



# Dimension\* 0.17% + Fertilizer

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.

- 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.

**Covers up to 19,230 sq Ft (190.23' x 100')**

In the state of New York, this product may be applied only by commercial applicators at no more than 294 lb of active ingredient per acre per year (0.5lb active ingredient/acre/year). In Nassau and Suffolk Counties of New York, do not exceed 147 lb of active ingredient per acre per year (0.25lb active ingredient/acre/year).

**ACTIVE INGREDIENT:**

Dithiopyr: 3,5-pyridinedicarboithoic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester..... 0.17%

**OTHER INGREDIENTS:**

..... 99.83%

Total: ..... 100.0%

This product contains 0.085 pounds of the active ingredient dithiopyr per 50 pound bag.

# 14-0-14

**GUARANTEED FERTILIZER ANALYSIS**

TOTAL NITROGEN (N) ..... 14.0%

14.0% Urea Nitrogen\*

SOLUBLE POTASH (K<sub>2</sub>O) ..... 14.0%

TOTAL SULFUR (S) ..... 5.0%

5.0% Combined Sulfur

DERIVED FROM: Urea, Sulfate of Potash

It is a violation of law in Maryland, New Hampshire, 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.

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.

## KEEP OUT OF REACH OF CHILDREN CAUTION

**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 and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.**

**FIRST AID**

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

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

**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.

**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 wash-waters.

**Non-target Organism Advisory:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

**Groundwater Advisory:** This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water is shallow.

**Surface Water Advisory:** This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground. This product is classified as having a high potential for reaching surface water via runoff for several weeks after application.

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.

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 Risk of Use, and Limitations of Remedies at the end of Directions for Use. If terms are unacceptable, return at once unopened.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any 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.

**Herbicide Resistance Management**

For resistance management, this product is a Group 3 herbicide based upon the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes

may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed. To delay development of herbicide resistance, take one or more of the following steps.

- Alternate use of this product or other Group 3 herbicides with other products with different herbicide groups that control the same weeds.
- This product can be tank mixed or used sequentially with other approved products to broaden the spectrum of weed control, provide multiple modes of action, and control weeds that this product does not control.
- Use herbicides based on an IPM program.
- Monitor treated areas and control escaped weeds.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product and switch to another management strategy or herbicide with a different mode of action, if available.
- For more information or to report suspected resistance, contact your extension specialist or contact a customer service representative at 800-992-5994.

**Use Directions for Turf**

Dimension\* 0.17% + Fertilizer 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.

- 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/gfbmp07.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:

**Cool-Season Grasses:**

- |                      |                            |
|----------------------|----------------------------|
| bentgrass, creeping* | <i>Agrostis palustris</i>  |
| bluegrass, Kentucky  | <i>Poa pratensis</i>       |
| fescue, fine**       | <i>Festuca rubra</i>       |
| fescue, tall         | <i>Festuca arundinacea</i> |
| ryegrass, perennial  | <i>Lolium perenne</i>      |

**Warm-Season Grasses:**

- |                    |                                |
|--------------------|--------------------------------|
| bahiagrass         | <i>Paspalum notatum</i>        |
| bermudagrass       | <i>Cynodon dactylon</i>        |
| buffalograss***    | <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>         |

\*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*).

\*\*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', 'bigart', 'CF-2', 'enjoy', 'HF-93', 'highlight', 'ivalo', 'Jamestown', 'koket', 'majenta', 'mary', 'pennlawn', 'tamara', 'tajjana', 'waldorf', and 'waldina'. Not all varieties of fine fescue have been tested.

\*\*\*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 specified 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 6.8 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.

The maximum rate of application of this product must not exceed the lesser of the applicable rate determined from the use rates or broadcast application rates, and the applicable rate determined in the State Nutrient Restrictions Table

STATE NUTRIENT RESTRICTIONS		
State	Readily Available Nitrogen* lb/1,000 sq ft	Total Nitrogen lb/1,000 sq ft
MD, NH, VA	0.7	0.9
NJ	0.7	1.0
PA	0.7	0.9

\* Nitrogen present beyond the amount shown as Readily Available must be in the form of Slow-Release Nitrogen

EPA REG. NO. 62719-485-82757  
EPA EST. NO. 82757-OH-001 (MF)  
EPA EST. NO. 82757-MA-002 (H)  
EPA EST. NO. 82757-FL-001 (S)

First Letter of Lot # Indicates Manufacturing Site

F1612  
Distributed by:  
**Turf Care Supply LLC**  
50 Pearl Road, Suite 200  
Brunswick, OH 44212

Net Weight 50 lbs. (22.67 kg)

#905474



# Dimension\* 0.17% + Fertilizer

## 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.
- **Do not** apply this product until turfgrass has recovered from the mechanical injury caused by these cultural practices.

### Application Directions for Turf

Apply Dimension® 0.17% FG turf and ornamental herbicide with equipment that provides a uniform particle distribution. Calibrate application equipment prior to usage. Avoid streaking, skips, or excess overlaps during application.

### Preemergence Application Rates, Frequency and Timing

For preemergence grass and broadleaf weed control, apply Dimension® 0.17% FG turf and ornamental herbicide as single or sequential application at 147 to 294 pounds (0.25 to 0.5 lb active ingredient) per acre. Applicators may choose to make a single application or sequential applications at 147 to 294 pounds per acre at 5 to 10 week intervals based on one or more of the factors listed below. Avoid streaking, skips, or excess overlaps during application.

- Length of residual weed control desired
- Height of turf (lower cut turf may require higher use rates)
- History and success of weed control at the application site (use higher listed application rates if herbicide treatment history is unknown or weed control was poor with previous applications)
- Exposure to high temperatures and heavy rainfall or irrigation (this will shorten the residual preemergence performance)
- On turf sites adjacent to hard surfaces including driveways, sidewalks and parking lots where residual activity may be reduced
- Some target weed species (such as but not limited to *Poa annua*, goosegrass and sandbur) will require higher use rates

### 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.

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

- **Do not** apply more than 294 lb (0.5 lb active ingredient) per acre (6.8 lb per 1000 sq ft) per application or more than 882 lb (1.5 lb active ingredient) per acre (20.4 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 294 lb (0.5 lb active ingredient) per acre (6.8 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

### Control of Crabgrass

#### Pre-emergence and Early Post-emergence Applications from Late Winter through Summer

- 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 at use rates from 147 to 294 pounds (0.25 to 0.5 lb active ingredient) per acre.
- This product also provides "early postemergence" control of crabgrass if applied in late spring or early summer 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.

### Fall Applications

This product can also be applied in the late summer through early fall (late August through November) at use rates from 147 to 294 pounds per acre 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 Application

When applied preemergence (prior to germination) for control of crabgrass in the spring, this product will also control or suppress the following weeds.

Grasses		Broadleaf Weeds	
barley	<i>Hordeum</i> spp.	bittercress †	<i>Cardamine</i> spp.
barnyardgrass	<i>Echinochloa crus-galli</i>	carpetweed	<i>Mollugo verticillata</i>
bluegrass, annual	<i>Poa annua</i>	chickweed †	<i>Stellaria</i> spp.
brome	<i>Bromus</i> spp.	geranium, Carolina †	<i>Geranium carolinianum</i>
crabgrass, large	<i>Digitaria sanguinalis</i>	henbit	<i>Lamium</i> spp.
crabgrass, smooth	<i>Digitaria ischaemum</i>	knotweed, prostrate	<i>Polygonum aviculare</i>
crabgrass, Southern	<i>Digitaria ciliaris</i>	lespedeza, common †	<i>Lespedeza striata</i>
crowfootgrass †	<i>Dactyloctenium aegyptium</i>	marestail	<i>Conyza canadensis</i>
dalisgrass (seedling)	<i>Paspalum dilatatum</i>	medic, black	<i>Medicago lupulina</i>
goosegrass	<i>Eleusine indica</i>	mustard	<i>Brassica</i> spp.
foxtail, green	<i>Setaria Verdi</i>	oxalis, buttercup	<i>Oxalis pes-caprae</i>
foxtail, yellow	<i>Setaria faberi</i>	pineappleweed †	<i>Matricaria matricarioides</i>
kikuyugrass †	<i>Pennisetum clandestinum</i>	pigweed, redroot	<i>Amaranthus retroflexus</i>
oats, wild	<i>Avena fatua</i>	parsley-piert †	<i>Alchemilla arvensis</i>
ryegrass (annual & perennial)	<i>Lolium</i> spp.	purslane, common	<i>Portulaca oleracea</i>
sanbur	<i>Cenchrus</i> spp.	rocket, London	<i>Sisymbrium irio</i>
smutgrass	<i>Sporobolus indicus</i>	shepherds-purse	<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>
shepherds-purse	<i>Capsella bursa-pastoris</i>

### 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.

Check equipment frequently to verify calibration and proper functioning.

### Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risk of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund or purchase price paid. To the extent permitted by law, 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 purpose stated on the label when used in strict accordance with the directions, subject to the inherent risk 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.

### Inherent Risks of Use

It is impossible to eliminate all risk associated with the 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 the Seller. To the extent permitted by law, all such risks shall be assumed by Buyer.

### Limitations of Remedies

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, tort, 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 the 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 Risk 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.

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.aapfco.org/metals.htm>.

DIMENSION\* is a Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

TCS GrowStar® is a registered trademark of Turf Care Supply LLC

<p>EPA REG. NO. 62719-485-82757            EPA EST. NO. 82757-OH-001 (MF)            EPA EST. NO. 82757-MA-002 (H)            EPA EST. NO. 82757-FL-001 (S)  <i>First Letter of Lot # Indicates Manufacturing Site</i></p> <p><b>#905474</b></p>	<p>F1612            Distributed by:  <b>Turf Care Supply LLC</b>            50 Pearl Road, Suite 200            Brunswick, OH 44212</p>
<p><b>Net Weight: 50 lbs. (22.67 kg)</b></p> <p><b>TurfCare™</b>            Supply, LLC</p>	