



Dimension® 0.27G T&O

For season-long 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) and container and field-grown nursery ornamentals.

- Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.
• For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

In the state of New York, this product may be applied only by commercial applicators at no more than 185 lb (0.5 lb active ingredient) per acre (4.25 lb per 1000 sq ft) per year. Use of this product in Nassau and Suffolk counties of New York is prohibited.

Active Ingredient: dithiopyr, 3,5-pyridinedicarbonylthioate acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester ... 0.27%
Other Ingredients ... 99.73%
Total ... 100.00%

This product contains 0.135 pounds of the active ingredient, dithiopyr, per 50 pound bag.

EPA Reg. No. 62719-429-32802
EPA Est. No. 59144-GA-1(A), 32802-MO-1(B), 37351-CO-1 (C)
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Net Weight 40 lbs (18.44 kg)

Manufactured for: Howard Johnson's Enterprises, Inc.
9675 S. 60th Street, Franklin, WI 53132

Keep Out of Reach of Children

CAUTION

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

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

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

Precautionary Statements

CAUTION

Hazards to Humans and Domestic Animals

Causes Moderate Eye Irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet.

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.

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 medical treatment information.

Environmental Hazards

This product is toxic to fish. Drift and runoff may adversely affect aquatic organisms. 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 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. Read all directions carefully before applying this product.

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 case of spill, sweep up material and dispose of material according to label directions.

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 Reuse: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.

Use Directions for Turf
Dimension® 0.27G T & O 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

- Do not use this product on golf greens.
• Do not apply this product to Colonial bentgrass.
• For best results, cultural practices that disturb the soil, such as core, spike, hydro-aerification, or verticutting, and topdressing should be done before application of this product. This product should not be applied until turfgrasses have recovered from stresses related to these or other mechanical operations. Irrigation or rainfall within 7 days after application will improve the performance of this product.
• Reseeding or Sprigging: Reseeding, overseeding, or sprigging of turf grasses into areas that have been previously treated with this product should be delayed until 12 weeks from the time of application. If overseeding with perennial ryegrass, delay overseeding at least 6 weeks after application. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment (sill seeders) designed to give good seed-to-soil contact.

- This product may be used on seeded, sodded, or sprigged turf grass that is well established. Allow the turf to develop a good root system and uniform stand before application. Use of this on turfgrass not well established, weakened by lack of moisture, chemical injury, insect disease, or temperature extremes that cause stress will increase the potential for injury. Allow turf grass weakened by these stresses to recover before application of this product.
• This product may be applied as a single application or as a split application in the spring, summer or fall.
• This product will prevent germination of annual bluegrass.
• This product will not affect established annual bluegrass. If maintenance of annual bluegrass is desired, do not use this product during time of annual blue grass germination. For AZ, CA, NV, OR, WA, NM, ID, MT and UT, this product may contribute to thinning or stand reduction in established stands of annual bluegrass.
• Do not use clippings from treated turf for mulching around vegetables or fruit trees.
• Do not allow domestic animals to feed or forage on the treated turf or clippings from treated turf.

When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Table with 2 columns: Cool-Season Grasses (bentgrass, creeping T, bluegrass, Kentucky fescue, fine fescue, tall fescue, perennial ryegrass) and Warm-Season Grasses (bahiagrass, bermudagrass, buffalograss, carpetgrass, centipedegrass, kikuyugrass, St. Augustinegrass, zoysiagrass). Includes scientific names like Agrostis stolonifera, Poa pratensis, Festuca rubra, etc.

† Do not apply this product to Colonial bentgrass. Use of this product on certain varieties of creeping bentgrass, such as 'Carmen', 'Cohansy', or 'Seaside' will result in undesirable turf injury. Not all varieties of creeping bentgrass have been tested.

‡ The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivado', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlaw', 'Tamar', 'Tatjana', 'Waldorf', and 'Waldina'.

Application Equipment and Instructions

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Calibrate application equipment prior to usage, and apply this product uniformly over the turfgrass area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction of application. Avoid the use of spreaders that apply granular materials in narrow rows or concentrated bands. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

Preemergence Control of Annual Grasses and Annual Broadleaf Weeds
Used as directed, this product will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 3-leaf stage of growth or first tiller. Use the higher recommended use rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

Poa Annua (annual bluegrass) Control

Apply Dimension 0.27 T & O Herbicide for preemergence control of Poa annua (annual bluegrass) at a rate of 0.38 to 0.5 lb active ingredient per acre. This is equivalent to 150 to 185 pounds per acre. Use the higher recommended use rates where weed infestations are dense and/or applications are made early and longer residual control is desirable.

- Apply 6 to 8 weeks before overseeding bermudagrass with perennial ryegrass.
• Specific to perennial ryegrass, not for use on Poa trivialis or bentgrasses.
• Minimum seeding rate of perennial ryegrass is 400 lbs per acre.
• Use limited to fairways and roughs
• Perennial varieties of Poa annua (var. repens) may not be controlled as well as the true Poa annua.
• Do not apply earlier than 16 weeks after over-seeding unless injury to the ryegrass can be tolerated.
• A follow-up treatment 16 weeks after overseeding offers an early season crab grass treatment and helps suppress some winter annual broadleaf weeds.

Restrictions:

- Do not apply more than 185 pounds of this product per acre per application and no more than 3 applications per year (555 pounds of this product per acre per year.
• In New York State, this product may only be used by Commercial Applicators at no more than 185 pounds per acre (4.25 lb/1000 sq ft), (0.5 lb active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

Table: Weeds Controlled and Use Rate. Columns: Weeds Controlled, Suggested Use Rate per Application (Lbs./Acre, Lbs/ 1000 sq ft). Lists weeds like barley, bromes, crabgrass, etc. and their corresponding application rates.

† Higher use rates are recommended where weed infestations are heavy and/or dense.
‡ Use of this product at this rate will provide only partial control and/or suppression of listed weeds.

Ornamentals (Landscape, Field Grown, and Container Grown)
Dimension® 0.27G T & O herbicide provides preemergence control of listed annual grass and broadleaf weeds in ornamental plantings. Ornamental plants on this label have shown tolerance to this product when applied as directed. It is impossible, however, to evaluate tolerance for all ornamental plant species or varieties under all possible growing conditions. Under your growing conditions, a limited area involving only a few plants should be treated for tolerance evaluation prior to large-scale applications.

Table: Use Rates for treatment dosage for treating small areas. Columns: Pounds, Ounces Product/Product/Acre, Ounces (Grams) Product/100 Square Feet, Ounces (Grams) Product/6.8 (193 grams).

Application Timing and Use Recommendations
This product is a preemergence herbicide that will not control established weeds. Make applications prior to weed seed germination or to bare ground. 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. To be effective, Dimension 0.27G must be activated by 1/2 inch or more of rainfall or irrigation prior to germination of target weeds. Once the treatment is activated, avoid excessive soil disruption that may break down the herbicide barrier. Minimal surface disruption such as raking should not break down the herbicide barrier.

Used as directed, this product will control or suppress the following annual grass and broadleaf weeds when applied prior to their emergence. This product will not control established weeds, except for crabgrass in early stages of development. This product will not control established weeds, except for crabgrass in early stages of development, but only if application is made to crabgrass prior to the 3-leaf stage of growth or first tiller. Therefore, the area to be treated should be free of weeds prior to application. Repeat applications may be made during the growing season at 3 to 4 month intervals to maintain weed control.

Application Equipment and Instructions
Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the area to be treated. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction of application. Avoid streaking, skips, or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules. Shortly after application apply overhead irrigation to activate the herbicide and wash Dimension 0.27G from plant surface onto soil surface.

Weeds controlled or suppressed by Dimension 0.27G when applied at 185 pounds per acre:

Table: Broadleaf Weeds. Columns: Common Name, Scientific Name, Annual Grasses, Scientific Name. Lists weeds like bitlergrass, carpetweed, chickweed, geranium, Carolina henbit, etc.

Use Precautions for Ornamental Plantings:

- Only apply this product to established ornamentals as directed in the Tolerant Ornamental label below.
• Do not incorporate this product into soil. Dilution of active ingredient and possible injury to plant roots may occur.
• Do not apply around ornamental plants that have been weakened or 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 diseases).
• Do not make applications when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants.
• Do not apply this product to bare roots of ornamental plants as injury may result.
• Do not graze livestock or feed forage cut from areas treated with this product.
• Do not apply this product in enclosed structures and greenhouses.
• Do not apply another herbicide within 4 weeks of application of this product.
• Do not apply this product to bare roots of ornamental plants as injury may result. Following transplanting, care must be taken that soil or planting mixes have settled firmly through irrigation, rainfall or packing and that there are no cracks that would allow direct contact of this product to the plant roots or plant injury may occur.

Treatment of Ornamental species not listed on this label:
It is impossible to evaluate tolerance to this product on all ornamental species or varieties or under all growing conditions. Users who wish to use Dimension® 0.27G T & O herbicide on species not recommended on this label may determine the suitability for use by treating a small number of plants at a recommended rate under your growing conditions. Treated plants should be observed for any symptoms of herbicidal injury such as foliar damage, reduced vigor or stand reduction during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious.

- Restrictions:
• Do not apply more than 185 pounds of this product per acre per application and no more than 3 applications per year (555 lb) of this product per acre per year.
• In New York State, this product may only be used by Commercial applicators at no more than 185 pounds per acre (4.25 ounces/1000 sq ft), (0.5 lb active ingredient per acre) per year; and is prohibited from use in Nassau and Suffolk Counties.

Tolerant Ornamentals
When applied as directed under the conditions described on this label, ornamentals listed below have shown tolerance in field trials.

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 permitted by law, otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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

Limitation 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, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

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

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

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

Dimension 025G-429 Pkg Commercial 08Jul08F DOWA-16-10(L)UE 9-26-12

Directions for Use continued on back of bag

