

1001-88

8/6/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

1001-88

Date of Issuance:

AUG 06 2013

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Torque® DG Fungicide

Name and Address of Registrant (include ZIP Code):

Cleary Chemicals, Inc  
178 Ridge Road, Suite A  
Dayton, NJ 08810

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is registered in accordance with FIFRA section 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3 (c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Revise the "EPA Registration Number to read, "EPA Reg. No. 1001-88.

Page 1 of 2

Signature of Approving Official:

Cynthia Giles-Parker, Acting Product Manager (21)  
Fungicide Branch, Registration Division (7504P)

Date:

8/6/13

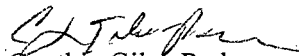
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3. Submit one copy of the final printed label before the product is released for shipment.

The basic Confidential Statement of Formula (CSF) dated May 31, 2013 for the product referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide and Rodenticide Act is acceptable. The CSF will be added to the file for this product.

A copy of the label stamped "Accepted" is enclosed for your records.

Sincerely,



Cynthia Giles-Parker  
Acting Product Manager (21)  
Fungicide Branch  
Registration Division (7504P)

Enclosure: Label stamped "Accepted"  
Product Chemistry Review DP 413165, dated 7/16/13  
Acute Toxicity Review DP399153, dated June 14, 2012

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# TORQUE<sup>®</sup> DG FUNGICIDE

[Alternate Text: With DG Lite™ Carrier Technology]

For control of listed diseases in golf course turf and ornamental uses.

Group **3** Fungicide

**ACTIVE INGREDIENT:**

Tebuconazole, α-[2-(4-chlorophenyl)ethyl]-α-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol..... 0.565%

**OTHER INGREDIENTS:** ..... 99.435%

**TOTAL** ..... 100.000%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See label booklet for FIRST AID and PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

ACCEPTED  
  
AUG 06 2013  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg No. 1001-88

EPA Reg. No 1001-~~88~~ 88

EPA Est. No. \_\_\_\_\_

**Manufactured for**  
**Cleary Chemicals, LLC.**  
11901 S. Austin Avenue  
Alsip, IL 60803

Net Contents:

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <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>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>Note to Physician:</b> No specific antidote. Treat symptomatically. The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.	
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid contact with skin, eyes, and clothing. Avoid breathing dust.

**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 C on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or Viton
- Shoes plus socks

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

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash thoroughly with soap and water after handling and 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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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### ENVIRONMENTAL HAZARDS

This pesticide is toxic to estuarine and marine invertebrates. 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 be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

### 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.

Exception: If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required 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, is:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box only 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.

Turf and Landscape Uses: Keep children and pets out of treated areas until sprays have dried.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry, locked facility and avoid excess heat. Carefully open containers. Reclose all partially used containers by thoroughly tightening screw cap. Keep containers closed when not in use. Store in original containers only. Do not put concentrate or dilute material in food or drink containers. In case of spill, confine spill by surrounding area with sand, cat litter or commercial clay and dispose as directed below.

**Pesticide Disposal:** Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling**

**[Bag]**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then 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.

**[Nonrefillable Container 50 lb or Less]**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**[Nonrefillable Container larger than 50 lb]**

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

**PRODUCT INFORMATION**

Read the entire Directions for Use before using this product.

Chemigation: Do not apply this product through any type of irrigation system.

OBSERVE THE FOLLOWING WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES:

- Do not apply within 100 feet of aquatic areas listed above.
- Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetation filter strip.
- See Spray Drift Management section for further information

**Resistance Management Information**

The active ingredient in Torque DG Fungicide is a member of the DMI (Demethylation Inhibitor) fungicide group (FRAC grouping 3) and can exhibit cross-resistance to products with the same mode of action when used repeatedly in the same location or in successive years as the primary method of control for targeted diseases. Because the speed and scope of resistant population development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include the rotation and/or tank mixing with products utilizing different modes of action or limiting the number of applications per season. Contact your local

university or extension specialist and/or manufacturer for fungicide resistance management recommendations.

### DISEASE CONTROL IN GOLF COURSE TURF

#### TURF USE RESTRICTIONS

- For use on golf course turf only.
- Intended for use by commercial or professional applicators.
- Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high school), campgrounds, churches, and theme parks.
- Do not use clippings for animal feed.
- Do not exceed 18 lb of Torque DG Fungicide per 1,000 sq ft per year.
- Do not make more than 3 applications per year in New York State

#### PRODUCT INFORMATION

Torque DG Fungicide is a broad spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of turf and ornamental disease problems. Torque DG Fungicide is recommended for use on all Golf turf applications of cool and warm season grasses (such as Bentgrasses, Bluegrasses, Ryegrasses, Bermudagrass, Zoysia, Paspalum, and St. Augustine grasses) or their mixtures. The above mentioned grasses show a high level of plant tolerance to Torque DG Fungicide when used in accordance with the label.

**Note:** Avoid sequential applications on Bentgrass and/or Poa greens under extremely stressful conditions or when temperatures are expected to exceed 95 degrees F. Rotate with a non-DMI class product. Use caution when tank mixing with Paclobutrazol as research has shown increased selection for dollar spot resistance.

**Note:** Champion and Miniverde Ultradwarf Bermudagrass species can be sensitive to Torque DG Fungicide under certain conditions. Do not apply consecutive applications during or just after spring dormancy break. Do not apply consecutive applications to newly established turf less than 8 months old.

Torque DG Fungicide can be used for the prevention and control of the diseases mentioned in the table below. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Preventative treatments can be applied using 21-28 day intervals as indicated. When treating golf greens, always treat aprons and approaches. Use the highest recommended rate and shortest application interval under conditions of severe disease pressure. Contact your local State Extension service for recommendations for application schedules appropriate to your area.

Apply Torque DG Fungicide with ground based, hand operated (push) or mechanical (power) equipment sufficient to accurately deliver this product to the application site. Do not apply by hand or with hand held rotary spreader (e.g. belly grinder). Apply uniformly over the area to be treated with properly calibrated equipment. Application equipment should be thoroughly cleaned after use.

Torque DG Fungicide may be applied to dry or moist leaf/soil conditions. After application Torque DG Fungicide must be watered into the crown and active root zone within 12-24 hours for best results. Refer to Notes section is disease control chart for additional information. Application should be watered in by applicator with 0.1-0.25 inches of water to remove product from application surface and begin activation of product for disease control. When treating golf greens, treatment of aprons and approaches is recommended. If a rate range is given, use the higher rate under conditions of severe disease pressure.

**Golf Course Turf Disease Control**

<b>DISEASE</b>	<b>PRODUCT RATE (lb/1000 sq ft)</b>	<b>Notes and Restrictions</b>
Dollar Spot <i>(Sclerotinia homoeocarpa)</i> Copper Spot <i>(Gloeocercospora sorghi)</i> Powdery Mildew <i>(Erysiphe graminis)</i> Corticium Red Thread <i>(Laetisaria fuciformis)</i> Rusts <i>(Puccinia spp.)</i> Red Thread <i>(Laetisaria fuciformis)</i> Pink Patch <i>(Limonomyces rosipellis)</i>	3-6	For prevention, begin applications when conditions are favorable for disease development. For curative treatments, use the medium to high rate. Do not make two consecutive applications of Torque DG Fungicide. Alternate with another fungicide with a different mode of action or with a registered contact fungicide at label rate. A second application may be made after 21-28 days.
Brown Ring Patch <i>(W. circinata)</i>	3-6	For prevention, begin applications when conditions are favorable for disease development. Make two applications using the low to medium rate at a 21 day interval. For curative treatments, use in a program with Affirm® WDG at labeled rates.
Brown Patch/Rhizoctonia Blight, Large Patch <i>(Rhizoctonia solani)</i>  Anthracnose -Basal and Foliar <i>(Colletotrichum cereale)</i>	3-6	For prevention, begin applications when conditions are favorable for disease development using the low to medium rate. For curative treatments, use the medium to high rate. Do not make two consecutive applications of Torque DG Fungicide or other DMI containing fungicides. Alternate with another fungicide, such as Affirm WDG or Spectro, with a different mode of action. A second application may be made after 21-28 days.
Bermudagrass decline <i>(Gaeumannomyces graminis var. graminis)</i>	3-6	For prevention, begin applications two or four weeks prior to the historical appearance of disease symptoms. Initiate cultural control practices at the same time the fungicide is applied. Refer to your local County Extension Service for this information. Apply subsequent applications at 21-28 day intervals. For best results, irrigated the treatment area within 12 hours with sufficient water to move the active ingredient down into the crown and active root zone of the turf. The amount of water is dependent on the depth of the root zone.



DISEASE	PRODUCT RATE (lb/1000 sq ft)	Notes and Restrictions
Take All Patch ( <i>Gaeumannomyces graminis</i> )	3-6	For prevention, make two applications at low rate, 21 days apart or one application at high rate in the fall when root zone soil temperatures reach 75° F and again in the spring at 55-60° F root zone soil temperatures. Applications in both fall and spring may be necessary. Immediately after fungicide is applied, irrigate the area with sufficient water to move the active ingredient down into the crown and active root zone of the turf. The amount of water is dependent on the depth of the root zone.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	3-6	Apply when conditions are favorable for disease development at 21-28 day intervals. Do not make two consecutive applications of Torque DG Fungicide. Alternate with another fungicide with a different mode of action, such as 3336 or 3336 Plus, or with a registered contact fungicide at label rate.
Stipe Smut ( <i>Ustilago striiformis</i> )	3-6	Make a single application to historical disease areas in spring as grass growth begins.
Spring Dead Spot ( <i>Leptosphaeria korrea</i> , <i>L. narmari</i> , <i>Ophiosphaerella herpotricha</i> , and <i>Gaeumannomyces graminis</i> )  Necrotic Ring Spot ( <i>Leptosphaeria korrea</i> )	3-6	For prevention, make two applications at the low to medium rate, 21 days apart or one application at the high rate in the fall when root zone soil temperatures reach 75° F. Torque DG Fungicide can be used in a program with 3336 at labeled rates. A spring application may be necessary in areas where disease pressure is known to be heavy. Apply using low to medium rate when root zone soil temperature reaches 55-60° F. Immediately after fungicide is applied; irrigate the area with sufficient water to move the active ingredient down into the crown and active root zone of the turf. The amount of water is dependent on the depth of the root zone.
Fusarium Patch ( <i>Fusarium roseum</i> )	3-6	Apply first application in mid-June or 28 days prior to time this blight normally becomes evident. Do not make two consecutive applications of Torque DG Fungicide. Alternate with another fungicide with a different mode of action or with a registered contact fungicide at label rate. A second application may be made after 21-28 days.

DISEASE	PRODUCT RATE (lb/1000 sq ft)	Notes and Restrictions
Summer Patch ( <i>Magnaporthe poae</i> )	3-6	For prevention, apply initial treatment in the spring when root zone soil temperatures reach 55-60° F. Do not make two consecutive applications of Torque DG Fungicide or other DMI containing fungicides. Alternate with another fungicide with a different mode of action, such as 3336®. Make additional applications at 21-28 day intervals. See local university recommendations for additional information. Immediately after fungicide is applied, irrigate the area with sufficient water to move the active ingredient down into the crown and active root zone of the turf. The amount of water is dependent on the depth of the root zone.
Zoysia Patch, Large Patch of zoysia ( <i>Rhizoctonia solani</i> )	3-6	Make first application in early fall (mid-September to mid-October) prior to development of disease symptoms. A program using an alternation with Affirm WDG at label rates is recommended. An application in early spring may be necessary in areas where disease pressure is known to be heavy.
Gray Snow Mold / Typhula Blight ( <i>Typhula incarnate</i> ) Pink Snow Mold / Microdochium Patch ( <i>Microdochium nivalis</i> )	3-6	Apply in the fall, before anticipated turf dormancy and before first snow cover. If turf breaks dormancy during winter months a second application may be made. Do not apply over snow cover, or when turf is dormant. It is recommended that Torque DG Fungicide be used with other registered snow mold products, such as 26/36 or Affirm WDG for best season long results.
Fairy Ring ( <i>Basidiomycete sp.</i> )	3-6	For prevention in cool season turf, make two applications at the low-medium rate in the spring when root zone soil temperatures reach 55-60° F. Make a second application using a 21-28 day interval. Immediately after fungicide is applied, irrigate the area with sufficient water to move the active ingredient down into the crown and active root zone of the turf. The amount of water is dependent on the depth of the root zone. Do not use a wetting agent unless hydrophobic soil conditions exist. For curative treatment, use the medium to high rate.  For warm season turf, do not initiate treatment until sufficient breaking dormancy has occurred. Do not make two consecutive applications of Torque DG Fungicide or other DMI containing fungicides. Alternate with another fungicide with a different mode of action, such as Affirm® WDG, Heritage or Prostar. For hydrophobic areas, use an appropriate wetting agent to effectively penetrate the hydrophobic zone commonly created with this disease.
<b>NOTE:</b> For best product distribution, make all applications after mowing.		

## DISEASE CONTROL IN FIELD, NURSERY AND CONTAINER ORNAMENTALS AND COMMERCIAL and RESIDENTIAL LANDSCAPES

### USE RESTRICTIONS

- For use on ornamental plants only; not for woodlands or forest management.
- Intended for use by commercial or professional applicators.
- Do not apply more than 3.4 lb per 1,000 sq ft of Torque DG Fungicide in a single application.
- Do not apply more than 13.7 lb per 1,000 sq ft of Torque DG Fungicide (equal to 3.38 lb of Tebuconazole per acre) per year.
- Do not apply to bearing fruit trees or vegetables.
- Restricted-Entry Interval (REI) = 12 Hours

### Use Information

Torque DG Fungicide can be used in a preventative and curative disease control program for the listed plant types and diseases in the Ornamental Disease Control table. Optimum disease management is obtained when Torque DG Fungicide is used in conjunction with sound disease management practices. For prevention, begin applications two or four weeks prior to the historical appearance of disease symptoms, or when disease first appears and repeat at 14-21 day intervals during the growing season. Use the shortest interval when conditions are unusually favorable for the development of disease.

**Plant Safety Note:** The "Directions for Use" of this product reflect the cumulative inputs from both historical field use and product testing programs. However, it is impossible to test this product on all species and cultivars. A preliminary trial is suggested on a small scale before a full treatment is applied to any plant type not shown on this label but found in a similar use site with a listed disease problem. Wait 5-7 days after treatment to evaluate results. **This product is not recommended for use on African Violets, Begonias, Boston Fern, and Geraniums.**

### Ground Application Instructions

Torque DG Fungicide may be used on established plants as a topical application or broadcast, surface, or over the top application with ground based, hand operated (push) or mechanical (power) equipment sufficient to accurately deliver this product to the application site. Application equipment should be thoroughly cleaned after use. Apply at rates of 1.3 – 3.4 lb per 1,000 sq ft Torque DG Fungicide may be applied to dry or moist soil conditions and must be activated with irrigation or natural rainfall within 12 hours for best results. Application should be watered in by applicator with sufficient water to dissolve granule and move product into the active root zone.

For media incorporation, mix at a rate of 1.5 – 3.75 lb/cu yd. before seeding or transplanting of desired crop. Media incorporated with Torque DG Fungicide may be stockpiled for later use without activation until needed. For topical applications to established containerized plants or containerized plants after transplanting or repotting, use the following container volume chart to determine the per pot dosage.

**Containerized Application Rate Guide**

Container Volume		Containers per Cubic Yard (CCY) <sup>1</sup>	Dosage per Pot	
Gallon	Liter		Grams	Teaspoons
0.25	0.95	804	0.84 - 2.1	1/3 - 3/4
0.5	1.9	404	1.7 - 4.2	5/8 - 1 1/2
0.75	2.8	270	2.5 - 6.3	7/8 - 2 1/8
1.0	3.8	202	3.4 - 8.4	1 1/8 - 2 7/8
1.5	5.7	135	5 - 12.6	1 3/4 - 4 1/3
2.0	7.6	100	6.7 - 16.8	2 1/3 - 5 3/4
2.5	9.5	80	8.4 - 21.1	2 7/8 - 7 1/8
3.0	11.4	67	10.1 - 25.3	3 1/2 - 8 1/2
5.0	18.9	40	16.8 - 42.1	5 3/4 - 14 1/3
7.5	28.4	27	25.3 - 63.2	8 - 20
10.0	37.9	20	33.7 - 84.2	10 - 25 3/4

<sup>1</sup>Note: Containers per cubic yard is highly dependent on the individual container, media characteristics, and fill operation. Refer to your plastic mfg. for container volume and "CCY" (Containers per Cubic Yard) information for your individual calculations.

**Ornamentals Disease Control**

PLANTS	DISEASE	APPLICATION	
		To Prevent Diseases	To Treat Existing Disease
Roses	Black Spot Powdery Mildew Rust	Apply every 14-21 days during the growing season, starting when leaves first appear.	Apply every 14 days for a total of 3 applications beginning at the first sign of disease.
Flowers	Leaf Spot Powdery Mildew Rust Southern Blight	Apply at least 3 times per year, 14-21 days apart, beginning with spring bud break. Rotation or Tank mixing with barrier protectant fungicides is recommended for resistance management.	
Crabapples (Ornamental), Dogwoods and Other Landscape (Ornamental) Trees	Anthrachnose Leaf Spot Powdery Mildew Rust Scab		
Azaleas, Camellas, Rhododendrons and Other Landscape (Ornamental) Shrubs	Anthrachnose Black Spot Leaf Spot Petal Blight Powdery Mildew Rust Southern Blight	Petal Blight – Apply 2 – 3 times per week into the flowers as the open and develop color.	
Ground Covers and Vines			

PLANTS	DISEASE	APPLICATION	
		To Prevent Diseases	To Treat Existing Disease
Conifers	Diplodia	Apply at least 3 times per year, 14-21 days apart, beginning with spring bud break. Rotate or tank mix with barrier protectant fungicides for resistance management.	
	Rust		Begin applications at the first sign of disease and repeat every 14 days for a total of 3 applications.
	Fusarium Wilt (suppression)	Apply at bud break around the base of tree to drip line. Use the highest specified rate.	

**WARRANTY DISCLAIMER**

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