

9198-214

12-12-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
9198-214 ✓

Date of Issuance:
DEC 12 2003

Term of Issuance:
Conditional

Name of Pesticide Product:
The Andersons 0.48%
Granular BarricadeR
Herbicide

NOTICE OF PESTICIDE:

☒ Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Andersons Lawn Fert. Div. Inc. d/b/a Free Flow Fert.
P.O. 119
Maumee, OH 43537

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA sec.
3(c)(7)(A) provided that you:

1. Add the phrase "EPA Registration No.9198-214" to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product under the enclosed stamped copy of the label constitutes acceptance of these conditions.

Enclosure

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Signature of Approving Official:

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Date:

DEC 12 2003

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Comments Continued:
Study

2. Submit the following data required for the formula of this pesticide product within one (1) year from the date of this Notice of Registration:

<u>EPA Guideline Data Number</u>	<u>Guideline Descriptor</u>
830.6317	Storage Stability
830.6320	Corrosion Characteristics
830.6303	Physical State
830.7000	pH
830.6315	Flammability
830.6316	Explodability
830.7100	Viscosity
830. 6314	Oxidation/Reduction
830. 6321	Dielectric Breakdown voltage

3. Either revise the labeling by deleting the descriptor "Selective" or describe the meaning of this descriptor as it applies to labeling that follows.
4. Increase the size of the map showing the "Crabgrass Germination Dates" and clearly identify the areas on the map for each window of dates. This map must be enlarged so it may be copied from the final printed label.
5. The "Spreader Settings" table should include all possible dosages that may be used. The dosage for newly sprigged or plugged Bermudagrass rates are not addressed in that table. Delete the word "Please" in the heading of the table as well as the statement "{available at final printing-.....equipment)".
6. On page 9 correct the dosage (135 to 312 lbs./A sq.ft) an apparent typographic error. On page 6 correct the "MO" error.
7. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA, section 4.
8. Submit one (1) copy of the final printed labeling before you release this product for shipment.
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(Front Panel)

The Andersons 0.48% Granular Barricade® Herbicide

Active Ingredient:

Prodiamine*	0.48 %
Other Ingredients:	<u>99.52%</u>
Total	100.00%

*(CAS No. 29091-21-2)

Barricade – trademark of Syngenta Crop Protection

For selective 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-

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

ACCEPTED
with COMMENTS
In EPA Letter Dated
DEC 11 2003

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9198-214

(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.

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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.

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.

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GENERAL INFORMATION

This product is a selective 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, tankfarms, pumping stations, parking & storage areas, ungrazed fencerows.

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.

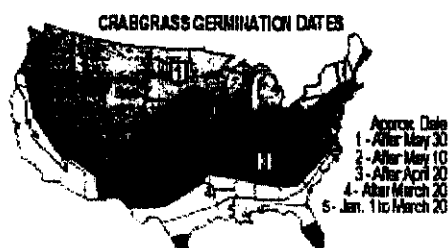
APPLICATION DIRECTIONS

Apply uniformly through suitable, calibrated application equipment.

ESTABLISHED TURF

This product is a selective 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:

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Maximum Application Rate of this product per Calendar Year by Turf Grass Species ¹			
Turf Species	lbs. A/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	312	7.1
Buffalograss, Kentucky Bluegrass, Perennial Ryegrass	1.0	208	4.7
Creeping Red Fescue	0.75	156	3.5
Creeping Bentgrass	0.65	135	3.1

¹ These are the maximum rates per calendar year by species limitations.

² 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 ¹	Oxalis	Sprangletop
Chickweed, Common	Henbit	Panicum	Spurge, Prostrate
Chickweed, Mouseear (from seed)	Itchgrass	(Texas, Fall, Browntop)	Witchgrass
Crabgrass	Johnsongrass	Pigweed	Woodsorrel, Yellow (from seed)
(Large, Smooth)	(from seed)	Purslane, Common	
Crowfootgrass	Junglerice	Pusley, Florida	
	Knotweed	Rescuegrass ³	
	Kochia	Shepherd's Purse ²	

¹ In many areas a single application of 3.1 to 7.1 lbs./1,000 sq.ft. (135-315 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.

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

³ 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.

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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
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	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 4 lbs./1,000 sq. ft. (176 lbs./A) 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

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.

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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.

SPREADER SETTINGS

(available at final printing – will vary among subregistrants and market availability of equipment)

Recommended Spreader Settings						
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.						
____ lbs. treats ____ ft ² at the 135 lbs. product/acre – LOW RATE (3.1 lbs./1,000 sq. ft.)						
____ lbs. treats ____ ft ² at the 156 lbs. product/acre – MEDIUM RATE (3.5 lbs./1,000 sq. ft.)						
____ lbs. treats ____ ft ² at the 208 lbs. product/acre – HIGH RATE (4.7 lbs./1,000 sq. ft.)						
____ lbs. treats ____ ft ² 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.

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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.

Fir species** (Balsam, Fraser, Noble, etc.)	Gentian	Slash Pine
Abelia: Sherwood	Cranesbill	Aleppo Pine
Japanese Maple	Gladiolus species**	Austrian Black Pine
Norway Maple	Baby's Breath	Longleaf Pine
Yarrow: King Edward	English Ivy	Monterey Pine
Kiwi*	Sunrose	Japanese Black Pine
Lily-of-the-Nile (African Lily)	Daylily: Aztec Gold, Stella De Oro, Tender Love	Eastern White Pine
Five-Leaf or Chocolate Vine	Coral Bell; Bridget Bloom	Scotch Pine
Lady's Leek, Nodding Onion	Rose of Sharon**	Loblolly Pine
Japanese Anemone	Chinese Hibiscus	Virginia Pine
Aquilegia: Red and gold	Mallow; Disco Belle White	Pistachio*
Vine Hill Manzanita	Hosta, Plantain Lily (Fragrant)	Queensland Pittosporum
Cape Weed	Hosta, 'Searsucker'	Japanese Pittosporum
Wormwood; Silver Mound, Castle	Bigleaf Hydrangea	Japanese Yew
Japanese Aucuba	Chinese Holly	English Laurel
Barberry	Japanese Holly; Helleri	Almond, Apricot, Nectarine, Peach, Plum and Prune*
Aster: Bonny Blue, Purple Dome	American Holly	Douglas Fir**
Lady Fern; Fern Lady	Holly	Firethorn Scarlet
Fibrous Begonia; Hardy Grandis	Yaupon Holly; Schillings	Firethorn
Barberry	Sword-Leaved Iris; Jodlesong	Firethorn
Wintergreen Barberry	Siberian Iris; Cabernet	Bradford Pear spp.
Mentor Barberry	Iris species**	Oak, Shumard's Red
Japanese Barberry	Winter Jasmine	Oak species
Warty Barberry	Chinese Juniper; Nick's Compact, Parsonli	Indian Hawthorn
Snowbank	Shore Juniper; Blue Pacific	Yedda Hawthorn
Bougainvillea	Parsoni	Rhododendron (including Azalea)
Butterfly-Bush (Dwarf Blue); Royal Red	Creeping Juniper	'Coral Bells'
Japanese Boxwood	Walnut*	'Delaware Valley White'
Crimson Bottlebrush	Shrimp Plant	'Flame Creeper'
Weeping Bottlebrush	Crape Myrtle	'Formosa'
Scotch Heather	Crape Myrtle; Tuscarora	'Girard Crimson'
Tussock Bellflower; (White Clips)	Weeping Lantana	'George I. Tabor'
Trumpet Creeper, Trumpet Flower; Madame Galen	Lavender; Munstead	'Hino-crimson'
Hottentot Fig (Ice Plant)	Edleweiss	'PJM'
Feathery Cassia	Chinese Privet; Variegata	'Roseum Elegans'
Wild Lilac	Amur Privet	Wakeiebisu
False Cypress	Japanese Privet	White Gumbo
Cleyera	Glossy Privet (Wax-Leaf)	Lady Bank's Rose
Citrus species*	Lily; Jazz	Rosemary*
Coreopsis (Calliopsis); Early Sunrise	Big Blue Lillyturf; Turf, Silver Mound,	Black-Eyed Susan; Goldstrum
Moonbean	Evergreen Giant	Leatherleaf Fern
Flowering Dogwood	Liriope, Variegated	Santolina
American Dogwood	Liriope, Creeping	Saxifrage; Purple Dome
Pampas Grass	Cardinal Flower, Indian Pink	Pincushion Flower
Cranberry Cotoneaster	Japanese Honeysuckle	Stonecrop; Lidakense, Dragon's Blood
Cotoneaster	Tatarian Honeysuckle	Spirea: Anthony Waterer
Bearberry Cotoneaster	Burgundy	Australian Brushcherry
Rockspray Cotoneaster	Loosestrife; Modern Pink	Japanese Yew
Hawthorn	Magnolia species**	Yew
	Ice Plant	Germander

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Lucifer	Grabapple*	Meadow Rue
Italian Cypress	Yaku Jima, Silberfeder	American Arborvitae
White Trailing Ice Plant	Heavenly Bamboo	Star Jasmine
Cooperi Pink	Narcissus species**	Canada Hemlock
Larkspur; Blue Elf	Oleander	Tulip species
Dianthus, Maiden Pinks 'Zing'	Evening Primrose	Veronica Speedwell; Sunny Border
Cheddar Pink	Olive* Mondo Grass	Japanese Viburnum
Hop Bush	Osmanthus (False Holly); Gulf Tide	Sweet Viburnum
Coneflower, Purple; Magnus	Trailing African Daisy	Japanese Snowball
Silverberry	Sourwood	Canary Island Viburnum
Wintercreeper	Tree Peony	Arrowood Viburnum
Japanese Spindle Tree (Evergreen Euonymus)	Fountain Grass (Dwarf)	Laurustinus
Spreading Euonymus	Avocado*	Cranberry Bush
Japanese Aralia	Frasier's Photinia (Redtip)	Leatherleaf Viburnum
Border Forsythia	Dragonhead; False; Vivid	Greater Periwinkle, Vinca
Weeping Forsythia	Spruce species** (Colorado Blue, Norway, etc.)	Common Periwinkle, Vinca
Greenstem Forsythia	Lily-of-the-Valley Shrub	Grape*
Gallaria, Blanket Flower: 'Goblin'	Calabrian Pine	Old Fashioned Weigela
Gardenia, Cape-Jasmine; Radicans	Canary Island Pine	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 (135 to 312 lbs./A sq. ft) 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 (312 lbs./1,000 sq. ft.).

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. 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.

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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. 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.

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

Date Printed	6/10/03
Date Approved	New
Supersedes	New
Label changes	New
Filename	BarrG
Label code	