

## **TURF FERTILIZER** with 0.38% BARRICADE® herbicide

## 19-0-6

## .38% Barricade, PCSCU **GUARANTEED ANALYSIS**

Total Nitrogen (N)	19.070
19.0% Urea nitrogen*	
Soluble Potash (K <sub>2</sub> O)	6.0%
Plant foods derived from: Urea, Muriate of Potash and Pol	ly Coated
Sulfur Coated Urea.	•

\*4.75% slowly available urea nitrogen from poly coated sulfur coated urea.

544-4210 genericpocketsm

For selective preemergence control of grass and broadleaf weeds in:

- Established turfgrasses (excluding golf course putting greens), lawns, athletic fields, parks, and sod farms
- Field-grown and landscape ornamentals
- Established perennials and wildflower plantings
- · Non-crop areas, including landscape beds, ornamentals, and established perennial wildflower plantings on or surrounding municipal grounds and government installations, managed rights-of-way for transportation systems and utilities (including, roadways, roadsides, railways, and equipment yards)

Active Ingredient: Prodiamine\* Other Ingredients: .....99.62% ...100.00%

\*CAS No. 29091-21-2 EPA Reg. No. 100-1339-57131 EPA Est. No. 57131-WI-1

# **KEEP OUT OF REACH** OF CHILDREN

See additional precautionary statements and directions for use.

10.00/

IFIRST AID	
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 further treatment advice.
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

#### HOT LINE NUMBER

For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemica Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-424-9300

#### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Wear long-sleeved shirt and long pants, shoes plus socks, and gloves. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

Long-sleeved shirt and long pants
 Shoes plus socks

•Chemical-resistant gloves made of any waterproof material

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

#### **Engineering Control Statements**

When handlers use closed systems, enclosed cabs, or aircraft 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothina.

#### **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, if may be toxic to fish. Do not apply directly to water. 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.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of DISTRIBUTOR or Seller. To the extent consistent with applicable law, Buyer and User agree to hold DISTRIBUTOR and Seller harmless for any claims relating to such factors.

DISTRIBUTOR warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or DISTRIBUTOR, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW. DISTRIBUTOR MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL

To the extent consistent with applicable law, in no event shall DISTRIBUTOR be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF DISTRIBUTOR AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION How to Apply OF DISTRIBUTOR OR SELLER. THE REPLACEMENT OF THE PRODUCT.

DISTRIBUTOR and Seller offer this product, and Buyer and User accept it. subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of DISTRIBUTOR.

#### 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 requirement specific to your State and Tribe, consult the State/Tribal agency responsible for pesticide regulation.

- For use on plants intended for aesthetic purposes or climatic modification.
- Read entire label before using this product.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker 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 •Chemical-resistant gloves made of any waterproof material •Shoes plus socks

#### NON-AGRICULTURAL USE REQUIREMENTS

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

#### Do not enter or allow others to enter until dusts have settled.

AWARD® TURF FERTILIZER with 0.38% BARRICADE® herbicide controls certain grass and broadleaf weeds before they emerge and provides residual control in established turforasses, and ornamentals and other non-crop area. AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide inhibits shoot and root growth in susceptible weeds. AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide will not control established weeds. Weed control is most effective when AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide is activated by at least 0.5 inch of rainfall or irrigation before weed seeds germinate and within 14 days following application.

#### Weeds Controlled

Barnyardgrass Crowfootgrass Blueárasš. Annual (Poă annua) Foxtăils, Annual i Carnetweed Goosegrass<sup>3</sup> Chickweed, Common Henbit Chickweed, Mouseear Itchgrass (from seed) Johnsongrass (from seed) Craborass (Large, Smooth)2 Junalerice

Knotweed Cupgrass, Woolly Kochia Lambsguarter, Common Lovegrass Panicum (Texas, Fall, Browntop) Pigweed Purslane, Common Pusley, Florida

Rescuegrass<sup>4</sup> Shepherd's Purse Signalgrass, Broadleaf Speedwell, Persian Sprangletop Spurge, Prostrate Witchgrass Woodsorrel, Yellow (from seed)

1In areas where *Poa annua* is a winter annual, apply AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide (see rate table) in August or September to established, non-overseeded turf before Poa annua seeds germinate. These timings are approximate. Consult State Extension Service for more specific timing for your area.

2Fall Applications for Spring Crabgrass Control in Cool-Season Grasses: In those areas where the ground freezes in the winter, AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide can be applied in the fall after the soil temperature falls below 50°F but before the ground freezes. This application will control crabgrass the following spring.

3In many areas, a single application will control goosegrass. However, under heavy goosegrass pressure and/or an extended growing season, make a second application 60-90 days later to ornamentals and lawns (if recommended for your lawn grass species). 4Suppression only.

## **ESTABLISHED TURF**

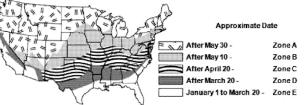
Golf courses (except putting greens), lawns, parks, athletic fields, and sod farms

- Do not apply more than 9.0 lbs product/1.000 sq feet (1.5 lb a.i.A) per calendar year.
- Do not make more than two applications per calendar year.
- Refer to Rates for Grass Species table and Granular Spreader Settings table for spreader settings to deliver the rate recommended for your lawn grass species. Uniform coverage is necessary to provide the most effective level of control.
- Apply AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide to the turf in the early spring prior to crabgrass emergence. See Crabgrass Germination Dates in the map below for the approximate timing in your area. Always apply before weeds emerge. AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide will not control emerged crabgrass.
- If you have a known serious weed problem or live in an area with an extended growing season, you may need to make a second application 60-90 days later.
- If you live in Zones D and E (see Crabgrass Germination Dates map), you may apply a higher rate (Medium or High Rate) or make two applications for more effective

crabgrass control, if recommended for your turfgrass species.

- Do not make a second application to Fine Fescue, Creeping Bentgrass, and newly sprigged and plugged Bermudagrass. Do not make a second application if you applied the High Rate to Buffalograss, Kentucky Bluegrass, or Perennial Ryegrass.
- For best control After application, water in with ½ inch of water within 14 days, either from watering or rain.

### Crabgrass Seed Germination Dates



Rates for Lawn Grass Species

		Application Schedule 1	Application Rate2		
	Bermudagrass (established) Bahiagrass Centipedegrass Kikuyugrass Seashore Paspalum St. Augustine grass Tall Fescue (including turf-type) Zoysiagrass	First Application	Base	Medium	High
		Second Application (optional)	Base or Medium or High	Base or Medium or High	Base or Medium or High
	Buffalograss Kentucky Bluegrass Perennial Ryegrass	First Application	Base	Medium	High
		Second Application (optional)	Base or Medium	Base or Medium	
	Fine Fescue (including Red Fescue)	One Application Only	Base or Medium or High	1	
	Creeping Bentgrass (0.5 inch and greater height) <sup>3</sup>	One Application Only	Base or Medium		
	Bermudagrass (newly sprigged and plugged) <sup>4</sup>	One Application Only	Base or Medium		

<sup>1</sup> A second application may be necessary because of heavy weed pressure or extended growing season.

See Granular Spreader Settings table for spreader settings to deliver the rate.

3 To avoid grass injury, do not apply AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide to creeping bentgrass mowed at less than 0.5 inch in height.

4 Newly sprigged or plugged Bermudagrass rooting may be temporarily slowed.

#### GRANULAR SPREADER SETTINGS

Pounds Per 1,000 Sq. Ft.					
3.0	3.5	4.0	4.5	5.0	6.0
E-F	F	F-G	F-G	G	G-l
3.75	3.75-4	4	4-4.5	4.5	4.7
Н	1	1	J	J	К
3.75	3.75-4	4	4-4.5	4.5	4.7
15	16	17	18	18	19
2.5	3	3.4	3.5	3.6	3.8
	3.0 E-F 3.75 H 3.75	3.0 3.5 E-F F 3.75 3.75-4 H I 3.75 3.75-4 15 16	3.0 3.5 4.0 E-F F F-G 3.75 3.75-4 4 H I I 3.75 3.75-4 4 15 16 17	3.0 3.5 4.0 4.5 E-F F F-G F-G 3.75 3.754 4 44.5 H I I J 3.75 3.754 4 44.5 15 16 17 18	3.0 3.5 4.0 4.5 5.0 EF F F.G F.G G 3.75 4.4 44.5 4.5 H I J J J 3.75 3.75 4.4 44.5 4.5 15 16 16 17 18 18

SPREADER SETTINGS

These settings are recommendations only. Each user should calibrate their own spreaders for proper application. Your application may vary with ground speed and wear on your spreading equipment. Bulk density, particle size (SGN) and a change in fertilizer analysis will also vary your spreader setting. To calibrate your spreader, place the proper amount of product for 500 square feet into the spreader and apply to your pre-measured 500 square feet (100 feet long by 5 feet wide) and adjust the spreader setting as necessary. Do not apply more than 1.5 lbs, ai/A per year.

#### Use Precautions

- Do not apply to putting greens or turfgrass areas where dichondra, colonial bentgrass, velvet bentgrass, or annual bluegrass (Poa annua) are desirable species.
- Do not cut (harvest) treated sod before 90 days after application. To avoid turfgrass. injury, do not apply to newly-set sod until the sod has rooted into the second inch of soil and exposed edges have filled in.
- Application of AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide 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
- Seeding: Do not apply to overseeded areas for 60 days after seeding, or until after the second mowing, whichever is longer. Do not overseed for 4 months after last applications of this product.

Net Wt. 50 lbs. (22.7 kg.)

AWARD® TURF FERTILIZER with 0.38% BARRICADE® herbicide

## LANDSCAPE, FIELD-GROWN ORNAMENTALS, AND NON-CROP AREAS How to Apply

- Apply AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide as a broadcast, over-the-top application at 3.9-9.0 lbs. product/1,000 sq. ft. Use higher rates when weed pressure was a severe problem in the past.
- Make a single application in fall and/or spring prior to weed emergence. Another application may be made 60-90 days later, if necessary. Do not exceed a total of 9.0 lbs. product/1,000 sq. ft per year.
- After application, water in with ½ inch of water within 14 days, either from watering or rain, or incorporate into the top 1-2 inches of soil within 14 days after application.
- On established ornamentals, watering or rainfall soon after application will wash residues off plant foliage and activate AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide in the soil.
- On newly-transplanted ornamentals, apply after the soil has settled around the
- For best weed control, apply to soil free of clods, weeds, and debris such as leaves.
- Prior to application, control existing weeds by hand weeding, cultivation, or by the use of a herbicide for emerged weeds.
- Plants under stress (such as heat, drought, or frost damage) may be sensitive to AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide.

#### **Tolerant Ornamentals**

AWARD TURF FERTILIZER with 0.38% BARRICADE herbicide will not harm most trees, shrubs, vines and flowers.

Scientific name	Common name
Abies spp.	Fir species (Balsam, Fraser, Noble, etc.)
Acer palmatum	Japanese Maple
Acer platanoides	Norway Maple
Actinidia chinensis	Kiwi*
Agapanthus africanus	Lily-of-the-Nile (African Lily)
Arctostaphylos densiflora	Vine Hill Manzanita
Arctotheca calendula	Cape Weed
Aucuba japonica	Japanese Aucuba
Berberis gladwynensis	Barberry
Berberis julianae	Wintergreen Barberry
Berberis mentorensis	Mentor Barberry
Berberis thunbergii	Japanese Barberry
Berberis verruculosa	Warty Barberry
Buxus microphylla	Japanese Boxwood
Callistemon viminalis	Weeping Bottlebrush
Calluna vulgaris	Scotch Heather
Carpobrotus edulis	Hottentot Fig (Ice Plant)
Cassia artemisioides	Feathery Cassia
Ceanothus rigidus	Wild Lilac
Chamaecyparis pisifera	False Cypress
Cleyera japonica	Cleyera
Citrus spp.	Citrus species*
Cornus florida	Flowering Dogwood
Cornus stolonifera	American Dogwood
Cortaderia selloana	Pampas Grass
Cotoneaster apiculatus	Cranberry Cotoneaster
Cotoneaster buxifolius	Cotoneaster
Cotoneaster dammeri	Bearberry Cotoneaster
Cotoneaster microphyllus	Rockspray Cotoneaster
Crataegus spp.	Hawthorne
Cupressus sempervirens	Italian Cypress
Delosperma alba Dodonaea viscosa	White Trailing Ice Plant
Elaeagnus pungens	Hop Bush Silverberry
Euonymus fortunei	Wintercreeper
Euonymus japonica	Japanese Spindle Tree (Evergreen Euonymus)
Euonymus kiautschovicks	Spreading Euonymus
Fatsia japonica	Japanese Aralia
Forsythia intermedia	Border Forsythia
Forsythia viridissima	Greenstem Forsythia
Gardenia jasminoides	Gardenia, Cape-Jasmine
Gladiolus spp.	Gladiolus species
Hedera helix	English Ivy
Hibiscus	Rose of Sharon
Hibiscus Rosa-sinensis	Chinese Hibiscus

#### Scientific name Common name Chinese Holly llex comuta llex crenata Japanese Holly llex opaca American Holly llex pernyi Holly llex vomitoria Yaupon Holly *Iris* spp. Iris species Jasminium nudiflorum Winter Jasmine Juniperus chinensis Chinese Juniper Juniperus conferta Shore Juniper Juniperus horizontalis Creeping Juniper *Jugians* spp. Walnut\* Justicia brandegeana Shrimp Plant Lagerstromia indica Crape Myrtle Ligustrum amurense Amur Privet Japanese Privet Ligustrum iaponicum Ligustrum lucidum Glossy Privet (Wax-Leaf) Lirope muscari Big Blue Lilyturf Lonicera japonica Japanese Honevsuckle Lonicera tatarica Tatarian Honevsuckle Magnolia spp. Magnolia species Ice Plant Malephora luteola Malus spp. Crabapple\* Nandina domestica Heavenly Bamboo Narcissús species Narcissus spp. Oleander Nerium spp. Olea europaea Olive\* Ophiopogon iaponicus Mondo Grass Osteospermum fruticosum Trailing African Daisy Oxydendrum arboreum Sourwood Persea americana Avocado\* Photinia fraseri Frasier's Photinia (Redtip) Picea spp. Pieris japonica Lily-of-the-Valley Shrub Pinus brutia Cálabrian Pine Pinus canariensis Canary Island Pine Slash Pine Pinus elliottii Pinus halepensis Aleppo Pine Austrian Black Pine Pinus nigra Pinus palustris Longleaf Pine Pinus radiata Monterey Pine Pinus strobus Eastern White Pine Pinus sylvestris Scotch Pine Loblolly Pine Pinus taeda Pinus thunbergiana Japanese Black Pine Pinus virginiana Virginia Pine Pistachio\* Pistacia spp. Pittosporum rhombifolium Queensland Pittosporum Japanese Pittosporum Pittosporum tobira Podocarpus macrophyllus Japanese Yew Prunus laurocerasus **English Laurel** Almond, Apricot, Nectarine, Peach, Plum Prunus spp. and Prune\* Pseudotsuga menziesii Douglas Fir Pyracantha coccinea Firethorn Scarlet

Stonecrop

Japanese Boxcherry

Sedum album

Svzvaium paniculatum

Spruce species (Colorado Blue, Norway, etc.) Pvracantha fortuneana Firethorn Pyracantha koidzumii Firethorn Pyrus spp. Bradford Pear spp. Quercus rubra Oak species Rhaphiolepis indica Indian Hawthorne Rhododendron (including 'Coral Bells' Azalea) 'Formosa' 'Hino-crimson' 'PJM' 'Roseum Elegans' Rosa banksiae Lady Bank's Rose Rosmarinus officinalis Rosemary\* Leatherleaf Fern Rumohra adiantiformis Santolina virens

Scientific name Common name Taxus cuspidata Japanese Yew Taxus media Thuia occidentalis American Arborvitae Trachelospermum asiaticum Star Jasmine Tsuga canadensis Canada Hemlock *Tulipa* spp. Tulip species Viburnum japonicum Japanese Viburnum Viburnum odoratissimum Sweet Viburnum Viburnum plicatum Japanese Snowball Viburnum rigidum Canary Island Viburnum Viburnum tinus Laurustinus Viburnum trilobum Cranberry Bush Leatherleaf Viburnum Viburnum wriahtii Vinca major Dwarf Periwinkle Vinca minor Vitis spp. Grape\* Weigela florida Old Fashioned Weigela

Yucca aloifolia Spanish Bayonet Yucca filamentosa Yucca, Adam's Needle

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

## STORAGE AND DISPOSAL

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

#### Pesticide Storage

Store in a cool, dry place. Keep container closed and away from food, feedstuffs, and domestic water supplies.

#### Pesticide Disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

#### **Container Handling**

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### Pesticide Disposal and Container Handling [Household/Residential]

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Award® and Barricade® are registered trademarks of a Syngenta Group Company.



Distributed and Guaranteed By Eau Claire Co-op Oil Co. P.O. Box 837, Eau Claire, WI 54702

www.ecgrow.com