

1001-70

11/15/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Carrie M. Tackema
Cleary Chemical, LLC.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

NOV 15 2013

Subject: 3336 G
EPA Reg. No. 1001-70
Notification dated October 17, 2013
Decision Number 484510

Dear Ms. Tackema:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated October 17, 2013. The Registration Division (RD) has conducted a review of this request for applicability under PRN-98-10 and finds that your application falls within the scope of PRN 98-10. The inclusion of the marketing tag line on your product labeling is acceptable and the label will be placed in the file for our records.

If you have any questions, please call Marcel Howard at 703-305-6784 or email at howard.marcel@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Shaja Joyner".

Shaja Joyner
Product Manger (20)
Fungicide Branch
Registration Division (7504P)

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EXPEDITE



United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1001-70	2. EPA Product Manager Hope Johnson <i>Shaja Joyner</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 3336 G; 3336 DG Lite	PM# Acting 21 Pm 20	
5. Name and Address of Applicant (Include ZIP Code) Cleary Chemicals, LLC. 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560 <i>Please send all correspondence to "contact point" listed below</i> <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

- Amendment - Explain below.
- Resubmission in response to Agency letter dated _____
- Notification - Explain below.
- Final printed labels in response to Agency letter dated _____
- "Me Too" Application
- Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

NOTIFICATION PER PRN 98-10

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**CONTACT: Carrie M. Tackema (919) 379-2528 or carrie.tackema@us.nufarm.com
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 30 LB, 50 LB	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)

Name Carrie M. Tackema	Title Regulatory Manager	Telephone No. (Include Area Code) (919) 379-2528
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Carrie M. Tackema	4. Date October 17, 2013	



Cleary Chemical LLC
11901 S. Austin Avenue
Alsip, IL 60803
Phone: 708-377-1330 Fax: 708-377-1333

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4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560
Phone: 919-379-2510 Fax: 919.467.5923
www.us.nufarm.com

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Via Courier Delivery

October 17, 2013

Ms. Hope Johnson, PM#21 *Shaja Joyner, Pm 20*
USEPA (7504P)
Document Processing Desk (NOTIF)
Room S4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

**Subject: Notification per PRN 98-10
EPA Reg. No(s). 1001-63; 1001-69; 1001-70; 1001-87**

Dear Ms. Johnson:

On behalf of Cleary Chemical, LLC, enclosed please find a Notification for each of the above-referenced products. The purpose of these Notifications is to include the marketing tag "Cleary|An Exclusive Line From Nufarm."

Also enclosed in support of this Notification are the following:

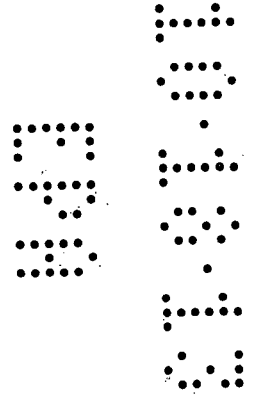
- Application for Pesticide Registration - NOTIFICATION;
- 1 copy of each of the above-referenced, proposed product labeling (in PDF format on CD-rom).

Should you have any questions or require additional information, please contact me at (919) 379-2528 or by email at carrie.tackema@us.nufarm.com.

Sincerely,

Carrie M. Tackema
Regulatory Manager

Enclosure(s)



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3336 G

[alternate brand name 3336 DG Lite]

TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE

For the prevention and control of turf diseases and the diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.

ACTIVE INGREDIENT

Thiophanate-methyl2.08%

OTHER INGREDIENTS.97.92%

TOTAL..... 100.00%

Keep Out Of Reach Of Children

CAUTION

FIRST AID

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For 24-Hour Emergency Assistance Call Chemtrec 1-800-424-9300.

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

NOTIFICATION

NOV 15 2013

EPA Reg. No. 1001-70
EPA Est. No. 961-PA-1
Net Contents: 30 lb.

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

CAUTION: Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof materials. If you want more options, follow the instructions for Category C on the EPA chemical resistance selection chart.

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves are required for applicators using hand held equipment.

USER SAFETY REQUIREMENTS:

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. For use only by certified applicators and those under their immediate supervision. 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 other requirements specific to your State or Tribe, consult the agency responsible for pesticides.

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 statements and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval (REI). The requirements in this box 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.

Personal Protective Equipment (PPE) required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for over head exposures.

NON-AGRICULTURAL USE REQUIREMENTS

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

Turf and Landscape Uses: Do not enter or allow others to enter until dusts have settled.

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STORAGE AND DISPOSAL

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

Pesticide Storage: Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and use in accordance with instruction below or dispose of in accordance with the Pesticide Disposal Instructions listed below.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to the label instructions, contact your state Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Shake empty product container to remove all possible material. When bags are empty, they may be disposed of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Home Use Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.]

COMMERCIAL TURF AND ORNAMENTAL

GENERAL INFORMATION

3336 DG Lite is a broad spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of turf and ornamental disease problems. Apply 3336 DG Lite 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. bellygrinder). Application equipment should be properly calibrated prior to use. Application equipment should be thoroughly cleaned after use. If a rate range is given, use the higher rate under conditions of severe disease pressure. Contact your local State Extension service for recommendations for application schedules appropriate to your area. This product is not for homeowner use and can only be used by individuals/firms licensed or registered by the state to apply ornamental or turf pest control products. No claim of compatibility with other pesticides is implied. Do not apply this product through any type of irrigation system.

Resistance Management: To avoid the development of tolerant strains of fungi, 3336 DG Lite should be used with fungicides of different modes of action. Cleary Chemical does not recommend the use of products containing thiabendazole in combination or rotation with 3336 DG Lite. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 DG Lite as recommended, the treatment is not effective, a tolerant strain of fungi may be present. Consult your local Cleary Chemical representative, your State Agricultural Experiment Station, or your State Cooperative Extension Service for proper disease identification and advice on the prompt use of some other suitable fungicide or disease control strategy. As long as recommended precautions are followed, 3336 DG Lite can remain useful for disease control.

COMMERCIAL TURF APPLICATIONS

For use on all fine turf applications such as commercial, residential and public (such as home lawns, parks, athletic fields, schools, and day care centers), and golf courses (greens,

tees, fairways and aprons) of cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures. 3336 DG Lite is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 DG Lite is to be used for the prevention and control of the diseases mentioned below. 3336 DG Lite may be applied to dry or moist leaf/soil conditions and should be activated with irrigation or natural rainfall within 24 hours for best results. If irrigated, application should be watered in by applicator with 0.1-0.25 inches of water to begin activation of product for disease control. When treating golf greens, treatment of aprons is recommended. Use the highest recommended rate under conditions of severe disease pressure. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry. Not for use on turf being grown for sale or other commercial use as sod.

Table 1: Maximum Individual Application Rates and Minimum Re-Treatment Intervals

Do not exceed the amounts per acre or reduce the re-treatment interval indicated below.

Use Site	Maximum application rate of 3336 DG Lite	Minimum Re-Treatment Interval	Comments
Residential or Public Areas	131 Lbs/Acre (3 lbs / 1,000 sq.ft.)	14 days	
Golf Course Tees, Greens, Aprons	392 Lbs/Acre (9 lbs / 1,000 sq.ft.)	14 days	
Golf Course Fairways –except Florida	262 lbs/Acre (6 lbs / 1,000 sq.ft.)	14 days	Excludes Florida
Golf Course Fairways – Florida Only	131 lbs/Acre (3 lbs / 1,000 sq.ft.)	14 days	Florida Only

Table 2: Maximum Seasonal Application Rates

Do not exceed the following amounts of product per Acre per season

Use Site	Maximum Pounds 3336 DG Lite per Acre per Season	Pounds 3336 DG Lite per 1,000 sq.ft.	Comments
Residential or Public Areas	523 lbs.	12 lbs.	4 Applications per year
Golf Course Tees, Greens, Aprons	1048 lbs.	24 lbs.	
Golf Course Fairways –except Florida	262 lbs.	6 lbs.	Excludes Florida
Golf Course Fairways – Florida Only	131 lbs.	3 lbs.	Florida Only

Table 3: Turf Disease Control

Disease(s) Controlled	Rate of 3336 DG Lite lb/1000 sq ft	Remarks *
Anthracnose, basal <i>Colletotrichum graminicola</i>	6-9	For prevention in historic areas of disease pressure, apply twice at 14 day intervals when soil temperature reaches 60°F. For curative control, apply when disease first appears and continue at 14 day intervals. Rotations with chlorothalonil or triadimefon can be utilized.
Anthracnose, foliar <i>Colletotrichum graminicola</i>	3-6	
Bermudagrass Decline	6-9	Apply in mid-July or when disease symptoms first

<i>Gaeumannomyces graminis</i> var. <i>graminis</i> Take-All-Patch <i>Gaeumannomyces graminis</i> var. <i>avenae</i>		appear and repeat at 14 day intervals for suppression. Use higher rates under most severe disease expression. Follow proper agronomic recommendations to maintain plant vigor.
Cool Season Brown Patch <i>Rhizoctonia cerealis</i> Necrotic Ring Spot <i>Leptosphaeria korrea</i> Spring Dead Spot <i>Leptosphaeria korrea</i>	6-9	For prevention, apply in fall before turf has stopped all growth activity. Apply second application in early Spring when soil temperatures reach 55-60°F or when disease first appears. For curative action, apply when disease first appears in early spring and continue at 14 day intervals.
Coprinus Snow Mold <i>Coprinus psychromorbidus</i>	6-9	Apply 2 treatments at 21 day intervals in late fall to early winter, with the last application made just prior to first permanent snow cover. Rotations with PCNB can be utilized.
Dollar spot <i>Moellerodiscus</i> , <i>Lanzia</i> , <i>Sclerotinia</i> Large Brown Patch <i>Rhizoctonia solani</i> Ascochyta Leaf Blight <i>Ascochyta</i> spp. Copper Spot <i>Gloeocercospora sorghi</i> Red Thread <i>Laetisaria fuciformis</i> Fusarium Patch <i>Fusarium nivale</i> Zoysia Patch <i>Rhizoctonia solani</i>	1.5-6	For prevention, use lowest rate and apply application before expected period of disease development. Apply when disease first appears and continue at 14 day intervals. Rotations with chlorothalonil, iprodione, or mancozeb (Protect™) can be utilized.
Fusarium Blight <i>Fusarium roseum</i> and <i>F. triticum</i>	6-9	Apply when disease first appears at 14 day intervals.
Gray Leaf Spot (Blast) <i>Pyricularia grisea</i>	6-9	Apply preventative application before expected period of disease development. Continue applications at 14 day intervals as needed.
Leaf Spot <i>Drechslera</i> spp. Leaf, crown, and root diseases <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>	6-9	Apply when disease first appears and make applications at 14 day intervals as needed. Rotations with chlorothalonil, iprodione, or mancozeb (Protect) are recommended under severe conditions.
Pink Snow Mold <i>Microdochium nivale</i>	3-6	Apply middle-late Fall to early Winter before turf has stopped all growth activity or in spring during periods of thaw, or when disease symptoms first appear. Continue at 14 day intervals throughout anticipated disease period. Best results are achieved when first application is made before turf is completely dormant.
Stripe Smut <i>Ustilago striiformis</i>	6-9	Apply when disease first appears and make two applications at 14 day intervals. For prevention, apply in spring and fall.
Summer Patch <i>Magnaporthe poae</i>	6-9	For prevention, apply 3 applications starting late April or early May using 21 day intervals. Rotations may be used as part of the three application program. For suppression, apply at 14 day intervals when disease first appears.
Bentgrass Dead Spot	6-9	For prevention, apply in early June or based upon

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<i>Ophiosphaerella agrostis</i>	local Extension Service recommendations. Apply at 14 day intervals as needed. Rotations and/or tank mix combinations may be used for season long disease prevention.
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***Observe the maximum individual application rates and maximum seasonal application limits in Table 2.**

Table 4: Guide to 3336 G Recommended Spreader Settings*

These settings are presented as a guide for use. Age, condition of spreader and operator speed will cause variation in applied rates of material. Spreader calibration at the beginning of each application is strongly recommended.

SPREADER	Pounds of 3336G Applied per 1,000 Square Feet							
	2	3	4	5	6	7	8	9
Anderson AccuPro 2000	I ¼	J	J ¾	K ½	L ¼			O
Anderson SR 2000	I ¼	J	J ¾	K ½	L ¼			O
Central Drop	7	8	9					
Cyclone Rotary	4	5	5.5	6.5	6.75	7	7.5	8
Earthway Drop	10	11	12					
Earthway Rotary	16	17	18					
Ezee-Flow	C3	C4						
Frank's Drop	6		8					
Gandy	25	28						
Greenview Drop-Spred II	2.5	3	3.5	4	4.5	5		
Greenview Jet-Spred II	4	5	5.5	6.5	6.75	7	7.5	8
Greenview Jet-Spred III	4.5	5.5	6	7	7.5	8		
Greenview Show 'N Tell	7	8	9	10				
Jackson Drop	5.5		6.5					
Lesco	G	I	J	K	L	M		
Ortho Drop	5	7	8	9	10	10.5	11	
Ortho Rotary	4	5	7	8	9	10		
Precision Drop		10						
Red Devil Rotary	7							
Republic Drop	5	7	8	9	10	10.5	11	
Republic Rotary	4	5	7	8	9	10	11	12
Scott's Accu-Green	6	6.5	7					
Scott's Drop PF 1	5	6	7	8	9	9.5	10	11
Scott's Easy Green	25	26	27					
Scott's Easy Gro	7.5		8		9			
Scott's RX7 Rotary	I	J	K	L	M	N	P	
Scott's R8A Rotary	K	L	M	N	O	P		

Scott's Rotary Retail	5.5	6	6.5	6.5	7	7.5	8	
Scott's Speedy Green	5.5	5.75	6	8.5				
Sears Craftsman Drop	7	7.5	8					
Spyker	2.5	3	3.5					

*SGN = 118

ALTERNATE TABLE 4 FOR ALTERNATE BRAND NAME: 3336GC

Table 4: Guide to 3336 GC Recommended Spreader Settings*

These settings are presented as a guide for use. Age, condition of spreader and operator speed will cause variation in applied rates of material. Spreader calibration at the beginning of each application is strongly recommended.

Spreader	Speed (MPH)	Swath (FT)	Cone Set	Pounds of 3336GC Applied per 1,000 Square Feet		
				3	6	9
Lesco Rotary	3	9	-	9	12	14
Cyclone	3	8	-	3.5	4.2	4.7
Scotts R-8A	3	11	4	H ½	J ½	L
Scotts R-8A1	3	11	4	H	J ½	L
Scotts AccuPro 2000	3	11	4	H ½	K	L ½
Scotts SR 2000	3	11	4	H ½	K	L ½
Spyker	3	8	-	3.5	4.2	4.7
PrizeLAWN CRB III & Big Foot	3	8	-	F	H ½	J
PrizeLAWN CRB II	3	8	-	2.5	3.5	4
Earthway	3	9	-	16	21	26
Precision Broadcast	3	9	-	1	1.5	3
Precision Drop	3	2	-	0	0.5	0.75
Gandy Model 24	3	2	-	20	23	25
Gandy Model 36	3	3	-	20	23	25
Gandy Model 42	4.5	3.5	-	22	25	28
Gandy 6500 Series	4.5	4 to 8	-	16	23	28
Lely H/R (2)*	4.5	18	III-B	2.25	3	3.5
Lely W(2)*	4.5	18	III-B	2.25	3	3.5
Vicon 03 Series*	4.5	18	-	11	16	21
Vicon 03 Series*	4.5	34	-	16	24	30

- SGN = 70

ALTERNATE TABLE 4 FOR ALTERNATE BRAND NAME: 3336DG Lite**Table 4: Guide to 3336 DG Lite Recommended Spreader Settings***

These settings are presented as a guide for use. Age, condition of spreader and operator speed will cause variation in applied rates of material. Spreader calibration at the beginning of each application is strongly recommended.

Spreader	Speed (MPH)	Swath (FT)	Cone Set	Pounds of 3336DG Lite Applied per 1,000 Square Feet		
				3	6	9
Lesco Rotary	3	8	0.25	13	17	21
Cyclone Rotary	3	4	n/a	4	5 ¼	6 ½
Scotts R-8A1 Rotary	3	11	6	J ½	N	Q
The Andersons AccuPro 2000	3	11	6	K ½	O	R
The Andersons SR 2000	3	11	6	K ½	O	R
Spyker	3	5	n/a	3 5/7	4 ½	5 1/5
PrizeLAWN CRB III & Big Foot	3	5	n/a	I 1/2	M	P
Earthway	3	7	n/a	12	15.5	18.5
Precision Broadcast	3	4	n/a	7 3/4	10 ¼	13 ½
Precision Drop	3	n/a	n/a	5 3/4	8 ¼	11 ½
Lely W (2)*	4.5	34	III-C	5	6 ¼	8 ¼
Vicon 03 Series*	4.5	30	0	20	31	40

COMMERCIAL HORTICULTURAL APPLICATIONS

**Nursery, Greenhouse, Landscape & Interiorscape
Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, plus
Deciduous and Evergreen Trees and Shrubs**

Do not use fruit or nuts or sap from treated trees as food or feed.

3336 DG Lite is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of commercially important plants. 3336 DG Lite may be used for disease control and prevention programs on annual and perennial flowers, bedding plants, foliage plants, ground covers, and deciduous and evergreen trees and shrubs found in Nursery, Greenhouse, Interiorscape, and Landscape sites. Follow guidelines provided under general information for use of this product.

Application Instructions

3336 DG Lite may be used as a broadcast, fly-on, surface, over the top, and media incorporation application for the diseases listed below. For surface and broadcast applications to established plants apply at the rates below. For cut flowers do not exceed the maximum application rate 0.5 lbs ai/acre/application. 3336 DG Lite may be applied to dry or moist soil conditions and should be activated with irrigation or natural rainfall within 24 hours for best results. If irrigated, application should be watered in by applicator with 0.1-0.25 inches of water to begin activation. For media incorporation, mix at a rate of 2-3 lb/cu yd

before seeding or transplanting of desired crop. Media incorporated with 3336 DG Lite may be stockpiled for later use without activation until needed.

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 Swedish Ivy (*Plectranthus australis*), Boston Fern (*Nephrolepis exhalta*), and Easter Cactus (*Hatiora gaertneri*).

Diseases Controlled	Rate of 3336 DG Lite lb/1000 sq ft	Remarks
For control of soil borne diseases effecting Bulbs, Corms, Rhizomes, Roots, Crowns and Stems caused by: <i>Botrytis, Cythrodium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, and Thielaviopsis</i>	22-30	For preventative control, apply as media incorporation prior to planting or as broadcast, fly-on, surface, or over the top application after seeding or transplanting to propagation beds, containers, pots, or nursery or landscape beds. For curative control, apply after seeding or transplanting when disease first appears. Repeat every 21-28 days for adequate crop protection. Note: 3336 DG Lite does not control <i>Pythium</i> or <i>Phytophthora</i> . Rotations with metalaxyl, mefenoxam, etridiazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-AI are required for the control of <i>Pythium</i> and <i>Phytophthora</i> .

HOMEOWNER TURF AND ORNAMENTAL

HOMEOWNER GENERAL INFORMATION

3336 DG Lite is a broad spectrum fungicide exhibiting preventative, curative and systemic properties. It is useful on a wide variety of turf and ornamental disease problems. Apply 3336 DG Lite 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 spreader (e.g. bellygrinder). Application equipment should be properly calibrated prior to use. Application equipment should be thoroughly cleaned after use. If a rate range is given, use the higher rate under conditions of severe disease pressure. Contact your local State Extension service for recommendations for application schedules appropriate to your area. No claim of compatibility with other pesticides is implied.

Resistance Management: To avoid the development of tolerant strains of fungi, 3336 DG Lite should be used with fungicides of different modes of action. Cleary Chemical does not recommend the use of products containing thiabendazole in combination or rotation with 3336 DG Lite. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 DG Lite as recommended, and the treatment is not effective, a tolerant strain of fungi may be present. Consult your local Cleary Chemical representative, your State Agricultural Experiment Station, or your State

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Cooperative Extension Service for proper disease identification and advice on the prompt use of some other suitable fungicide or disease control strategy. As long as recommended precautions are followed, 3336 DG Lite can remain useful for disease control.

HOMEOWNER TURF APPLICATIONS

For use on all fine turf applications such as residential lawns of cool and warm season grasses such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Ryegrass, St. Augustinegrass, Zoysiagrass, or their mixtures. 3336 DG Lite is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 DG Lite is to be used for the prevention and control of the diseases mentioned below. 3336 DG Lite may be applied to dry or moist leaf/soil conditions and should be activated with irrigation or natural rainfall within 24 hours for best results. If irrigated, application should be watered in by homeowner with 0.1-0.25 inches of water to begin activation of product for disease control. Use the highest recommended rate under conditions of severe disease pressure. Do not graze animals on treated turf. Do not feed clippings to livestock or poultry. Do not use on turf being grown for sale or other commercial use as sod. Do not exceed a maximum of three (3) pounds product per 1000 square feet per application, nor a maximum of twelve (12) pounds product per 1000 square feet per season from any thiophanate-methyl containing product. Do not apply application closer than fourteen (14) days from previous treatment.

Disease(s) Controlled	Rate of 3336 DG Lite lb/1000 sq ft	Remarks
Anthracnose, basal <i>Colletotrichum graminicola</i> Anthracnose, foliar <i>Colletotrichum graminicola</i>	1.5-3	For prevention in historic areas of disease pressure, apply twice at 14 day intervals when soil temperature reaches 60°F. For curative control, apply when disease first appears and continue at 14 day intervals. Rotations with chlorothalonil or triadimefon can be utilized.
Bermudagrass Decline <i>Gaeumannomyces graminis</i> var. <i>graminis</i> Take-All-Patch <i>Gaeumannomyces graminis</i> var. <i>avenae</i>	1.5-3	Apply in mid-July or when disease symptoms first appear and repeat at 14 day intervals for suppression. Use higher rates under most severe disease expression. Follow proper agronomic recommendations to maintain plant vigor.
Cool Season Brown Patch <i>Rhizoctonia cerealis</i> Necrotic Ring Spot <i>Leptosphaeria korrea</i> Spring Dead Spot <i>Leptosphaeria korrea</i>	1.5-3	For prevention, apply in Fall before turf has stopped all growth activity. Apply second application in early Spring when soil temperatures reach 55-60°F or when disease first appears. For curative action, apply when disease first appears in early Spring and continue at 14 day intervals.
Coprinus Snow Mold <i>Coprinus psychromorbidus</i>	1.5-3	Apply 2 treatments at 21 day intervals in late fall to early winter, with the last application made just prior to first permanent snow cover. Rotations with PCNB can be utilized.
Dollar spot <i>Moellerodiscus</i> spp. <i>Lanzia</i> spp., <i>Sclerotinia</i> Large Brown Patch <i>Rhizoctonia solani</i> Ascochyta Leaf Blight <i>Ascochyta</i> spp. Copper Spot	1.5-3	For prevention, use lowest rate and apply application before expected period of disease development. Apply when disease first appears and continue at 14 day intervals. Rotations with chlorothalonil, iprodione, or mancozeb (Protect™) can be utilized.

<i>Gloeocercospora sorghi</i> Red Thread <i>Laetisaria fusiformis</i> Fusarium Patch <i>Fusarium nivale</i> Zoysia Patch <i>Rhizoctonia solani</i>	1.5-3	For prevention, use lowest rate and apply application before expected period of disease development. Apply when disease first appears and continue at 14 day intervals. Rotations with chlorothalonil, iprodione, or mancozeb (Protect™) can be utilized.
Fusarium Blight <i>Fusarium roseum</i> and <i>F. triticum</i>	1.5-3	Apply when disease first appears at 14 day intervals.
Gray Leaf Spot (Blast) <i>Pyricularia grisea</i>	1.5-3	Apply preventative application before expected period of disease development. Continue applications at 14 day intervals as needed.
Leaf Spot <i>Drechslera</i> spp. Leaf, crown, and root diseases <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>	1.5-3	Apply when disease first appears and make applications at 14 day intervals as needed. Rotations with chlorothalonil, iprodione, or mancozeb (Protect™) are recommended under severe conditions.
Pink Snow Mold <i>Microdochium nivale</i>	1.5-3	Apply middle-late Fall to early Winter before turf has stopped all growth activity or in spring during periods of thaw, or when disease symptoms first appear. Continue at 14 day intervals throughout anticipated disease period. Best results are achieved when first application is made before turf is completely dormant
Stripe Smut <i>Ustilago striiformis</i>	1.5-3	Apply when disease first appears and make two applications at 14 day intervals. For prevention, apply in spring and fall.
Summer Patch <i>Magnaporthe poae</i>	1.5-3	For prevention, apply 3 applications starting late April or early May using 21 day intervals. Rotations may be used as part of the three application program. For suppression, apply at 14 day intervals when disease first appears.

HOMEOWNER HORTICULTURAL APPLICATIONS

Annual and Perennial Flowers, Bedding Plants, Foliage Plants, Ground Covers, plus Deciduous and Evergreen Trees and Shrubs

Do not use fruit, nuts or sap from treated trees as food or feed.

3336 DG Lite is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of plants. 3336 DG Lite may be used for disease control and prevention programs on annual and perennial flowers, bedding plants, foliage plants, ground covers, and deciduous and evergreen trees and shrubs. Follow guidelines provided under general information for use of this product.

Application Instructions

3336 DG Lite may be used as a broadcast, fly-on, surface, over the top, and media incorporation application for the diseases listed below. For surface and broadcast applications to established plants apply at the rates below. 3336 DG Lite may be applied to dry or moist soil conditions and should be activated with irrigation or natural rainfall within 24 hours for best results. If irrigated, application should be watered in by homeowner with 0.1-

0.25 inches of water to begin activation. For media incorporation, mix at a rate of 2-3 lb/cu yd before seeding or transplanting. Media incorporated with 3336 DG Lite may be stockpiled for later use without activation until needed.

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 Swedish Ivy (*Plectranthus australis*), Boston Fern (*Nephrolepis exhalta*), and Easter Cactus (*Hatiora gaertneri*).

Diseases Controlled	Rate of 3336 DG Lite lb/1000 sq ft	Remarks
For control of soil borne diseases effecting Bulbs, Corms, Rhizomes, Roots, Crowns and Stems caused by: <i>Botrytis, Cythrodcladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, and Thielaviopsis</i>	3	For preventive control, apply as media incorporation prior to planting or as a surface or broadcast application after seeding or transplanting to beds or pots. For curative control, apply after seeding or transplanting when disease first appears. Repeat every 21-28 days for adequate crop protection. Note: 3336 DG Lite does not control <i>Pythium</i> or <i>Phytophthora</i> . Rotations with metalaxyl, mfenoxam, etridiazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-Al are required for the control of <i>Pythium</i> and <i>Phytophthora</i> .

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND

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If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

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The logo for Cleary, featuring a stylized 'C' followed by the word 'Cleary' in a bold, sans-serif font.

AN EXCLUSIVE LINE FROM

The logo for Nufarm, featuring a stylized 'N' above the word 'Nufarm' in a bold, sans-serif font.

LABEL HISTORY

File Name	Revision Date
001001-00070.draft080913	RV080911
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