



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 8, 2015

Nestor Algarin  
Dow AgroScience LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Subject: Label Amendment – Label changes based on EPA stamped accepted labels  
Product Name: Dimension 0.15% FG  
EPA Registration Number: 62719-504  
Application Date: February 26, 2015  
Decision Number: 502497

Dear Mr. Algarin:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

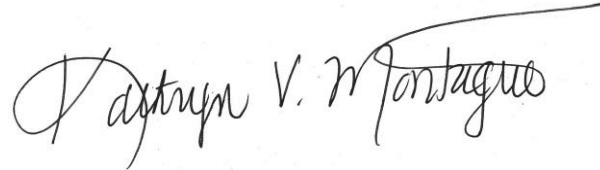
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Grant Rowland by phone at 703-347-0254 or via email at [Rowland.Grant@epa.gov](mailto:Rowland.Grant@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Kathryn V. Montague". The signature is written in a cursive style with a long, sweeping horizontal line extending from the end of the name.

Kathryn V. Montague, Product Manager 23  
Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# Dimension<sup>®</sup> 0.15% FG

EPA Reg. No. 62719-504

**This master label consists of separate, self-contained sub labels for professional use and residential use, respectively.**

## Registration Notes:

**Note:** this version contains additional revision per EPA email from Dominique Schuler dated May 26, 2015 and discussed with B. Wendelburg, M. Council, and J. Hughes. The following changes were made:

### Sub Label A:

1. Moved the First Aid section above the fertilizer Optional Label Claims section.
2. Changed “many Other” to “other listed” on the following fertilizer claim: “A Selective Preemergent Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and many Other Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.”
3. Added the following sentence to first paragraph under Use Precautions for Turf: Sweep any product that lands on the driveway, sidewalk, or street back onto lawn and garden.
4. Renamed the Other Use Precautions section Use Restrictions.
5. Changed “a few days” to “2 to 3 days” in first bullet point under the Tips for Improved Weed Control section to bring clarity to the statement.
6. Added “Do not apply” before “more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications” and made it into a new bullet point under Maximum Use Rates section. Also deleted the word “or”.
7. Deleted “recommendations” and added the letter “s” after rate under Spring Application section.
8. Deleted the word “Recommended” in Table 1 title.
9. Added “Do not apply” before “more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications” and made it into a new bullet point under Maximum Use Rates section. Also deleted the word “or”.
10. Divided the Use Precautions into Use Precautions and Use Restrictions distinct sections.

### Sub Label B:

1. Deleted “many” and added “listed” on product description section.
2. Moved the First Aid section above the fertilizer Optional Label Claims section.
3. Changed “many Other” to “other listed” on the following fertilizer claim: “A Selective Preemergent Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and many Other Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.”
4. Renamed the Other Use Precautions section Use Restrictions.
5. Deleted the word “Recommended” from table titled Recommended Use Rates.
6. Added “Do not apply” before “more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively)” and made it into a new bullet point under Maximum Use Rates section.
7. Deleted the word “recommended” from first paragraph under the Application Instructions and Equipment section.
8. Added “Do not apply” before “more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively)” and made it into a new bullet point under Maximum Use Rates section.
9. Divided the Use Precautions into Use Precautions and Use Restrictions distinct sections.

**Source label text** based on EPA accepted label dated March 24, 2003 and notifications dated August 28, 2013, June 27, 2005, March 26, 2009 and non-notification August 16, 2010 and September 26, 2014. Following are changes by amendment:

Sub Label A:

1. Added minimum lb/acre per year language for the State of New York.
2. Added crop grouping table and MOA/Resistance Management language.
3. Updated Guaranteed Fertilizer Analysis list, footnotes and Derived From section.
4. Updated fertilizer Optional Label Claims.
5. Added the signal word CAUTION after Hazards to Human and Domestic Animals.
6. Added the following note under Application Instruction and Equipment: [Editor's note: With available data Supplemental Distributor may add the following statement.] These settings were calibrated and field tested. However, age, condition of spreader speed of operations and evenness of terrain may require slightly different settings for desired coverage.
7. Updated the Spreader Calibration Settings table.

Sub Label B:

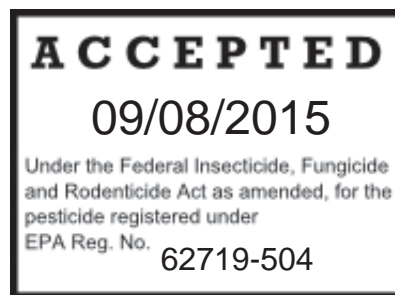
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7. Updated the Spreader Calibration Settings table.

® Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

[Sub Label A: Commercial Use]

[Front Panel of Bag]

**Dimension<sup>®</sup> 0.15% FG**  
**TURF AND ORNAMENTAL HERBICIDE**



**For season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs and tee boxes.**

Covers up to XX,000 sq ft (XXX' x XX')  
 and/or  
 This bag covers XX,000 sq ft

- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or 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 courses or lawns.

*In the state of New York, this product may be applied only by commercial applicators at a minimum of 127 lb (0.19 lb active ingredient) per application and no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.*

<b>GROUP</b>	<b>3</b>	<b>HERBICIDE</b>
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Active Ingredient

dithiopyr: 3,5- pyridinedicarbothioic acid, 2-(difluoromethyl)- 4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester .....	0.15%
Other Ingredients.....	99.85%
Total .....	100.00%

This product contains 0.075 pound of the active ingredient dithiopyr per 50 pound bag.

**Guaranteed Fertilizer Analysis: XX-XX-XX<sup>†</sup>**

Water-Insoluble Nitrogen* .....	XX%
Total Nitrogen (N) .....	XX%
Ammoniacal Nitrogen .....	XX%
Nitrate Nitrogen .....	XX%
Urea Nitrogen** .....	XX%
Other Water Soluble Nitrogen .....	XX%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%
Calcium (Ca) .....	XX%
Magnesium (Mg) .....	XX%
Copper (Cu).....	XX%
Iron (Fe).....	XX%
Manganese (Mn) .....	XX%
Zinc (Zn) .....	XX%

Sulfur/Combined Sulfur (S)<sup>\*\*\*</sup> ..... XX%  
 Chlorine (Cl) Max ..... XX%

\*[XX]% Water insoluble nitrogen from biosolids.

\*\*[XX]% Slowly available nitrogen from [polymer/sulfur] coated urea

\*\*[XX]% Stabilized urea nitrogen with dicyandiamide and N-(n-butyl) thiophosphoric triamide

\*\*[XX]% Enhanced efficiency urea nitrogen with [partial calcium salt of maleic-itaconic copolymer/partial calcium salt of maleic-itaconic copolymer]

\*\*\*[XX]% Free Sulfur (S)

Derived From: [XX]<sup>†</sup>

Primary plant foods derived from: [XX]<sup>†</sup>

Secondary plant foods derived from [XX]<sup>†</sup>

Iron derived from: [XX]<sup>†</sup>

**[Editor's Note: the following information may be added in the boxes above, this footnote must be deleted from the label after completion of the above Fertilizer Analysis data]**

<sup>†</sup> Urea, methylene urea, sulfur coated urea, polymer coated urea, poly coated sulfur coated urea, urea formaldehyde, ammonium sulfate, corn gluten, bio-solids (Milorganite), diammonium phosphate, monoammonium phosphate, magnesium ammonium phosphate hexa-hydrate, triple super phosphate, ammoniated phosphates, sulfate of potash, muriate of potash, sulfate of potash-magnesia, potassium nitrate, copper oxide, copper sulfate, iron oxide, iron sucrate, iron/ferrous sulfate, manganese oxide, molybdc oxide, manganese sulfate, manganese sucrate, zinc oxide, zinc sulfate, sodium borate, boron, sulfur, or limestone.

**Keep Out of Reach of Children**

## CAUTION

### 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 inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, the give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Hot Line Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

### [Optional Label Claims]

**A Selective Preemergent Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and other listed Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.**

**Premium Granular Fertilizer - Providing the Nutrients Needed for Beautiful Healthy Lawn/Turfgrass and Ornamentals.**

**Contains Dimension<sup>®</sup> Herbicide - A Highly Effective Herbicide for Crabgrass Control!**

**Can Be Applied Up to 4 Weeks Later Than Other Preemergence Crabgrass Preventers.**

**This Bag Treats Up To \_\_\_\_\_ Square Feet**

**[Dimension<sup>®</sup>] Controls crabgrass and many other listed annual grasses and broadleaf weeds**

**Stops crabgrass even after germination**

**[Dimension<sup>®</sup>] This product will control crabgrass if applied before it emerges and up to 4 weeks after it emerges**

**Season-long crabgrass control**

**Prevents crabgrass & feeds [fertilize(s)] in one application**

**Prevents crabgrass and listed annual weeds and grasses**

**Control young crabgrass plants when applied according to labeled directions**

**Apply late summer and early fall to control LISTED winter weeds**

**Apply Early Spring [prior to crabgrass germination]**

**Apply Late Winter/Early Spring or Fall [Prior to Weed Germination]**

**First [1<sup>st</sup>] Application Apply Early Spring**

**Application One [1] Apply Early Spring**

**Apply Early Spring or Fall [to Get Control of Weeds Listed on this Label Other Than Crabgrass Apply Prior to Germination]**

**Controlled [Slow] release nitrogen for extended feeding**

**Quick Spring Green-Up following a Fall Application**

**Contains Iron for deep greening**

**Iron enriched [formula]**

**Deep greening [formula]**

**Slow release nitrogen feeds your lawn/turfgrass over [x] months. [Note: The “x” represents the amount of months the fertilizer feeds depending on what we use (i.e. methylene urea, PCSCU)]**

**Phosphorus [Phosphate] free [formula]**

**Zero Phosphorus**

**Rich Green Lawn/Turfgrass**

**Long-lasting Feeding**

**1<sup>st</sup> [First] Application Apply Early Spring**

**100% Satisfaction Guaranteed or Your Money Back!**

**Fortified with Milorganite [Note: Milorganite (logo/graphic) Need to move logo outside of label text (above product name, on side of label or below text)]**

**Contains Non-Burning, Slow-Release Nitrogen and Iron for Deep Greening**

**Contains Non-Burning Nitrogen**

**Contains Slow-Release Nitrogen**

**Formulated for Wisconsin**

**Controlled Release [Fertilizer] Technology feeds [lawn/turfgrass] for 2+ months**

**UFLEXX™ Stabilized Nitrogen**

**UFLEXX™ is a trademark of AGROTAIN International, LLC.**

**XX.X% Stabilized Nitrogen from UFLEXX™**

**UMAXX® Stabilized Nitrogen**

**UMAXX® is a registered trademark of AGROTAIN International, LLC.**

**XX.X% Stabilized Nitrogen from UMAXX®**

**NutriSmart®**

***NutriSmart* is a registered Trademark of CK Life Science**

**Contains SCU [Sulfur Coated Urea]**

**NutriSphere-N® XXX – [The % Nutrisphere is indicated by the number built into the logo and can range from 25 to 100.]**

**NutriSphere-N is a registered trademark of Specialty Fertilizer Products**

**Avail®**

**Avail is a registered trademark of Specialty Fertilizer Products**

**N-Sure®**

**N-Sure is a registered trademark of Tessengerlo Kerley**

**with XCU®**

**XCU is registered trademark of Agrium**

**Apex-10™ Specialty Nutritionals**

**Crystal Green® slow-release nutrient technology**

**Crystal Green is a registered trademark of Ostara Nutrient Recovery Technologies**



**Agrotain® Ultra**

**Agrotain is a registered trademark of Koch Agronomic Services**

**RXN XXX – [The % RxN (Agrotain Ultra) is indicated by the number built into the logo and can range from 20 to 100.]**

**STN XXX – [The % STN is indicated by the number built into the logo and can range from 25 to 100]**

**STU [Agrotain Ultra]**

**Growing a Better World [Harrell's Private Labels Only]**

**Regain [Spring Valley Labels Only]**

**MESA® Patented [Lebanon Seaboard Private Labels Only]**

**Meth-Ex® [Lebanon Seaboard Private Labels Only]**

**Expo potassium sulfate [Lebanon Seaboard Private Labels Only]**

**With LSN – LebanonTurf Stabilized Nitrogen [Lebanon Seaboard Private Labels Only]**

**Green-Smart Technology [Lebanon Seaboard Private Labels Only]**

**Enhanced efficiency fertilizer GreenSmart for a Green Lawn/Turfgrass [Lebanon Seaboard Private Labels Only]**

**Contains LESCO® Poly Plus® Polymer Coated Urea to provide uniform growth with extended nitrogen feeding. Poly Plus is comprised of Polymer Coated Urea. [John Deere Landscapes/LESCO Private Labels Only]**

**LESCO and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC. [John Deere Landscapes/LESCO Private Labels Only]**

**Nutriline fertilizer technology**

**Wolf Trax DDP (Dispersable Dry Powder) Fe (Iron) Mn (Manganese), Zn (Zinc) Micronutrients**

**Professional Turf Grade/Premium Turf Grade/Mini Fairway Grade: Size Guide Number SGN XXX [The text box may have any combination of SGNs listed within the box. 80, 100, 145, 150, 195, 200, 210, 220, 230]**

**Duration XXX – Average nutrient release XXX days [The text box below may have any combination of the % Durations listed within the box. Duration 180 - Duration 120 - Duration 90 - Duration 45]**

**If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://www.aafco.org/metals.htm>.**

**Information regarding the contents and levels of metals in this product is available on the Internet at:**

- <http://www.cdfa.ca.gov/egov/is/fert/>

- [http://www.oda.state.or.us/dbs/heavy\\_metal/search.lasso](http://www.oda.state.or.us/dbs/heavy_metal/search.lasso)
- <http://www.agr.wa.gov/PestFert/Fertilizers/ProductDatabase.aspx>

It is a violation of law in Maryland and New Jersey to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq.ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply. [Maryland or New Jersey Applications]

No more than 0.7 lb per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (warm season grasses) per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30 day period. [Virginia Applications]

Do not apply near water storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn and garden. [Maryland Applications]

This fertilizer contains phosphorus and may not be used on turf in the state of Maryland except when 1) providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that was conducted by a laboratory identified under §8-803.7 of the Agriculture Article, Annotated Code of Maryland, performed no more than 3 years before the application; 2) establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the recommended application rates established by the State; or 3) reestablishing or repairing a turf area. [Maryland Applications which contain Phosphorus] Not for use on established lawns or grass in MD. [If phos >5% and is not classified as a "starter" fertilizer]

In Virginia this lawn/turf fertilizer contains phosphorous and is only for nonagricultural use on (i) turf during its first growing season, (ii) on turf areas being repaired or renovated, and (iii) on turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not for the routine maintenance of turf. [Virginia Applications which contain Phosphorus]

Note: Supplemental applications of fertilizer are needed to achieve a minimum 1lb Nitrogen per 1,000 sq ft.

**Maximize your lawn/turfgrass**

**Stein Policy - 100% Satisfaction Guaranteed -** If for any reason you are not satisfied with the results after using this premium product, you are entitled to replacement bags of fertilizer or your money back. Simply bring proof of purchase to any Stein Garden Center. [EC Grow Private Labels Only]

If, after using this product, you are dissatisfied with the results, simply mail the sales receipt, a brief description of the problem and your contact information to the address listed below for a refund of the purchase price of the product. EC Grow • PO Box 837 • Eau Claire, WI 54702 [EC Grow Private Labels Only]

If you have questions or comments regarding the quality of this product, please write to Turf Care Supply Corp. at the address below, or call Customer Service at 877-220-1014 between the hours of 9 A.M. and 5 P.M., Eastern Time, Monday through Friday. Please refer to the item number found on this bag when writing or calling. [Turf Care Supply Private Labels Only]

**This product contains polymer-coated Enhanced Efficiency Fertilizer technology. As your lawn/turfgrass demands nutrients, nitrogen is released slowly into the soil for plant root uptake. This controlled-release approach eliminates surge growth and provides predictable feeding for over two months. All Menards Premium fertilizer products contain Enhanced Efficiency Fertilizer which ensures consistent feeding, deep greening, and promotes overall lawn/turfgrass health.**

**Made in USA**

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## **Precautionary Statements**

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### **Hazards to Humans and Domestic Animals**

## **CAUTION**

**Causes Eye Irritation • Harmful If Inhaled**

**Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.**

### **Environmental Hazards**

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. 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 when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

**Refer to back of bag for Directions for Use including Storage and Disposal.**

**Notice:** Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of Directions for Use. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-504

EPA Est. \_\_\_\_\_

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

**Produced for  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268**

**NET WEIGHT \_\_\_\_\_**

[Back Panel of Bag]

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## Directions for Use

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

### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area.

**Pesticide Disposal:** Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. 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.

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## Use Directions for Turf

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Dimension<sup>®</sup> 0.15% FG turf and ornamental herbicide provides season-long control of crabgrass and control or suppression of other listed annual grasses and broadleaf weeds in established lawns and ornamental turfs, including golf course fairways, roughs, and tee boxes. When used according to label directions, this product will not harm nearby established ornamentals identified as "Tolerant Ornamentals" elsewhere in this label.

### Use Precautions for Turf

This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well-established. Initial application of this product should be made only after turfgrasses have developed a vigorous root system, a uniform stand, and have received at least two mowings following seeding, sodding, or sprigging. Use of this product on turfgrasses that are not well-established, or weakened by stress from weather, pests, disease, chemical, or mechanical influences, may increase the chances of turf injury. Sweep any product that lands on the driveway, sidewalk, or street back onto lawn and garden.

**[Editor's note: Supplemental distributor will add one of the following statements as appropriate if their product is registered in the state of Florida.]**

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] applications per year on bahiagrass in [central Florida] [the south]. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [3] [4] [5] applications per year on bermudagrass in the north. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on bermudagrass in central Florida. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [5] [6] [7] applications per year on bermudagrass in the south Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.

- Florida Applications: Do not exceed [1] [2] applications per year on centipedegrass in the north Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] applications per year on centipedegrass in [central Florida] [the south]. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] applications per year on St. Augustinegrass in the north. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [2] [3] [4] [5] applications per year on St. Augustinegrass in central Florida. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on St. Augustinegrass in the south. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [3] [4] [5] applications per year on zoysiagrass in the north. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [3] [4] [5] [6] applications per year on zoysiagrass in central Florida. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: Do not exceed [4] [5] [6] applications per year on zoysiagrass in the south. Do not apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application or more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- Florida Applications: For application to sports turf (non-agricultural land planted exclusively for golf courses, parks and athletic fields), follow “SL191, ‘Recommendations for N, P, K and Mg for Golf Course & Athletic Field Fertilization Base on Mehlich I Extractant’” available at <http://edis.ifas.ufl.edu/SS404>, or “BMP’s for Enhancement of Environmental Quality on Florida’s Golf Courses” available at <http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf>.
- Florida Applications: For application to urban turf (non-agricultural land planted in closely mowed, managed grasses except golf courses, parks and athletic fields), follow “Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries” available at [http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP\\_Book\\_final.pdf](http://www.dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP_Book_final.pdf).

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

<b>Cool-Season Grasses</b>	
bentgrass, creeping <sup>†</sup>	<i>Agrostis palustris</i>
bluegrass, Kentucky	<i>Poa pratensis</i>
fescue, fine <sup>††</sup>	<i>Festuca rubra</i>
fescue, tall	<i>Festuca arundinacea</i>
ryegrass, perennial	<i>Lolium perenne</i>
<b>Warm-Season Grasses</b>	
bahiagrass	<i>Paspalum notatum</i>
bermudagrass	<i>Cynodon dactylon</i>
buffalograss <sup>†††</sup>	<i>Buchloe dactyloides</i>
carpetgrass	<i>Axonopus affinis</i>

centipedegrass	<i>Eremochloa ophiuroides</i>
kikuyugrass	<i>Pennisetum clandestinum</i>
St. Augustinegrass	<i>Stenotaphrum secundatum</i>
zoysiagrass	<i>Zoysia japonica</i>

<sup>†</sup> Use of this product on certain varieties of creeping bentgrass, such as 'cohansey', 'carmen', seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested. **Do not** apply this product to colonial bentgrass (*Agrostis tenuis*).

<sup>††</sup> Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'atlanta', 'banner', 'beauty', 'bilgart', 'CF-2', 'enjoy', 'HF-93', 'highlight', 'ivalo', 'Jamestown', 'koket', 'majenta', 'mary', pennlawn', 'tamara', 'tatjana', 'waldorf', and 'wWaldina'. Not all varieties of fine fescue have been tested.

<sup>†††</sup> **Do not** use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

**Note:** It is not possible to evaluate all turfgrass varieties for tolerance to this product. It is suggested that the user evaluate the response of turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

#### Precautions for Reseeding, Overseeding, or Sprigging

- Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 7.7 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses.
- When reseeding or overseeding, follow established cultural practices for seedbed preparation, seeding, irrigation and fertilization.
- For best overseeding results, use mechanical or power seeding equipment (slit seeders) designed to provide good contact between soil and seed.

#### Precautions for Control of Crabgrass

Early postemergence weed control with this product is limited to crabgrass. Postemergence application effectively controls crabgrass, but only if application is made prior to the 3-leaf stage of growth or first tiller. For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. **Do not** apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

#### Use Restrictions

- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** allow people or pets to enter treated area until dust has settled.
- **Do not** graze livestock or feed forage cut from areas treated with this product.

#### Application Directions for Turf

##### Tips for Improved Weed Control

- For best results, apply this product within 2 to 3 days after mowing and delay mowing again for 2 to 3 days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.
- Use of split (half-rate) applications spaced 5 - 10 weeks apart may provide improved weed control.

##### Maximum Use Rates (Applies to all Turfgrass Uses)

- **Do not** apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application.
- **Do not** apply more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.



- In the state of New York, this product may be applied only by commercial applicators at no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

## Control of Crabgrass

### Preemergence and Early Postemergence Control

- This product provides "preemergence" control of crabgrass in established turfgrasses (including the large, smooth, and southern species) when applied prior to germination and emergence of crabgrass.
- This product also provides "early postemergence" control of crabgrass if applied prior to the 3-leaf stage of growth or first tiller as described below. This stage of growth generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. The practical benefit of early postemergence crabgrass control is a 2 - 4 week longer period of time (window of application) during which crabgrass control can be achieved.

### Application Frequency and Timing

This product may be applied as a single application, as a split application, or as a sequential application for crabgrass control in the spring, summer, or fall as described in the following use programs.

#### Spring Applications.

For applications made in the spring or early summer, use an appropriate application rate corresponding to one of the three control programs listed in Table 1. Specific rates are based on the user's location (Region), the mowing height of the turfgrass, and whether the application timing is considered to be preemergence or early postemergence. The duration of residual weed control provided by this product is directly related to application rate, but will vary somewhat depending on weather, weed pressure, turfgrass competitiveness, and the user's location within a region.

**Use Program 1** for preemergence control at sites where turfgrass is cut relatively high (e.g., homeowner lawns). This program provides 3 - 5 months of preemergence crabgrass control. This program will also provide early postemergence control of crabgrass up to the 3-leaf stage or first tiller at sites where turfgrass is cut relatively high (e.g., homeowner lawns).

**Use Program 2** for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways), and (b) turfgrass maintenance or weed control has been conducted during the previous year. This program provides 4 - 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the 3-leaf stage or first tiller at sites where turfgrass is cut relatively high (e.g., residential lawns).

**Use Program 3** for preemergence control at sites where (a) turfgrass is cut relatively low (e.g., golf fairways) and (b) turf maintenance or weed control has not been conducted during the previous year. This program provides 4 - 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the 3-leaf stage or first tiller at sites where turfgrass is cut relatively low (e.g., golf fairways).

**Table 1 Use Rates**

Region	Application Rates	<u>Program 1</u>	<u>Program 2</u>	<u>Program 3</u>
<b>All states, except NY, and parts of states not included in transition, south, coastal south or west.</b>	lb/acre	127	167	253
	lb/1000 sq ft	2.9	3.8	5.8
	lb ai/acre	0.19	0.25	0.38
<b>Transition: DE, KS, KY, MD, MO, NJ, VA, southeastern PA,</b>	lb/acre	167	253	333
	lb/1000 sq ft	3.8	5.8	7.7

southern areas of IL, IN, OH, & coastal areas of CT, & RI	lb ai/acre	0.25	0.38	0.5
<b>South:</b> AL, AR, GA, LA, MS, NC, NM, OK, SC, TN, & TX	lb/acre	253	167 + 167	207 + 207
	lb/1000 sq ft	5.8	3.8 + 3.8 <sup>†</sup>	4.7 + 4.7 <sup>†</sup>
	lb ai/acre	0.38	0.25 + 0.25	0.31 + 0.31
<b>Coastal South:</b> HI, FL, & southern coastal areas of AL, GA, LA, MS, NC, SC, & TX	lb/acre	167 + 167	207 + 207	253 + 253
	lb/1000 sq ft	3.8 + 3.8 <sup>†</sup>	4.7 + 4.7 <sup>†</sup>	5.8 + 5.8 <sup>†</sup>
	lb ai/acre	0.25 + 0.25	0.31 + 0.31	0.38 + 0.38
<b>West:</b> AZ, CA, & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	lb/acre	127 + 167	167 + 253	167 + 167
	lb/1000 sq ft	2.9 + 3.8	3.8 + 5.8	3.8 + 3.8 <sup>†</sup>
	lb ai/acre	0.19 + 0.25	0.25 + 0.38	0.25 + 0.25

<sup>†</sup> Split applications may be made 5 - 10 weeks apart.

**Use of Split or Sequential Applications:** Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. Split applications may be made with the rates in Table 1 being split between two applications made 5-10 weeks apart. Where longer periods of control are required, sequential applications may be made in late summer or fall following a spring application or in the spring following a fall application, provided the maximum application rate per year is not exceeded. Refer to the "Maximum Use Rates" section above and separate rate restrictions for the state of New York.

### Fall Applications.

This product can also be applied in the late summer through early fall (late August through November) at use rates listed in Table 1 for "Program 3" to provide control of crabgrass through the early part of the next spring. Fall application of this product may be followed by an appropriately timed application in the following spring for season-long control of crabgrass.

## Weeds Controlled or Suppressed

### Spring Applications

When applied preemergence (prior to germination) for control of crabgrass in the spring, this product will also control or suppress the following weeds at application rates given in the Table 1 above:

#### Grasses

barley	<i>Hordeum</i> spp.
barnyardgrass	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
brome	<i>Bromus</i> spp.
crabgrass, large	<i>Digitaria sanguinalis</i>
crabgrass, smooth	<i>Digitaria ischaemum</i>
crabgrass, Southern	<i>Digitaria ciliaris</i>
crowfootgrass <sup>†</sup>	<i>Dactyloctenium aegyptium</i>
dallisgrass (seedling)	<i>Paspalum dilatatum</i>
goosegrass	<i>Eleusine indica</i>
foxtail, green	<i>Setaria verdi</i>
foxtail, yellow	<i>Setaria faberi</i>
kikuyugrass <sup>†</sup>	<i>Pennisetum clandestinum</i>
oats, wild	<i>Avena fatua</i>
ryegrass	<i>Lolium</i> spp.
(annual & perennial)	
sandbur	<i>Cenchrus</i> spp.
smutgrass	<i>Sporobolus indicus</i>



**Broadleaf Weeds**

bittercress †	<i>Cardamine</i> spp.
carpetweed	<i>Mollugo verticillata</i>
chickweed †	<i>Stellaria</i> spp.
geranium, Carolina †	<i>Geranium carolinianum</i>
henbit	<i>Lamium</i> spp.
knotweed, prostrate	<i>Polygonum aviculare</i>
lespedeza, common †	<i>Lespedeza striata</i>
marestail	<i>Conyza canadensis</i>
medic, black	<i>Medicago lupulina</i>
mustard	<i>Brassica</i> spp.
oxalis, buttercup	<i>Oxalis pes-caprae</i>
pineappleweed †	<i>Matricaria matricarioides</i>
pigweed, redroot	<i>Amaranthus retroflexus</i>
parsley-piert †	<i>Alchemilla arvensis</i>
purslane, common	<i>Portulaca oleracea</i>
rocket, London	<i>Sisymbrium irio</i>
shepherdspurse	<i>Capsella bursa-pastoris</i>
speedwell, corn †	<i>Veronica arvensis</i>
spurge, garden	<i>Euphorbia hirta</i>
spurge, prostrate	<i>Euphorbia humistrata</i>
spurge, spotted	<i>Euphorbia maculata</i>
woodsorrel, creeping	<i>Oxalis corniculata</i>
woodsorrel, yellow	<i>Oxalis stricta</i>

† Suppression only

**Fall Applications**

When applied preemergence (prior to germination) in late summer through early fall (late August through November) this product will control or suppress the following weeds in addition to providing preemergence control of crabgrass in the following spring.

bluegrass, annual	<i>Poa annua</i>
bittercress	<i>Cardamine</i> spp.
chickweed	<i>Stellaria</i> spp.
henbit	<i>Lamium</i> spp.
geranium, Carolina	<i>Geranium carolinianum</i>
parsley-piert	<i>Alchemilla arvensis</i>
pineappleweed	<i>Matricaria matricarioides</i>
shepherdspurse	<i>Capsella bursa-pastoris</i>

**Weed Resistance Management**

Dithiopyr, the active ingredient in this product, is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants resistant to Group 3 herbicides. Resistant weeds may dominate the weed population if these herbicides are used repeatedly in the same field. Such resistant weed plants may not be effectively managed using Group 3 herbicides but may be effectively managed utilizing other herbicides alone or in mixtures from a different herbicide Groups that are labeled for control of these weeds and/or by using cultural or mechanical practices. However, a herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

**Best Management Practices**

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

## Application Instructions and Equipment

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the recommended application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

**[Editor's note: With available data Supplemental Distributor may add the following statement.]**  
**These settings were calibrated and field tested. However, age, condition of spreader speed of operations and evenness of terrain may require slightly different settings for desired coverage.**

Check equipment frequently to verify calibration and proper functioning.

**Editor's note: Supplemental Distributor may add a table listing recommended application equipment and calibration settings.]**

Brand and Model of Spreader	Application Rates	Calibration Settings at Specified Rate					
		lb/1000 sq ft	2.9	XX	XX	XX	XX
	lb/acre	127	XX	XX	XX	XX	333
XXXXXXX		XX	XX	XX	XX	XX	XX

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## Use Directions for Landscape Ornamentals

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Dimension 0.15% FG provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. This product may be applied in ornamental gardens, parks, golf courses and residential areas where ornamental plants are grown for aesthetic purposes. Apply this product with a properly calibrated spreader that will provide uniform particle distribution. Follow instructions in the "Application Instructions and Equipment" section above.

## Use Rates

This product may be applied as a single application or split application. Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 5-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provided maximum application rates per year given below are not exceeded.

Pounds of Product/Acre	Pounds of Product/1000 sq ft	Pounds of Product/100 sq ft †
333	7.7	0.77 (12.3 oz)

† Rate based on an area of 100 sq ft for treatment of small areas.

#### Maximum Use Rates

- **Do not** apply more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per application.
- **Do not** apply more than 1000 lb (1.5 lb active ingredient) per acre (23.1 lb per 1000 sq ft) per year if using split or sequential applications.
- In the state of New York, this product may be applied only by commercial applicators at no more than 333 lb (0.5 lb active ingredient) per acre (7.7 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

#### Application Timing and Recommendations

Dimension 0.15% FG is effective as a preemergence herbicide, but will not control established weeds. Applications to mulched areas or bare ground must be made prior to weed seed germination. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Existing weedy vegetation may be controlled by hand weeding, cultivation or using postemergence herbicides prior to application.

#### Tips for Improved Weed Control

- The herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.
- Avoid disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

#### Use Precautions

- Apply this product only to established ornamentals.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove any herbicide granules adhering to foliage.

#### Use Restrictions

- **Do not** apply this product directly to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to soil around ornamental plants that are under stress resulting from drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides, or damage due to insects, nematodes or disease.
- **Do not** apply under conditions that would affect uniformity of application or distribution on the soil surface. Uneven product distribution will result in uneven weed control. Application under windy conditions can result in uneven distribution or cause herbicide granules to drift from the intended treatment area.
- **Do not** graze livestock or feed forage cut from areas treated with this product.

#### Weeds Controlled or Suppressed

Used as directed, Dimension 0.15% FG will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied prior to their germination. **Refer to "Use Directions for Turf" section for a complete listing of weeds controlled or suppressed.** This product will not control established broadleaf weeds or grasses, except for crabgrass in early stages of development. The area to be treated should be free of weeds prior to application.

## Tolerant Ornamentals

The ornamentals listed below have shown tolerance to this product when applied according to directions in this label. However, this product has not been tested on all ornamental species, all cultivars of species on this label, or under all possible growing conditions. For species or cultivars not listed, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

Common Name	Botanical Name	Tolerant Cultivars
abelia, dwarf	<i>Abelia X grandiflora</i>	nana
ajuga	<i>Ajuga reptans</i> <i>Ajuga genevensis</i>	bronze bronze beauty
almond, flowering	<i>Prunus glandulosa</i>	
apple <sup>†</sup>	<i>Malus pumila</i>	
arborvitae	<i>Thuja occidentalis</i>	nigra pyramidalis smaragh techny woodwardii
arborvitae, golden	<i>Thuja orientalis</i>	
aster, Chinese	<i>Callistephus chinensis</i>	dwarf queen
ash, green	<i>Fraxinus pennsylvanica</i>	
ash, mountain	<i>Sorbus aucuparia</i>	
ash, purple	<i>Fraxinus americana</i>	
azalea	<i>Rhododendron</i> spp.	brilliant buccaneer carror chimes (belgian) elsie lee exbury fashion hardijzer beauty hershey red higasa hinocrimson holland (hybrid) marion lee northern lights orange cup orchid lights snow southern charm
azalea, flame	<i>Rhododendron calendulaceum</i>	
azalea, kirishima		
bamboo, heavenly		
barberry	<i>Berberis thunbergii</i>	aurea dwarf pigmy green kobold pygmy red rose glow
barberry, purple		atropurpurea
basket flower	<i>Gaillardia grandiflora</i>	
bearberry (common)	<i>Arctostaphylos uva-ursi</i>	Massachusetts
bee balm	<i>Monarda didyma</i>	
begonia	<i>Begonia</i> spp.	
birch, river	<i>Betula nigra</i>	
blackeyed Susan	<i>Rudbeckia hirta</i>	goldstrum
blanket flower	<i>Gaillardia</i> spp.	

blueberry <sup>†</sup>	<i>Vaccinium</i> spp.	bluecrop blue jay jersey north blue northland
bottlebrush	<i>Callistemon citrinus</i>	
boxwood, Japanese		japonica
boxwood, weller	<i>Buxus sempervirens</i>	
broom	<i>Cytisus</i> spp.	moonlight
	<i>Genista pilosa</i>	Vancouver gold
bugle carpet		
camellia	<i>Camellia japonica</i>  <i>Camellia sasanqua</i>	debutante mathotiana supreme chansonette
candy tuft	<i>Iberis</i> spp.	snow white
carex, variegated	<i>Carex</i>	
cedar, red	<i>Juniperus virginiana</i>	
celosia	<i>Celosia</i> spp.	
centaura	<i>Centaurea montana</i>	
cockscomb, plumosa	<i>Celosia cristata</i>	scarlet plumosa
coleus	<i>Coleus blumei</i>	red kewpie
columbine	<i>Aquilegia</i> spp.	
copper leaf	<i>Acalypha wilkesiana</i>	
coreopsis	<i>Coreopsis</i> spp.	moonbeam
corn flower	<i>Centaurea</i> spp.	
cotoneaster	<i>Cotoneaster apiculatus</i>	
coyotebrush	<i>Baccharis pilularis</i>	
cycads	<i>Cycads revoluta</i>	
cypress, bald	<i>Taxodium distichum</i>	
cypress, Italian	<i>Cupressus sempervirens</i>	glauca
cypress, Japanese false	<i>Chamaecyparis obtusa</i>	gracilis
cypress, leyland	<i>Cupressocyparis leylandii</i>	
daffodil	<i>Narcissus</i> spp.	King Alfred
daylilly	<i>Hemerocallis</i> spp.	aztec gold bright yellow (hybrid) single gold (evergreen) wilsonis yellow
dianthus (sweet william)	<i>Dianthus</i> spp.	
delphinium	<i>Delphinium</i> spp.	magic fountain
dogwood	<i>Cornus florida</i>	
dogwood, American	<i>Cornus sericea</i>	flavarimaea
douglas fir	<i>Pseudotsuga menziesii</i>	
dusty miller	<i>Senecio cineraria</i>	
elm, drake	<i>Ulmus parvifolia</i>	
euonymus	<i>Euonymus fortunei</i>	argenteo-variegata auereo-marginata colorata emerald gaiety emerald en gold gold edge gold princess silver king tricolor vegetus
fan palm, European	<i>Chamaerops humilis</i>	
fan palm, Mexican	<i>Washingtonia robusta</i>	
fern (various)	<i>Asparagus</i> spp.	



	<i>Juniperus horizontalis</i>	blue star broadmoor buffalo Calgary carpet emerald sea emerald spreader endora compacta fruitlandi green gold tip hetzi hughes Manhattan blue parsoni pfitzeriana plumosa prince of Wales procumbens dwarf San Jose sargent blue sargent green scandia scopulorum moonglow scopulorum skyrocket spartan
	<i>Juniperus chinensis</i>	tamariscifolia
	<i>Juniperus sabina</i>	weberi youngstown yukon belle
king palm	<i>Archontophoenix cunninghamiana</i>	
laurel, Australian	<i>Pittosporum tobira</i>	
laurel, mountain	<i>Kalmia latifolia</i>	
leucothoe	<i>Leucothoe fontanesiana</i>	
ligustrum, Japanese	<i>Ligustrum japonicum</i>	
lily, African	<i>Agapanthus africanus</i>	albus Peter Pan
lily, African blue		
lily of the valley	<i>Pieris japonica</i>	Mt. Fire
lilyturf	<i>Liriope muscari</i>	evergreen giant lilac beauty majestic monroe white variegata
liriope, green	<i>Liriope spicata</i>	
maple, Japanese	<i>Acer japonicum</i>	
maple, Norway	<i>Acer platanoides</i>	
maple, red <sup>†</sup>	<i>Acer rubrum</i>	
maple, silver	<i>Acer saccharinum</i>	
maple sugar <sup>†</sup>	<i>Acer saccharum</i>	
marigold	<i>Tagetes patula</i>	honeycomb variegata wheeleris dwarf
mock orange <sup>†</sup>	<i>Philadelphus spp</i>	golden snowflake double white
mondo grass	<i>Ophiopogon japonicus</i>	
moss rose	<i>Portulaca grandiflora</i>	sunnyside
myrtle, crape	<i>Lagerstroemia indica</i>	faurei langer muskogee standard pink

myrtle, wax	<i>Myrica cerifera</i>	
nandina	<i>Nandina domestica</i>	compacta nana
narcissus	<i>Narcissus</i> spp.	
oak, laurel	<i>Quercus laurifolia</i>	
oak, pin	<i>Quercus palustris</i>	
oak, red	<i>Quercus rubra</i>	
oak, southern	<i>Quercus virginiana</i>	
oak, willow	<i>Quercus phellos</i>	
oleander	<i>Nerium oleander</i>	hardy red petite pink Sister Agnes
osteospermum	<i>Osteospermum fruticosum</i>	wiriligig
pachysandra	<i>Pachysandra terminalis</i>	
palm, bangalow		
pampas grass	<i>Cortaderia selloana</i>	
pansy	<i>Viola x wittrockiana</i>	
paper flower	<i>Bougainvillea glabra</i>	Barbara karst
peach †	<i>Prunus persica</i>	
periwinkle, dwarf	<i>Vinca minor</i>	
petunia	<i>Petunia X hybrida</i>	picoti
photinia, red tip	<i>Photinia X fraseri</i>	
pieris	<i>Pieris japonica</i>	
pine, Australian	<i>Pinus nigra</i>	
pine, Japanese black	<i>Pinus thunbergiana</i>	
pine, loblolly	<i>Pinus taeda</i>	
pine, longleaf	<i>Pinus palustris</i>	
pine, mugo	<i>Pinus mugho</i>	
pine, Scotch	<i>Pinus sylvestris</i>	
pine, slash	<i>Pinus elliotii</i>	
pine, Swiss mt.	<i>Pinus mugo</i>	
pine, Virginia	<i>Pinus virginiana</i>	
pine, white	<i>Pinus strobus</i>	
pineapple, guava †	<i>Feijoa sellowiana</i>	
pieris	<i>Pieris taiwanensis</i>	
pittosporum, Japan		
potentilla	<i>Potentilla nepalensis</i> <i>Potentilla fruticosa</i>	abbotswood
privet	<i>Ligustrum japonicum</i>	golden vicary regal texanum wax yellow tipped
privet, glossy	<i>Ligustrum lucidum</i>	
pyracantha	<i>Pyracantha koidzumii</i>	gnome lalandei victory
queen palm	<i>Arecastrum rammanzoffianum</i>	
quince, Japanese †		
rhododendron	<i>Rhododendron</i> spp	album Cunningham white fashion hardy pjm purple gem silvery pink
rhododendron, carolina	<i>Rhododendron carolinianum</i>	
rhododendron, catawba	<i>Rhododendron catawbiense</i>	



rockcress	<i>Arabis</i> spp.	snowcap
rhodie max (rosebay)	<i>Rhododendron maximum</i>	
rose †	<i>Rosa banksiae</i>	luta
rosemary †	<i>Rosmarinus officinalis</i>	
rosemary, bog	<i>Andromeda polifolia</i>	nana
salvia	<i>Salvia farinacea</i>	rhea
sedum	<i>Sedum spurium</i>	dragon blood red red carpet yellow
snapdragon	<i>Antirrhinum</i> spp.	
sourwood	<i>Oxydendrum arboreum</i>	
spiraea	<i>Astilbe X arendsii</i>	fanall
spiraea	<i>Spiraea</i> spp.	Anthony waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white
spiraea, garland	<i>Spiraea</i> spp.	
spruce, black hills	<i>Picea glauca</i>	
spruce, Colorado blue	<i>Picea pungens</i>	
spruce, norway	<i>Picea abies</i>	
spruce, white	<i>Picea glauca</i>	conica
sweetflag, grassy-le		
sweetgum	<i>Liquidambar styraciflua</i>	
sycamore	<i>Platanus occidentalis</i>	
tree fern (tiki fern)	<i>Asparagus virgatus</i>	
trumpet flower, evening	<i>Gelsemium sempervirens</i>	
tulip	<i>Tulip</i> , spp	apeldoorn
verbena, shrub	<i>Lantana sellowiana</i>	
verbena	<i>Verbena</i> spp.	St. Paul
viburnum	<i>Viburnum</i> spp.	American cranberry bush arrowood common snowball European cranberry bush linden Mohican Wright
vinca (periwinkle)	<i>Vinca minor</i>	
windmill palm	<i>Trachycarpus fortunei</i>	
xylosma	<i>Xylosma congestum</i>	
yarrow	<i>Achillea</i> spp.	
yaupon	<i>Ilex vomitoria</i>	dwarf
yew	<i>Taxus cuspidata</i> <i>Taxus X media</i>	denisiformis

† Ornamental species only: Do not use on food producing trees and ornamentals.

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### Terms and Conditions of Use

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If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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### Warranty Disclaimer

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Seller 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, subject to the inherent risks set forth below. To the extent permitted by law, SELLER MAKES NO OTHER EXPRESS OR

IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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### **Inherent Risks of Use**

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by Buyer.

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### **Limitation of Remedies**

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To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow  
EPA accepted \_\_/\_\_/\_\_

**[Sub Label B: Alternate Brand Name - Residential Use]**

[Front Panel of Bag]

# Crab-Buster® 0.15% FG

## LAWN AND ORNAMENTAL HERBICIDE

**For control of crabgrass and control or suppression other listed annual grass and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf.**

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or 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 courses or lawns.

*In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre). In the state of New York, this product may be applied at a minimum of 2.0 lb per 1000 sq ft per year (equivalent to 0.128 lb active ingredient per acre).*

In the state of Florida, do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

Covers up to XX,000 sq ft (XXX' x XX')  
and/or

This bag covers XX,000 sq ft

<b>GROUP</b>	<b>3</b>	<b>HERBICIDE</b>
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Active Ingredient

dithiopyr: 3,5- pyridinedicarbothioic acid, 2-(difluoromethyl)- 4-(2-methylpropyl)-6- (trifluoromethyl)-S,S-dimethyl ester .....	0.15%
Other Ingredients.....	99.85%
Total .....	100.00%

This product contains 0.075 pound of the active ingredient dithiopyr per 50 pound bag.

### Guaranteed Fertilizer Analysis: XX-XX-XX †

Water-Insoluble Nitrogen* .....	XX%
Total Nitrogen (N).....	XX%
Ammoniacal Nitrogen .....	XX%
Nitrate Nitrogen .....	XX%
Urea Nitrogen** .....	XX%
Other Water Soluble Nitrogen .....	XX%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	XX%
Soluble Potash (K <sub>2</sub> O) .....	XX%

Calcium (Ca) ..... XX%  
 Magnesium (Mg) ..... XX%  
 Copper (Cu)..... XX%  
 Iron (Fe)..... XX%  
 Manganese (Mn) ..... XX%  
 Zinc (Zn) ..... XX%  
 Sulfur/Combined Sulfur (S)\*\* ..... XX%  
 Chlorine (Cl) Max ..... XX%

\*[XX]% Water insoluble nitrogen from biosolids.

\*\*[XX]% Slowly available nitrogen from [polymer/sulfur] coated urea

\*\*[XX]% Stabilized urea nitrogen with dicyandiamide and N-(n-butyl) thiophosphoric triamide

\*\*[XX]% Enhanced efficiency urea nitrogen with [partial calcium salt of maleic-itaconic copolymer/partial calcium salt of maleic-itaconic copolymer]

\*\*\*[XX]% Free Sulfur (S)

Derived From: [XX]<sup>†</sup>

Primary plant foods derived from: [XX]<sup>†</sup>

Secondary plant foods derived from [XX]<sup>†</sup>

Iron derived from: [XX]<sup>†</sup>

**[Editor's Note: the following information may be added in the boxes above, this footnote must be deleted from the label after completion of the above Fertilizer Analysis data]**

<sup>†</sup> Urea, methylene urea, sulfur coated urea, polymer coated urea, poly coated sulfur coated urea, urea formaldehyde, ammonium sulfate, corn gluten, bio-solids (Milorganite), diammonium phosphate, monoammonium phosphate, magnesium ammonium phosphate hexa-hydrate, triple super phosphate, ammoniated phosphates, sulfate of potash, muriate of potash, sulfate of potash-magnesia, potassium nitrate, copper oxide, copper sulfate, iron oxide, iron sucrate, iron/ferrous sulfate, manganese oxide, molybdcic oxide, manganese sulfate, manganese sucrate, zinc oxide, zinc sulfate, sodium borate, boron, sulfur, or limestone.

**Keep Out of Reach of Children**

## CAUTION

### 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 inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, the give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Hot Line Number:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

### [Optional Label Claims]

**A Selective Preemergent Herbicide Plus Fertilizer Combination Product that Provides Control of Crabgrass and other listed Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.**

**Premium Granular Fertilizer - Providing the Nutrients Needed for Beautiful Healthy Lawn/Turfgrass and Ornamentals.**

**Contains Crab-Buster® Herbicide - A Highly Effective Herbicide for Crabgrass Control!**

**Can Be Applied Up to 4 Weeks Later Than Other Preemergence Crabgrass Preventers.**

**This Bag Treats Up To\_\_\_\_\_ Square Feet**

**[Crab- Buster®] Controls crabgrass and many other listed annual grasses and broadleaf weeds**

**Stops crabgrass even after germination**

**[Crab- Buster®] This product will control crabgrass if applied before it emerges and up to 4 weeks after it emerges**

**Season-long crabgrass control**

**Prevents crabgrass & feeds [fertilize(s)] in one application**

**Prevents crabgrass and listed annual weeds and grasses**

**Control young crabgrass plants when applied according to labeled directions**

**Apply late summer and early fall to control LISTED winter weeds**

**Apply Early Spring [prior to crabgrass germination]**

**Apply Late Winter/Early Spring or Fall [Prior to Weed Germination]**

**First [1<sup>st</sup>] Application Apply Early Spring**

**Application One [1] Apply Early Spring**

**Apply Early Spring or Fall [to Get Control of Weeds Listed on this Label Other Than Crabgrass Apply Prior to Germination]**

**Controlled [Slow] release nitrogen for extended feeding**

**Quick Spring Green-Up following a Fall Application**

**Contains Iron for deep greening**

**Iron enriched [formula]**

**Deep greening [formula]**

**Slow release nitrogen feeds your lawn/turfgrass over [x] months. [Note: The “x” represents the amount of months the fertilizer feeds depending on what we use (i.e. methylene urea, PCSCU)]**

**Phosphorus [Phosphate] free [formula]**

**Zero Phosphorus**

**Rich Green Lawn/Turfgrass**

**Long-lasting Feeding**

**1<sup>st</sup> [First] Application Apply Early Spring**

**100% Satisfaction Guaranteed or Your Money Back!**

**Fortified with Milorganite [Note: Milorganite (logo/graphic) Need to move logo outside of label text (above product name, on side of label or below text)]**

**Contains Non-Burning, Slow-Release Nitrogen and Iron for Deep Greening**

**Contains Non-Burning Nitrogen**

**Contains Slow-Release Nitrogen**

**Formulated for Wisconsin**

**Controlled Release [Fertilizer] Technology feeds [lawn/turfgrass] for 2+ months**

**UFLEXX™ Stabilized Nitrogen**

**UFLEXX™ is a trademark of AGROTAIN International, LLC.**

**XX.X% Stabilized Nitrogen from UFLEXX™**

**UMAXX® Stabilized Nitrogen**

**UMAXX® is a registered trademark of AGROTAIN International, LLC.**

**XX.X% Stabilized Nitrogen from UMAXX®**

**NutriSmart®**

***NutriSmart* is a registered Trademark of CK Life Science**

**Contains SCU [Sulfur Coated Urea]**

**NutriSphere-N® XXX – [The % Nutrisphere is indicated by the number built into the logo and can range from 25 to 100.]**

**NutriSphere-N is a registered trademark of Specialty Fertilizer Products**

**Avail®**

**Avail is a registered trademark of Specialty Fertilizer Products**

**N-Sure®**

**N-Sure is a registered trademark of Tessengerlo Kerley**

**with XCU®**

**XCU is registered trademark of Agrium**

**Apex-10™ Specialty Nutritional**

**Crystal Green<sup>®</sup> slow-release nutrient technology**

**Crystal Green is a registered trademark of Ostara Nutrient Recovery Technologies**

**Agrotain<sup>®</sup> Ultra**

**Agrotain is a registered trademark of Koch Agronomic Services**

**RXN XXX – [The % RxN (Agrotain Ultra) is indicated by the number built into the logo and can range from 20 to 100.]**

**STN XXX – [The % STN is indicated by the number built into the logo and can range from 25 to 100]**

**STU [Agrotain Ultra]**

**Growing a Better World [Harrell's Private Labels Only]**

**Regain [Spring Valley Labels Only]**

**MESA<sup>®</sup> Patented [Lebanon Seaboard Private Labels Only]**

**Meth-Ex<sup>®</sup> [Lebanon Seaboard Private Labels Only]**

**Expo potassium sulfate [Lebanon Seaboard Private Labels Only]**

**With LSN – LebanonTurf Stabilized Nitrogen [Lebanon Seaboard Private Labels Only]**

**Green-Smart Technology [Lebanon Seaboard Private Labels Only]**

**Enhanced efficiency fertilizer GreenSmart for a Green Lawn/Turfgrass [Lebanon Seaboard Private Labels Only]**

**Contains LESCO<sup>®</sup> Poly Plus<sup>®</sup> Polymer Coated Urea to provide uniform growth with extended nitrogen feeding. Poly Plus is comprised of Polymer Coated Urea. [John Deere Landscapes/LESCO Private Labels Only]**

**LESCO and Poly Plus are registered trademarks and the sweeping design is a trademark of LESCO Technologies, LLC. [John Deere Landscapes/LESCO Private Labels Only]**

**Nutrilife fertilizer technology**

**Wolf Trax DDP (Dispersable Dry Powder) Fe (Iron) Mn (Manganese), Zn (Zinc) Micronutrients**

**Professional Turf Grade/Premium Turf Grade/Mini Fairway Grade: Size Guide Number SGN XXX [The text box may have any combination of SGNs listed within the box. 80, 100, 145, 150, 195, 200, 210, 220, 230]**

**Duration XXX – Average nutrient release XXX days [The text box below may have any combination of the % Durations listed within the box. Duration 180 - Duration 120 - Duration 90 - Duration 45]**

If this product is being sold in a state requiring the publication of information regarding its metal content, information regarding the contents and levels of metals in this product is available at the following website: <http://www.aafco.org/metals.htm>.

Information regarding the contents and levels of metals in this product is available on the Internet at:

- <http://www.cdfa.ca.gov/egov/is/fert/>
- [http://www.oda.state.or.us/dbs/heavy\\_metal/search.lasso](http://www.oda.state.or.us/dbs/heavy_metal/search.lasso)
- <http://www.agr.wa.gov/PestFert/Fertilizers/ProductDatabase.aspx>

It is a violation of law in Maryland and New Jersey to apply this product to turf at a rate that results in greater than 0.7 lb per 1,000 sq.ft. of readily available nitrogen or more than 0.9 lb per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply. [Maryland or New Jersey Applications]

No more than 0.7 lb per 1,000 sq.ft. of readily available nitrogen during any given 30 day period. No more than 0.9 lb (cool season grasses) or 1.0 lb (warm season grasses) per 1,000 sq.ft. of total nitrogen with a least 20% of which shall consist of slow release nitrogen during any given 30 day period. [Virginia Applications]

Do not apply near water storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn and garden. [Maryland Applications]

This fertilizer contains phosphorus and may not be used on turf in the state of Maryland except when 1) providing nutrients to specific soils and target vegetation as determined to be necessary in accordance with a soil test that was conducted by a laboratory identified under §8-803.7 of the Agriculture Article, Annotated Code of Maryland, performed no more than 3 years before the application; 2) establishing vegetation for the first time, such as after land disturbance, provided the application is conducted in accordance with the recommended application rates established by the State; or 3) reestablishing or repairing a turf area. [Maryland Applications which contain Phosphorus] Not for use on established lawns or grass in MD. [If phos >5% and is not classified as a "starter" fertilizer]

In Virginia this lawn/turf fertilizer contains phosphorous and is only for nonagricultural use on (i) turf during its first growing season, (ii) on turf areas being repaired or renovated, and (iii) on turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not for the routine maintenance of turf. [Virginia Applications which contain Phosphorus]

Note: Supplemental applications of fertilizer are needed to achieve a minimum 1lb Nitrogen per 1,000 sq ft.

**Maximize your lawn/turfgrass**

**Stein Policy - 100% Satisfaction Guaranteed - If for any reason you are not satisfied with the results after using this premium product, you are entitled to replacement bags of fertilizer or your money back. Simply bring proof of purchase to any Stein Garden Center. [EC Grow Private Labels Only]**

If, after using this product, you are dissatisfied with the results, simply mail the sales receipt, a brief description of the problem and your contact information to the address listed below for a



refund of the purchase price of the product. EC Grow • PO Box 837 • Eau Claire, WI 54702 [EC Grow Private Labels Only]

If you have questions or comments regarding the quality of this product, please write to Turf Care Supply Corp. at the address below, or call Customer Service at 877-220-1014 between the hours of 9 A.M. and 5 P.M., Eastern Time, Monday through Friday. Please refer to the item number found on this bag when writing or calling. [Turf Care Supply Private Labels Only]

This product contains polymer-coated Enhanced Efficiency Fertilizer technology. As your lawn/turfgrass demands nutrients, nitrogen is released slowly into the soil for plant root uptake. This controlled-release approach eliminates surge growth and provides predictable feeding for over two months. All Menards Premium fertilizer products contain Enhanced Efficiency Fertilizer which ensures consistent feeding, deep greening, and promotes overall lawn/turfgrass health.

Made in USA

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## Precautionary Statements

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### Hazards to Humans and Domestic Animals

# CAUTION

**Causes Eye Irritation • Harmful If Inhaled**

**Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.**

### Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent runoff to water bodies or drainage systems.

**Refer to back panel of bag for Directions for Use including Storage and Disposal.**

**Notice:** Read the entire label. Use only according to label directions. **Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of Directions for Use. If terms are unacceptable, return at once unopened.**

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-504

EPA Est. \_\_\_\_\_

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

**Produced for  
Dow AgroSciences LLC  
9330 Zionsville Road**

**Indianapolis, IN 46268**

**NET WEIGHT \_\_\_\_\_**

[Back Panel of Bag]

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### Directions for Use

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

#### Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**Pesticide Storage:** Store this product only in its original container in a dry, cool, secured storage area.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer recycling if available.

**If partially filled:** Call you local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Editor's Note: Supplemental distributor may insert own toll free number.]

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### Use Directions for Turf

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This turf fertilizer product, containing Crab-Buster® herbicide, can be applied up to 4 weeks later than other crabgrass preventers and provides up to 4 months of crabgrass control.

Crab-Buster 0.15% FG provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only, but is effective up to 4 weeks after crabgrass has germinated. This generally corresponds to the time when crabgrass seedlings first become visible in the established turfgrass. Do not apply this product later than 4 weeks after crabgrass germination.

**[Editor's note: Supplemental distributor will add one of the following statements as appropriate if their product is registered in the state of Florida.]**

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] [4] applications per year on bahiagrass in [central Florida] [the south]. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] applications per year on bermudagrass in the north. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on bermudagrass in central Florida. Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [5] [6] [7] applications per year on bermudagrass in the south. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [1] [2] applications per year on centipedegrass in the north. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] applications per year on centipedegrass in [central Florida] [the south]. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).

- Florida Applications: Do not exceed [2] [3] [4] applications per year on St. Augustinegrass in the north. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [2] [3] [4] [5] applications per year on St. Augustinegrass in central Florida. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on St. Augustinegrass in the south. Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] applications per year on zoysiagrass in the north. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [3] [4] [5] [6] applications per year on zoysiagrass in central Florida. Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- Florida Applications: Do not exceed [4] [5] [6] applications per year on zoysiagrass in the south. . Do not apply more than 7.7 lb of this product per 1,000 sq ft per application and no more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).

Apply this product only to turfgrass species listed on this label. The following turfgrass species are tolerant to this product when applied as directed:

Cool-Season Grasses	Warm-Season Grasses
Bentgrass, creeping	Bahiagrass
Bluegrass, Kentucky	Bermudagrass
Fescue, fine	Buffalograss
Fescue, tall	Carpetgrass
Ryegrass, perennial	Centipedegrass
	St. Augustinegrass
	Zoysiagrass

## Use Precautions for Turf

This product should be applied only to lawns and ornamental turfgrasses that are well established. For newly established lawns, initial application of this product should be made only after turfgrasses have developed a vigorous root system, uniform stand, and received at least two mowings following seeding, sodding, or sprigging. **Exception:** In newly established lawns of Kentucky bluegrass, perennial ryegrass and/or tall fescue, this product may be applied two weeks after the first sign of germination.

- Use of this product on lawns and ornamental turfgrasses that are not well established, or weakened by stress due to mechanical operations, pests, excessive temperatures, or lack of moisture may result in turfgrass injury.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydro-aerification, and verticutting, should be done before application of this product. **Do not** apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.
- **Reseeding, Overseeding, or Sprigging:** Reseeding, overseeding, or sprigging of areas treated with this product within 10 weeks after a single application of this product or within 16 weeks after a split application program totaling 7.7 lb/1000 sq ft (0.5 lb active ingredient per acre) or more may inhibit the establishment of desirable turfgrasses. When reseeding, overseeding follow proper cultural practices for seedbed preparation, seeding, irrigation and fertilization.

## Use Restrictions

- **Do not** use clippings from treated turf for mulching around vegetables or fruit trees.
- **Do not** allow people or pets to enter treated area until dust has settled.

## Application Timing

### Spring Application

**Control of Crabgrass:** Crab-Buster 0.15% FG provides preemergence control of crabgrass and control or suppression of other listed weeds when applied prior to their germination. In addition, this product provides postemergence control of seedling crabgrass after germination and emergence. Postemergence control is limited to crabgrass only and is effective up to 4 weeks after germination of crabgrass. This generally corresponds to the time when crabgrass seedlings are at the 3-leaf stage of growth and first become visible in the established turf. This product will not control crabgrass at later growth stages when crabgrass plants begin to tiller (spread). Properly timed applications will control existing crabgrass and prevent further emergence of crabgrass seedlings. Do not apply this product later than 4 weeks after crabgrass germination.

**Control or Suppression of Other Grass and Broadleaf Weeds:** For control or suppression of other grass and broadleaf weeds, this product must be applied as a **preventative** treatment prior to their germination and emergence. Only crabgrass will be controlled with applications made up to 4 weeks after weed germination.

### Fall Application

This product can also be applied from late summer through early fall (late August through November). When applied in the fall, a sequential or second application of this product must be made the following spring to provide season-long control of crabgrass. If this product is applied in the fall, **do not** reseed, overseed or sprig turfgrasses within 12 weeks after application.

### Tips for Improved Weed Control

- For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.
- The turf herbicide and fertilizer components in this product are not effective until activated by rainfall or irrigation. Performance is improved if application is followed by 1/2 inch of rainfall or sprinkler irrigation. Erratic weed control may result if not activated by rainfall or irrigation within 30 days after application.

## Weeds Controlled or Suppressed

Crab-Buster 0.15% FG will provide control of crabgrass and control or suppression of other listed grass and broadleaf weeds when applied prior their germination.

### Grasses

barley  
barnyardgrass  
bluegrass, annual  
brome  
crabgrass, large  
crabgrass, smooth  
crabgrass, Southern  
crowfootgrass<sup>†</sup>  
dallisgrass  
goosegrass  
foxtail, green  
foxtail, yellow  
kikuyugrass<sup>†</sup>  
oats, wild  
ryegrass (annual & perennial)

### Broadleaf Weeds

bittercress<sup>†</sup>  
carpetweed  
chickweed<sup>†</sup>  
geranium, Carolina<sup>†</sup>  
henbit  
knotweed, prostrate  
lespedeza, common<sup>†</sup>  
marestail  
medic, black  
mustard  
oxalis, buttercup  
pineappleweed  
pigweed, redroot  
parsley-piert<sup>†</sup>  
purslane, common

sandbur	rocket, London
smutgrass	shepherdspurse
	speedwell, corn <sup>†</sup>
	spurge, garden
	spurge, prostrate
	spurge, spotted
	woodsorrel, creeping
	woodsorrel, yellow

<sup>†</sup> Suppression only

### Weed Resistance Management

Dithiopyr, the active ingredient in this product, is a Group 3 herbicide based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants resistant to Group 3 herbicides. Resistant weeds may dominate the weed population if these herbicides are used repeatedly in the same field. Such resistant weed plants may not be effectively managed using Group 3 herbicides but may be effectively managed utilizing other herbicides alone or in mixtures from a different herbicide Groups that are labeled for control of these weeds and/or by using cultural or mechanical practices. However, a herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds.

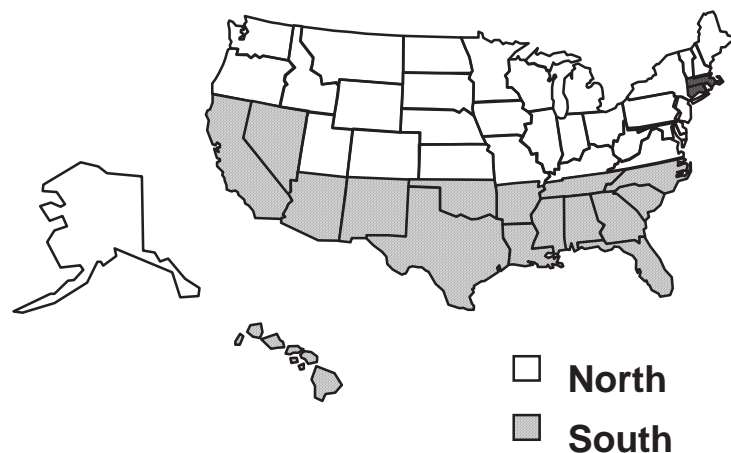
### Best Management Practices

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after a herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

### Length of Control

Crab-Buster 0.15% FG will provide up to 4 months of crabgrass control when applied according to label directions. The actual length of control will vary depending on use rate, weather conditions, condition of the turfgrass, intensity of weed pressure, and the location or "Region" within the United States where this product is being applied. **Refer to the map below to determine the region of the U.S. that includes your location.** Use the table below to determine the amount of Crab-Buster 0.15% FG to apply in your location based on the desired length of weed control or need for postemergence crabgrass control.

### Use "Regions" within the United States:



### Use Rates

<b>Amount of Crab-Buster 0.15% FG to Apply</b> (Pounds of product to apply per 1,000 square feet of turfgrass <sup>†</sup> )			
Region of U.S.	----- Length of Crabgrass Control -----		
	2 - 3 months	3 - 4 months	Early Postemergence Control
<b>North</b>	2.0 lb/1000 sq ft (0.128 lb ai/acre)	2.7 lb/1000 sq ft (0.174 lb ai/acre)	3.4 - 7.7 lb/1000 sq ft <sup>††</sup> (0.22 - 0.5 lb ai/acre)
<b>South</b>	2.9 lb/1000 sq ft (0.192 lb ai/acre)	3.4 - 3.9 lb/1000 sq ft <sup>††</sup> (0.22-0.256 lb ai./acre)	3.4 - 7.7 lb/1000 sq ft <sup>††</sup> (0.22 - 0.5 lb ai/acre)

<sup>†</sup> 1,000 square feet equals an area 100 feet X 10 feet or square area of about 32 feet on a side.

<sup>††</sup> Use the higher rate in rate range in areas of high weed pressure or for increased length of control.

### Maximum Application Rates:

- **Do not** apply more than 7.7 lb of this product per 1,000 sq ft per application.
- **Do not** apply more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

### Application Instructions and Equipment

This product may be applied with drop or rotary-type spreaders designed to apply granular herbicides. For best results, apply this product evenly and uniformly avoiding streaking, skips or overlaps. Avoid the use of spreaders that tend to apply granules in narrow rows or concentrated bands. Calibrate the spreader according to the manufacturer's directions. Initial spreader settings may require adjustment to deliver the application rate under actual application conditions. The desired calibration setting may be marked or recorded for future reference. Apply this product uniformly over the treatment area. More uniformity of application can usually be achieved by applying one-half of the required amount of product over the treatment area and then applying the remaining one-half in a different direction (e.g., at a right angle to the previous direction). Avoid streaking, skips, or overlaps during application.

**[Editor's note: With available data Supplemental Distributor may add the following statement.]**  
**These settings were calibrated and field tested. However, age, condition of spreader speed of operations and evenness of terrain may require slightly different settings for desired coverage.**

Check equipment frequently to verify calibration and proper functioning.

**[Editor's note: Supplemental Distributor may add a table listing recommended application equipment and calibration settings.]**



Brand and Model of Spreader	Calibration Settings at Specified Rate (lb/1000 sq ft)					
	2.0	XX	XX	XX	XX	7.7
XXXXXXX	XX	XX	XX	XX	XX	XX

### Use Directions for Landscape Ornamentals

Crab-Buster 0.15% FG provides preemergence control or suppression of listed annual grass and broadleaf weeds in plantings of ornamental plants listed on this label. For application instructions and equipment, see Application Instructions and Equipment section above.

### Use Rates

Apply Crab-Buster 0.15% FG Lawn and Ornamental Herbicide with a properly calibrated spreader or other means that will assure uniform distribution. This product may be applied as a single application or as a split application. Split or sequential applications may be used to provide improved weed control or to provide extended weed control in areas with long growing seasons. To make a split application, divide the rate in the following table into separate applications made 5-10 weeks apart. Sequential applications may be made in the late summer following a spring application or in the spring after a fall application, provided the maximum application rates per year given below are not exceeded.

Pounds of Product per 1000 Square Feet <sup>®</sup>	Ounces of Product per 100 Square Feet <sup>†</sup>
7.7	0.77 (12.3 oz)

<sup>†</sup> Rate based on an area of 100 sq ft for treatment of small areas.

### Maximum Application Rates:

- **Do not** apply more than 7.7 lb of this product per 1,000 sq ft per application
- **Do not** apply more than 23.1 lb of this product/1000 sq ft per year (equivalent to 0.5 and 1.5 lb of active ingredient per acre, respectively).
- In the state of New York, do not exceed 3.8 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

### Application Timing and Recommendations

Crab-Buster 0.15% FG is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination. Bare ground or mulched areas may be treated. The best weed control is obtained when applied to soil that is free of clods, weeds and debris such as leaves. Prior to making an application, control existing vegetation by hand weeding, cultivation or with a postemergence herbicide. Avoid disturbance of treated areas. Loss of weed control may result if the treated soil surface is disturbed by soil mixing or tillage.

### Use Precautions

- Apply this product only to established ornamentals.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.

### Use Restrictions



- **Do not** apply this product directly to bare roots of ornamental plants as injury may result.
- **Do not** incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
- **Do not** apply to soil around ornamental plants that are under stress due to drought, flooding, excessive fertilizer or soil salts, wind injury, hail, frost damage, winter injury, injury from previously applied pesticides or injury due to insects, nematodes or disease.
- **Do not** apply under conditions that would affect product distribution. Wind could affect distribution and move product onto sensitive species. Uneven product distribution will result in uneven weed control.

### Weeds Controlled or Suppressed

Used as directed, Crab-Buster 0.15% FG will control crabgrass and control or suppress other listed grass and broadleaf weeds when applied prior to their germination. **Refer to "Use Directions for Turf" section above for a complete listing of weeds controlled or suppressed.** This product will not control established broadleaf weeds or grasses, except for crabgrass in early stages of development. The area to be treated should be free of weeds prior to application.

### Tolerant Ornamentals

The ornamentals listed below have shown tolerance to this product when applied according to label directions. However, this product has not been tested on all ornamental species, all cultivars of species on this label, or under all possible growing conditions. For species or cultivars not listed, it is recommended that a few plants in a limited area be treated and observed for tolerance under local growing conditions prior to large-scale use.

Common Name	Botanical Name	Tolerant Cultivars
abelia, dwarf	<i>Abelia X grandiflora</i>	nana
ajuga	<i>Ajuga reptans</i> <i>Ajuga genevensis</i>	bronze bronze beauty
almond, flowering	<i>Prunus glandulosa</i>	
apple <sup>†</sup>	<i>Malus pumila</i>	
arborvitae	<i>Thuja occidentalis</i>	nigra pyramidalis smaragh techny woodwardii
arborvitae, golden	<i>Thuja orientalis</i>	
aster, Chinese	<i>Callistephus chinensis</i>	dwarf queen
ash, green	<i>Fraxinus pennsylvanica</i>	
ash, mountain	<i>Sorbus aucuparia</i>	
ash, purple	<i>Fraxinus americana</i>	

azalea	<i>Rhododendron</i> spp.	brilliant buccaneer carror chimes (belgian) elsie lee exbury fashion hardijzer beauty hershey red higasa hinocrimson holland (hybrid) marion lee northern lights orange cup orchid lights snow southern charm
azalea, flame	<i>Rhododendron calendulaceum</i>	
azalea, kirishima		
bamboo, heavenly		
barberry	<i>Berberis thunbergii</i>	aurea dwarf pigmy green kobold pygmy red rose glow
barberry, purple		atropurpurea
basket flower	<i>Gaillardia grandiflora</i>	
bearberry (common)	<i>Arctostaphylos uva-ursi</i>	Massachusetts
bee balm	<i>Monarda didyma</i>	
begonia	<i>Begonia</i> spp.	
birch, river	<i>Betula nigra</i>	
blackeyed Susan	<i>Rudbeckia hirta</i>	goldstrum
blanket flower	<i>Gaillardia</i> spp.	
blueberry <sup>†</sup>	<i>Vaccinium</i> spp.	bluecrop blue jay jersey north blue northland
bottlebrush	<i>Callistemon citrinus</i>	
boxwood, Japanese		japonica
boxwood, weller	<i>Buxus sempervirens</i>	
broom	<i>Cytisus</i> spp.	moonlight
	<i>Genista pilosa</i>	Vancouver gold
bugle carpet		
camellia	<i>Camellia japonica</i>  <i>Camellia sasanqua</i>	debutante mathotiana supreme chansonette
candy tuft	<i>Iberis</i> spp.	snow white
carex, variegated	<i>Carex</i>	
cedar, red	<i>Juniperus virginiana</i>	
celosia	<i>Celosia</i> spp.	
centaura	<i>Centaurea montana</i>	
cockscomb, plumosa	<i>Celosia cristata</i>	scarlet plumosa
coleus	<i>Coleus blumei</i>	red kewpie
columbine	<i>Aquilegia</i> spp.	
copper leaf	<i>Acalypha wilkesiana</i>	
coreopsis	<i>Coreopsis</i> spp.	moonbeam

corn flower	<i>Centaurea</i> spp.	
cotoneaster	<i>Cotoneaster apiculatus</i>	
coyotebrush	<i>Baccharis pilularis</i>	
cycads	<i>Cycads revoluta</i>	
cypress, bald	<i>Taxodium distichum</i>	
cypress, Italian	<i>Cupressus sempervirens</i>	glauca
cypress, Japanese false	<i>Chamaecyparis obtusa</i>	gracilis
cypress, leyland	<i>Cupressocyparis leylandii</i>	
daffodil	<i>Narcissus</i> spp.	King Alfred
daylilly	<i>Hemerocallis</i> spp.	aztec gold bright yellow (hybrid) single gold (evergreen) wilsonis yellow
dianthus (sweet william)	<i>Dianthus</i> spp.	
delphinium	<i>Delphinium</i> spp.	magic fountain
dogwood	<i>Cornus florida</i>	
dogwood, American	<i>Cornus sericea</i>	flavarimaea
douglas fir	<i>Pseudotsuga menziesii</i>	
dusty miller	<i>Senecio cineraria</i>	
elm, drake	<i>Ulmus parvifolia</i>	
euonymus	<i>Euonymus fortunei</i>	argenteo-variegata auereo-marginata colorata emerald gaiety emerald en gold gold edge gold princess silver king tricolor vegetus
fan palm, European	<i>Chamaerops humilis</i>	
fan palm, Mexican	<i>Washingtonia robusta</i>	
fern (various)	<i>Asparagus</i> spp.	
fescue	<i>Festuca glauca</i>	
fetterbush	<i>Leucothoe fontanesiana</i>	rainbow
fig	<i>Ficus retusa</i>	nitidia
fir fraser	<i>Abies fraseri</i>	
forsythia	<i>Forsythia X intermedia</i>  <i>Spring Glory</i>	Arnold dwarf bronxensis dwarf lynwood gold meadowlark weeping
fuchsia	<i>Fuchsia</i> spp.	
galium	<i>Galium odoratum</i>	
gardenia	<i>Gardenia jasminoides</i>	mystery radicans
geranium	<i>Pelargonium X hortorum</i>	
gum	<i>Eucalyptus citriodora</i>	
hawthorn	<i>Crataegus</i> spp.	cockspur white crimson cloud enchantress Jack Evans Washington white
heather, twisted	<i>Erica cinerea</i>	Mediterranean pink
hemlock, Canada	<i>Tsuga canadensis</i>	
hibiscus	<i>Hibiscus</i> spp.	blue bird brilliant hula girl

holly	<i>Ilex</i> spp. <i>Ilex X meserveae</i>  <i>Ilex X attenuata</i>	blue boy blue girl burfodii china girl compacta forsteri hellerie Japanese northern beauty needlepoint Nellie R. Stevens Savannah
holly, Chinese	<i>Ilex cornuta</i>	
holly, Japanese	<i>Ilex crenata</i>	
holly, yaupon	<i>Ilex vomitoria</i>	
honeysuckle	<i>Lonicera japonica</i>	claveyis dwarf halliana tatarian Canadian white zebelli red hosta
hosta	<i>Hosta</i> spp. <i>Hosta lancifolia</i>	albo marginata
ice plant	<i>Carpobrotus edulis</i>	
impatiens	<i>Impatiens</i> spp.	
iris	<i>Iris</i> spp.	dwarf blue wedgewood
ivy, English	<i>Hedera helix</i>	bulgaria thorndale
jasmine, Asian	<i>Trachelospermum asiaticum</i>	
juniper	<i>Juniperus</i> spp.	arcadia armstrong bar harbor
	<i>Juniperus horizontalis</i>	blue chip blue pacific blue rug
	<i>Juniperus horizontalis</i>	blue star broadmoor buffalo Calgary carpet emerald sea emerald spreader endora compacta fruitlandi green gold tip hetzi hughes Manhattan blue parsoni pfitzeriana plumosa prince of Wales procumbens dwarf San Jose sargent blue sargent green scandia scopulorum moonglow scopulorum skyrocket spartan
	<i>Juniperus chinensis</i>	tamariscifolia

	<i>Juniperus sabina</i>	weberi youngstown yukon belle
king palm	<i>Archontophoenix cunninghamiana</i>	
laurel, Australian	<i>Pittosporum tobira</i>	
laurel, mountain	<i>Kalmia latifolia</i>	
leucothoe	<i>Leucothoe fontanesiana</i>	
ligustrum, Japanese	<i>Ligustrum japonicum</i>	
lily, African	<i>Agapanthus africanus</i>	albus Peter Pan
lily, African blue		
lily of the valley	<i>Pieris japonica</i>	Mt. Fire
lilyturf	<i>Liriope muscari</i>	evergreen giant lilac beauty majestic monroe white variegata
liriope, green	<i>Liriope spicata</i>	
maple, Japanese	<i>Acer japonicum</i>	
maple, Norway	<i>Acer platanoides</i>	
maple, red †	<i>Acer rubrum</i>	
maple, silver	<i>Acer saccharinum</i>	
maple sugar †	<i>Acer saccharum</i>	
marigold	<i>Tagetes patula</i>	honeycomb variegata wheeleris dwarf
mock orange †	<i>Philadelphus spp</i>	golden snowflake double white
mondo grass	<i>Ophiopogon japonicus</i>	
moss rose	<i>Portulaca grandiflora</i>	sunnyside
myrtle, crape	<i>Lagerstroemia indica</i>	faurei langer muskogee standard pink
myrtle, wax	<i>Myrica cerifera</i>	
nandina	<i>Nandina domestica</i>	compacta nana
narcissus	<i>Narcissus spp.</i>	
oak, laurel	<i>Quercus laurifolia</i>	
oak, pin	<i>Quercus palustris</i>	
oak, red	<i>Quercus rubra</i>	
oak, southern	<i>Quercus virginiana</i>	
oak, willow	<i>Quercus phellos</i>	
oleander	<i>Nerium oleander</i>	hardy red petite pink Sister Agnes
osteospermum	<i>Osteospermum fruticosum</i>	wirligig
pachysandra	<i>Pachysandra terminalis</i>	
palm, bangalow		
pampas grass	<i>Cortaderia selloana</i>	
pansy	<i>Viola x wittrockiana</i>	
paper flower	<i>Bougainvillea glabra</i>	Barbara karst
peach †	<i>Prunus persica</i>	
periwinkle, dwarf	<i>Vinca minor</i>	
petunia	<i>Petunia X hybrida</i>	picoti
photinia, red tip	<i>Photinia X fraseri</i>	
pieris	<i>Pieris japonica</i>	
pine, Australian	<i>Pinus nigra</i>	

pine, Japanese black	<i>Pinus thunbergiana</i>	
pine, loblolly	<i>Pinus taeda</i>	
pine, longleaf	<i>Pinus palustris</i>	
pine, mugo	<i>Pinus mugho</i>	
pine, Scotch	<i>Pinus sylvestris</i>	
pine, slash	<i>Pinus elliotii</i>	
pine, Swiss mt.	<i>Pinus mugo</i>	
pine, Virginia	<i>Pinus virginiana</i>	
pine, white	<i>Pinus strobus</i>	
pineapple, guava †	<i>Feijoa sellowiana</i>	
pieris	<i>Pieris taiwanensis</i>	
pittosporum, Japan		
potentilla	<i>Potentilla nepalensis</i> <i>Potentilla fruticosa</i>	abbotswood
privet	<i>Ligustrum japonicum</i>	golden vicary regal texanum wax yellow tipped
privet, glossy	<i>Ligustrum lucidum</i>	
pyracantha	<i>Pyracantha koidzumii</i>	gnome lalandei victory
queen palm	<i>Arecastrum rammanzoffianum</i>	
quince, Japanese †		
rhododendron	<i>Rhododendron spp</i>	album Cunningham white fashion hardy pjm purple gem silvery pink
rhododendron, carolina	<i>Rhododendron carolinianum</i>	
rhododendron, catawba	<i>Rhododendron catawbiense</i>	
rockcress	<i>Arabis spp.</i>	snowcap
rhodie max (rosebay)	<i>Rhododendron maximum</i>	
rose †	<i>Rosa banksiae</i>	luta
rosemary †	<i>Rosmarinus officinalis</i>	
rosemary, bog	<i>Andromeda polifolia</i>	nana
salvia	<i>Salvia farinacea</i>	rhea
sedum	<i>Sedum spurium</i>	dragon blood red red carpet yellow
snapdragon	<i>Antirrhinum spp.</i>	
sourwood	<i>Oxydendrum arboreum</i>	
spiraea	<i>Astilbe X arendsii</i>	fanall
spiraea	<i>Spiraea spp.</i>	Anthony waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white
spiraea, garland	<i>Spiraea spp.</i>	
spruce, black hills	<i>Picea glauca</i>	
spruce, Colorado blue	<i>Picea pungens</i>	
spruce, norway	<i>Picea abies</i>	
spruce, white	<i>Picea glauca</i>	conica
sweetflag, grassy-le		
sweetgum	<i>Liquidambar styraciflua</i>	

sycamore	<i>Platanus occidentalis</i>	
tree fern (tiki fern)	<i>Asparagus virgatus</i>	
trumpet flower, evening	<i>Gelsemium sempervirens</i>	
tulip	<i>Tulip, spp</i>	apeldoorn
verbena, shrub	<i>Lantana sellowiana</i>	
verbena	<i>Verbena spp.</i>	St. Paul
viburnum	<i>Viburnum spp.</i>	American cranberry bush arrowwood common snowball European cranberry bush linden Mohican Wright
vinca (periwinkle)	<i>Vinca minor</i>	
windmill palm	<i>Trachycarpus fortunei</i>	
xylosma	<i>Xylosma congestum</i>	
yarrow	<i>Achillea spp.</i>	
yaupon	<i>Ilex vomitoria</i>	dwarf
yew	<i>Taxus cuspidata</i> <i>Taxus X media</i>	denisiformis

<sup>†</sup> Ornamental species only: Do not use on food producing trees and ornamentals.

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### Terms and Conditions of Use

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If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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### Warranty Disclaimer

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Seller 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, subject to the inherent risks set forth below. To the extent permitted by law, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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### Inherent Risks of Use

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by Buyer.

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### Limitation of Remedies

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To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent permitted by law, seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or losses.



The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Seller or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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