Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

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Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2011-2013 LIC. NO.

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-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.

EPA Reg. No. 1001-70

Cleary

Cleary Chemicals LLC
178 Ridge Road, Suite A, Dayton,
New Jersey 08810-1501
(732) 329-8399 (800) 524-1662

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 Disposal: 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.

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 CourseTees, 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 *Colletotrichum cereale* **Anthracnose, foliar** *Colletotrichum cereale*	6-9 3-6	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 *Gaeumannomyces graminis var. graminis* **Take-All-Patch** *Gaeumannomyces graminis var. avenae*	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.
Cool Season Brown Patch *Rhizoctonia cerealis* **Necrotic Ring Spot** *Leptosphaeria korrea* **Spring Dead Spot** *Leptosphaeria korrea*	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 *Coprinus psychromorbidus*	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 *Moellerodiscus, Lanzia, Sclerotinia* **Large/Brown Patch** *Rhizoctonia solani* **Ascochyta Leaf Blight** *Ascochyta spp.* **Copper Spot** *Gloeocercospora sorghi* **Red Thread** *Laetisaria fuciformis* **Fusarium Patch** *Fusarium nivale* **Zoysia Patch** *Rhizoctonia solani*	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 *Fusarium roseum and F. triticum*	6-9	Apply when disease first appears at 14 day intervals.
Gray Leaf Spot (Blast) *Pyricularia grisea*	6-9	Apply preventative application before expected period of disease development. Continue applications at 14 day intervals as needed.
Leaf Spot *Drechslera spp.* **Leaf, crown, and root diseases** *Bipolaris, Curvularia, and Exserohilum*	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 *Michrodochium nivale*	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 *Ustilago striiformis*	6-9	Apply when disease first appears and make two applications at 14 day intervals. For prevention, apply in spring and fall.
Summer Patch *Magnaporthe poae*	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 *Ophiosphaerella agrostis*	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 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	Rate of 3336 DG Lite lbs/1,000 sq ft		
				3	6	9
Lesco Rotary	3	8	0.25	13	17	21
Cyclone rotary	3	4	n/a	4	5 1/4	6 1/2
Scotts R8A1 Rotary	3	11	6	J 1/2	N	Q
The Andersons AccuPro 2000	3	11	6	K 1/2	O	R
The Andersons SR 2000	3	11	6	K 1/2	O	R
Spyker	3	5	n/a	3 5/7	4 1/2	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 1/4	13 1/2
Precision Drop	3	n/a	n/a	5 3/4	8 1/4	11 1/2
Lely W (2)	4.5	34	III-C	5	6 3/4	8 1/4
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: *Botrytis, Cylindrocladium, Fusarium, Gliocladium, Myrothecium, Penicillium, Ramularia, Rhizoctonia, Sclerotinia, and Thielaviopsis*	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 *Pythium* or *Phytophthora*. Rotations with metalaxyl, mefenoxam, etridiazole, propamocarb, mono and dipotassium salts of phosphorous acid or fosetyl-Al are required for the control of *Pythium* and *Phytophthora*.

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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Pesticides Branch