TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE IN WATER SOLUBLE BAGS

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 (dimethyl 4,4’-o-phenylenebis[3-thiaoilophanate]) ............ 50.00%
OTHER INGREDIENTS .................................................................................. 50.00%
TOTAL ...................................................................................................... 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

• IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

• IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

• IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

• IF SWALLOWED: Call 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. 1001-63

CLEARY CHEMICAL CORPORATION
178 RIDGE ROAD
DAWTN, NJ 08810-1501

NET CONTENTS: 2 Pounds (0.9 Kg)
(CONTAINING 4 – 8 ounce WATER SOLUBLE BAGS)

Effective Date: 6.1.05
Accepted Date: 3.14.05
Replaces: 8/99

EMERGENCY PHONE NUMBERS:
8-F 9AM-5PM ET
800-534-1602 • 732-329-4399
24 Hour CHEMTREC
800-424-9300
PRECAUTIONARY STATEMENTS

1. **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**
   - Caution: Harmful if swallowed, absorbed through the 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.

2. **PERSONAL PROTECTIVE EQUIPMENT (PPE)**
   - NPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard. 40 CFR Part 170, must wear: long-sleeved shirt and long pants, and shoes with socks.
   - MON/PWP Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard, 40 CFR Part 170, should wear: long-sleeved shirt, long pants, and shoes with socks.

3. **USER SAFETY RECOMMENDATIONS:** Wash hands before eating, drinking, chewing gum, using tobacco or brushing teeth. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Rinse PPE immediately after handling this product. As soon as possible, thoroughly wash and change into clean clothing.

4. **ENVIRONMENTAL HAZARDS**
   - This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intermittent areas below the mean high water mark. Do not contaminate water by disposal of equipment washwater. Do not apply, allow to drift, or drain or flush equipment onto non-target areas.

DIRECTIONS FOR USE

1. IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANER INCONSISTENT WITH ITS LABELING. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only prohibited hard tanks may be in the area during application. For any requirements by the State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling, and with the Worker Protection Standard, 40 CFR part 170. This statement contains requirements for the protection of agricultural workers on farms, ferries, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exempted from the product is applied by in-cab, the Worker Protection Standard, under certain circumstances, stays workers enter to treated areas if there will be no contact with anything that has been treated.

PPE required for 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: chemical-resistant gloves made of any waterproof material, and shoes with socks.

GENERAL INFORMATION

3320W WP is a broad spectrum, low odour, low dust, systemic insect and mite control. It is useful on a wide variety of ornamental and agricultural disease problems. Apply 3320W WP with ground or overhead equipment, using sufficient volume of spray to provide thorough coverage. Do not apply with a blowing or dry dust, use the higher rates under conditions of severe pest pressure. Also, see local State/Local Authorities for more detailed instructions based on the specific circumstances of the application. Pesticide Disposal: Wash any resulting from the use of this product and label or by using of on site or all approved waste disposal facilities.

Container Disposal: When all water soluble bags are used, dispose of empty fish package in a sanitary landfill, or by incineration, or by disposal by State and Local authorities. By burning, it may be used for incineration.

CINEMATION

1. **GENERIC REQUIREMENTS**
   - Apply the product only through the following types of equipment: sprayer including center pivot, lateral move, and low, side-dress, or broadcast equipment.
   - Do not apply the product through any orifice other than irrigation system.
   - Do not contaminate irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide is prescribed solely for public water systems and is in public water systems.
   - Do not contaminate irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide is prescribed solely for public water systems and is in public water systems.

SPECIFIC REQUIREMENTS

1. Public water systems region a system for the prevention to the public of water for human consumption. Such systems have at least 15 service connections or regularly serves an average of at least 25 individuals daily at 6 days or out.

2. Chlorination systems, connected to public water systems must contain a functional, reduced pressure zone, backflow preventer (RPZ) for the functional equivalent in the supply line from the point of pesticide introduction. As an option for the RPZ, to the water system public water system should be discharged into a reservoir pipe prior to pesticide introduction. There should be a complete chemical (when in use) between the outlet end of the RPZ pipe and the chemical injection end of the RPZ pipe. The pesticide injection pipe line must contain a functional, automatic, cold-in-closing check valve to prevent the flow of water into the backflow preventer.

3. The pesticide injection system must contain a functional, normally closed, solvent-piped operated valve located on the intake line of the injection system for the system is to fail to prevent fluid from being drawn from the supply tank than the injection system is either automatically or manually shut down.

4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the pressure decreases to the point where such disturbances is significantly affected.

5. Systems must use a mixing pump, such as a positive displacement injection pump such as (eg. propeller pump), effectively design of the pump construction or materials not compatible with pesticides and capable of being rated with a system interface.

6. Do not apply when wind speeds are too high for the area concerned for treatment.

7. Non-specific requirements

   1. Remove source, pesticide residue, and other foreign matter from the channel and entire irrigator. Flush with clean water.

   2. Prepare a suspension of product in the mix tank or stock tank. Fill the tank with 1/2 or 3/4 of the required amount of water. Start agitation and add the required amount of product to the solution along with the remaining volume of water.

   3. Maintain a gradual agitation in the mix tank during application to ensure a uniform suspension. Following mixing instructions, apply the mixture at the rate of 0.5 to 1.0 gallons of product per acre (10 to 20 liters per hectare) in spray water at 20 to 30 psig (140 to 200 kPa) pressure.

   4. The suspension of 3320W WP into the irrigation line is to be delivered the device in a manner such that sufficient pressure to be washed through the line and all remains before turning off irrigation system.

   5. Gentle agitations in calibrations and applications will be achieved by changing to a larger volume of water or by suspending the spray tank for 5 minutes after each application. The safety of the equipment and chemical in the sprayer tank may be increased by suspending the application after each

SPRINKLER (OVERHEAD) CHEMIGATION

Observe all instructions in the Generic, Specific and Non-Specific requirements sections above and the following additional requirements:

1. The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

2. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Sprinkler systems must deliver 110 to 14 inches of water per acre. Volume of water higher than this may reduce efficacy. Application of more than recommended quantities of irrigation water per acre may result in decreased product performance. Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result.

When system connections or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product cannot be flushed and must be drained and stored in a corner pivot system, the nozzle set nearest the well point injection unit to prevent spray being applied to this area. Allow sufficient time for pesticides to be flushed through all lines and all nozzles before turning off irrigation water.

FLOOD (BASIN) CHEMIGATION

1. Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic disinfectant such as a chlorine structure of well flow to decrease potential for water source contamination from basin flow where flow stops.

2. Systems utilizing a pressurized water and pesticide injection system must meet the following requirements: Observe all instructions in the Generic, Specific and Non-Specific requirements sections above and items 1 and 2 of the sprinkler irrigation requirements.

DRIP (TRICKLE) CHEMIGATION

Observe all instructions in the Generic, Specific and Non-Specific requirements sections above.

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**TURF APPLICATIONS**

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3336 WP may be used on all fine lawn applications such as Commercial, Residential and Public (such as home lawns, parks, athletic fields, schools, and dry cemeteries), and Golf Courses (greens, tees, lawns and agric.) of cool and warm season grasses, such as Bentgrass, Bluegrass, Bermudagrass, Fescue, Rye Grass, St Augustinegrass, Zoysia grass, or their mixtures. 3336 WP is not phototoxic to any of the above-mentioned grasses when used in accordance with the label. 3336 WPs is to be used for the prevention and control of the diseases mentioned below. It has both preventive and curative activity. Do not grate animals on treated turf.

Application instructions: Apply material with properly calibrated hand held, mechanical or motorized spray equipment, or by chemigation through appropriate sprinkler irrigation systems. Spray uniformly over the areas to be treated. Apply recommended amounts in sufficient water to obtain thorough coverage of treatment area (2-4 gal per 1,000 sq. ft is suggested). When treating golf greens, always treat aprons. Use the highest recommended rate under conditions of severe disease pressure. For best results, apply after mowing or avoid mowing twelve hours after application. For root pathogens, lightly water the treatment area to move the fungicide into active root zone with area to two tenths inch of water. Excessive irrigation may move application below active root zone and reduce application effectiveness. Greener and drainage may influence irrigation practices. When tank mixing with contact action herbicides for borer diseases, applications should be allowed to dry on leaf surfaces. Normal watering may proceed after sprays have dried.

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**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.

<table>
<thead>
<tr>
<th>Use Site</th>
<th>Maximum Application Rate of 3336 WP</th>
<th>Minimum Re-Treatment Interval</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential or Public Areas</td>
<td>5.44 lbs/Acre (2 oz. / 1,000 sq. ft.)</td>
<td>14 days</td>
<td>Excludes Florida</td>
</tr>
<tr>
<td>Golf Course Tees, Greens, Aprons</td>
<td>10.88 lbs/Acre (4 oz. / 1,000 sq. ft.)</td>
<td>14 days</td>
<td>Florida Only</td>
</tr>
</tbody>
</table>

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**Table 2: Maximum Seasonal Application Rates**

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

<table>
<thead>
<tr>
<th>Use Site</th>
<th>Maximum Pounds of 3336 WP per Acre per Season</th>
<th>Maximum Ounces of 3336 WP per 1,000 sq. ft.</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential or Public Areas</td>
<td>21.76 lbs</td>
<td>8 oz.</td>
<td>4 Applications per year</td>
</tr>
<tr>
<td>Golf Course Tees, Greens, Aprons</td>
<td>43.52 lbs</td>
<td>16 oz.</td>
<td>Florida Only</td>
</tr>
<tr>
<td>Golf Course Fairways</td>
<td>16.88 lbs</td>
<td>4 oz.</td>
<td>Florida Only</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Disease(s) Controlled</th>
<th>Rate of 3336 WP</th>
<th>Remarks*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose, basal Anthracnose, collar</td>
<td>4-6 5-8,000 fl</td>
<td>For prevention or historic areas of disease pressure, apply twice at 14-day intervals when soil temperature reaches 65°F. For curative control, apply when disease first appears and continue at 14-day intervals. Rotations and/or tank mix combinations with chlorothalonil or triazole can be utilized.</td>
</tr>
<tr>
<td>Bemispodanthus graminea</td>
<td>4-6 3,500 fl</td>
<td>Apply in mid-July when disease symptoms first appear and repeat at 14-day intervals for suppression. Use higher rates under severe disease expression. Follow proper application recommendations.</td>
</tr>
<tr>
<td>Cool Season Brown Patch</td>
<td>4-6 5,000 fl</td>
<td>For prevention, apply in fall before turf has stopped all growth activity. Apply second application in early spring when soil temperatures reach 55°F or when disease first appears. For curative action, apply when disease first appears in early spring and continue at 14-day intervals.</td>
</tr>
<tr>
<td>Necrotic Ring Spot</td>
<td>4-6 2,500 fl</td>
<td>Apply 2 treatments at 21-day intervals in late fall in early winter, with the last application made just prior to first permanent snow cover. Rotations and/or tank mix combinations with PCNB or chlorothalonil can be utilized.</td>
</tr>
<tr>
<td>Fusarium Blight</td>
<td>4-6 5,000 fl</td>
<td>Apply in late fall to early winter before leaf fall has stopped all growth activity. A second application may be used to control with chlorothalonil, PCNB, or thiram (product(s) at recommended rates before snow cover or during spring thaw.</td>
</tr>
<tr>
<td>Fusarium Freckles</td>
<td>4-6 2,500 fl</td>
<td>Make two applications at 14-day intervals when disease first appears. Rotations and/or tank mix combinations with chlorothalonil or mancozeb (Product) are recommended.</td>
</tr>
<tr>
<td>Fusarium Streak</td>
<td>4-6 5,000 fl</td>
<td>Apply at 14-day intervals when disease first appears. For prevention, apply in spring and fall.</td>
</tr>
<tr>
<td>Leaf Spot</td>
<td>4-6 2,500 fl</td>
<td>Apply when disease first appears and continue at 14-day intervals. Rotations and/or tank mix combinations with chlorothalonil, propiconazole, or mancozeb (Product) can be utilized.</td>
</tr>
<tr>
<td>Rust</td>
<td>4-6 2,500 fl</td>
<td>Apply when disease first appears and continue at 14-day intervals. Rotations and/or tank mix combinations with chlorothalonil, propiconazole, or mancozeb (Product) can be utilized.</td>
</tr>
<tr>
<td>Oxythophthora aegyptica</td>
<td>4-6 2,500 fl</td>
<td>For prevention, apply in early June or June spore spray. Extension Service recommendations. Apply at 14-day intervals. Rotations and/or tank mix combinations may be used for season long disease prevention.</td>
</tr>
</tbody>
</table>

*Observe the maximum individual application rates and maximum seasonal applications listed in Table 2.

**Horticultural Applications**

**Ryegrass, Greenhouse, Shade or Lath House, Landscape and Irrigation System**

Apply at lower rates when used as a preplant treatment for agronomic crops. See label for specific rates.

**Cultural Control**

- Mow when 6-8 inches tall.
- Remove and destroy infected plants and till under water.
- Use resistant cultivars.

**Additional Information**

- For best results, use a minimum of 300 ounces per acre per season.
- Use the appropriate preplant control for the specific disease problem.
- Follow label directions for use and safety information.

**Note:** The "Directions For Use" of this product reflect the recommendations of both the facility/field user and the product label. However, this label is subject to a small scale before a full treatment. Always use the label for your specific situation. The product was not recommended for use on Swedish sweet flax (Oxydendrum arboreum), Sekkerfyn (Pachysandra terminalis), and European Cinnamon (Pachysandra terminalis).
<table>
<thead>
<tr>
<th>Disease(s)</th>
<th>Rate of 3330 WP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oviviria Blight</td>
<td>8-16 cc/100 gal</td>
<td>Apply as shown open. Repeat every 7-14 days during disease period</td>
</tr>
<tr>
<td>Pitchy Mildews</td>
<td>12-24 cc/100 gal</td>
<td>Apply when disease leucophae and saprophytes reach 1/4 to 1/2 of the host's capacity. Then apply 1/4 to 1/2 of the recommended amount.</td>
</tr>
<tr>
<td>Root Rot caused by: Pathol. Phys.</td>
<td>12-16 cc/100 gal</td>
<td>Apply when symptoms first appear and disease is 1/4 to 1/2 of the host's capacity. Then apply 1/4 to 1/2 of the recommended amount.</td>
</tr>
<tr>
<td>Tip Blight of Pine</td>
<td>16-24 cc/100 gal</td>
<td>Begin application in spring when new growth starts. Make a second application when new growth emerges from the stem and a third application 14 days later. Then apply 1/4 to 1/2 of the recommended amount.</td>
</tr>
<tr>
<td>Twig Blight, Carambola, and Othotolpe</td>
<td>16-24 cc/100 gal</td>
<td>Apply when symptoms first appear. Repeat every 7-14 days as needed during disease period.</td>
</tr>
</tbody>
</table>

**SOIL DRENCH APPLICATION**

<table>
<thead>
<tr>
<th>Disease(s)</th>
<th>Rate of 3330 WP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem, Crown, and Root Rots caused by:</td>
<td>8-16 cc/100 gal</td>
<td>Apply as a drench or drench spray using hand-held, mechanical, or mechanical press systems to apply the recommended amount.</td>
</tr>
<tr>
<td>Root Rot</td>
<td>12-16 cc/100 gal</td>
<td>Apply following the recommended amount.</td>
</tr>
</tbody>
</table>

**PLANT DIP APPLICATION**

<table>
<thead>
<tr>
<th>Disease(s)</th>
<th>Rate of 3330 WP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Print or Cutting Diseases caused by:</td>
<td>15-24 cc/100 gal</td>
<td>Immerse plants in a 1-2% solution for 15-20 min. Remove and allow to drain. Follow acceptable hygiene practices to minimize the introduction and spread of soilborne bacteria and soil-borne fungal diseases.</td>
</tr>
<tr>
<td>Boll, Cereals, and Rhizomes Rots caused by:</td>
<td>15-24 cc/100 gal</td>
<td>Soak cleaned tubers for 15-30 min in a 1% solution (8-10% P) For storage disease prevention, treat tubers before sowing. If tubers are to be treated, then only those that have been heat-treated. Then allow to dry. Follow acceptable hygiene practices to minimize the introduction and spread of soilborne bacteria and soil-borne fungal diseases.</td>
</tr>
</tbody>
</table>

**LIMITED WARRANTY AND DISCLAIMER**

CLEYRE CHEMICAL CORPORATION warrants that the material conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the label, except to the risks referred to herein. CLEYRE CHEMICAL CORPORATION makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. No oral or written statements or representations made by CLEYRE CHEMICAL CORPORATION shall constitute a warranty of any kind. CLEYRE CHEMICAL CORPORATION is not responsible for any special or incidental damages resulting from the use or handling of their product(s). CLEYRE CHEMICAL CORPORATION reserves the right to make changes in the preceding conditions of sale without notice. If any provision of this warranty is held to be unenforceable, the remaining provisions shall remain in full force and effect. CLEYRE CHEMICAL CORPORATION is not responsible for any damages arising from the use or handling of their product(s). CLEYRE CHEMICAL CORPORATION is not responsible for any damages arising from the use or handling of their product(s). CLEYRE CHEMICAL CORPORATION is not responsible for any damages arising from the use or handling of their product(s).