Fertilizer with Barricade® .295%

ACTIVE INGREDIENT: Prodicam [N,N-Di-(4-propyl-2,4-dinitro-6-(trifluoromethyl) m-phenylenediamine] . 0.295% 
OTHER INGREDIENTS .................................................. 99.705%

TOTAL: .......................................................... 100.000%

For selective preemergence control of grass and broadleaf weeds in:
- Established turf grasses (excluding golf course putting greens) and lawns
- Landscape ornamentals (including established perennials & wildflower plantings)
- Covers up to 12,820 square feet

KEEP OUT OF REACH OF CHILDREN

CAUTION

See the following section, Precautionary Statements, Hazards To Humans and Domestic Animals, for additional information.

EPA Reg. No. 34704-778-84886

EPA EST. NO. 57131-WH (Lot begins EC)
EPA EST. NO. 48991-TX-2 (Lot begins TX-2)
EPA EST. NO. 35512-FL-2 (Lot ends GP)
EPA EST. NO. 82757-MA-2 (Lot begins H)
EPA EST. NO. 82757-Or-1 (Lot begins MF)
EPA EST. NO. 89759-OR-2 (Lot begins MAG)
EPA EST. NO. 75527-PA-12 (Lot ends PA-012)

NET WEIGHT 50 LBS. (22.68 Kg)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye 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 with this material may cause allergic reactions in some individuals.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF INHALED: If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor for immediate treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-844-8865

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. 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 washwaters.

If material is spilled: Contain and sweep up material of spill for disposal or use 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-rain delay, disc under, cover with layer of soil, or leave exposed to sunlight, as deemed appropriate to the situation.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in original container away from other 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. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product is a selective preemergence herbicide that provides residual control of many grass and broadleaf weeds in:
- Established turfgrass (excluding golf course putting greens) and lawns
- Landscape ornamentals
- Established perennials & wildflower plantings

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 inches of rainfall or irrigation, or with shallow (1 to 2 inches) incorporation, prior to weed seed germination and within 14 days following application.

Not for use on plants being grown for: (1) for sale or other commercial use, (2) for commercial seed production, or (3) for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf or courses lawns and grounds. 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.

Do not apply aerially. Do not apply to golf course putting greens.

APPLICATION DIRECTIONS

Apply uniformly with 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 inches of rainfall or irrigation prior to weed seed germination and within 14 days following application.

This product contains Duration CR, a registered trademark of Agrium, Inc.

GUARANTEED ANALYSIS

Total Nitrogen (N) .................................................. 35.00%
35.00% Urea Nitrogen* ................................................. 7.00%
Soluble Potash (K2O) ................................................ 28.35% Slowly Available Urea Nitrogen from Polymer Coated Urea

DERIVED FROM: Polymer Coated Urea, Urea, Muriate of Potash

WARNING: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metas.htm

Product No. 8121002

G E N E R A L A P P L I C A T I O N G U I D I N E S

<table>
<thead>
<tr>
<th>Rate</th>
<th>lbs. Product per 1,000 sq ft</th>
<th>lbs. Nitrogen per 1,000 sq ft</th>
<th>lbs. A.I. per acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>5.8</td>
<td>2.0</td>
<td>5.75</td>
</tr>
<tr>
<td>Medium</td>
<td>7.2</td>
<td>2.5</td>
<td>9.93</td>
</tr>
<tr>
<td>High</td>
<td>8.7</td>
<td>3.0</td>
<td>11.12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spreader Setting</th>
<th>AccuPro 2000</th>
<th>Bigfoot</th>
<th>Lesco Rotary</th>
<th>Spreader Stick</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>P ½</td>
<td>O</td>
<td>24</td>
<td>7</td>
</tr>
<tr>
<td>Medium</td>
<td>R ½</td>
<td>P</td>
<td>30</td>
<td>7.5</td>
</tr>
<tr>
<td>High</td>
<td>T ½</td>
<td>Q</td>
<td>19½</td>
<td>8.1</td>
</tr>
</tbody>
</table>

These settings are approximate for the application rate shown per 1,000 square feet. You may need to adjust the spreader setting depending on walking speed, spreader condition and product. 
*Low walking speed and slow spreader settings to lower high rate with this product.

GUARANTEED BY:

Agrium Advanced Technologies
(U.S.) Inc.
2915 Rocky Mountain Avenue
Loveland, CO 80538

This product contains Duration CR, a registered trademark of Agrium, Inc.
Fertilizer with Barricade® 295%
EPA REG. NO. 34704-778-88486
See the map below for approximate crabgrass seed germination dates.

<table>
<thead>
<tr>
<th>Crabgrass Seed Germination Dates</th>
<th>Approximate Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>After May 10</td>
</tr>
<tr>
<td>Bahiagrass</td>
<td>After May 10</td>
</tr>
<tr>
<td>Centipedegrass</td>
<td>After April 20</td>
</tr>
<tr>
<td>Crabgrass, Large, smooth</td>
<td>After March 20</td>
</tr>
<tr>
<td>Goosegrass, Smooth</td>
<td>January 1 to March 20</td>
</tr>
<tr>
<td>Goosegrass, Pencil</td>
<td>(includes Narrow)</td>
</tr>
</tbody>
</table>

Contact your District Sales Representative or local Agricultural Extension Agent for crabgrass germination information for your area.

Use Precautions
The following precautions apply to the use of this product in turf grasses and lawns:
Application of this product may thin emerging annual bluegrass and newly overseeded grasses.
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.
Do not cut (harvest) treated sod before 120 days after application.
Do not apply to newly seeded soil 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 mowing may result in reduced weed control.
Do not apply this product to putting greens or areas where dichondra, colonial bentgrasses, violet bentgrasses or annual bluegrasses (Poa annua) are desirable species.

Rates of Application
This product may be applied as a single application or in sequential applications to control weeds growing 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 annual rate of 510 lbs/A/yr.

<table>
<thead>
<tr>
<th>Weed Species</th>
<th>Rate (lb/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bahiagrass</td>
<td>220</td>
</tr>
<tr>
<td>Bermudagrass</td>
<td>220</td>
</tr>
<tr>
<td>Crabgrass, Large, smooth</td>
<td>220</td>
</tr>
<tr>
<td>Crabgrass, Smooth</td>
<td>220</td>
</tr>
<tr>
<td>Goosegrass, Smooth</td>
<td>220</td>
</tr>
<tr>
<td>Goosegrass, Pencil</td>
<td>220</td>
</tr>
<tr>
<td>Goosegrass, Narrow</td>
<td>220</td>
</tr>
</tbody>
</table>

Terrestrial Ornamentals
This product will not harm most trees, shrubs, vines and flowers. Best results will be obtained when this product is uniformly applied to the soil surface; avoid applying to ornamental shrubs which may defeat the effort to get uniform distribution on the soil surface. This product may be applied over the top of species. When plants are under stress (such as heat, drought, or frost damage) some cultivars or species may be sensitive to this product.
Do not use on food producing trees, vines, or plants.

Fertilizer with Barricade® 295%, by Turf Grass Species

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate (lb/A)</th>
<th>Months Before Overseeding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermudagrass</td>
<td>510</td>
<td>5</td>
</tr>
<tr>
<td>Bahiagrass</td>
<td>220</td>
<td>5</td>
</tr>
<tr>
<td>Crabgrass, Large, smooth</td>
<td>220</td>
<td></td>
</tr>
<tr>
<td>Crabgrass, Smooth</td>
<td>220</td>
<td></td>
</tr>
<tr>
<td>Goosegrass, Smooth</td>
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<td>Goosegrass, Pencil</td>
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<td></td>
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<tr>
<td>Goosegrass, Narrow</td>
<td>220</td>
<td></td>
</tr>
</tbody>
</table>

Established Landscape Ornamentals
This product may be applied to established ornamentals as a broadcast, over the top or directed application. Irrigation or rainfall soon after application will wash residues of plant foliage and activate the product in the soil.

Newly Transplanted Landscape Ornamentals
This product may be applied to newly transplanted ornamentals as a broadcast, over the top or directed application. Delay application to allow soil to settle around new transplants and water thoroughly before applying this product. Apply this product after cutting forms and roots and become established. Apply before budding/grafting or after budgastings have taken to avoid any inhibition of the tissue union.

Use Rates
Apply this product at 220 to 510 lbs/A in fall and/or spring. Use higher rates of application for longer control periods. Sequence or single applications are allowed so long as the total amount of product applied does not exceed the maximum annual application rate of 510 lbs/A/yr.

Application Timing and Information
This product is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when this product is activated at by least 0.5 inches of rainfall or irrigation, or with shallow (1 to 2 inches) 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. Prior to application of this product, control existing vegetation by hand weeding, cultivation, or the use of an appropriate pre-emergence herbicide.

Use of Barricade® is a trademark of a Syngenta Group Company

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