

1001-70

8/12/2009

1 of 17



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

AUG 12 2009

Mr. Pedro Perdomo  
Cleary Chemicals, LLC  
178 Ridge Road, Suite A  
Dayton, NJ 08810

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated June 26, 2009 for:

**EPA Registration 1001-70      3336 G**


The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

A handwritten signature in cursive script that reads "Rachel C. Harriman".

Linda Arrington   
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

20917

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95



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 M. Waller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 3336 G	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Cleary Chemicals, LLC 178 Ridge Road, Suite A Dayton, NJ 08810 <input 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: <b>NOTIFICATION</b> EPA Reg. No. _____ AUG 12 2009 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input checked="" type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* 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 type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 301b, 501b, 151b		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Pedro Perdomo	Title Director - Regulatory Affairs	Telephone No. (Include Area Code) (732) 329-8399 x 1031
<b>Certification</b> 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 <b>(Stamped)</b>
2. Signature <i>Pedro Perdomo</i>	3. Title Director - Regulatory Affairs	
4. Typed Name Pedro Perdomo	5. Date June 26, 2009	

3017



**Cleary Chemical Corporation**

800.524.1662  
732.329.8399  
Fax: 732.274.0894  
178 Ridge Road  
Dayton, NJ 08810  
[www.clearychemical.com](http://www.clearychemical.com)

DATE: June 26, 2009

Mary Waller, Product Manager/Team 21  
Registration Division - Document Processing Desk  
USEPA - Office of Pesticide Programs (7504P)  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Dear Ms. Waller:

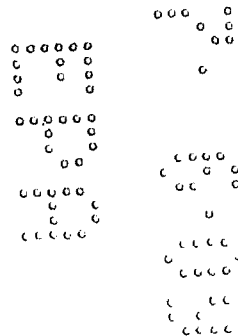
Cleary Chemicals, LLC is submitting a label notification to EPA, per EPA PR Notice 2007-4, to add container reuse statements to the product label for 3336G (EPA Reg No. 1001-70).

Enclosed please find 1) transmittal document (this letter); 2) one copy of the completed form 8570-1; 3) one copy of the master label with changes highlighted; and 4) two final (clean) copies of the master label.

If you have any questions, please do not hesitate to contact me directly at 1.800.524.1662 ext. 1031.

Thank you.

*Pedro Perdomo*  
Pedro Perdomo  
Director - Regulatory



40917

3336 G

**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-methyl ..... 2.08%

**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.

**Cleary Chemical LLC**

**178 Ridge Road, Suite A, Dayton, New Jersey 08810-1501**

**(732) 329-8399 (800) 524-1662**

**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.

### 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 Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 you 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 G 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 G 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 G 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 G. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 G 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 G 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 G is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 G is to be used for the prevention and control of the diseases mentioned below. 3336 G 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 G	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 G per Acre per Season	Pounds 3336 G 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 G lb/1000 sq ft	Remarks *
<b>Anthracnose, basal</b> <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.
<b>Anthracnose, foliar</b> <i>Colletotrichum graminicola</i>	3-6	
<b>Bermudagrass Decline</b> <i>Gaeumannomyces graminis var. graminis</i>	6-9	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.
<b>Take-All-Patch</b> <i>Gaeumannomyces graminis var. avenae</i>		
<b>Cool Season Brown Patch</b> <i>Rhizoctonia cerealis</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.
<b>Necrotic Ring Spot</b> <i>Leptosphaeria korrea</i>		
<b>Spring Dead Spot</b> <i>Leptosphaeria korrea</i>		



<b>Coprinus Snow Mold</b> <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.
<b>Dollar spot</b> <i>Moellerodiscus,</i> <i>Lanzia, Sclerotinia</i> <b>Large Brown Patch</b> <i>Rhizoctonia solani</i> <b>Ascochyta Leaf Blight</b> <i>Ascochyta spp.</i> <b>Copper Spot</b> <i>Gloeocercospora sorghi</i> <b>Red Thread</b> <i>Laetisaria fuciformis</i> <b>Fusarium Patch</b> <i>Fusarium nivale</i> <b>Zoysia Patch</b> <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.
<b>Fusarium Blight</b> <i>Fusarium roseum</i> and <i>F. triticum</i>	6-9	Apply when disease first appears at 14 day intervals.
<b>Gray Leaf Spot (Blast)</b> <i>Pyricularia grisea</i>	6-9	Apply preventative application before expected period of disease development. Continue applications at 14 day intervals as needed.
<b>Leaf Spot</b> <i>Drechslera spp.</i> <b>Leaf, crown, and root diseases</b> <i>Bipolaris, Curvularia, and 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.
<b>Pink Snow Mold</b> <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.
<b>Stripe Smut</b> <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.
<b>Summer Patch</b> <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.
<b>Bentgrass Dead Spot</b> <i>Ophiosphaerella agrostis</i>	6-9	For prevention, apply in early June or based upon 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.

**\*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	1 ¼	J	J ¾	K ½	L ¼			O
Anderson SR 2000	1 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

**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 G 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 G 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 G 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 G 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 G 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 G lb/1000 sq ft	Remarks
For control of soil borne diseases effecting Bulbs, Corms, Rhizomes, Roots, Crowns and Stems caused by: <i>Botrytis, Cylindrocladium, 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 G 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-Al are required for the control of <i>Pythium</i> and <i>Phytophthora</i> .

## HOMEOWNER TURF AND ORNAMENTAL

### HOMEOWNER GENERAL INFORMATION

3336 G 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 G 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 G 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 G. These utilize similar chemistry and mode of action and can contribute to development of disease tolerance. If, after using 3336 G 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 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 G 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 G is not phytotoxic to any of the above mentioned grasses when used in accordance with the label. 3336 G is to be used for the prevention and control of the diseases mentioned below. 3336 G 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 G lb/1000 sq ft	Remarks
Anthrachnose, basal <i>Colletotrichum graminicola</i> Anthrachnose, 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>	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.
Large Brown Patch <i>Rhizoctonia solani</i>		
Ascochyta Leaf Blight <i>Ascochyta</i> spp.		
Copper Spot <i>Gloeocercospora sorghi</i>		
Red Thread <i>Laetisaria fusiformis</i>		
Fusarium Patch <i>Fusarium nivale</i>		
Zoysia Patch <i>Rhizoctonia solani</i>		
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.	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.
Leaf, crown, and root diseases <i>Bipolaris</i> , <i>Curvularia</i> , and <i>Exserohilum</i>		
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 G is a broad spectrum systemic fungicide which controls a variety of foliar, stem, and root diseases on a wide range of plants. 3336 G 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 G 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 G 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 G 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 G lb/1000 sq ft	Remarks
For control of soil borne diseases effecting Bulbs, Corms, Rhizomes, Roots, Crowns and Stems caused by: <i>Botrytis, Cylindrocladium, 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 G 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-Al are required for the control of <i>Pythium</i> and <i>Phytophthora</i> .

### LIMITED WARRANTY AND DISCLAIMER

CLEARY CHEMICALS LLC warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. To the extent consistent with applicable law, CLEARY CHEMICALS LLC makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. To the extent consistent with applicable law, neither CLEARY CHEMICAL nor seller shall be liable for consequential, special or indirect damages resulting from the use or handling of this product including, but not limited to, loss of profits, business reputation, or customers, labor costs, or other expenses incurred in planting



or harvesting. CLEARY CHEMICAL and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of CLEARY CHEMICALS LLC.

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