

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Washington, D.C. 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Jane Miller Control Solutions, Inc c/o Biologic, Inc 115 Obtuse Hill Road Brookfield, CT 06804

FEB 2 1 2013

Subject:

Label amendment creating a Master Label to add residential use

directions and create "commercial use" and "residential use" sections

Dithiopyr 0.25% plus Fertilizer EPA Reg. No: 53883-208

Application Dated: August 20, 2012

Dear Ms. Miller

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

Please note that marketing claims made on the pesticide label must be substantiated by data maintained in your files. If data supporting marketing claims made on the product label is not available, then those claims must be removed.

A stamped copy of your label is enclosed for your records. This label supersedes all previously accepted labels. You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after eighteen (18) months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA §6(e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have any questions, please contact Grant Rowland at (703) 347-0254 or at Rowland.Grant@epa.gov.

Sincerely,

Ƙathryn Mon*t*ague Product Manager 23

Herbicide Branch

Registration Division (7505P)

## [Sub. Label A: Commercial Use]

# Dithiopyr 0.25% Plus Fertilizer

#### TURF AND ORNAMENTAL HERBICIDE

For Season-Long Control of Crabgrass and Control or Suppression of Listed Annual Grasses and Broadleaf Weeds in Established Lawns and Ornamental Turf, including Golf Course Fairways, Roughs and Tee Boxes, and in Established Landscape Ornamentals.

Covers up to XX,000 sq. ft. This bag covers XX,000 sq. ft.

In the state of New York this product may be applied only by commercial applicators at no more than 200 lbs. (0.5 pounds AI) per acre (4.6 lbs. per 1,000 sq. ft.) per year. Not for use in Nassau or Suffolk Counties.

#### **Active Ingredient:**

Dithiopyr: 3,5- pyridinedicarbothioic acid, 2-(difluoromethyl)- 4-	
(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester	0.25%
Other Ingredients:	99.75%
TOTAL	

This product contains 0.125 pound of active ingredient dithiopyr per 50 pound bag.

EPA REG NO. 53883-208

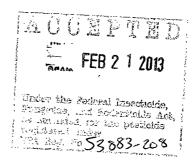
EPA EST. NO. XXXXX-XXX

# CAUTION

See [back] [side] [other] panel for further precautions and First Aid information

#### **Guaranteed Fertilizer Analysis: XX-XX-XX**

Water-Insoluble Nitrogen	XX%
Total Nitrogen (N)	XX%
Ammoniacal Nitrogen	XX%
Urea Nitrogen	XX%
Available Phosphoric Acid (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%



Net Weight:

Control Solutions, Inc. 5903 Genoa-Red Bluff Rd. Pasadena, TX 77507-1041

FIRST AID		
IF IN EYES:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue</li> </ul>	
	rinsing eye.	
	Call a poison control center or doctor for treatment advice.	
IF ON SKIN OR	Take off contaminated clothing.	
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.	
	Call a poison control center or doctor for treatment advice.	
IF SWALLOWED:	Call a poison control center or physician immediately for treatment advice.	
	Have person sip a glass of water if able to swallow.	
	Do not induce vomiting unless told to do so by the poison control center or	
	physician.	
	Do not give anything by mouth to an unconscious person.	
IF INHALED:	Move person to fresh air.	
	• If person is not breathing, call 911 or an ambulance, then give artificial	
	respiration, preferably mouth-to-mouth, is possible.	
	Call a poison control center or doctor for further treatment advice.	
	HOT LINE NUMBER	
Have the product con	tainer or label with you when calling a noison control center or doctor, or going	

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- · Chemical-resistant gloves such as natural rubber
- · Shoes plus socks

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

#### Use Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco
- Remove clothing/PPE if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This pesticide 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. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

#### **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

#### **NON-AGRICULTURAL USE REQUIREMENTS:**

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

· Keep unprotected persons out of treated area during application and until dust has settled.

#### STORAGE AND DISPOSAL

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

STORAGE: Store in original container in a dry, cool, secured storage area.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with 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, of, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### **USE INFORMATION**

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes, and in established landscape ornamentals. This product also provides postemergent crabgrass control up to the 4-leaf stage.

SPREADER SETTINGS to apply at the listed pounds per 1,000 square feet

(to be furnished at printing)

#### FOR USE ON TURF

Dithiopyr 0.25% Plus Fertilizer provides season-long control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf, including golf course fairways, roughs and tee boxes. Dithiopyr 0.25% Plus Fertilizer will not harm nearby established ornamentals identified on this label as "Tolerant Ornamentals" when used according to label directions.

#### **USE PRECAUTIONS:**

Apply this product only to seeded, sodded, or sprigged lawns and ornamental turf that is well established. Before the use of Dithiopyr 0.25% Plus Fertilizer, the grass must have a developed root system and a uniform stand. Following seeding, sodding or sprigging, the turf must be mowed at least two times. Injury may result if the turf is not well established, or stressed by weather, pests, disease, chemical or other related conditions.

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 200 lb (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application and no more than 600 lb (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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: For application to sports turf (nonagricultural land planted exclusively for golf courses, parks and athletic fields), follow "SL 191, Recommendations for N,P,K and Mg for Golf Course & Athletic Field Fertilization Base on Mehlich/Extractant" available at <a href="http://edis.ifas.ufl.edu/SS404">http://edis.ifas.ufl.edu/SS404</a>, or "BMP's' for Enhancement of Environmental Quality on Florida's Golf Courses" available at <a href="http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf">http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/glfbmp07.pdf</a>.
- Florida Applications: For application to urban turf (nonagricultural 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://dep.state.fl.us/central/Home/MeetingsTraining/FLGreen/BMP Book final.pdf.

Dithiopyr 0.25% Plus Fertilizer may be applied to established turfgrass species listed on this label. When applied as directed, the following turfgrass species are tolerant to this product:

COOL-SEASON GRASSES	USE PRECAUTIONS
Creeping Bentgrass <sup>1</sup> (Agrostis palustris), Kentucky Bluegrass (Poa pratensis), Fine Fescue <sup>2</sup> (Festuca rubra), Tall Fescue (Festuca arundinacea), Perennial Ryegrass (Lolium perenne),	<sup>1</sup> Turfgrass injury may result from the use of this product on certain varieties of creeping bentgrass such as Cohansey, Carmen, Seaside and Washington. Not all varieties of creeping bentgrass have been testes. Do not apply this product to Colonial Bentgrass ( <i>Agrostis tenuis</i> ) varieties.
	<sup>2</sup> Turfgrass injury may result from use of this product on the following varieties of Fescue such as Atlanta, Banner, Beauty, Bilgart, CF-2, Enjoy, HF-93, Highlight, Ivalo, Koket, Jamestown, Majenta, Mary, Pennilawn, Tamara, Tatiana, Walfort and Waldina. Not all varieties of fescue have been tested.
WARM-SEASON GRASSES	·
Bahiagrass (Paspalum notatum), Bermudagrass (Cynodon dactylon), Buffalograss <sup>3</sup> (Buchloe dactyloides), Carpetgrass (Axonopus compressus), Centipedegrass (Eremochloa ophiuroides), Kikuyugrass (Pennisetem clandestinum), St. Augustinegrass (Stenotaphrum secundatum), Zousiagrass (Zoysia japonica)	<sup>3</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 to turfgrass varieties not listed on this label on a limited area, at recommended use rates, prior to initiating large-scale use.

#### RESEEDING, OVERSEEDING OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 10 weeks after a single application of this product or within 16 weeks after a split application program may inhibit the establishment of desirable turfgrasses. When seeding or overseeding, follow good cultural practices such as soil cultivation, irrigation and fertilization. For best results, use mechanical or power seeding equipment (slit seeders) for good seed-to-soil contact.

#### **USE RESTRICTIONS**

- Do not apply more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lbs./1,000 sq. ft.) per application or more than 600 lb. (1.5 lb. active ingredient) per acre (13.8 lbs./1,000 sq. ft.) per year is using split or sequential applications.
- In the state of New York, this product may be applied only by commercial applicators at no more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.
  - Do not use clippings from treated turf for animal feed or for mulching around vegetables or fruit trees
  - Do not allow domestic animals to feed or forage on treated turf.
  - Keep people and pets off treated areas until dust has settled.

#### CRABGRASS CONTROL

Dithiopyr 0.25% Plus Fertilizer provides pre-emergence control of crabgrass (large, smooth, and southern species) when applied prior to emergence of crabgrass from the ground. Dithiopyr 0.25% Plus Fertilizer provides "early post-emergence" control during the early stages of growth after crabgrass emerges from the ground. This early post-emergence control is limited and applications are only effective if applied before the crabgrass has its 3-leaf or first tiller (which usually is about the time when you can first see the crabgrass in the lawn). With this post-emergence activity, the applicator has 2 to 4 weeks longer to make applications for control of crabgrass.

For best results, apply Dithiopyr 0.25% Plus Fertilizer within a few days after mowing and delay mowing again for a few days after application. Rainfall or irrigation activates the product. Improved weed control will result if the application is followed by ½ inch of rainfall or sprinkler irrigation. Weed control may be hampered if rainfall or irrigation does not occur with 30 days after application. Split, or half rate applications spaced 5 to 10 weeks apart may also enhance weed control. Cultural practices such as aerification and de-thatching should be completed and the turf allowed to recover before application of this product.

#### **APPLICATION TIMING**

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

#### SPRING APPLICATION

For single applications in the spring or early summer, follow the appropriate rate listed in "TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL" below. Rates are based on the location to be used (Region), the mowing height of the turfgrass, and whether the timing of the application is considered preemergence or postemergence. The length of residual weed control is dependent on the total rate applied, but may vary depending on weather, weed pressure and location.

Program 1: For preemergence control to turf mowed relatively high, such as home lawns. This program will provide 3 to 5 months of preemergence crabgrass control. This program should not be used for early postemergence control of crabgrass.

Program 2: For preemergence control at sites where the turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut high.

Program 3: For preemergence control at locations where turf is mowed relatively low, such as golf course fairways, and where turfgrass maintenance and weed control applications were not made the previous year. This program will provide 4 to 6 months of preemergence crabgrass control. This program may also be used for early postemergence control of crabgrass up to the fifth leaf, or first tiller, at locations where the turf is cut relatively low.

TABLE 1: APPLICATION RATES FOR CRABGRASS CONTROL

REGION	PROGRAM 1 Preemergence (high-cut turf)	PROGRAM 2 Preemergence (low-cut turf) Postemergence (high-cut turf)	PROGRAM 3 Preemergence (low-cut turf) Postemergence (low-cut turf)
All states not designated below and parts of states not included in transition, south, coastal south or west.	1.2 lb./1,000 sq. ft. (52 lb./acre or 0.13 lb./Al/acre)	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)
Transition: DE, KS, KY, MD, MO, VA, southeastern PA, southern areas of IL, IN, OH, and coastal areas of CT, NY and RI.	2.3 lb./1,000 sq. ft. (100 lb./acre or 0.25 lb./Al/acre)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Al/acre)	4.6 lb./1,000 sq. ft. (200 lb./acre or 0.5 lb./Al/acre)
South (AL, AR, AZ, CA, GA, LA, MS, NC, NM, NV, OK, SC, TN and TX)	3.5 lb./1,000 sq. ft. (152 lb./acre or 0.38 lb./Ai/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)
Coastal South (HI, FL, southern coastal areas of AL, GA, LA, MS, NC, SC, and TX	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)	2.8 + 2.8* lb./1,000 sq. ft. (124 + 124 lb./acre or 0.31 + 0.31 lb./Al/acre)	3.5 + 3.5* lb./1,000 sq. ft. (152 + 152 lb./acre or 0.38 + 0.38 lb./Al/acre)
West: AZ, CA & NV. In this climatically diverse region, use the higher rates in local areas with longer crabgrass seasons.	1.7 + 2.3* lb./1,000 sq. ft. (76 + 100 lb./acre or 0.19 + 0.25 lb./Al/acre)	2.3 + 3.5* lb./1,000 sq. ft. (100 + 152 lb./acre or 0.25 + 0.38 lb./Al/acre)	2.3 + 2.3* lb./1,000 sq. ft. (100 + 100 lb./acre or 0.25 + 0.25 lb./Al/acre)

#### **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 rates in Table 1 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 "Use Restrictions" section above.

#### **FALL APPLICATION**

Dithiopyr 0.25% Plus Fertilizer may be applied in late summer or early fall (late August through November). Follow the instructions for "Program 3" for crabgrass control through the early part of the next spring. Fall applications may be followed by an appropriate spring application to provide season-long control.

### **TURF GRASS REGIONS**

Use "Regions" within the United States:



### CONTROL OF OTHER GRASS AND BROADLEAF WEEDS

**SPRING APPLICATION:** When used as directed for crabgrass control in spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds when applied prior to their emergence:

GRASSES GRASSES			
Common Name	Botanical Name		
Barley	Hordeum spp.		
Barnyardgrass	Echinochloa crus-galli		
Bluegrass (annual roughstalk)	Poa annua		
Brome	Bromus spp.		
Crabgrass, large	Digitaria sanguinalis		
Crabgrass, smooth	Digitaria ischaemum		
Crabgrass, Southern	Digitaria ciliaris		
Crowfootgrass*	Dactyloctenium aegyptium		
Dallisgrass (seedling)	Paspalum dilatatum		
Foxtail (yellow & green)	Setaria faberi, Setaria Verdi		
Goosegrass	Eleusine indica		
Kikuyugrass*	Pennisetum clandestinum		
Oats, wild	Avena fatua		
Ryegrass (annual & perennial)	Lolium spp.		
Sandbur	Cenchrus spp.		
Smutgrass	Sporobolus indicus		
BRO	ADLEAF WEEDS		
Bittercress*	Cardamine spp.		
Carpetweed	Mullugo verticillata		
Chickweed*	Stellaria spp.		
Geranium, Carolina*	Geranium carolinianum		
Henbit	Lamium spp.		
Knotweed, prostrate	Polygonum aviculare		
Lespedeza, common*	Lespedeza striata		
Marestail	Conyza Canadensis		
Medic, black	Medicago lupulina		
Mustard	Brassica spp.		
Oxalis, buttercup	Oxalis pes-caprae		
Parsley-piert*	Alchemilla arvensis		
Pigweed, redroot	Amaranthus retroflexus		
Pineappleweed*	Matricaria matricarioides		

Purslane, common	Portulaca oleracea	
Rocket, London	Sisymbrium irio	
Shepherdspurse	Capsella bursa-pastoris	
Speedwell, corn*	Veronica arvensis	
Spurge, garden	Euphorbia hirta	
Spurge, prostrate	Euphorbia humistrata	
Spurge, spotted	Euphorbia maculate	
Woodsorrel, creeping	Oxalis corniculata	
Woodsorrel, yellow	Oxalis stricta	
* Suppression only.		

**FALL APPLICATION:** When used as directed for late summer or early fall use (late August through November), for crabgrass control through the early part of next spring, Dithiopyr 0.25% Plus Fertilizer will also control or suppress the following weeds

WEEDS CONTROLLED			
Common Name Botanical Name			
Bluegrass (annual	Pao annua		
Bittercress	Cardamine spp.		
Chickweed	Stellaria spp.		
Geranium (Carolina)	Geranium carolinianum		
Henbit	Lamium spp.		
Parsley-piert	Alchemilla arvensis		
Pineappleweed	Matricaria matricarioides		
Shepherdspurse Capsella bursa-pastoris			

#### **APPLICATION EQUIPMENT AND INSTRUCTIONS**

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 can 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). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### FOR USE ON LANDSCAPE ORNAMENTALS

Dithiopyr 0.25% Plus Fertilizer provides preemergence control or suppression of annual grass and broadleaf weeds in landscape ornamentals. Refer to "For Use on Turf" section of this label for a complete listing of weeds controlled or suppressed. This product may be applied to soil surfaces or mulch where ornamental plants are grown for aesthetic purposes in ornamental gardens, parks, golf courses, and residential areas.

#### **APPLICATION INSTRUCTIONS**

Dithiopyr 0.25% Plus Fertilizer is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination to bare ground or mulch. For best results, apply to soil that is free of clods, weeds and debris such as leaves. Before application, any existing vegetation should be removed by hand weeding, cultivation, or with the use of a postemergence herbicide. Once the application is made, do not disturb the soil surface as the herbicide barrier will be broken. Irrigate immediately after application to remove herbicide particles from the foliage to prevent foliar damage to ornamentals.

#### 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 rates in Table 2 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.

#### **USE RESTRICTIONS**

- DO NOT apply more than 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per application or more than 600 lb. (1.5 lb. active ingredient) per acre (13.8 lb. per 1,000 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 200 lb. (0.5 lb. active ingredient) per acre (4.6 lb. per 1,000 sq. ft.) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.
- Only apply this product to established ornamentals.
- DO NOT apply this product directly to the bare roots of ornamental plants as injury may result.
- DO NOT incorporate this product into soil. Dilution of active ingredient and plant root injury may
  occur.
- DO NOT apply to soil around ornamentals 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 (such as windy conditions).
- DO NOT apply this product on grasses grown for seed.
- DO NOT graze livestock or feed forage cut from areas treated with this product.

#### **USE RATES**

Apply Dithiopyr 0.25% Plus Fertilizer with a properly calibrated spreader that will provide accurate, even particle distribution. Refer to Table 2 below for product rates when treating a small area.

TABLE 2: APPLICATION RATES FOR LANDSCAPE ORNAMENTALS

Pounds Product/Acre	.Pounds Product/1,000 sq. ft.	
		Pounds of Product/100 Sq. Ft.
200	4.6	0.46 (7.4 oz.)

#### **APPLICATION EQUIPMENT AND INSTRUCTIONS**

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 can 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). Check equipment frequently to verify calibration and proper functioning. Clean and lubricate spreader after use.

#### **TOLERANT ORNAMENTALS**

When applied as directed under the conditions described on this label, the ornamentals listed below have shown tolerance in field trials. However, this product has not been tested on all cultivars of each species or under all possible growing conditions. A limited area involving only a few plants should be treated for tolerance evaluations before large-scale applications.

Common Name	Botanical Name	Tolerant Cultivars
Abelia, Dwarf	Abelia X grandiflora	Nana
Ajuga	Ajuga reptans	Bronze
	Ajuga Genevensis	Bronze Beauty
Almond, flowering	Prunus gladulosa	-
Apple*	Malus pumila	
Arborvitae	Thija occidentalis	Nigra
		Pyramidalis
		Smaragh
		Techny
·		Woodwardii
Arborvitae, Golden	Thuja orientalis	
Aster, Chinese	Callistephus chinensis	Dwarf Queen
Ash, Green	Fraxinus pennyslvanica	
Ash, Mountain	Sorbus aucuparia	
Ash, Purple	Fraxinus Americana	
Azalea	Rhodendrun 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	Rhododendron calendulaceum	
Azalea, Kirishima		·
Bamboo, Heavenly	Nandina domestica	
Barberry	Berberis thunbergii	Aurea
		Dwarf Pygmy
		Green
		Koboid
		Pygmy Red
		Rose Glow
Barberry, Purple	Berberisvulgaris	Atropurpurea
Basket Flower	Gailladia grandaflora	
Bearberry (common)	Arctostaphylos uva-ursti	Massachusetts
Bee Balm	Monarda didyma	
Begonia	Begonia spp.	
Birch, River	Betula nigra	
Blackeyed Susan	Rudbeckia hirta	Goldstrum
Blanket Flower	Gailladia spp.	
Blueberry*	Vaccinium spp.	Bluecrop
		Blue Jay
		Jersey
		North Blue

		Northland
Bottlebrush	Callistemon citrinus	Northand
Boxwood, Japanese	Buxus microphylla	Japonica
Boxwood, Weller	Buxus sempervirens	Capomoa
Broom	Cytisus spp.	Moonlight
Broom	Genista pilosa	Vancouver Gold
Bugle Carpet	Geriista piiosa	Varicouver Gold
Carnelia	Camellia japonica	Debutanta
Carriella	Сатета јаропіса	i e
i i		Mathotiana Supreme Chansonette
	Complia aggangua	Chansonette
Canali, Tuff	Camelia sasangua	Consult Milita
Candy Tuft	Ilberis spp.	Snow White
Carex, Variegated	Carex	
Cedar, Red	Juniperus virginiana	
Celosia	Celosia spp.	
Centaura	Centaurea montana	Out lat Diverse
Cockscomb, Plumosa	Celosia cristata	Scarlet Plumosa
Coleus	Coleus blumei	Red Kewpie
Columbine	Aguilegia spp.	
Copper leaf	Acalypha wilkesiana	
Coreopsis	Coreopsis spp.	Moonbloom
Cornflower	Centaurea spp.	
Cotoneaster	Ctoneaster apiculatus	
Coyotebrush	Baccharis pelularis	٠.
Cycads	Cycads revolute	
Cypress, Bald	Taxodium distichum	
Cypress, Italian	Cupressus sempervirens	Glauca
Cypress, Japanese False	Chamaecyparis obtuse	Gracilis
Cupress, Leyland	Cupressocyparis leylandii	·
Daffodil	Narcissus spp.	King Alfred
Daylilly	Hemerocallis spp.	Aztec Gold
		Bright Yellow
		(Hybrid)
		Single Gold (Evergreen)
		Wilson's Yellow
Delphinium	Delphinium spp.	Magic Fountain
Dianthus (Sweet William)	Dianthanthus spp.	
Dogwood	Cornus florida	·
Dogwood, American	Cornus sericea	Flavarimaea
Douglas Fir	Psuedotsuga menziesil	
Dusty Miller	Senecio cineraria	
Elm, Drake	Ulmus parvifolia	
Euonymus	Euonymus fotunei	Argenteo-variegata
		Auereo-marginata
		Colorata
		Emerald Gaiety
		Emerald 'N Gold
		Gold Edge
		Gold Princess
		Silver King
		Tricolor
Fon Bolm, Furences	Chamaarans humilis	Vegetus
Fan Palm, European	Chamaerops humilis	
Fan, Plam, Mexican	Washingtonia robusta	
Fern (various)	Asparagus spp.	
Fescue	Festuca glauca	

Fetterbush	Leucothoe fontiana	Rainbow
Ficus	Ficus retusa	Nitidia
Fir, Fraser	Abies fraseri	
Forsythia	Forsythia X intermeida	Arnold Dwarf
1 Graytina	, ordytina x intormoraa	Bronxensis Dwarf
		Lynwood Gold
		1 -
		Meadowlark
·		Weeping
	Spring Glory	
Fuchsia	Fuchsia spp.	
Galium	Galium ordoratum	
Gardenia	Gardenia jasminoides	Mystery
		Radicans
Geranium	Pelargonium X hortorum	
Gum	Eucalyptus citriodora	
Hawthorn	Crataegus spp.	Cockspur White
		Crimson Cloud
,		Enchantress
		Jack Evans
		Washington White
Heather, Twisted	Erica cinerea	Mediterranean Pink
Hemlock, Canada	Tsuga canadensis	, mountainouvi min
Hibiscus	Hibiscus spp.	Blue Bird
Tholseas	Thologod Spp.	Brilliant
		Hula Girl
Holly	llex spp.	Blue Boy
Flority	nex spp.	Blue Girl
	llov V maganiaga	
	llex X meserveae	Burfodii
		China Girl
		Compacta
		Forsteri
		Hellerie
		Japanese Northern Beauty
		Needlepoint
		Nellie R. Stevens
	llex X attenuata	Savanah
Holly, Chinese	llex cornuta	
Holly, Japanese	llex crenata	
Holly, Yaupon	llex vomitoria	
Honeysuckle	Lonicera japonica	Clavey's Dwarf
		Hilliana
		Tatarian Canadian White
		Zebelli Red Hosta
Hosta	Hosta spp.	Albo Marginata
· ·	Hosta lancifolia	
Ice Plant	Carpobrotus edulis	
Impatiens	Impatiens spp.	
Iris	Iris spp.	Dwarf Blue
		Wedgewood
lvy, English	Hedera helix	Bulgaria
,, =g		Thorndale
Jasmine, Asian	Trachelospermum asiaticum	
Juniper	Juniperus spp.	Arcadia
- Campor	· ·	Armstrong
		Bar Harbor
	luninarus harizantalia	1
	Juniperus horizontalis	Blue Chip

		Blue Pacific
	•	Blue Rug
		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
·	Juniperus chinensis	Tamariscifolia
	Juniperus Sabina	Weberi
		Youngstown
		Yukon Belle
King Palm	Archontophoenix cunninghamiana	
Laurel, Australian	Pittosporum tobira	
Laurel, Mountain	Kalmia latifolia	
Leucothoe	Leucothoe fontanesiana	
Ligustrum, Japanese	Ligustrum japonicum	
Lily, Afircan	Agapanthus africanus	Albus
		Peter Pan
Lily, African Blue		
Lily of the Valley	Pieris japonica	Mt. Fire
Lilyturf	Liriope muscari	Evergreen Giant
		Lilac Beauty
		Majestic
		Monroe White
		Variegata
Liriope, Green	Liriope spicata	
Maple, Japanese	Acer japonicum	
Maple, Norway	Acer platanoides	
Maple, Red	Acer rubrum	·
Maple, Silver	Acer saccharinum	
Maple, Sugar	Acer saccharum	
Marigold	Tagetes patula	Honeycomb
	·	Variegata
		Wheeler's Dwarf
Mock Orange*	Philadelphus spp.	Golden
	'''	Snowflake Double White
	1	

		Cunningham White
Rhododendron	Rhodendron spp.	Album
Quince, Japanese*	, a sada am rammanzonianam	
Queen Palm	Arecastrum rammanzoffianum	Violoty
		Victory
r yracanula 	i yracanina koluzullii	Lalandei
Privet, Glossy Pyracantha	Ligustrum lucidum Pyracantha koidzumii	Gnome
Brivet Glessy	Liquatrum luoidum	Yellow Tipped
·		Wax Valley Tipped
		Texanum
		Regal
Privet	Ligustrum japonicum	Golden Vicary
D 5 1	Potentilla fruiticosa	0.11
Potentilla	Potentilla nepalensis	Abbotswood
Pittosporum, Japan		·
Pineapple, Guava	Feijoa fellowiana	
Pine, White	Pinus strobes	
Pine, Virginia	Pinus virginiana	•
Pine, Swiss Mt.	Pinus mugo	·
Pine, Slash	Pinus elliottii	
Pine, Scotch	Pinus sylvestris	
Pine, Mugho	Pinus mugho	
Pine, Longleaf	Pinus palustris	
Pine, Loblolly	Pinus taeda	
Pine, Japanese Black	Pinus thunbergiana	
Pine, Australian	Pinus nigra	
Pieris	Pieris japonica	
Photinia, Red Tip	Photinia X fraseri	
Petunia	Petunia X hybrida	Picoti
Periwinkle, Dwarf	Vinca minor	
Peach*	Prunus persica	
Paper Flower	Bougainvillea glabra	Barbara Karst
Pansy	Viola x wittrockiana	
Pampas Grass	Cortaderia selloana	
Palm, Bangalow	·	
Pachysandra	Pachysandra terminalis	·
Osteospermum	Osteospermum fruticosum	Whirligig
}		Sister Agnes
	·	Petite Pink
Oleander	Nerium oleander	Hardy Red
Oak, Willow	Quercus phellos	
Oak, Southern	Quercus virginiana	
Oak, Red	Quercus rubra	
Oak, Pin	Quercus palustris	
Oak, Laurel	Quercus laurifolia	
Narcissus	Narcissus spp.	
		Nana
Nandina	Nandina domestica	Compacta
Myrtle, Wax	Myrica cerifera	
		Standard Pink
		Muskogee
Wytho, Grapo	- Lagoron coma maica	Langer
Myrtle, Crape	Lagerstroemia indica	Faurei
Moss Rose	Portulaca grandifloro	Sunnyside
Mondo Grass	Ophiopogon japonicus	

		Fashion		
		Hardy		
		PJM		
		Purple Gem		
		Silvery Pink		
Bhodondron Carolina	Rhododendron carolinianum	Silvery Filik		
Rhodendron, Carolina		,		
Rhododendron, Catawba	Rhododendron catawbiense	0		
Rockcress	Arabis spp.	Snowcap		
Rhodia Max (Rosebay)	Rhododendron maximum			
Rose	Rosa banksiae	Luta		
Rosemary*	Rosmarinus officinalis			
Rosemary, Bog	Andromeda polifolia	Nana		
Salvia	Salvia farinacea	Rhea		
Sedum	Sedum spurium	Dragon Blood Red		
	·	Red Carpet		
		Yellow		
Snapdragon	Antirrhinum spp.			
Sourwood	Oxydendrum arboretum			
Spiraea	Astilbe X arendsii	Fanall		
Spiraea	Spirea spp.	Anthony Waterer Red		
	·	Dolchica		
		Froebeli Pink		
·		Goldenflame Red		
		Snowmound White		
·		Van Houtte White		
Spiraea, Garland	Spirea spp.			
Spruce, Black Hills	Picea glauca	•		
Spruce, Colorado Blue	Picea pungens			
Spruce, Norway	Picea abies	·		
Spruce, White	Picea glauca	Conica		
Sweetflag, Grassyy-Le	· · · · · · · · · · · · · · · · · · ·	Comod		
Sweetgum	Liquidambar styraciflua			
Sycamore	Plantanus occidentalis			
Tree Fern (Tiki Fern)	Asparagus virgatus			
Trumpet Flower, Evening	Gelsemium sempervirens	÷		
		Analdaarn		
Tulip	Tulipa spp. Lantana sellowiana	Apeldoorn		
Verbana, Shrub		Ot David		
Vervain	Verbena spp.	St. Paul		
Viburnum	Viburnum spp.	American Cranberry Bush		
	-	Arrowood		
		Common Snowball		
	·	European Cranberry Bush		
	,	Linden		
		Mohican		
	.,,	Wright		
Vinca (Periwinkle)	Vinca minor	•		
Windmill Palm	Trachycarpus fortunei			
Xylosma	Xylosma congestum			
Yarrow	Achillea spp.	•		
Yaupon	llex vomitoria	Dwarf		
Yew	Taxus cuspidate	Denisformis		
	Taxus X media			
* Ornamental species only. Do not use on food producing trees and ornamentals.				
Contaminant of social stay. Do not use of read producing frees and ornamentals.				

#### **CONDITIONS OF SALE AND WARANTY**

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

The DIRECTIONS FOR USE of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Lawn and turf injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Control Solutions, Inc. or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label, and is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE, when it is used in accordance with such directions, subject to the inherent risks mentioned above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, CONTROL SOLUTIONS, INC. NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY EXTENDS TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNING, OR CAUTIONS: BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. CONTROL SOLUTIONS, INC. and the seller offer this product, and the Buyer and User accept it, subject to the foregoing CONDITIONS OF SALE AND WARRANTY.

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[Sub Label B: Residential Use]

# Dithiopyr 0.25% Plus Fertilizer

#### **Lawn and Ornamental Herbicide**

For control of crabgrass and control or suppression many other 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 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of 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')
This bag covers XX,000 sq ft

#### **Active Ingredient**

This product contains 0.125 pound of the active ingredient dithiopyr per 50 pound bag.

# Keep Out of Reach of Children CAUTION

#### **Guaranteed Fertilizer Analysis: XX-XX-XX**

Water-Insoluble Nitrogen	XX%
Total Nitrogen (N)	XX%
Ammoniacal Nitrogen	XX%
Urea Nitrogen	XX%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	XX%
Soluble Potash (K₂O)	XX%
Calcium (Ca)	XX%
Magnesium (Mg)	XX%
Copper (Cu)	XX%
Iron (Fe)	XX%
Manganese (Mn)	XX%
Zinc (Zn)	XX%

EPA Reg. No. 53883-208 EPA Est. No. XXXXX-XXX Net Weight: Control Solutions, Inc., 5903 Genoa-Red Bluff, Pasadena, TX 77507

# Precautionary Statements Hazards to Humans and Domestic Animals

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 of frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

FIRST AID		
IF IN EYES:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
IF ON SKIN OR	Take off contaminated clothing.	
CLOTHING:	Rinse skin immediately with plenty of water for 15-20 minutes.	
	Call a poison control center or doctor for treatment advice.	
IF SWALLOWED:	<ul> <li>Call a poison control center or physician immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> </ul>	
	• Do not induce vomiting unless told to do so by the poison control center of physician.	
	Do not give anything by mouth to an unconscious person.	
IF INHALED:	Move person to fresh air.	
	• If person is not breathing, call 911 or an ambulance, then give artificial	
	respiration, preferably mouth-to-mouth, is possible.	
• .	Call a poison control center or doctor for further treatment advice.	

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

#### **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.

#### **DIRECTIONS FOR USE**

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 for recycling if available.

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

#### For Use On Turf

This turf fertilizer product, containing Dithiopyr 0.25% Plus Fertilizer can be applied up to 4 weeks later than other crabgrass preventers and provides up to 4 months of crabgrass control.

Dithiopyr 0.25% Plus Fertilizer 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.

- Florida Applications: Do not exceed [2] [3] applications per year on bahiagrass in the north. Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 GrassesWarm-Season GrassesBentgrass, creepingBahiagrassBluegrass, KentuckyBermudagrass

Fescue, fine Buffalograss
Fescue, tall Carpetarass

Ryegrass, perennial Centipedegrass St. Augustinegrass

Zoysiagrass

#### **Use Restrictions:**

- Do not apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).
- 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.

#### **Use Precautions**

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 it turfgrass injury.
- For best results, cultural practices that disturb the soil, such as core-, spike-, or hydroaerification; 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 4.6 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.

#### **Application Timing**

#### **Spring Application**

**Control of Crabgrass:** Dithiopyr 0.25% Plus Fertilizer 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.

#### **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**

Dithiopyr 0.25% Plus Fertilizer will provide control of crabgrass and control or suppression of other listed grass and broadleaf weeds when applied prior their germination.

Grasses	Broadleaf Weeds bittercress*
barley	
barnyardgrass	carpetweed
bluegrass, annual	chickweed *
brome	geranium, Carolina*
crabgrass, large	henbit
crabgrass, smooth	knotweed, prostrate
crabgrass, Southern	lespedeza, common *
Crowfootgrass*	marestail
dallisgrass	medic, black
goosegrass	mustard
foxtail, green	oxalis, buttercup
foxtail, yellow	pineappleweed
kikuyugrass *	pigweed, redroot
oats, wild	parsley-piert *
ryegrass (annual & perennial)	purslane, common

sandbur smutgrass rocket, London shepherdspurse speedwell, corn\* spurge, garden spurge, prostrate spurge, spotted woodsorrel, creeping woodsorrel, vellow

\*Suppression only

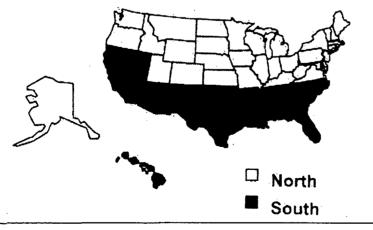
#### **Use Rates**

Amount of Dithiopyr 0.25% Plus Fertilizer to Apply				
(Pounds of product to apply per 1,000 square feet of turfgrass*)				
Length of Crabgrass Control				
Region of U.S.	2 - 3 months	3 -4 months	Early Postemergence Control	
North	1.2 lb/1000 sq ft	1.6 lb/1000 sq ft	2.0 - 4.6 lb/1000 sq ft**	
	0.128 lb ai/acre)	(0.174 lb ai/acre)	(0.22 - 0.5 lb ai/acre)	
South	1.8 lb/1000 sq ft	2.0 - 2.4 lb/1000 sq ft**	2.0 - 4.6 lb/1000 sq ft**	
	(0.192 lb ai/acre)	(0.22-0.256 lb ai/acre)	(0.22 - 0.5 lb ai/acre)	

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

Dithiopyr 0.25% Plus Fertilizer 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 Dithiopyr 0.25% Plus Fertilizer 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:



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

#### **Application Equipment and Instructions**

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.

Check equipment frequently to verify calibration and proper functioning.

Brand and Model of Spreader	Calibration Settings at Specified Rate (lb/1000 sq ft)					
	1.2	1.6-	1.8	2.0	2.4	4.6
XXXXX XX	XX	XX	XX	XX	ХХ	
·	i					

#### For Use On Landscape Ornamentals

Dithiopyr 0.25% Plus Fertilizer 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.

#### **Application Instructions**

Apply Dithiopyr 0.25% Plus Fertilizer 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	Ounces of Product per
1000 Square Feet	100 Square Feet*
4.6	0.46 (7.4 oz)

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

#### **Use Restrictions**

- **Do not** apply more than 4.6 lb of this product per 1,000 sq ft per application and no more than 13.8 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 2.3 lb per 1000 sq ft per year of this product (equivalent to 0.25 lb of active ingredient per acre).

Dithiopyr 0.25% Plus Fertilizer 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.
- **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.
- To avoid foliar damage to ornamentals, irrigate immediately after application to remove herbicide particles from the foliage.
- **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, Dithiopyr 0.25% Plus Fertilizer 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	Abelia X grandiflora	nana
ajuga	Ajuga reptans Ajuga genevensis	bronze beauty
almond, flowering	Prunus gladulosa	
apple*	Malus pumila	
arborvitae	Thuja occidentalis	nigra pyramidalis smaragh techny woodwardii
arborvitae, golden	Thuja orientails	
aster, Chinese	Callistephus chinensis	dwarf queen
ash, green	Fraxinus pennsylvanica	
ash, mountain	Sorbus aucuparia	
ash, purple	Fraxinus americana	
azalea	Rhododendron 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	Rhododendron calendulaceum	
azalea, kirishima	The design of the distribution of the distribu	<u> </u>
bamboo, heavenly		
barberry	Berberis thunbergii	aurea dwarf pigmy green kobold pygmy red rose glow
Barberry.purple		atropurpurea
basket flower	Gaillardia grand/flora	
bearberry (common)	Arctostaphylos uva-ursi	Massachusetts
bee balm	Monarda didyma	
begonia	Begonia spp.	
birch, river	Betula nigra	
blackeyed Susan	Rudbeckia hirta	goldstrum
blanket flower	Gaillardia spp.	
blueberry*	Vaccinium spp.	bluecrop blue jay jersey north blue northland
bottlebrush	Callistemon citrinus	
boxwood, Japanese		japonica
boxwood, weller	Buxus sempervirens	
broom	Cytisus spp.	moonlight
	Genista pilosa	Vancouver gold
bugle carpet	C-n-Ilia danania	
camellia	Camellia japonica Camellia sasanqua	debutante mathotiana supreme chansonette
candy tuft	iberis spp	snow white

carex, variegated	Carex	<u> </u>
cedar, red	Juniperus virginiana	
celosia		
	Celosia spp.	+
centaura	Centaurea montana	
cockscomb, plumosa	Celosia cristata	scarlet plumosa
coleus	Coleus blumei	red kewpie
columbine	Aquilegia spp.	·
copper leaf	Acalypha wilkesiana	
coreopsis	Coreopsis spp.	moonbeam
corn flower	Centaurea spp.	
cotoneaster	Cotoneaster apiculatus	
coyotebrush	Baccharis pilularis	
cycads	Cycads revoluta	
cypress, bald	Taxodium distichum	
cypress, Italian	Cupressus sempervirens	
cypress, Japanese false		
cypress, leyland	Cupressocyparis leylandii	
daffodil	Narcissus spp.	
daylilly	Hemerocallis spp.	+
dayiiiy	memerocanis spp.	aztec gold
		bright yellow (hybrid)
		single gold (evergreen) wilsonis yellow
		Wilson's yellow
dianthus (sweet	Dianthus spp.	
william)		ļ
delphinium	Delphinium spp.	magic fountain
dogwood	Cornus florida	
dogwood, American	Cornus sericea	flavarimaea
douglas fir	Pseudotsuga menziesii	
dusty miller	Senecio cineraria	
elm, drake	Ulmus parvifolia	
euonymus	Euonymus fortunei	argenteo-variegata
}		auereo-marginata
		colorata
		emerald gaiety
·		emerald en gold
i ·	·	gold edge
		gold princess
,	·	silver king
	,	tricolor
		vegetus
fon nalm. European	Chamaerops humilis	-5
fan palm, European		,
fan palm, Mexican	Washingtonic robusta	
fern (various)	Asparagus spp.	
fescue	Festuca glauca	
fetterbush	Leucothoe fontanesiana	rainbow
ficus	Ficus retusa	nitidia
fir fraser	Abies fraseri	

forsythia	Forsythia X intermedia	Arnold dwarf
Torsycrita	Forsychia X Intermedia	bronxensis dwarf
•	· ·	lynwood gold
	· ·	meadowlark
	Consider of Classes	weeping
	Spring Glory	weeping
fuchsia	Fuchsia spp.	
galium	Galium ordoratum	
gardenia	Gardenia jasminoides	mystery
	·	radicans
geranium	Pelargonium X hortorum	,
gum	Eucalyptus citriodora	
hawthorn	Crataegus spp.	cockspur white
TIGWE TOTAL	Crataegas spp.	crimson cloud
	· ·	enchantress
		Jack Evans
		Washington white
heather, twisted	Erica cinerea	Mediterranean pink
hemlock, Canada	Tsuga canadensis	Predicerranean princ
hibiscus	<u> </u>	blue bind
Hibiscus	Ĥibiscus spp.	blue bird brilliant
		hula girl
holly	llex spp.	
Tiony	liex spp.	blue boy blue girl
	llex X meserveae	burfodii
	IIEX X Mescrycae	china girl
	1	compacta
		forsteri
•		hellerie
		Japanese northern beauty
		needlepoint
		Nellie R. Stevens
-	llex X attenuata	Savannah
holly, Chinese	llex cornuta	
holly, Japanese	llex crenata	
Holly, yaupon	llex vomitoria	
honeysuckle	Lonicera japonica	claveyis dwarf
Honeysuckie	Lorncera japornea	halliana
		tatarian Canadian white
		zebelli red hosta
hosta	<u> </u>	albo marginata
HUSLd	Hosta spp.	aibo marginata
	Hosta lancifolia	
ice plant	Carpobrotus edulis	
impatiens	Impatiens spp.	·
iris	Iris spp.	dwarf blue
		wedgewood
ivy, English	Hedera helix	bulgaria
ivy, English	Todaja Honx	thorndale
incoming Acid-	Tracholognormum aciaticum	diornate
jasmine, Asian	Trachelospermum asiaticum	

juniper	Juniperus spp.	auga dia
Junipei	pumperus spp.	arcadia
		armstrong bar harbor
·		
. '	Juniperus horizontalis	blue chip
		blue pacific
		blue rug
	Juniperus horizontalis	blue star
		broadmoor
		buffalo
•		Calgary carpet
		emerald sea
		emerald spreader
,	·	endora compacta
		fruitlandi
		green
<b>'</b> ,	·	gold tip
		hetzi
		hughes
		Manhattan blue
		parsoni
		pfitzeriana
		plumosa
		prince of Wales
		procumbens dwarf
	Juniperus horizontalis	San Jose
		sargent blue
		sargent green
	<b>)</b> .	scandia
		scopulorum moonglow
		scopulorum skyrocket
		spartan
	<u> </u>	
	Juniperus chinensis	tamariscifolia
	Juniperus sabina	weberi .
		youngstown
		yukon belle
king palm	Archontophoenix	
	cunninghamiana	
laurel, Australian	Pittosporum tobira	
laurel, mountain	Kalmia latifolia	
leucothoe	Leucothoe fontanesiana	
ligustrum, Japanese	Ligustrum japonicum	
lily, African	Agapanthus africanus	albus
		Peter Pan
lily, African blue		
lily of the valley	Pieris japonica	Mt. Fire

lilyturf	Liriope muscari	avarana siant
illytui i	Elliope muscari	evergreen giant
· ·		lilac beauty
ł		majestic
l		monroe white
	•	variegata
liriope, green	Liriope spicata	
maple, Japanese	Acer japonicum	
maple, Norway	Acer platanoides	
maple, red*	Acer rubrum	
maple, silver	Acer saccharinum	
maple sugar*	Acer saccharum	
marigold	Tagetes patula	honeycomb
		variegata
		wheeleris dwarf
mock orange*	Philadelphus spp	golden
	,	snowflake double white
mondo grass	Ohiopogon japonicus	
moss rose	Portulaca grandiflora	sunnyside
myrtle, crape	Lagerstroemia indica	faurei
		langer
		muskogee
		standard pink
myrtle, wax	Myrica cerifera	
nandina	Nandina domestica	compacta
Hariania	l della dell'estea	nana
narcissus	Narcissus spp.	
oak, laurel	Quercus laurifolia	
oak, pin	Quercus palustris	
oak, red	Quercus rubra	
	<del></del>	
oak, southern	Quercus virginiana	
oak, willow	Quercus phellos	
oleander	Nerium oleander	hardy red
	·	petite pink
		Sister Agnes
osteospermum	Osteospermum fruticosum	wirligig
pachysandra	Pachysandra terminalis	
palm, bangalow		
pampas grass	Cortaderia selloana	
pansy	Viola x wittrockiana	
paper flower	Bougainvillea glabra	Barbara karst
peach*	Prunus persica	
periwinkle, dwarf	Vinca minor	
petunia	Petunia X hybrida	picoti
photinia, red tip	Photinia X fraseri	
pieris	Pieris japonica	
	Pinus nigra	
pine, Australian		
pine, Japanese black	Pinus thunbergiana	

pine, loblolly	Pinus taeda	
pine, longleaf	Pinus palustris	
pine, mugo	Pinus mugho	
pine, Scotch	Pinus sylvestris	
pine, slash	Pinus elliottii	·
pine, Swiss mt.	Pinus mugo	
pine, Virginia	Pinus virginiana	
pine, white	Pinus strobus	
pineapple, guava* pieris	Feijoa sellowiana Pieris taiwanensis	
pittosporum, Japan	Fierrs calwarierisis	
potentilla	Potentilla nepalensis	abbotswood
. ,	Potentilla fruticosa	
privet	Ligustrum japonicum	golden vicary regal texanum wax yellow tipped
privet, glossy	Ligustrum lucidum	
pyracantha	Pyracantha koidzumii	gnome lalandei victory
queen palm	Arecastrum rammanzoffianum	
quince, Japanese*		
rhododendron	Rhododendron spp	album Cunningham white fashion hardy pjm purple gem silvery pink
rhododendron, carolina	Rhododendron carolinianum	
rhododendron, catawba	Rhododendron catawbiense	
rockcress	Arabis spp.	snowcap
rhodie max (rosebay)	Rhododendron maximum	
rose*	Rosa banksiae	luta
rosemary*	Rosmarinus officinalis	
rosemary, bog	Andromeda poilfolia	nana
salvia	Salvia farinacea	rhea
sedum	Sedum spurium	dragon blood red
	,	red carpet yellow
snapdragon	Antirrhinum spp.	
sourwood	Oxydendrum arboreum	·
spiraea	Astilbe X arendsii	fanall

spiraea	Spiraea spp.	Anthony waterer red dolchica froebeli pink goldenflame red snowmound white Van Houtte white
spiraea, garland	Spiraea spp.	
spruce, black hills	Picea glauca	
spruce, Colorado blue	Picea pungens	
spruce, norway	Picea abies	
spruce, white	Picea glauca	conica
Sweetflag, grassyy-le		
sweetgum	Liquidambar styraciflua	
sycamore	Platanus occidentalis	
tree fern (tiki fern)	Asparagus virgatus	
trumpet flower, evening	Gelsemium sempervirens	
tulip	Tulip, spp	apeldoom
verbena, shrub	Lantana sellowiana	
vervain	Verbena spp	St. Paul .

viburnum	Viburnum spp.	American cranberry bush arrowwood common snowball European cranberry bush linden Mohican Wright
vinca (periwinkle)	Vinca minor	
windmill palm	Trachycarpus fortunei	
xylosma	Xylosma congestum	
yarrow	Achillea spp.	
yaupon	llex vomitoria	dwarf
yew	Taxus cuspídata Taxus X media	denisiformis

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

#### **Terms and Conditions of Use**

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 consistent with applicable 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.

#### **Warranty Disclaimer**

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 consistent with applicable law, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

#### **Inherent Risks of Use**

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 consistent with applicable law, all such risks shall be assumed by Buyer.

#### **Limitation of Remedies**

To the extent consistent with applicable 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 consistent with applicable 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 consistent with applicable 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.

#### [Optional Label Claims]

- A Selective Herbicide Plus Fertilizer that Provides Control of Crabgrass and Other Listed Weeds in Established Lawns and Ornamental Turfgrasses and Residential Landscapes.
- Granular Fertilizer Providing the Nutrients Needed for Beautiful Healthy Lawn and Ornamentals.
- Contains Dithiopyr 0.25% Plus Fertilizer A Herbicide for Crabgrass Control.
- Can Be Applied Up to 4 Weeks Later Than Other Preemergence Crabgrass Preventers.
- This Bag Treats Up To Square Feet