



# Dimension® 270G

Now with **BIODAC** Specialty Herbicide



A consistent sized granular carrier that is virtually dust free and environmentally friendly. The BIODAC® trademark and logo are owned by Kadant GranTek, Inc.

### Turf and Landscape Ornamental Granular Pre-emergent Herbicide

- Provides control of listed annual grasses and broadleaf weeds in Ornamental turf (including but not limited to golf course fairways, roughs, tee boxes)
- Commercial sod farms
- Field-grown nursery ornamentals
- Container grown nursery ornamentals
- Ornamentals landscape areas
- Established lawns
- Non-crop land and industrial sites
- 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 New York State this product may only be used by professional applicators at no more than 185 pounds per acre (4.25 lbs. per 1,000 sq. ft.), (0.5 pounds active ingredient per acre) per year and is prohibited from use in Nassau and Suffolk Counties.

<b>ACTIVE INGREDIENT:</b>	Dithiopyr (CAS 97886-45-8)	0.27%
<b>OTHER INGREDIENTS:</b>		99.73%
<b>Total:</b>		100.00%

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

**EPA Reg. No. 7001-375**      **EPA Est. No. 41124-WI-1**  
 This Product is intended for professional use.

Notice: Read The Entire Label before using this product. Use only according to label instructions. Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, Directions for Use, Use Restrictions and Storage and Disposal Instructions. If Conditions of Sale and Warranty are not acceptable, return at once unopened.

**A 50 Lb. Bag Treats Up To 11,764 Sq. Ft.**  
**At the 185 Lb. /Acre Rate for Crabgrass Control**

#### KEEP OUT OF REACH OF CHILDREN

#### CAUTION

**Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)**

#### 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 eyes.
  - Call a poison control center or doctor for 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 the National Pesticide Information Center at 1-800-868-7276 for emergency medical treatment information.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Part 170) must wear:

- Long-sleeved shirt and long pants
- Socks and Shoes

Follow the 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.

#### User Safety Recommendations

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
  - Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

#### 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 any manner inconsistent with its labeling. Read all directions carefully before applying this product.

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 the label about personal protection equipment (PPE), restricted-entry interval and notification to workers. 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 entry into treated areas during the restricted entry interval (REI) of 12 hours.

For early entry into 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, wear:

- Long-sleeved shirt and long pants
- Socks and shoes

#### 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, nurseries or greenhouses. Keep unprotected persons out of treated areas until dusts have settled.

**Dimension® 270G**  
 Specialty Herbicide  
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 Trademark of Dow AgroSciences LLC



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**Dimension® 270G**  
 Specialty Herbicide



Manufactured in U.S.A. for:  
 J.R. SIMPLOT COMPANY  
 P.O. Box 198, Lathrop, CA 95330

**P39106**

**NET WEIGHT: 50 LBS. (22.68 Kgs.)**



SPREADER SETTINGS

Table with 4 columns: Pounds / 1,000 Sq. Ft., Half Rate Application (1.15 lbs, 1.7 lbs, 2.1 lbs), Full Rate Application (3.4 lbs, 3.8 lbs, 4.2 lbs). Rows include BEST PRO, SPYKER/BEST 34, 44, SCOTTS RBA, LEI TYPE W, and EARTHWAY.

USE DIRECTIONS FOR TURF

Dimension® 270G Specialty 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...

Precautions for Turf

- Do not use this product on golf greens.
Do not apply this product to Colonial bentgrasses.
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...

Cool-Season Grasses

Table listing Cool-Season Grasses (Agrostis stolonifera, Poa pratensis, Festuca rubra, etc.) and Warm-Season Grasses (Paspalum notatum, Cynodon dactylon, etc.) with their corresponding chemical names.

DO NOT apply this product to Colonial bentgrass. Use of this product on certain varieties of creeping bentgrass, such as "Carmen", "Coahansy", or "Seaside" will result in undesirable turf injury...

Sod Production

Do not apply this product within 3 months of harvest.
This product will prevent germination of annual bluegrass.

Other Use Precautions

- Early postemergence applications of this product will control crabgrass only if applied prior to the fifth leaf (first tiller) stage of growth of crabgrass.
For best results, cultural practices that disturb the soil, such as core-spiking, hydro-aerification, and verticutting, should be done before application of this product.

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...

Preemergence Control of Annual Grasses and/or 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...

Poa Annua (annual bluegrass) Control

Apply Dimension® 270G for preemergence control of Poa annua (annual bluegrass) at a rate of 0.38 to 0.5 lbs active ingredient per acre. This is equivalent to 150 to 185 pounds per acre.

Weeds Controlled And Application Rates

Table with 4 columns: Weeds Controlled, Suggested Use Rate Per Application (Pounds/Acre, Ounces/1000 Sq Ft, Grams/1000 Sq Ft). Lists various weeds like barley, bromegrass, crabgrass, etc.

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 ounces/1000 sq. ft.) (0.5 lb. active ingredient per acre) per year, and is prohibited from use in Nassau and Suffolk Counties.

NON-CROPLAND AND INDUSTRIAL SITES

Dimension® 270G may be applied for preemergence control of listed annual grasses and broadleaf weeds in terrestrial non-crop areas such as farm yards, fence rows, highway or roadside utility and railroad right-of-way, airports, recreation areas, campsites, and industrial sites such as lumber yards, tank farms, and storage areas.

Application rates:

Table showing application rates for Pounds/Acre (185), Ounces Product/1000 Square Feet (68), and Ounces (Grams) Product/1000 Square Feet (8.1 (193 grams)).

Sequential applications may be made at 3 to 4 month intervals for extended preemergence weed control. Do not exceed maximum use rates per year.

Maximum Use Rates

Do not apply more than 185 lb. of this product per acre per application and no more than 3 applications (555 lbs.) 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 lb. 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.

Use Precautions for Non-Crop Areas

- Do not apply when weather conditions favor drift to non-target areas. This product may injure foliage of non-target plants.
Do not graze livestock or feed forage out from areas treated with this product.

ORNAMENTALS (Landscape, Field Ground, and Container Grown)

Dimension® 270G 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 to the soil surface to provide tolerance for all ornamental plant species or varieties or other 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.

Use Rates

Apply Dimension® 270G with a properly calibrated spreader which will assure accurate, even particle distribution. This product may be applied as a single application or as a split application. Refer to the following table for product application rates when treating small areas.

Table showing application rates for Pounds Product/Acre (185), Ounces Product/1000 Square Feet (68), and Ounces (Grams) Product/1000 Square Feet (8.1 (193 grams)).

Other Use Precautions

- Early postemergence applications of this product will control crabgrass only if applied prior to the fifth leaf (first tiller) stage of growth of crabgrass.
For best results, cultural practices that disturb the soil, such as core-spiking, hydro-aerification, and verticutting, should be done before application of this product.

Application Timing and Use

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® 270G must be activated by 1/2 inch 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.

Weed Controlled

Used as directed, Dimension® 270G 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 established lawns and ornamental turfs. 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® 270G must be activated by 1/2 inch 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.

Weed controlled or suppressed by Dimension® 270G when applied at 185 lbs. per acre:

Table with 2 columns: Annual Grasses and Broadleaf Weeds. Lists various weed species like Bromus spp., Setaria fabrii, Carex spp., etc.

Application Equipment and Instructions

Apply this product with drop or rotary-type spreaders designed to apply granular herbicides. Avoid the use of spreaders that will 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 listed below.

Use Precautions for Ornamental Plantings:

- Only apply this product to established ornamentals as directed in the Tolerant Ornamental table below.
Do not incorporate this product into the soil.
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, frost damage, winter injury, prior from previously applied pesticides or injury due to insects, nematodes or disease).

Treatment of Ornamental species not listed on this label:

It is not possible to evaluate tolerance to this product on all varieties or all growing conditions. Users who wish to use Dimension® 270G on species not listed on this label may determine the suitability for use by treating a small number of plants at an application rate under your growing conditions. Treated plants should be observed for any symptoms of herbicidal injury such as soil 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 lbs. of this product per acre per application and no more than 3 applications (555 lbs.) of this product per acre per year (4.25 ounces/1000 sq. ft.) (0.5 lb. active ingredient 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. Application to Field / Landscape or Container Grown Ornamentals Noted by an (X).

Large table with 10 columns: Name, Tolerant Cultivars, Cool-Season Grown, Field / Landscape Grown, Name, Tolerant Cultivars, Cool-Season Grown, Field / Landscape Grown, Name, Tolerant Cultivars, Cool-Season Grown, Field / Landscape Grown. Lists various ornamental plants like Verbena, Phlox, and others.

\*Ornamental species only. Do not apply this product directly to plants that are grown for food.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.
Dispose of this product in its original container. In case of spill, sweep up material and dispose of material according to label directions.

Conditions of Sale and Warranty

J.R. Simplot Company warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. To the extent consistent with applicable law, J.R. SIMPLOTT COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

Dimension® 270G

Dimension® 270G is a registered trademark of Dow AgroSciences LLC.
EPA Approved 192930-01
NET WEIGHT: 50 LBS. (22.68 Kg.)