots are in the second inch of soil	One application for 70% or greater control of <i>Poa annua</i>  Second application should enhance the residual under normal weather conditions	<ol style="list-style-type: none"> <li>1. Some seed mortality and temporary reduction in root growth of new seedlings may occur</li> <li>2. To reduce the potential for seeding mortality, maintain a moist seedbed with light, frequent irrigation.</li> <li>3. Make no more than 2 applications per year for this use, and do not exceed 4 lbs./1,000 sq. ft. (176 lbs./A) for these two applications for <i>Poa annua</i> control in ryegrass overseeded turf</li> <li>4. Do not make a second application if any injury to the ryegrass is observed after the first application</li> <li>5. Do not make a second application unless the product was first applied before overseeding</li> </ol>

#### **Use 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 over seeded 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 diking 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.

#### **SPREADER SETTINGS**



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Recommended Spreader Settings						
These suggested spreader settings are not intended to replace calibration. Calibrate your spreader before applying product.						
___ lbs. treats ___ ft <sup>2</sup> at the 135 lbs. product/acre – LOW RATE ( 3.1 lbs./1,000 sq. ft. ) ___ lbs. treats ___ ft <sup>2</sup> at the 156 lbs. product/acre – MEDIUM RATE ( 3.5 lbs./1,000 sq. ft.) ___ lbs. treats ___ ft <sup>2</sup> at the 208 lbs. product/acre – HIGH RATE ( 4.7 lbs./1,000 sq. ft.) ___ lbs. treats ___ ft <sup>2</sup> at the 312 lbs. product/acre – HEAVY RATE ( 7.1 lbs./1,000 sq. ft.)						
Spreader	Ground or PTO Speed	Width of Coverage	Spreader Settings			
			Low Rate	Medium Rate	High Rate	Heavy Rate
The Andersons Rotaries AccuPro/SR-2000 (cone X)	X mph	XX ft/	X	X	X	X
Scotts Rotaries** R-8, R-8A (cone X)	X mph	XX ft	X	X	X	X
Lely Models WTR, WFT, HR 1250 (PTO at 450 rpm)	X mph	XX ft	X	X	X	X

#### LANDSCAPE ORNAMENTALS

This product may be applied for residual preemergence weed control in ornamentals (including established perennial and wildflower plantings).

#### Use Rates

Apply this product at 3.1 to 7.1 lbs./1,000 sq. ft.(135 to 312 lbs./A) in fall and/or spring. Use higher rate of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 7.1 lbs./1,000 sq. ft.(312 lbs./acre ft.).

#### Application Timing and Information

This product is a preemergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when this product is applied to soil free of clods, weeds, and debris such as leaves and mulch. Prior to application of this product, control existing vegetation by hand weeding, cultivation or the use of an appropriate postemergence herbicide.

Apply this product to dry foliage only. Overhead irrigation or rainfall soon after application will wash granules off plant foliage and activate this product in the soil.

#### Tolerant Ornamental Species

This product will not harm most trees, shrubs, vines, and flowers. The species listed below are tolerant to this product. Best results will be obtained when this product is uniformly applied to the soil surface. This product may be applied over the top of these species.

When plants are under stress (such as heat, drought, or frost damage) some cultivars of listed plants may be sensitive to this product.

## (Back Panel)

Fir species\*\* (Balsam, Fraser, Noble, etc.)  
 Abelia: Sherwood  
 Japanese Maple  
 Norway Maple  
 Yarrow: King Edward  
 Kiwi\*  
 Lily-of-the-Nile (African Lily)  
 Five-Leaf or Chocolate Vine  
 Lady's Leek, Nodding Onion  
 Japanese Anemone  
 Aquilegia: Red and gold  
 Vine Hill Manzanita  
 Cape Weed  
 Wormwood; Silver Mound, Castle  
 Japanese Aucuba  
 Barberry  
 Aster: Bonny Blue, Purple Dome  
 Lady Fern; Fern Lady  
 Fibrous Begonia; Hardy Grandis  
 Barberry  
 Wintergreen Barberry  
 Mentor Barberry  
 Japanese Barberry  
 Warty Barberry  
 Snowbank  
 Bougainvillea  
 Butterfly-Bush (Dwarf Blue); Royal Red  
 Japanese Boxwood  
 Crimson Bottlebrush  
 Weeping Bottlebrush  
 Scotch Heather  
 Tussock Bellflower; (White Clips)  
 Trumpet Creeper, Trumpet Flower; Madame Galen  
 Hottentot Fig (Ice Plant)  
 Feathery Cassia  
 Wild Lilac  
 False Cypress  
 Cleyera  
 Citrus species\*  
 Coreopsis (Calliopsis); Early Sunrise  
 Moonbean  
 Flowering Dogwood  
 American Dogwood  
 Pampas Grass  
 Cranberry Cotoneaster  
 Cotoneaster  
 Bearberry Cotoneaster  
 Rockspray Cotoneaster  
 Hawthorn  
 Lucifer  
 Italian Cypress  
 White Trailing Ice Plant  
 Cooperi Pink  
 Larkspur; Blue Elf  
 Dianthus, Maiden Pinks 'Zing'  
 Cheddar Pink  
 Hop Bush  
 Coneflower, Purple; Magnus

Gentian  
 Cranesbill  
 Gladiolus species\*\*  
 Baby's Breath  
 English Ivy  
 Sunrose  
 Daylily: Aztec Gold, Stella De Oro, Tender Love  
 Coral Bell; Bridget Bloom  
 Rose of Sharon\*\*  
 Chinese Hibiscus  
 Mallow; Disco Belle White  
 Hosta, Plantain Lily (Fragrant)  
 Hosta, 'Searsucker'  
 Bigleaf Hydrangea  
 Chinese Holly  
 Japanese Holly; Helleri  
 American Holly  
 Holly  
 Yaupon Holly; Schillings  
 Sword-Leaved Iris; Jodlesong  
 Siberian Iris; Cabernet  
 Iris species\*\*  
 Winter Jasmine  
 Chinese Juniper; Nick's Compact, Parsonli  
 Shore Juniper; Blue Pacific  
 Parsoni  
 Creeping Juniper  
 Walnut\*  
 Shrimp Plant  
 Crape Myrtle  
 Crape Myrtle; Tuscarora  
 Weeping Lantana  
 Lavender; Munstead  
 Edleweiss  
 Chinese Privet; Variegata  
 Amur Privet  
 Japanese Privet  
 Glossy Privet (Wax-Leaf)  
 Lily; Jazz  
 Big Blue Lillyturf; Turf, Silver Mound,  
 Evergreen Giant  
 Liriope, Variegated  
 Liriope, Creeping  
 Cardinal Flower, Indian Pink  
 Japanese Honeysuckle  
 Tatarian Honeysuckle  
 Burgundy  
 Loosestrife; Modern Pink  
 Magnolia species\*\*  
 Ice Plant  
 Crabapple\*  
 Yaku Jima, Silberfeder  
 Heavenly Bamboo  
 Narcissus species\*\*  
 Oleander  
 Evening Primrose  
 Olive\* Mondo Grass  
 Osmanthus (False Holly); Gulf Tide  
 Trailing African Daisy

Slash Pine  
 Aleppo Pine  
 Austrian Black Pine  
 Longleaf Pine  
 Monterey Pine  
 Japanese Black Pine  
 Eastern White Pine  
 Scotch Pine  
 Loblolly Pine  
 Virginia Pine  
 Pistachio\*  
 Queensland Pittosporum  
 Japanese Pittosporum  
 Japanese Yew  
 English Laurel  
 Almond, Apricot, Nectarine,  
 Peach, Plum and Prune\*  
 Douglas Fir\*\*  
 Firethorn Scarlet  
 Firethorn  
 Firethorn  
 Bradford Pear spp.  
 Oak, Shumard's Red  
 Oak species  
 Indian Hawthorn  
 Yedda Hawthorn  
 Rhododendron (including Azalea)  
 'Coral Bells'  
 'Delaware Valley White'  
 'Flame Creeper'  
 'Formosa'  
 'Girard Crimson'  
 'George I. Tabor'  
 'Hino-crimson'  
 'PJM'  
 'Roseum Elegans'  
 Wakeiebisu  
 White Gumbo  
 Lady Bank's Rose  
 Rosemary\*  
 Black-Eyed Susan; Goldstrum  
 Leatherleaf Fern  
 Santolina  
 Saxifrage; Purple Dome  
 Pincushion Flower  
 Stonecrop; Lidakense, Dragon's Blood  
 Spirea: Anthony Waterer  
 Australian Brushcherry  
 Japanese Yew  
 Yew  
 Germander  
 Meadow Rue  
 American Arborvitae  
 Star Jasmine  
 Canada Hemlock  
 Tulip species  
 Veronica Speedwell; Sunny Border  
 Japanese Viburnum  
 Sweet Viburnum  
 Japanese Snowball

## (Back Panel)

Silverberry  
Wintercreeper  
Japanese Spindle Tree (Evergreen  
Euonymus)  
Spreading Euonymus  
Japanese Aralia  
Border Forsythia  
Weeping Forsythia  
Greenstem Forsythia  
Gallaria, Blanket Flower: 'Goblin'  
Gardenia, Cape-Jasmine; Radicans

Sourwood  
Tree Peony  
Fountain Grass (Dwarf)  
Avocado\*  
Frasier's Photinia (Redtip)  
Dragonhead; False; Vivid  
Spruce species\*\* (Colorado Blue,  
Norway, etc.)  
Lily-of-the-Valley Shrub  
Calabrian Pine  
Canary Island Pine

Canary Island Viburnum  
Arrowood Viburnum  
Laurustinus  
Cranberry Bush  
Leatherleaf Viburnum  
Greater Periwinkle, Vinca  
Common Periwinkle, Vinca  
Grape\*  
Old Fashioned Weigela  
Spanish Bayonet, Yucca  
Adam's Needle, Yucca

\*Do not use on food producing trees, vines, or plants.

\*\*Not for use on container grown plants.

**VEGETATION MANAGEMENT**

This product may be applied to soil surfaces for preemergence control of many grass and broadleaf weeds in non-cropland areas on or surrounding:

- Non-crop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways & equipment yards)
- Facilities including substations, tankfarms, pumping stations, parking and storage areas and ungrazed fencerows

Most effective weed control in ornamentals will be obtained when this product is activated by at least 0.5 inch of rainfall or irrigation, or with shallow (1 to 2 inch) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Apply this product at 3.1 to 7.1 lbs./1,000 sq. ft. (135 to 312 lbs./A) in fall and/or spring. Use higher rate of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 7.1 lbs./1,000 sq. ft. (312 lbs./A).

**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:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty container into application equipment. 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:

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**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. Where permissible, 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.  
d/b/a Free Flow Fertilizer  
PO Box 119  
Maumee, OH 43537

**NOTIFICATION**

**FEB 2**

**NOTIFICATION**

Date Printed	09/15/08	<b>FEB 24 2009</b>
Date Approved	12/12/03	
Supersedes	New	
Label changes	Notification – Minor Label Changes	
Filename	9198-214	
Label code	AP121203/RVnot050404	

