

THIOPHANATE-METHYL

GROUP

1

FUNGICIDE

Thick WDG Fungicide

ACTIVE INGREDIENT:

Thiophanate-Methyl:

(dimethyl[(1,2-phenylene)-bis(iminocarbonothioyl)]bis(carbamate)) 85.0%

OTHER INGREDIENTS: 15.0%**TOTAL:** **100.0%**

Contains 0.85 lb. of thiophanate-methyl per 1 lb. of product.

WT. BY %

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you **DO NOT** understand the label, find someone to explain it to you in detail.)

**See label booklet for complete First Aid, Precautionary Statements,
Directions For Use, and Storage and Disposal.**

Contains thiophanate-methyl, the active ingredient used in Topsin® and Cleary's 3336.
Thick WDG Fungicide is not manufactured or distributed by Cerexagri or Cleary.

EPA Reg. No. 83529-368

EPA Est. No. **GH** 70815-GA-002; **MA** 83411-MN-001;
TX 07401-TX-001

The EPA Establishment Number is identified by the
circled letters above that match the first two letters
in the batch number.

Manufactured For:

Sharda USA LLC 7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707**Net Contents: 1.2 lbs.**

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • 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 treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • 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 a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
HOTLINE NUMBERS	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222. For general information about this product, contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at http://npic.orst.edu.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers mixing, loading, and applying the product as a dip (including application of product in kaolinite clay to conifer seedling roots) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant apron

All other mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves for all mixers and loaders and for applicators using hand-held equipment
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been heavily contaminated with this product. **DO NOT** reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, to 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 waters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. 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). The REI for each crop is listed in the directions for use associated with each crop.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated including plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks

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 (WPS) 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.

DO NOT enter or allow others to enter until sprays have dried.

PRODUCT INFORMATION

Apply **Thick WDG Fungicide** with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. Add required amount of **Thick WDG Fungicide** to partially filled tank agitated by mechanical or hydraulic means and then add remaining required amount of water. Continuous

agitation is required to keep the material in suspension. Use the higher rate under conditions of severe disease pressure. Also, check local State Extension Service application schedules.

Use the pound (lb.) per acre rate for concentrate sprayers (less than 400 gallons) and aerial application. Use the lb. per 100 gals. rate for dilute ground application.

When an adjuvant is to be used with this product, Sharda USA LLC suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

Restrictions:

- **DO NOT** tank mix with highly alkaline pesticides including Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied.
- Chemigation instructions within the **CHEMIGATION SYSTEMS** section. **DO NOT** apply through any irrigation system unless these instructions are followed.

RESISTANCE MANAGEMENT

To avoid the development of tolerant or resistant strains of fungi, always tank mix **Thick WDG Fungicide** with a fungicide of different chemistry and/or alternate a fungicide of different chemistry with **Thick WDG Fungicide** at each application. **DO NOT** USE PRODUCTS CONTAINING THIABENDAZOLE IN COMBINATION OR IN ROTATION WITH **THICK WDG FUNGICIDE**. If after using **Thick WDG Fungicide** as directed and the treatment is not effective, a tolerant or resistant strain of fungi may be present. Discontinue the use of **Thick WDG Fungicide** for at least 1 season. **DO NOT** use products containing thiabendazole as substitutes for **Thick WDG Fungicide**, as they are of similar chemistry and will contribute to the development of resistance. As long as these precautions are followed, **Thick WDG Fungicide** can be useful for disease control even if resistant strains are present.

CHEMIGATION SYSTEMS

Use in California by Chemigation Systems Only in Beans, Cucurbits (cucumbers, melons, pumpkins, squash, watermelons), Peanuts, Potatoes, Soybeans, and Strawberries, and Sugar Beets.

Application Information

Apply **Thick WDG Fungicide** only through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move, or drip (mini-micro sprinklers, strip tubing, trickle) irrigation systems. **DO NOT** apply through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, contact Cooperative Extension Service specialists, equipment manufacturers, or other experts.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments if needed.

DO NOT connect the chemigation system to any public water system. Public water system means a system for the provision of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

System Requirements

Systems utilizing a pressurized water and pesticide injection system must meet the following requirements:

- 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.

- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 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.
- Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Instructions For Sprinkler (Overhead) Irrigation

Observe the requirements in the **System Requirements** section above. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

Apply **Thick WDG Fungicide** only through systems containing anti-siphon and check valves designed to prevent water source contamination or overflow of the mix tank and containing interlocking controls between the metering device and the water pump to ensure simultaneous shutoff.

Maintain a gentle continuous agitation in the mix tank during mixing and application to assure a uniform suspension.

Greater accuracy in calibration and distribution will be achieved by injecting a large volume of a more dilute suspension per unit time. Application of more than the specified quantities of irrigation water per acre may result in decreased product performance.

DO NOT apply when wind speed favors drift, 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 dismantled and drained. In a center pivot system, block the nozzle set nearest the well/pivot/injection unit to prevent spray being applied to this area.

Where sprinkler distribution patterns do not overlap sufficiently, unacceptable disease control may result.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water.

Thick WDG Fungicide may be applied in conjunction with chemically neutral liquid fertilizers. Avoid application in conjunction with highly alkaline fertilizers, including aqueous ammonia, as degradation of the pesticide could result in reduced performance.

Check local restrictions and requirements regarding sprinkler irrigation applications as they may vary from State to State.

Spray Preparation

Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water. Prepare a suspension of **Thick WDG Fungicide** in a mix tank. Fill the tank with 1/2 or 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the required amount of **Thick WDG Fungicide** and then the remaining volume of water.

Application Instructions

- **Sprinkler Irrigation:** Observe all **System Requirements** and **Application Information** listed within the **CHEMIGATION SYSTEMS** section. Set sprinkler system to deliver 0.1 - 1.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and then uniformly inject

the suspension of **Thick WDG Fungicide** into the irrigation water line so as to deliver the desired rate per acre. Inject the suspension of **Thick WDG Fungicide** with a positive displacement pump into the main line ahead of a right angle to ensure adequate mixing. When treatment with **Thick WDG Fungicide** has been completed, **DO NOT** irrigate the treated area for 24 - 48 hours to prevent washing the chemical off the crop.

- **Drip Irrigation (Mini-Micro Sprinklers, Strip Tubing, Trickle):** Observe **System Requirements** and **Application Information** listed within the **CHEMIGATION SYSTEMS** section.

CROP SPECIFIC DIRECTIONS

BEANS*

(Except California)

Including: Lima Bean, Snap Bean, Kidney Bean, Mung Bean, Navy Bean, Pinto Bean, Wax Bean, Broad Bean, Fava Bean, Asparagus Bean, Blackeyed Pea, Cowpea, Sweet Lupine, White Sweet Lupine, Grain Lupine, Chick Pea, and Garbanzo Bean

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Anthracnose (<i>Colletotrichum</i> spp.) Gray Mold (<i>Botrytis</i> spp.) White Mold (<i>Sclerotinia</i> spp.)	1.2 - 1.6 lbs. (1.02 - 1.36 lbs. a.i.)	For a Single Application: Apply when 100% of the plants have at least one open bloom or when conditions are favorable for disease development.
	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	For Multiple Applications: Make first application when 10% - 30% of plants have at least one open bloom and/or conditions are favorable for disease development.

Restrictions:

- A maximum of 3.2 lbs. (2.72 lbs. a.i.) of **Thick WDG Fungicide** per acre per crop cycle may be used with a minimum 7-day spray interval.
- Pre-harvest Interval (PHI): 14 days for Snap and Lima; 28 days for Dry Beans.
- Restricted-Entry Interval (REI): 1 day for all Beans; 3 days for Dry Beans.
- *Not registered for sale or use in Arizona.

BEANS

(California Only)

Including: Lima Bean, Snap Bean, Kidney Bean, Mung Bean, Navy Bean, Pinto Bean, Wax Bean, Broad Bean, Fava Bean, Asparagus Bean, Blackeyed Pea, Cowpea, Sweet Lupine, White Sweet Lupine, Grain Lupine, Chick Pea, and Garbanzo Bean

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Anthracnose (<i>Colletotrichum</i> spp.)	0.8 - 1.6 lbs. (0.68 - 1.36 lbs. a.i.)	For a Single Application: Apply once at 50% - 70% of full bloom.
Gray Mold (<i>Botrytis</i> spp.) White Mold (<i>Sclerotinia</i> spp.)	0.8 - 1.6 lbs. (0.68 - 1.36 lbs. a.i.)	For Multiple Applications: Apply twice with the first application at 10% - 30% of full bloom and a second application at 4 - 7 days later or at peak bloom.
Restrictions: <ul style="list-style-type: none">• Pre-harvest Interval (PHI): 14 days for Snap and Lima (Succulent); 28 days for Dry Beans including Dry Lima.• Restricted-Entry Interval (REI): 1 day for all Beans; 3 days for Dry Beans.		

CANOLA

(North Dakota, Minnesota, and Montana (East of Interstate 15) Only)

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Stem Rot (<i>Sclerotinia sclerotiorum</i>)	0.8 - 1.6 lbs. (0.68 - 1.36 lbs. a.i.)	For a Single Application: Apply once at stage of 20% - 50% flowering.
White Mold (<i>Sclerotinia</i> spp.)	0.8 lb. (0.68 lb. a.i.)	For Multiple Applications: Apply twice with first application at stage of 20% - 30% flowering with second application at stage of 40% - 50% flowering. Thorough coverage of flowers is essential for controlling White Mold.
Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 1.6 lbs. (1.36 lbs. a.i.) of Thick WDG Fungicide per acre per year.• Pre-harvest Interval (PHI): 0 days• Restricted-Entry Interval (REI): 12 hours		

CUCURBITS**Including:** Cucumbers, Melons, Pumpkins, Watermelons, Summer and Winter Squash

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Anthrachnose* (<i>Colletotrichum</i> spp.) Gummy Stem Blight* (<i>Didymella</i> spp.) Powdery Mildew (<i>Erysiphe</i> spp.) Target Spot* (<i>Corynespora</i> spp.)	0.2 - 0.4 lb. (0.17 - 0.34 lb. a.i.) for ground applications OR 0.4 lb. (0.34 lb. a.i.) for aerial applications	Begin applications when plants begin to run or when disease first appears and repeat at 7- to 14-day intervals as needed. For Target Spot, use 7-day intervals as needed.
Belly Rots (<i>Rhizoctonia</i> / <i>Fusarium</i> spp.)	0.4 lb. (0.34 lb. a.i.)	For Belly Rots, apply in sufficient volume to allow runoff to the soil. Does not control <i>Pythium</i> sp.
Suppression of vine decay caused by <i>Monosporascus</i> <i>cannonballus</i>	0.4 lb. (0.34 lb. a.i.)	For Disease Suppression, apply at 14-day intervals beginning at emergence and continuing to harvest. Make applications weekly or biweekly, beginning 4 - 6 weeks prior to harvest, will also offer suppression but may not be as effective as a season-long program.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 2.5 lbs. (2.13 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 1 day *Not Registered for Use By California.		

GARLIC

Diseases	Thick WDG Fungicide Rate per 100 Gals.	Application Instructions
Penicillium Clove Rot	0.8 lb. (0.68 lb. a.i.)	Immerse garlic cloves completely in suspension for at least 5 minutes. Continuously agitate the solution tank by mechanical or hydraulic means. After treatment, remove cloves from solution and drain them over sand. Dry cloves after treatment and before planting.
Restrictions: <ul style="list-style-type: none"> • Pre-harvest Interval (PHI): 0 days • Restricted-Entry Interval (REI): 12 hours 		

GARLIC and ONIONS
(In-Furrow)

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
White Rot* (<i>Sclerotium</i> spp.)	0.4 - 0.6 oz. (0.025 - 0.0375 lb.) (0.021 - 0.32 lb. a.i.) per 1,000 ft. of row (12-inch row spacing) OR 1.6 lbs. (1.36 lbs. a.i.) broadcast	Spray directly into the open furrow at the time of planting seed, sets, or bulbs.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply through any type of irrigation system. • DO NOT apply more than 1.6 lbs. (1.36 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 0 days • Restricted-Entry Interval (REI): 3 days *Not Registered for Use By California.		

GRAPES
(West of Rocky Mountains)

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Botrytis Bunch Rot (<i>Botrytis cinerea</i>) Powdery Mildew (<i>Uncinula necator</i>)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	Apply at first bloom and repeat 14 days later or whenever severe disease conditions exist. Make second application 3 - 4 weeks before harvest or when sugar begins to build. Make third application 14 days later if conditions favorable to disease development persist. For Powdery Mildew, continue applications throughout the season. Combine with sulfur or in rotation with sulfur and/or DMI fungicides.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.2 lbs. (2.72 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 14 days • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 		

GRAPES
(East of Rocky Mountains)

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Bitter Rot (<i>Melanconium</i> spp.) Black Rot (<i>Guignardia</i> spp.) Powdery Mildew (<i>Uncinula</i> spp.)	0.6 - 1.2 lbs. (0.51 - 1.02 lbs. a.i.)	Apply when foliage first develops and repeat at intervals of 14 - 21 days or as needed.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.2 lbs. (2.72 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 14 days • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 		

POTATOES*

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
White Mold (<i>Sclerotinia sclerotiorum</i>)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	Make initial application just before row closure. Repeat application within 7 - 14 days and at intervals of 7 - 14 days if conditions for disease development are favorable. Thoroughly cover lower stems and branches for control. May be tank mixed with other fungicides labeled for blight control.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.2 lbs. (2.72 lbs. a.i.) of Thick WDG Fungicide per acre per year. • DO NOT MAKE AERIAL APPLICATION FOR WHITE MOLD ON THIS CROP. • Pre-harvest Interval (PHI): 21 days • Restricted-Entry Interval (REI): 2 days 		
*Not Registered for Use By California.		

SOYBEANS

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Anthracnose <i>(Colletotrichum spp.)</i> Brown Spot <i>(Septoria spp.)</i> Frog-Eye Leaf Spot <i>(Cercospora spp.)</i> Purple Seed Stain <i>(Cercospora spp.)</i> Stem and Pod Blight <i>(Diaporthe spp. and the imperfect stage, Phomopsis spp.)</i>	0.4 - 0.8 lb. (0.51 - 0.68 lb. a.i.)	Apply from full bloom when pods are 1/8 - 1/4 inch in length. Make a second application 14 - 21 days later. DO NOT make the second application later than 14 days after pods average 1/4 inch in length or when beans form in the pod. Use the high rate under severe disease pressure. For Seed Beans Only: For seed quality, make a single application at the high rate when beans form in the pod.
White Mold <i>(Sclerotinia spp.)</i>	0.6 - 0.8 lb. (0.51 - 0.68 lb. a.i.)	Make 1 application at early bloom (R-1 to R-2 stage) followed by a second application 7 - 14 days later if conditions are favorable for continued disease pressure. Use a minimum of 5 gals. of water by air.
Aerial Blight (Suppression)	0.8 lb. (0.68 lb. a.i.)	Make initial application when disease threatens and repeat 14 - 21 days later if needed.
Restrictions: <ul style="list-style-type: none"> • DO NOT make more than 2 applications per year. • DO NOT graze or feed treated vines to livestock. • Pre-harvest Interval (PHI): 21 days • Restricted-Entry Interval (REI): 1 day 		

STRAWBERRIES

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Fruit Rot <i>(Botrytis spp.)</i> Leaf Blight <i>(Dendrophoma spp.)</i> Leaf Scorch <i>(Diplocarpon spp.)</i> Powdery Mildew <i>(Sphaerotheca spp.)</i>	0.6 - 0.8 lb. (0.51 - 0.68 lb. a.i.)	Begin applications at early bloom and continue at 7- to 10-day intervals. Use higher rate East of the Rocky Mountains and under conditions of severe disease pressure.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.2 lbs. (2.72 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 1 day • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 		

SUGARBEET

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Leaf Spot (<i>Cercospora</i> spp.) Powdery Mildew (<i>Erysiphe</i> spp.)	0.4 - 0.8 lb. (0.34 - 0.68 lb. a.i.)	Begin applications when disease first appears and repeat at 14- to 21-day intervals as needed.
Restrictions: <ul style="list-style-type: none">• DO NOT apply more than 2.5 lbs. (2.13 lbs. a.i.) of Thick WDG Fungicide per acre per year.• Pre-harvest Interval (PHI): 21 days• Restricted-Entry Interval (REI): 1 day• Refer to the RESISTANCE MANAGEMENT section for additional instructions.		

TRITICALE AND FALL SEEDED WHEAT DIRECTIONS

Idaho, Oregon, and Washington Only

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Foot Rot, Strawbreaker, Eye Spot (<i>Pseudocercospora</i> sp.)	0.8 lb. (0.68 lb. a.i.)	Apply at the rate indicated in a single application by air or ground after wheat is tillered, but before stem elongation has begun. Use sufficient water to obtain thorough coverage.
Restrictions: <ul style="list-style-type: none">• DO NOT make more than 1 application per year.• DO NOT cut for hay within 90 days of application.• DO NOT allow livestock to graze in treated areas before harvest.• Pre-harvest Interval (PHI): 0 days• Restricted-Entry Interval (REI): 1 day		

TREE CROP DIRECTIONS

ALMONDS

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Brown Rot Blossom Blight <i>(Monilinia spp.)</i> Jacket Rot <i>(Monilinia spp., Sclerotinia spp., Botrytis spp.)</i> Leaf Blight <i>(Seimatosporium spp.)</i> Scab <i>(Cladosporium spp.)</i>	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	Apply as needed between early pink bud and petal fall. For control of Scab, Jacket Rot, and Leaf Blight, apply in combination with a contact fungicide.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 2.47 lbs. (2.10 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 3 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 		

APPLES
(Pre-Harvest)

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Apple Scab (<i>Venturia</i> spp.) Bitter Rot (<i>Glomerella</i> spp.) Black Pox* (<i>Helminthosporium papulosum</i>) Black Rot (<i>Physalospora</i> spp.) Brooks Fruit Spot (<i>Mycosphaerella</i> spp.) Flyspeck (<i>Zygophiala</i> spp.) Powdery Mildew (<i>Podosphaera</i> spp.) Sooty Blotch (<i>Gloeodes</i> spp.) White Rot* (<i>Botryosphaeria</i> spp.)	0.6 - 0.8 lb. (0.51 - 0.68 lb. a.i.) (Except California) 1.2 lbs. (1.02 lbs. a.i.) (California Only)	0.15 - 0.20 lb. (0.13 - 0.17 lb. a.i.)	Apply at 5- to 10-day intervals from green tip through petal fall; continue at 7- to 14-day intervals as cover sprays.
Blue Mold (<i>Penicillium expansum</i>) Bulls-Eye Rot (<i>Neofabraea</i> spp.) Gray Mold (<i>Botrytis cinerea</i>) Storage Rot	0.8 lb. (0.68 lb. a.i.)	-	Pre-harvest use to control post-harvest diseases on apples. Apply as a pre-harvest spray within 2 weeks to 3 days of harvest. Thorough coverage of the fruit is required. Application closer to harvest may provide better efficacy.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • For Resistance Management, DO NOT use a benzimidazole fungicide post-harvest following Thick WDG Fungicide application. Application of a non-benzimidazole post-harvest fungicide will provide better protection from post-harvest diseases. *Not Registered for Use By California.			

APRICOTS

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Brown Rot (<i>Monilinia</i> spp.) Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) (In California, use the higher rate.)	0.4 lb. (0.34 lb. a.i.)	Apply at early bloom (red bud). Make a second application at full bloom. In addition, for fruit brown rot, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest spray.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

CHERRIES

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Cherry Leaf Spot (<i>Coccomyces</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	0.3 - 0.4 lb. (0.26 - 0.34 lb. a.i.)	Apply at petal fall or before when leaves first unfold and at first, second, and third cover sprays at 10- to 14-day intervals and one spray 14 - 21 days after harvest.
Powdery Mildew (<i>Podosphaera</i> spp., <i>Sphaerotheca</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) PLUS 0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	0.4 lb. (0.34 lb. a.i.) PLUS 0.3 - 0.4 lb. (0.26 - 0.34 lb. a.i.)	Apply at early bloom (early popcorn). Make a second application at full bloom. PLUS Apply at shuck fall and first cover.
Brown Rot (<i>Monilinia</i> spp.) Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) (In California, use the higher rate.)	0.4 lb. (0.34 lb. a.i.)	Apply at early bloom (early popcorn). Make a second application at full bloom. In addition, for fruit brown rot, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest spray.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

NECTARINES

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Brown Rot (<i>Monilinia</i> spp.) Blossom Blight (<i>Monilinia</i> spp.) Fruit Brown Rot (<i>Monilinia</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) (In California, use the higher rate.)	0.4 lb. (0.34 lb. a.i.)	Apply at early bloom (pink bud). Make a second application at full bloom. In addition, for fruit brown rot, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest spray.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

PEACHES

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Brown Rot (<i>Monilinia</i> spp.) Blossom Blight (<i>Monilinia</i> spp.) Peach Scab (<i>Cladosporium</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) PLUS 0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	0.4 - 0.6 lb. (0.34 - 0.51 lb. a.i.) PLUS 0.3 - 0.4 lb. (0.26 - 0.51 lb. a.i.)	Apply at early bloom (pink bud). Make a second application at full bloom if conditions favor disease development. PLUS Apply at shuck split and at first cover spray. Treatments must be 10 days apart.
Fruit Brown Rot (<i>Monilinia</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) (In California, use the higher rate.)	0.4 - 0.6 lb. (0.34 - 0.51 lb. a.i.)	Apply at early bloom (pink bud). Make a second application at full bloom. In addition, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest spray.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

PEANUTS

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Leaf Spot (<i>Cercospora</i> spp.) Limb Rot (<i>Rhizoctonia</i> spp.) Rust (<i>Puccinia</i> spp.) Web Blotch (<i>Ascochyta</i> spp.)	0.4 lb. (0.34 lb. a.i.)	Begin applications 35 days after planting or when disease first appears and repeat at 14-day intervals or as needed. Use the 14-day interval under severe disease pressure. Use only in combination with another non-benzimidazole fungicide including mancozeb at labeled rates.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 1.65 lbs. (1.40 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 14 days • Restricted-Entry Interval (REI): 1 day • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 		

PEARS

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Fabraea Leaf Spot (<i>Fabraea maculate</i>) Flayspeck (<i>Microthyriella rubi</i>) Pear Scab (<i>Venturia pirina</i>) Powdery Mildew (<i>Oidium</i> spp.) Sooty Blotch (<i>Gloeodes pomigena</i>)	0.8 lb. (0.68 lb. a.i.)	0.2 lb. (0.17 lb. a.i.)	Apply in a minimum spray volume of 10 gals. per acre for aerial applications. Apply at intervals of 5 - 10 days from green tip through petal fall. Apply again at intervals of 7 - 14 days in cover sprays.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply through any type of irrigation system. • DO NOT apply more than 3.2 lbs. (2.72 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

PECANS

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Brown Spot (<i>Cercospora</i> spp.) Downy Spot (<i>Mycosphaerella</i> spp.) Liver Spot (<i>Gnomonia</i> spp.) Powdery Mildew (<i>Microsphaera</i> spp.) Scab (<i>Fusicladium</i> spp.) Stem End Blight (<i>Botryosphaeria</i> spp.) Zonate Leaf Spot (<i>Cristulariella</i> spp.)	0.4 - 0.8 lb. (0.34 - 0.68 lb. a.i.)	Use the higher rate for trees over 30 feet tall and for aerial application in AR, GA, LA, MS, OK, and TX. Begin application when first leaves are showing and repeat at 3- to 4-week intervals until shuck split.
Restrictions: <ul style="list-style-type: none"> • DO NOT spray after shuck split. • DO NOT apply more than 2.5 lbs. (2.13 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 3 days 		

PISTACHIOS

Diseases	Thick WDG Fungicide Rate per Acre	Application Instructions
Shoot Blight (<i>Botrytis</i> spp., <i>Botryosphaeria</i> spp.)	1.2 - 1.6 lbs. (1.02 - 1.36 lbs. a.i.)	Apply at bloom. Apply in a minimum of 100 gals. by ground or 20 gals. per acre by air. For aerial application, fly over every row or center.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 1.6 lbs. (1.36 lbs. a.i.) Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 0 days • Restricted-Entry Interval (REI): 3 days 		

PLUMS/PRUNES

Diseases	Thick WDG Fungicide Rate		Application Instructions
	Per Acre	Per 100 Gals.	
Black Knot (<i>Dibotryon</i> spp.) Blossom Blight (<i>Monilinia</i> spp.) Brown Rot (<i>Monilinia</i> spp.) Leaf Spot (<i>Coccomyces</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.)	0.4 lb. (0.34 lb. a.i.)	Apply at pre-bloom, petal fall, and at first, second, and third cover spray at 10- to 14-day intervals. For Leaf Spot, make one spray 14 - 21 days after harvest.
Fruit Brown Rot (<i>Monilinia</i> spp.)	0.8 - 1.2 lbs. (0.68 - 1.02 lbs. a.i.) (In California, use the higher rate.)	0.4 lb. (0.34 lb. a.i.)	Apply at early bloom (green tip). Make a second application at full bloom. In addition, apply 1 or 2 sprays starting 3 weeks before harvest. If needed under severe disease pressure, apply additional sprays at 10- to 14-day intervals between full bloom and final pre-harvest spray.
Restrictions: <ul style="list-style-type: none"> • DO NOT apply more than 3.3 lbs. (2.81 lbs. a.i.) of Thick WDG Fungicide per acre per year. • Pre-harvest Interval (PHI): 1 day • Restricted-Entry Interval (REI): 2 days • Refer to the RESISTANCE MANAGEMENT section for additional instructions. 			

CONIFER DIRECTIONS

CONIFERS*

Crop	Diseases	Thick WDG Fungicide Rate		Application Instructions
		Per Acre	Minimum Gallonage	
PINE Austrian Red Scots Christmas Trees	Tip Blight (<i>Diplodia</i> spp.)	56 oz. (3.5 lbs. product) (2.98 lbs. a.i.)	13 oz. (0.8 lb. a.i.) (0.68 lb. a.i.) product per acre applied in spray solution at a rate of 100 gals. per acre	Apply at bud break. Repeat 10 - 14 days later, just before needles emerge from sheath; repeat again 10 - 14 days af- ter needle emergence.
FIR Douglas	Swiss Needle Cast (<i>Phaeocryptopus</i> spp.) Rhabdocline Needle Cast	56 oz. (3.5 lbs. product) (2.98 lbs. a.i.)	13 oz. (0.8 lb. a.i.) (0.68 lb. a.i.) product per acre applied in spray solution at a rate of 50 gals. per acre	Apply initially in early May. Repeat at 4-week intervals.
<p>Add a spreader/sticker to improve coverage. Use minimum gallonage with mist-blower types of sprayers and higher gallonage with conventional sprayers.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • DO NOT exceed maximum use rates rate per acre, including those for diluted sprays. • DO NOT graze livestock in treated areas. • Restricted-Entry Interval (REI): 12 hours <p>*Not Registered for Use By California.</p>				

(continued)

CONIFERS* (continued)

Crop	Diseases	Thick WDG Fungicide Rate		Application Instructions
		Per Acre	Minimum Gallonage	
CONIFERS* (Seedling Treatment) Longleaf	Brown Needle Blight (<i>Scirrhia</i> spp.)	-	0.8 oz./9.5 oz. (0.05/0.59 lb.) (0.0425/ 0.502 lb. a.i.) dry kaolinite clay for seedling roots.	Wet seedling roots in clean water; then apply Thick WDG Fungicide /kaolinite mixture to wet roots.
Loblolly Longleaf Slash	Fusarium and Rhizoctonia Root Rot	-	1.6 oz./50 oz. (0.1/3.00 lbs.) (0.085/ 2.55 lbs. a.i.) kaolinite clay, plus enough water to make a slurry.	Thoroughly cover seedling roots with Thick WDG Fungicide /kaolinite slurry.
Restrictions: <ul style="list-style-type: none"> • DO NOT exceed maximum use rates rate per acre, including those for diluted sprays. • DO NOT apply mixture to seedling foliage. • During treatment, avoid excessive drying of roots or exposure to temperatures greater than 90°F or less than 32°F. • This product does not control <i>Pythium</i> spp. or <i>Phytophthora</i> spp. *Not Registered for Use By California.				

HORTICULTURAL APPLICATIONS GREENHOUSE, NURSERY, AND LANDSCAPE DIRECTIONS

Thick WDG Fungicide provides broad-spectrum disease control on containerized woody, flowering, herbaceous, and tropical foliage ornamental plants, trees, and turf grasses.

Restrictions:

- Not for homeowner use.
- **DO NOT** tank mix **Thick WDG Fungicide** with copper-containing materials or with highly alkaline pesticides including Bordeaux mixture or lime sulfur. No claim of compatibility with other pesticides is implied.
- **DO NOT** use fruit or nuts from trees treated with this product as food.
- **DO NOT** apply to home orchards or backyard fruit trees after fruit set.
- **DO NOT** use this product on the following plants: Swedish Ivy (*Neprolepis exaltata*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertneri*).

Make applications of **Thick WDG Fungicide** with ground equipment using sufficient spray volume to provide thorough coverage. Under conditions of severe disease pressure or when application intervals are shorter than 14 days due to persistent rainfall, use the higher concentration or rates provided in this label. Consult your local State Extension Service specialist for application schedule.

IMPORTANT: If specified treatments of **Thick WDG Fungicide** are ineffective, a tolerant strain of fungus may be present. Consult your Sharda USA LLC representative or distributor, or your local State Agricultural Experiment Station for advice on prompt use of some other labeled fungicide.

Thick WDG Fungicide provides broad-spectrum control of many foliar, stem, and below-ground diseases. Apply **Thick WDG Fungicide** 14 - 21 days prior to appearance of a particular disease and at the very latest, upon first sign of disease. Apply at spray intervals ranging from 7 - 14 days with 14 days being for preventative treatments and the 7-day interval for times when disease development is likely. For hard-to-wet foliage, an acceptable wetting agent may be added to the spray tank to increase product efficacy. Use of a spreader/sticker is suggested when excessive and repeated foliar wetting occurs.

Thick WDG Fungicide may be used to control listed diseases on noncommercial fruit and nut trees.

Thick WDG Fungicide has been determined to be safe for use on the plant types listed in these directions for use based on cumulative data derived from research trials and historical field use. As all species and cultivars have not been tested, make trial applications if a user wishes to make an application to a plant type not listed on the label but found on a similar use site and for disease that is listed on the label. To conduct a trial application, apply at least 2 applications to at least 25 trial plants at the highest concentration, 7 days apart. Evaluate 7 days after the last application before initiating full-scale application.

Plant Type	Including:
Herbaceous Bedding	Ageratum, Begonia, Canna, Coleus, Dahlia, Dusty Miller, Foxglove, Fuchsia, Geranium, Impatiens, Lavender, Marigold, Pansy, Petunia, Pinks, Primrose, Salvia, Statice, Strawflower, Tickseed, Verbena
Flowering	Chrysanthemum, Hydrangea, Hollyhock, Iris, Lily, Poinsettia
Tropical Foliage	Dieffenbachia, Dracaena, English Ivy, Philodendron, Pothos
Woody Ornamentals	Azalea, Hibiscus, Holly, Ligustrum, Rhododendron, Rose, Pyracantha
Evergreen Trees	Douglas Fir, Fir, Larch, Pine, Spruce
Deciduous Trees*	Ash, London Plane, Maple, Oak, Sycamore, Walnut
Flowering Trees*	Cherry, Crabapple, Hawthorn, Mountain Ash, Pear
*DO NOT use fruit or nuts from treated trees as food or feed.	

FOLIAR SPRAY APPLICATIONS

Restrictions:

- **Maximum Single Application Rates**
 - **Ornamentals:** **DO NOT** exceed the maximum single application rate of 3.5 lbs. **Thick WDG Fungicide** per acre (3 lbs. thiophanate-methyl per acre).
 - **Cut Flowers:** **DO NOT** exceed the maximum single application rate of 0.59 lb. **Thick WDG Fungicide** per acre (0.5 lb. thiophanate-methyl per acre).
- **Seasonal Maximum Application**
 - **All Ornamentals:** **DO NOT** apply more than 353 lbs. of **Thick WDG Fungicide** per acre per year (300 lbs. thiophanate-methyl per acre per year).
- **DO NOT** use this product on the following plants: Swedish Ivy (*Nephrolepis exaltata*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertneri*).

Hydraulic Application Mixing Instructions

Add the required amount of **Thick WDG Fungicide** to a partially filled spray tank agitated by mechanical or hydraulic means and then add the remaining volume of water. Maintain continuous agitation to keep the material in suspension and apply with properly calibrated spray equipment.

Application Concentrations (Mechanical or Hand-Held)

Use the labeled amount of **Thick WDG Fungicide** per 100 gals. of water for the prevention and control of the diseases shown in the following **Foliar Diseases** table.

Adjuvants

Where rainfall and/or overhead irrigation is the normal, use of a compatible spreader/sticker is suggested. Where wetting of foliage is difficult, use a compatible wetting agent.

Plant Types and Diseases Controlled

Diseases	Plant Types
Anthrachnose	Woody ornamentals, shade trees*
Ascochyta Blight	Herbaceous ornamentals
Black Spot	Roses
Brown Rot	Woody and herbaceous ornamentals
Colletotrichum	Woody and herbaceous ornamentals
Cercospora Leaf Spot	Woody and herbaceous ornamentals
Corynespora Leaf Spot	Ligustrum
Didymellina Leaf Spot	Iris
Diplodia Tip Blight (<i>Diplodia pinea</i>)	Shade and ornamental trees
Entomosporium Leaf Spot	Woody and herbaceous ornamentals
Fusicladium Leaf Scab	Woody and herbaceous ornamentals
Gray Mold (<i>Botrytis</i> spp.)	Woody and herbaceous ornamentals
Ovulinia	Azalea, rhododendron**
Phomopsis Blight	Woody and herbaceous ornamentals
Pine Tip Blights	Woody plants
Powdery Mildew	Woody and herbaceous ornamentals
Rust Diseases	Ornamental nut and fruit trees
Ramularia Leaf Spot	Herbaceous ornamentals
Scab	Pyracantha, flowering crab, ornamental fruit and nut trees
Septoria Leaf Spot	Woody and herbaceous ornamentals

(continued)

Plant Types and Diseases Controlled (continued)

Diseases	Plant Types
Venturia Leaf Scab	Woody and herbaceous ornamentals
*Begin at bud and make 2 or 3 additional applications at 10- to 14-day intervals. **Begin treatment as flowers open. Addition of a spray surfactant to the spray mixture improves distribution of the spray on hard-to-wet plants including roses.	

Foliar Diseases

Diseases/Pathogens Controlled	Concentration Rate of Thick WDG Fungicide per 100 Gals.	Application Instructions
Anthrachnose (<i>Colletotrichum</i>)	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Apply as buds break or at first sign of disease. Repeat application at 7- to 14-day intervals as needed during disease period.
Black Spot of Rose (<i>Diplocarpon rosae</i>)	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Apply early summer or at first sign of disease. Repeat application every 7 - 14 days as needed during disease period.
Brown Rot and Blight (<i>Monilinia</i> , <i>Sclerotinia</i> , <i>Whetzelinia</i>)	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Apply late spring or at first sign of disease. Repeat application every 7 - 14 days as needed during the disease period.
Fusicladium and Venturia Leaf Scabs on: Crabapple, Hawthorn, Pear, Mountain Ash, Pyracantha, etc.	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Apply as buds break. Repeat application every 7 - 14 days during disease period. Effective control requires coverage during expansion. Rotations with chlorothalonil or propiconazole can be utilized.
Leaf Spots and Blights caused by: <i>Ascochyta</i> , <i>Blumeriella</i> , <i>Botrytis</i> , <i>Cercospora</i> , <i>Coccomyces</i> , <i>Corynespora</i> , <i>Curvularia</i> , <i>Didymellina</i> , <i>Entomosporium</i> , <i>Fabraea</i> , <i>Fusarium</i> , <i>Ramularia</i> , <i>Rhizoctonia</i> , <i>Marssonina</i> , <i>Mycosphaerella</i> , <i>Myrothecium</i> , <i>Phoma</i> , <i>Physalospora</i> , <i>Schizothyrium</i> , <i>Septoria</i> , <i>Sphaceloma</i>	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Make applications when disease symptoms first appear. Repeat every 7 - 14 days during disease period. Rotations with chlorothalonil can be used.

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Foliar Diseases (continued)

Diseases/Pathogens Controlled	Concentration Rate of Thick WDG Fungicide per 100 Gals.	Application Instructions
Ovulinia Blight	4.8 - 9.6 oz. (0.3 - 0.60 lb.) (0.26 - 0.51 lb. a.i.)	Apply as flowers open. Repeat every 7 - 14 days during disease period.
Powdery Mildews (<i>Erysiphe</i> , <i>Microsphaera</i> , <i>Phyllactinia</i> , <i>Podosphaera</i> , <i>Oidium</i> , <i>Sphaerotheca</i>)	4.8 - 9.6 oz. (0.3 - 0.60 lb.) (0.26 - 0.51 lb. a.i.)	Apply when disease first appears and repeat application every 7 - 14 days. Rotations with other effective products can be used.
Rust Diseases caused by: <i>Puccinia</i> , <i>Gymnosporangium</i> , <i>Uromyces</i>	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Apply late spring or when symptoms first appear. Repeat applications every 7 - 14 days during disease period. Make rotations with other effective products.
Tip Blight of Pine (<i>Sphaeropsis sapinea</i> , <i>Diplodia pinea</i>)	7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.)	Begin applications in the spring when new growth starts. Make a second application just prior to needle emergence from the sheath and a third application 7 days later. Ensure thorough coverage.
Twig Blights, Cankers, and Diebacks (<i>Diaporthe</i> , <i>Kabatina</i> , <i>Phoma</i> , <i>Phomopsis</i>)	9.6 - 19.2 oz. (0.6 - 1.2 lbs.) (0.51 - 1.02 lbs. a.i.)	Apply when disease symptoms first appear. Repeat applications every 7 - 14 days during disease period.

SOIL DRENCH APPLICATIONS

Restrictions:

- **DO NOT** apply to plug trays or seedling flats at time of seeding.

Mixing Instructions

Add required amount of **Thick WDG Fungicide** to a partially filled tank agitated by mechanical or hydraulic means. Add the remaining required amount of water. Maintain continuous agitation to keep the material in suspension.

Application Rates and Timing for Disease Control

Use 4.8 - 9.6 oz. (0.3 - 0.6 lb.) (0.26 - 0.51 lb. a.i.) of **Thick WDG Fungicide** per 100 gals. of water. Apply as a drench (0.3 lb) (0.26 lb. a.i.) or heavy spray at the rate of 0.5 - 2 pints per square foot (100 gals. per 400 - 1,600 sq. ft.). For small pots and shallow flats up to 4 inches in size, use 4.8 oz. per 100 gals. applied at 1 pint. For containers and pots 4 inches or larger, refer to the following table for the volume to apply. Repeat applications may be made at 4- to 8-week intervals depending on disease presence and conditions for disease development.

Container Type	Volume to Apply/Container	
	1 Pt./Sq. Ft. Rate	2 Pts./Sq. Ft. Rate
4 inch	1.2 fl. oz.	-
5 inch	1.5 fl. oz.	-
6 inch	-	3.9 fl. oz.
7 inch	-	5.1 fl. oz.
8 inch	-	6.6 fl. oz.
9 inch	-	8.4 fl. oz.
10 inch	-	10.5 fl. oz.

For containers larger than 10 inches, a drench volume of 2.5 - 3 pts. per sq. ft. of surface area may be required.

Plant Types

Containerized woody shrubs, trees, herbaceous/bedding, flowering, and tropical foliage plants and flowers and bedding plants in the landscape.

Soil Diseases Controlled

Botrytis, *Cylindrocladium*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia*, and *Thielaviopsis*.

Note: *Pythium*, *Phytophthora*, and *Cylindrocladium spathiphyllum* are not controlled by **Thick WDG Fungicide**.

PLANT DIP TREATMENT

Mixing Instructions

Mix as described in the **FOLIAR SPRAY APPLICATIONS** and **SOIL DRENCH APPLICATIONS** sections. Maintain continuous agitation during application.

Application Concentration and Dipping Time

- **Plants or Cuttings:** Use 7.2 - 9.6 oz. (0.45 - 0.60 lb.) (0.38 - 0.51 lb. a.i.) of **Thick WDG Fungicide** per 100 gals. of water. Immerse plants or cuttings for 10 - 15 minutes, remove, and allow to drain and dry. Wear protective clothing as described under the **PERSONAL PROTECTIVE EQUIPMENT** section.
- **Bulbs, Corms, Tubers, and Rhizomes:** Use 9.6 - 19.2 oz. (0.60 - 1.20 lbs.) (0.51 - 1.02 lbs. a.i.) of **Thick WDG Fungicide** per 100 gals. of water. Soak cleaned bulbs for 15 - 30 minutes in warm dip (80 - 85°F) within 48 hours of digging. Dry bulbs after treatment. If bulbs are for forcing, treat bulbs that have been heat cured.

Plant Types

Propagated units of woody, herbaceous, flowering, and tropical foliage plants. Bulbs, corms, tubers, and rhizomes of plants including but not limited to Caladium, Easter Lily, Tulip, Gladiolus, Daffodil, and Iris.

Diseases Controlled

Botrytis, *Cylindrocladium*, *Fusarium*, *Gliocladium*, *Myrothecium*, *Penicillium*, *Ramularia*, *Rhizoctonia*, *Sclerotinia*, and *Thielaviopsis*.

TURF APPLICATIONS

Thick WDG Fungicide may be used against certain foliar and soil diseases for use on all turf types including golf course greens, tees and fairways, athletic fields, cemeteries, parks, and commercial and home lawns. For use only by certified applicators or those under their immediate supervision. **Thick WDG Fungicide** may be used both preventatively and curatively and is not phytotoxic.

Restrictions:

- Not for homeowner use.
- **DO NOT** apply with fixed wing or rotary aircraft.
- **DO NOT** use **Thick WDG Fungicide** on turf being grown for sale or other commercial uses including sod.
- **DO NOT** graze animals on treated turf.
- **DO NOT** feed clippings to livestock or poultry.

Use Sites and Maximum Application Rates

Site	Maximum Single Application Rate of Thick WDG Fungicide per Oz./1,000 Sq. Ft.	Maximum Yearly Application Rate of Thick WDG Fungicide Oz./1,000 Sq. Ft.
Golf Course green/tees/aprons	3.5 (0.22 lb. a.i.) (0.19 lb. a.i.)	9.2 (0.58 lb. a.i.) (0.49 lb. a.i.)
Golf Course Fairways (Except Florida)	2.4 (0.15 lb. a.i.) (0.13 lb. a.i.)	2.4 (0.15 lb. a.i.) (0.13 lb. a.i.)
Golf Course Fairways (Florida only)	1.2 (0.075 lb. a.i.) (0.064 lb. a.i.)	1.2 (0.075 lb. a.i.) (0.064 lb. a.i.)
Residential and Public areas (home lawns, parks, athletic fields, schools, day care centers)	1.2 (0.075 lb. a.i.) (0.064 lb. a.i.)	4.6 (0.29 lb. a.i.) (0.24 lb. a.i.)

Mixing Instructions

Add the required amount of **Thick WDG Fungicide** to a partially filled tank agitated by mechanical or hydraulic means. Add the remaining required amount of water. Maintain continuous agitation to keep the material in suspension. For best results, use spray mixture the same day it is prepared.

Turf Application Directions

Apply **Thick WDG Fungicide** uniformly over the area to be treated with a properly calibrated power sprayer. Apply after mowing or avoid mowing for 12 hours after application. Apply sufficient water to obtain thorough coverage; usually 1.5 - 2.5 gals. per 1,000 sq. ft. of turf area. When treating golf greens, always treat aprons and approaches to golf greens.

Turf Types

All cool-season and warm-season grasses (including but not limited to Bentgrass, Bermudagrass, Bluegrass, Fescue, Ryegrass, St. Augustinegrass, and Zoysiagrass) or their mixtures.

Diseases Controlled	Thick WDG Fungicide Rate per 1,000 Sq. Ft.*	Application Instructions
Anthrachnose (<i>Colletotrichum graminicola</i>)	1.2 - 2.4 oz. (0.075 - 0.15 lb.) (0.064 - 0.13 lb. a.i.) (2.4 - 3.6 oz.)** (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.)	Apply when disease first appears. Make additional applications at 14-day intervals as needed. Allow spray to dry on leaves with no watering in.
Dollar Spot (<i>Sclerotinia homoeocarpa</i>) Copper Spot (<i>Gloeocercospora sorghi</i>) Brown Patch and Zoysia Patch (<i>Rhizoctonia solani</i>) Red Thread (<i>Laetisaria fuciformis</i>)	1.2 - 2.4 oz. (0.075 - 0.15 lb.) (0.064 - 0.13 lb. a.i.)	Apply when disease first appears. Make additional applications at 14-day intervals as needed. Allow spray to dry on leaves with no watering in.
Pink Snow Mold (<i>Microdochium nivale</i>)	1.2 - 2.4 oz. (0.075 - 0.15 lb.) (0.064 - 0.13 lb. a.i.)	Only for those areas where snow cover is not present the entire winter. Apply Thick WDG Fungicide in middle to late November before turf has stopped all growth activity. Lightly water application into the root zone for best results. For best results, use a spreader/sticker. Let the second spray dry on leaf surfaces with no watering in. Minimum spray interval is 14 days.
Gray Leaf Spot (<i>Pyricularia grisea</i>)	2.4 - 3.6 oz. (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.)	Apply when conditions are favorable for disease development. Continue at 14-day intervals. Let the spray dry on leaves with no watering in.
Summer Patch (<i>Magnaporthe poae</i>)	2.4 - 3.6 oz. (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.)	For preventative treatment, make 3 applications at 21-day intervals beginning in early May. Water product into the root zone thoroughly after application. For suppression, apply 2 applications at 14-day intervals, beginning applications when the disease first appears.
Fusarium Blight (<i>Fusarium roseum</i>) Necrotic Ring Spot and Spring Dead Spot (<i>Leptosphaeria korrae</i>)	2.4 - 3.6 oz. (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.)	Make 2 applications at 14-day intervals beginning applications when the disease first appears.

(continued)

Diseases Controlled	Thick WDG Fungicide Rate per 1,000 Sq. Ft.*	Application Instructions
Stripe Smut (<i>Ustilago striiformis</i>)	2.4 - 3.6 oz. (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.)	Make 2 applications at 14-day intervals when disease first appears. Water into root zone after application. For prevention, apply in the spring (just before grass begins growth), and in the fall.
*Refer to the Use Sites and Maximum Application Rates table to determine allowable rates for each application.		
**Use the 2.4 - 3.6 oz. (0.15 - 0.225 lb.) (0.13 - 0.19 lb. a.i.) rate for curative response to Basal Stem Anthracnose.		

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in dry 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, absorb with sand or other inert material and dispose of absorbent in accordance with the **PESTICIDE DISPOSAL** instructions listed below.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable Outer Bag: Do not reuse or refill the outer bag. Completely empty bag into application equipment. Offer bag for recycling if available. If recycling is not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Plastic Containers (Capacity Equal to or Less Than 50 Pounds): Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

(continued)

STORAGE AND DISPOSAL *(continued)*

CONTAINER HANDLING: *(continued)*

Nonrefillable Plastic Containers (Capacity Greater Than 50 Pounds): Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. **DO NOT** burn, unless allowed by State and local ordinances. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Nonrefillable Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom, and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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Sharda USA LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Sharda USA LLC.

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THIOPHANATE-METHYL GROUP 1 FUNGICIDE

OPEN HERE

Thick WDG Fungicide

ACTIVE INGREDIENT:

Thiophanate-Methyl:

(dimethyl[(1,2-phenylene)-bis(iminocarbonothioyl)]bis[carbamate]) 85.0%

OTHER INGREDIENTS: 15.0%

TOTAL: 100.0%

Contains 0.85 lb. of thiophanate-methyl per 1 lb. of product.

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you **DO NOT** understand the label, find someone to explain it to you in detail.)

**See label booklet for complete First Aid, Precautionary Statements,
Directions For Use, and Storage and Disposal.**

Contains thiophanate-methyl, the active ingredient used in Topsin® and Cleary's 3336.

Thick WDG Fungicide is not manufactured or distributed by Cerexagri or Cleary.

Manufactured For:

Sharda USA LLC, 7217 Lancaster Pike, Suite A, Hockessin, Delaware 19707

EPA Reg. No. 83529-368

EPA Est. No. **GH** 70815-GA-002; **MA** 83411-MN-001; **TX** 07401-TX-001

The EPA Establishment Number is identified by the circled letters above
that match the first two letters in the batch number.

Net Contents: 1.2 lbs.