STATE OF HAWAII
Department of Agriculture

ACCEPTED

LICENSE NO. 9554.116
Disc.

GORDON'S PROFESSIONAL
TURF & ORNAMENTAL PRODUCTS

BLADE™

SELECTIVE HERBICIDE
For Turfgrass

ACTIVE INGREDIENT:
Metsulfuron Methyl
Methyl 2-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl] amino]sulfonyl]benzoate 60%
INERT INGREDIENTS: 40%
TOTAL 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET WEIGHT: 2 OZ.

0 70251 53686 3

536/10-2008 AP042204
EPA REG. NO. 66222-164-2217
EPA EST. NO. 37429-GA-1

DISTRIBUTED BY
PBI/GORDON CORPORATION
1217 WEST 12TH STREET
KANSAS CITY, MISSOURI 64101
www.pbigordon.com

Full Directions For Use are attached to the Enclosed Containers.

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170.

Refer to supplemental labeling entitled AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section of the labeling for information about this standard.

BLADE™ is a trademark of PBI/Gordon Corporation.

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An Employee-Owned Company

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GORDON'S PROFESSIONAL TURF & ORNAMENTAL PRODUCTS

BLADE™

SELECTIVE HERBICIDE
For Turfgrass

Recommended For Use By Professional Turfgrass Managers

- **Effectively controls Bahiagrass in established Bermudagrass areas.**
- **Postemergent applications at low use rates provide control of a wide range of broadleaf weeds and certain grasses including Foxtail and Ryegrass.**

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CAUTION

See additional Precautionary Statements and Directions for Use below

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Questions?
Call 1-800-821-7925

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Shoes plus socks
- Chemical resistant (category A) gloves such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

DO NOT USE ON FOOD OR FEED CROPS. Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply BLADE™ SELECTIVE HERBICIDE (except as recommended) or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

When overseeding, wait 2 months (8 weeks) after application. Do not apply to any body of water, including streams, irrigation water or wells. Do not apply where runoff water may flow onto agricultural land, as injury to crops may result.

Do not allow spray drift onto adjacent crops or other desirable plants or trees as injury may occur.

Follow these practices to minimize drift:
- Stop spraying if wind speed becomes excessive. Spray drift can occur at wind speeds less than 10 MPH. If sensitive plants are downwind, extreme caution must be used. Do not spray if winds are gusty.
- High temperatures, drought and low relative humidity increase the possibility of harmful spray drift. Caution must be used when these conditions are present and sensitive plants are nearby.
- Use large droplet size sprays to minimize drift.
- Use spray pressures of 35 psi or less when applying this product.

HOW TO USE

Use spray volumes of 20 to 80 gal./acre and pressures of 25 to 35 psi at the following rates of BLADE™ SELECTIVE HERBICIDE from the weeds listed below:

0.125 TO 0.25 OZ. PRODUCT/ACRE
Ryegrass (Greens)

0.25 TO 0.33 OZ. PRODUCT/ACRE
Bittercress
Blue mustard
Bur buttercup
Chickweed
Chicory
Clover (white)
Creeping beggarweed
Dandelion
Field pennycress
Ground ivy (fall)
Parsley-piert
Prostrate spurge
Redstem filaree
Spurweed
Wild carrot

0.33 TO 0.5 OZ. PRODUCT/ACRE
Annual sowthistle
Aster
Carolina geranium
Common yarrow
Crown vetch
Florida betony
Ground ivy (spring*)
Henbit
Lambsquarters
Lespedeza
Miners lettuce
Plantain
Prickly lettuce
Ragweed
Redroot pigweed
Ryegrass (fairways)
Seedling dogfennel
Shepherdspurse
Smallseed falseflax
Smooth pigweed
Sweet clover
Tansy mustard
Treacle mustard
Tumble mustard
Wild celery
Wild garlic
Wild lettuce
Wild onion
Woodsorrel (oxalis)

0.25 TO 0.75 OZ. PRODUCT/ACRE
Bahiagrass*

0.5 TO 1.0 OZ. PRODUCT/ACRE
Brazil pusley
Buckhorn plantain
Canada thistle**
Common groundsel
Common purslane
Common sunflower
Crabgrass
Curly dock
Dogfennel
Dollarweed*
Florida pusley
Foxtail
Hoary cress (whitetop)
Kochia
Pennsylvania smartweed
Plantain
Prostrate knotweed
Sida (southern)
Virginia buttonweed***
Wild mustard

*A repeat application may be required in 4 to 6 weeks
**Suppression only involving a visual reduction in competition compared to an untreated area.
***Controls seedling Virginia buttonweed. Suppression only of more mature plants. Repeat application may be required in 4 to 6 weeks.

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.

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	• 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **For medical emergencies involving this product, call 1-800-308-5391 day or night.**

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff water may flow during periods of intense rainfall or to water saturated soils, as off-target movement and injury may occur. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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, decontaminations, 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 4 hours.

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; shoes; socks; and chemical resistant (category A) gloves such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber.

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 treated areas without protective clothing until sprays have dried.

The required amount of BLADE™ SELECTIVE HERBICIDE should be added when the spray tank is one-half full of water; then with agitator running, add the proper amount of product. Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension.

Spray preparations of this product may degrade in acid solutions if not used in 24 hours; it is stable in alkaline solutions. Thoroughly re-agitate before using.

Tank mixes with other registered herbicides should be tested for compatibility before full scale mixing. Use mechanical or bypass agitation to thoroughly mix the spray suspension. It is not necessary to premix this product with water in a separate container prior to adding it to the spray tank. This product should always be added to the tank first, before any other herbicides or adjuvants.

Kentucky Bluegrass and Fine Fescue: Apply 0.25 to 0.5 oz of BLADE™ SELECTIVE HERBICIDE per acre for control of the listed weeds. Do not exceed a total of 0.5 oz per acre within a 9-month period.

St. Augustinegrass, Bermudagrass and Zoysiagrass (Meyer and Emerald): Apply 0.25 to 1.0 oz of BLADE™ SELECTIVE HERBICIDE per acre for weed control. Some chlorosis or stunting of the turfgrass may occur following application.

Bahiagrass Control: For the selective control of bahiagrass in bermudagrass turf, use 0.25 to 0.75 oz of BLADE™ SELECTIVE HERBICIDE per acre. Use the higher rates of the range on Argentine, Common and Paraguayan Bahiagrass. Apply a repeat treatment in 4 to 6 weeks if necessary. Some chlorosis or stunting of the bermudagrass may occur following the application.

Centipedegrass: Apply 0.25 to 0.5 oz. of this product per acre for weed control. Some chlorosis or stunting of the turfgrass may occur following the application.

IMPORTANT: Addition of a nonionic surfactant of at least 80% active ingredient at 0.25 percent by volume (1 qt./100 gal.) provides maximum performance, but may temporarily increase chlorosis of the turf.

Allow one week between the application of BLADE™ SELECTIVE HERBICIDE and other pesticide products. (This guideline can be relaxed where a severe insect or disease attack requires immediate treatment.)

RECOMMENDED SPRAYER CLEANUP

Immediately after spraying, thoroughly remove all traces of BLADE™ SELECTIVE HERBICIDE from mixing and spray equipment as follows:

1) Drain tank, rinse interior surface of tank, then flush tank, boom and hoses with clean water for a minimum of 5 minutes.
2) Fill the tank with clean water, then add an ammonia cleaning solution. Use one gallon ammonia (containing 3% active) per 100 gallons of water. Turn on sprayer long enough to flush through boom, hoses and nozzles. Stop spraying, but keep agitator working in the tank for 15 minutes, then drain.
3) Repeat Step 2
4) Repeat Step 1
5) Nozzles and screens should then be removed and cleaned separately. To remove traces of cleaning solution, rinse the tank thoroughly with clean water and flush through hoses and boom.
6) Flush boom and hoses with clean water for 5 minutes just prior to using the sprayer for the first time after the BLADE™ SELECTIVE HERBICIDE application.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers of fertilizers, seeds, or other pesticides. Do not contaminate water, food or feed by storage or disposal.

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: Triple rinse (or equivalent), adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by burning, if allowed by State and local authorities. If burned, stay out of smoke.

In case of chemical spill, call 1-800-424-9300.

BLADE™ SELECTIVE HERBICIDE FOR TURFGRASS is for use on ornamental turf, such as lawns, parks, cemeteries, golf courses (fairways, aprons, tees and roughs) and similar non-crop areas. This product may also be used on sod farms.

Controls the following perennial and annual weedy grasses:

Bahiagrass	Foxtail	Ryegrass

Controls the following broadleaf (dicot) weeds:

Annual sowthistle	Curly dock	Redroot pigweed
Aster	Dandelion	Redstem filaree
Bittercress	Dogfennel	Shepherdspurse
Blue mustard	False chamomile	Smallseed flaxweed
Buckhorn	Fiddleneck tarweed	Smooth pigweed
Bur buttercup	Field pennycress	Spurge (prostrate)
Canada thistle	Flixweed	Sweet clover
Chicory	Goldenrod	Tansy mustard
Clover (white)	Henbit	Treacle mustard
Common chickweed	Hoary cress (whitetop)	Tumble mustard
Common groundsel	Kochia	Virginia buttonweed
Common mullein	Lambsquarters	Wild carrot
Common purslane	Miners lettuce	Wild celery
Common sunflower	Pennsylvania smartweed	Wild lettuce
Common yarrow	Plantain	Wild mustard
Conical catchfly	Prickly lettuce	Wild onion
Cow cockle	Prostrate knotweed	Wood sorrel (oxalis)
Crown vetch		

For use only on Kentucky Bluegrass, fine Fescue, Bermudagrass, St. Augustinegrass, Zoysiagrass (Meyer and Emerald) and Centipedegrass turf areas.

USE PRECAUTIONS

Use lowest rates for minimum chlorosis of the turf.

Do not apply BLADE™ SELECTIVE HERBICIDE to turf under stress from drought, insects, disease, cold temperatures, high temperatures of above 85°F on cool season grasses, or poor fertility as injury may result.

Do not apply to turf less than 1 year old.

Do not use on Bahiagrass where it is the desired turf, as severe injury to turf may result.

Do not plant ornamentals such as shrubs and trees in treated areas for at least 1 year after the last application, or bedding plants for at least 2 years.

IMPORTANT
Addition of a nonionic surfactant of at least 80% active ingredient at 0.25 percent by volume (1 qt./100 gal.) provides maximum performance, but may temporarily increase chlorosis of the turf.

Allow one week between the application of BLADE™ SELECTIVE HERBICIDE and other pesticide products. (This guideline can be relaxed where severe insect or disease attack requires immediate treatment).

NOTICE OF WARRANTY

IMPORTANT: Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY

Upon purchase or use of this product, purchaser and user agree to the following terms:

Warranty: The manufacturer warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. The Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose; no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. All such risks are assumed by the user. Any action with respect to this product shall be brought exclusively in the state or federal courts located in Tennessee.

Limitation of Liability: The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. Under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income, and any such claims are hereby waived. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

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