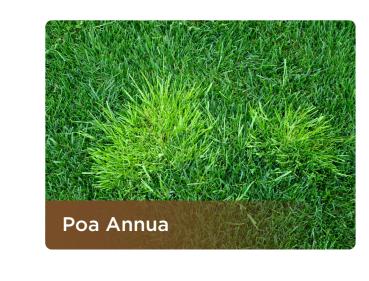
Andersons®

PROFESSIONAL TURF PRODUCTS

0.48% BARRICADE® ON DG PRO®





PRE-EMERGENT WEED CONTROL

FOR LAWNS & LANDSCAPE ORNAMENTALS



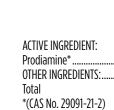
Dispersing Granule Technology



Controls over 30 grassy and broadleaf weeds



Small particle formulation provides more particles per square inch



EPA Est. No. 9198-0H-1<u>M</u>, 9198-0H-2<u>B</u>, 9198-AL-001<u>A</u>, Underlined letter is first letter used in run code.

KEEP OUT OF REACH OF CHILDREN PRECAUTIONARY STATEMENTS AND FIRST AID

NET WEIGHT 50.00 LBS (22.68 KG) COVERS UP TO 16,100 SQ. FT.

PRODIAMINE GROUP 3 HERBICIDE



PROFESSIONAL TURF PRODUCTS

The PROFESSIONAL TURF PRODUCTS Andersons® 0.48% BARRICADE® ON DG PRO®

After April 20

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye injury (irritation). Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or $clothing.\ Avoid\ breathing\ dust.\ Wash\ thoroughly\ with\ soap\ and\ water\ after\ handling.\ Prolonged\ or\ frequently\ repeated\ skin$ PERSONAL PROTECTIVE EQUIPMENT (PPE)

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. 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: 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.

Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified

USER SAFETY RECOMMENDATIONS:

• 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. all other PPE. Immediately wash thoroughly and change into clean clothing.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the 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. swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an

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.

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

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

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 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

until spray has dried or dusts have settled.

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

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:

 $\bullet \ \ Rotate \ the \ use \ of \ this \ product \ or \ other \ Group \ 3 \ herbicides \ within \ a \ growing \ season \ sequence \ or \ among \ growing \ seasons \ with$ 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

This product is a preemergence herbicide that provides residual control of many grass and broadleaf weeds in: • established turfgrasses (excluding golf course putting greens), lawn and sod nurseries • container, field-grown, and landscape ornamentals christmas tree farms

This product controls susceptible weeds by preventing growth and development of newly germinated weeds. Weed control is most effective when product is watered-in, within 2 weeks, by at least 0.5 inch of rainfall or irrigation.

ESTABLISHED TURF/LAWNS 1.) For best results this product must be applied prior to crabgrass germination. To determine the suitable timing for your specific region please consult the map below.

2.) Select a properly calibrated turf spreader and adjust the rate in accordance with the spreader settings listed below. Most established lawns can achieve season-long control of summer annual weeds at the low or medium rated listed below. For spreader models not located below, please refer to The Andersons website for further details.

SPREADER SETTINGS These suggested spreader settings are not intended to replace calibration. Calibrate your spreader before applying product. 50 lbs. treats 16,100 sq. ft. at 135 lbs. product/acre - (3.1 lbs/1,000 sq. ft. rate) 50 lbs. treats 13,800 sq. ft. at 156 lbs. product/acre - (3.5 lbs/1,000 sq. ft. rate) 50 lbs. treats 10,400 sq. ft. at 208 lbs. product/acre - (4.7 lbs/1,000 sq. ft. rate) 50 lbs. treats 6,900 sq. ft. at 312 lbs. product/acre - (7.1 lbs/1,000 sq. ft. rate)

SPREADER MODEL	GROUND SPEED	WIDTH OF COVERAGE	LOW RATE 0.65 lbs ai/A	MEDIUM RATE 0.57 lbs ai/A	HIGH RATE 1.0 lbs ai/A	HEAVY RA
The Andersons Model 2000 / AccPro (cone 6); The Andersons 2000 SR / SR-2000 (cone 6); The Andersons LCO-1000	3 mph	11 feet	K 1/2	L	M 1/2	Р
The Andersons DI2020	3 mph	12 feet	K 1/2	L	M 1/2	Р
Scotts R-8 (cone 6)	3 mph	11 feet	J 1/2	K	L 3/4	0
Lesco 020093 (pattern 0.25)	3 mph	7 feet	D 1/2	E	E 3/4	G 1/2
Lesco 705698 (pattern 0.25)	3 mph	7 feet	11	12	13 1/2	17
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-C	4.5 mph	34 feet	5	5 1/4	61/4	7 1/4
Vicon (03 series)	4.5 mph	26 feet	22	24	28	36

Do not apply this product to creeping bentgrass mowed to less than 0.5 inches in height. FURTHER DETAILS ABOUT RATES OF APPLICATION This product may be applied as a single application or in sequential applications to control weeds germinating throughout the year. Depending on your turf type, please refer to the table below for the maximum amount of product that can be applied in a

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. The low rate will provide 7 months of control and the medium rate will provide 8 months of control. Higher rates will control weed seeds longer but be careful as a longer residual will also hinder future over-seeding of desired turf species. Additionally, some species can be sensitive to dosage. Please refer to the maximum annual rates below. This product is recommended for use on the turf grass species listed in the following table. Do not exceed the maximum yearly

MAXIMUM APPLICATION RATE OF THIS PRODUCT PER CALENDAR YEAR BY TURF GRASS SPECIES¹ Bermudagrass², Bahiagrass, Centipedegrass, Seashore Paspalum, St. Augustinegrass, Tall Fescue (including 1.5 312 Buffalograss, Kentucky Bluegrass, Perennial Ryegrass 1.0 208

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 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 Bluegrass, Annual¹ (*Poa annua*) Johnsongrass (from seed)

Chickweed, Mouseear (from Crabgrass (Large, Smooth) Lambsquarter, Common Cupgrass, Woolly Panicum (Texas, Fall, Browntop) Foxtails, Annual

'In areas where Poa annua is a winter annual, apply this product in approximately August or September to established, non-overseeded turf ²In 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 t 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. ³Applications for this weed should be made in late summer, fall, or winter prior to germination.

Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rates Do not apply to overseeded turf within 60 days after seeding or until after the second mowing, whichever is longer. Injury to

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.

Lbs/1,000 sq. ft.	Lbs./A	ai/A	North	Transition	
2.3	104	0.50	4 mo.	4 mo.	
3.1	135	0.66	5 mo.	4 mo.	
3.5	156	0.74	6 mo.	5 mo.	
3.8	166	0.80	-	6 mo.	
4.7	208	1.00	-	7 mo.	
5.4	237	1.14	-	-	
6.1	270	1.30	-	-	1
7.1	312	1.50	-	-	

ate of 220 in	S./A).				
HOW MUCH A	ND WHEN TO	APPLY			
AMOUNT	TO APPLY	WILLY TO ADDIV	ENDECTED CONTROL		LICE DESCAUTIONS
Lbs./Acre	Lbs/1,000	WHEN TO APPLY	EXPECTED CONTROL		USE PRECAUTIONS
78 - 135	1.8 - 3.1	6 to 8 weeks before ryegrass overseeding	One application for 70% or greater control of <i>Poa annua</i>	1.	Some seed mortality and temporary reductior root growth of new seedlings may occur To re the potential for seeding mortality, maintain a moist seed-bed with light, frequent irrigation
		Second application 4-8 weeks after over- seeding date or when perennial ryegrass roots are in the second	Second application should enhance the residual under normal weather conditions	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</i> <i>annua</i> control in ryegrass overseeded turf
		inch of soil		3.	Do not make a second application if any injury the ryegrass is observed after the first applica
				4.	Do not make a second application unless the product was first applied before overseeding

• 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.

Saxifrage: Purple Dome

Austrian Brushcherry

Canada Hemlock

Japanese Snowball

Arrowood Virburnum

Greater Periwinkle, Vinca

Old Fashioned Weigela

Common Periwinkle, Vinca

Canary Island Viburnum

Veronica Speedwell; Sunny Border

Stonecrop; Ladakense, Dragon's Blood

• Application of this product to turf stressed by drought, low fertility, or pest damage may result in turf injury. Disturbing the herbicide barrier with cultural practices such as disking may result in reduced weed control. • Do not apply this product to putting greens or areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (*Poa annua*) are desirable species.

• Do not apply to over seeded turf within 60 days after seeding or until after the second mowing, whichever is longer.

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

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.

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./acres). 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

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. ed over the top

to application of this product, control existing vegetation by hand weeding, cultivation or the use of an appropriate

		rubs, vines, and flowers. The species listed roduct is uniformly applied to the soil surfa	
-	When plants are under stress (such as heat	, drought, or frost damage) some cultivars o	f listed plants may be sensitive to t
	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 Mentor Barberry Warty Barberry Warty Barberry Vary Barberry Vary Barberry Snowbank	Hop Bush Coneflower, Purple; Magnus Silverberry Wintercreeper Japanese Spindle Tree (Evergreen Euonymus) Spreading Euonymus Japanese Aralia Border Forsythis Weeping Forsynthia Greenstem Forsythia Galliaria, Blanket Flower: 'Goblin' Gardenia, Cape-Jasmine; Radicans Siberian Iris; Cabernet Iris species** Winter Jasmine Chinese Juniper; Nick's Compact, Parsonil Shore Juniper; Blue Pacific Parsoni Creeping Juniper Walnut* Shrimp Plant Crape Myrtle	Dragonhead; False; Vivid Spruce species** (Colorado E Norway, ect.) Lily-of-the-Valley Shrub Calabrian Pine Canary Island Pine Firethorn Bradford Pear spp. Oak, Shumard's Red Oak species Indian Hawthorn Yedda Hawthorn Rhododendron (including Ai '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'
	Bougainvillea Butterfly-Bush (Dwarf Blue); Royal Red	Lavendar; Munstead Edleweiss Chinese Privet: Variegata	Black-Eyed Susan; Goldstrun Leatherleaf Fern Santolina
	Japanese Boxwood	Cilliese Privet, vdflegdld	2011f0lllig

Weeping Bottlebrush Glossy Privet (Wax-Leaf) Tussock Bellflower; (White Clips) Big Blue Lillyturf; Turf, Silver Mound, Hottentot Fig (Ice Plant) Liriope, Variegated Cardinal Flower, Indian Pink Loosestrife: Modern Pink Coreopsis (Calliopsis); Early Sunrise Magnolia species**

American Dogwood Bearberry Cotoneaster

Spurge, Prostrate Woodsorrel, Yellow (from seed)

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.

POA ANNUA CONTROL IN ESTABLISHED BERMUDAGRASS OVERSEEDED WITH PERENNIAL RYEGRASS (AZ, CA, NV, AND TX ONLY) Use on golf courses (excluding golf course putting greens) and lawns when overseeding with perennial ryegrass (minimum seed rate of 350 lbs./A).

AMOUNT TO APPLY		WHEN TO APPLY	EXPECTED CONTROL		USE PRECAUTIONS		
s./Acre	Lbs/1,000	WHEN IU APPLI	EXPECIED CONTROL		USE PRECAUTIONS		
8 - 135	1.8 - 3.1	6 to 8 weeks before ryegrass overseeding	One application for 70% or greater control of <i>Poa annua</i>	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 seed-bed with light, frequent irrigation.		
		4-8 weeks after over- seeding date or when perennial ryegrass normal weather roots are in the second conditions	the residual under normal weather	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		
	inch of soil		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		

Rockspray Cotoneaster Trailing African Daisy White Trailing Ice Plant

Dianthus, Madiden Pinks 'Zing' Frasier's Photinia (Redtip *Do not use on food producing trees, vines, or plants. **Not for use on container growing plants. This product may be applied to soil surfaces for preemergence control of many grass and broadleaf weeds in non-cropland areas on Non-crop areas on or surrounding managed rights-of-way for transportation systems and utilities (including roadways, roadsides, railways & equipment yards)

Yaku Jima, Silberfeder

Narcissus species**

• 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 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

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 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. 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

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 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 LEGAL RIGHTS:
THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO

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