



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 17, 2020

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

Subject: Registration Review Label Mitigation for Prodiamine
Product Name: THE ANDERSONS 0.48% GRANULAR BARRICADE
HERBICIDE
EPA Registration Number: 9198-214
Application Date: 07/11/2019
Decision Number: 553280

Dear Ms. Ziehr:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Prodiamine Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Srijana Shrestha by phone at 703-305-6471, or via email at Shrestha.Srijana@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to be "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

PRODIAMINE	GROUP	3	HERBICIDE
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The Andersons 0.48% Granular Barricade® Herbicide

Optional marketing information:

- Pre-emergent Weed Control
- For Lawns & Landscape Ornamentals



Dispersing Granule Technology

- Dispersing Granule Technology
- Patented Dispersing Granule formula greatly reduces loss due to ball, shoe & mower pickup
- Self incorporates with irrigation or rainfall
- Uniform granules for accurate application
- DGPro® Dispersible Carrier
- Utilizes DGPro® Dispersing Granule, which disperses upon contact with moisture
- Utilizes Barricade preemergent herbicide
- Provides preemergent control of crabgrass and other listed annual grasses and broadleaf weeds
- Small particle formulation provides more particles per square inch
- Contains DGPro carrier that "disappears" upon contact with moisture
- Controls over 30 grassy and broadleaf weeds
- Labeled for use on over 120 tolerant ornamentals

Active Ingredient:

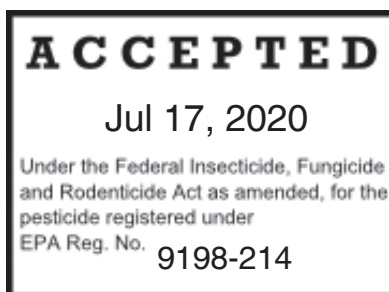
Prodiamine*	0.48%
Other Ingredients:	99.52%
Total	100.00%

*(CAS No. 29091-21-2)

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-IN-3S

Underlined letter is first letter used in run code

Net Weight

Covers

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 exist, 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 exist, 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.

Aquatic Organism Advisory Statement: Do not apply directly to water, 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 wash waters.

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.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

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.

WEED RESISTANCE MANAGEMENT

For resistance management, this product is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of this product or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance- management and/or integrated weed-management recommendations for specific crops and weed biotypes.

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, 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 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 Species¹			
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	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

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 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 (from seed)	Pigweed	Woodsorrel, Yellow (from seed)
(Large, Smooth)	Knotweed	Purslane, Common	
Crowfootgrass	Kochia	Pusley, Florida	
		Rescuegrass ³	
		Shepherd's Purse ²	

¹ 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.

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.

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 To reduce the potential for seeding mortality, maintain a moist seedbed with light, frequent irrigation. 2. 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 3. Do not make a second application if any injury to the ryegrass is observed after the first application 4. 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.

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

Recommended Spreader Settings						
These suggested spreader settings are not intended to replace calibration. 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 Coverag e	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.

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

Hawthorn	Ice Plant	Germander
Lucifer	Crabapple *	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	Fountain Grass (Dwarf)	Laurustinus
(Evergreen Euonymus)	Avocado *	Cranberry Bush
Spreading Euonymus	Frasier's Photinia (Redtip)	Leatherleaf Viburnum
Japanese Aralia	Dragonhead; False; Vivid	Greater Periwinkle, Vinca
Border Forsythia	Spruce species ** (Colorado blue	Common Periwinkle, Vinca
Weeping Forsythia	Norway, etc.)	Grape *
Greenstem Forsythia	Lily-of-the-Valley Shrub	Old Fashioned Weigela
Gallaria, Blanket Flower; 'Goblin'	Calabrian Pine	Spanish Bayonet, Yucca
Gardenia, Cape-Jasmine;	Canary Island Pine	Adam's Needle, Yucca
Radicans		

* 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:

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.

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