



CAUTION

300-001563 / 00189766

LESCO, Inc. • 1301 East 9th Street • Cleveland, OH 44114-1849

Notice: Read the entire label. Use only according to label directions. Before using this product, read **Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies** at end of label booklet. If terms are unacceptable, return at once unopened.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

Hazards to Humans and Domestic Animals

CAUTION

Do not breathe dust or spray mist

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing or loading

During aerial application, human flaggers must be in enclosed cabs. When handlers use enclosed cabs or aircraft in a manner that meet the requirements listed in the Worker Protection Standards (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

This pesticide is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or disposing of wastes.

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.

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
- Shoes plus socks

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.

Seed treatments and professional applications to golf courses, industrial (office park), and municipal lawns are not within the scope of the Worker Protection Standard.

- Keep unprotected persons out of treated area until sprays have dried.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Completely empty bag into application equipment. Then dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Steps to be taken in Case Material is Released or Spilled: Sweep or shovel into containers for disposal or reworking. Keep dusting to a minimum. Flush contaminated area with a large amount of water to a chemical or sanitary sewer containing a settling pit. Refer to Precautionary Statements.

LESCO Mancozeb DG Rainshield™ Turf and Ornamental Fungicide is a broad-spectrum protectant fungicide recommended for outdoor or greenhouse grown crops. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program. The addition of a surfactant will improve fungicide performance by providing a more uniform spray deposit, increased foliar redistribution, and improved fungicide retention during periods of wet weather.

- Carefully read, understand, and follow label use rates and restrictions.
- Under low disease conditions, minimum label rates per application can be used while maximum label rates and the minimum interval may be used for severe or threatening disease conditions.
- **For proper application, determine the number of sq ft to be treated, the recommended label use rate and the gallonage to be applied per 1000 square feet. Prepare only the amount of spray solution required to treat the measured area. Careful calibration of spray equipment is recommended prior to use.**
- When preparing small quantities, 1 level tablespoon per gallon is equivalent to a 1 lb per 1000 gallons of spray solution.

When using a hand sprayer, premix LESCO Mancozeb DG Turf and Ornamental Fungicide as a slurry in a small container before adding to the spray tank. Slowly pour the appropriate amount of LESCO Mancozeb DG Turf and Ornamental Fungicide into a small container containing an equal volume of water while mixing. Mix until the LESCO Mancozeb DG Turf and Ornamental Fungicide is thoroughly dispersed. Add additional water if necessary to make solution flowable. Add the solution to the spray tank. Fill the 1/2 fill sprayer, and fill the tank with remainder of water and mix well. Always add LESCO Mancozeb DG Turf and Ornamental Fungicide into solution prior to adding any additional materials to the tank.

LESCO Mancozeb DG Turf and Ornamental Fungicide is compatible with most commonly used fungicides, insecticides and growth regulators. When preparing tank mixes, user should consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use.

Place LESCO Mancozeb DG Turf and Ornamental Fungicide into suspension prior to adding an adjuvant to the spray mixture. Read and carefully observe the precautionary statements and all other information appearing on both product labels prior to spray preparation.

Hand Sprayers: Thoroughly spray plant foliage until runoff.

Aerial: A uniform initial spray deposit generally results in optimum disease control. Each aircraft should be prechecked for droplet size, uniformity of spray pattern, swath width, and spray volume. During aerial application, human flaggers are prohibited unless in totally enclosed vehicles.

Nozzle selection: Hollow cone brass nozzles with a D-series orifice disc and core (whirlplate) are recommended. Nozzles should point straight down or slightly backward.

Swath width: For most crops, swaths just beyond the wingspan of 36 to 40 feet for light aircraft and up to 45 feet for heavier aircraft are suggested. Optimum swath for helicopters is usually 5 to 10 feet beyond normal boom length.

Spray volume: Aerial applications are to be made in a minimum of two (2) gallons of water per acre. On most crops, 2 to 3 gallons of spray per acre are generally optimum. Some tall or dense foliage crops requiring greater penetration to the lower leaf surface will require higher spray volumes. **Do not use less than 5 gallons per acre in California.**

Altitude: For most crops, the spray boom should be positioned in 5 to 10 feet above the crop canopy.

Flagging: Swaths should be marked at the end of the field with permanent flags or by a flagman in totally enclosed vehicle. Swaths should be measured accurately with a chain or other device except when rows can be accurately counted.

Sprinkler Irrigation: LESCO Mancozeb DG Turf and Ornamental Fungicide must be applied on a regular protectant fungicide schedule, **not an irrigation schedule**. If irrigation cycles are less frequent than recommended application intervals for LESCO Mancozeb DG Turf and Ornamental Fungicide, ground or aerial applications must supplement chemigation applications to achieve adequate disease control.

- Apply LESCO Mancozeb DG Turf and Ornamental Fungicide only through sprinkler irrigation systems including center-pivot, lateral move, and tow, side (wheel) roll, traveler, solid set, or hand move irrigation systems. Do not apply product through any other type of irrigation system.
- Lack of fungicidal effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialist, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water system are in place.
- 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 should the need arise.

Before applying LESCO Mancozeb DG Turf and Ornamental Fungicide through sprinkler irrigation equipment, the chemigation system must meet the following specifications:

- Public water system means a system for the provision to the public 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.
- Chemigation systems connected to public water systems must contain a functional reduced-pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- Systems not connected to a public water supply must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located in the irrigation pipeline to prevent water source contamination from back flow.
- 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, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

- 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.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

Equipment (use only with electric or oil hydraulic drive systems that provide a uniform water distribution):

- Determine size of area to be treated.

- Determine the time required to apply no more than 1/4 inch water (6,750 gallons water per acre) over the area to be treated when the system and injection equipment are operated at normal pressures recommended by the equipment manufacturer. Run system at 80 to 95% of manufacturer's rated capacity.
- Using only water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of LESCO Mancozeb DG Turf and Ornamental Fungicide required for treatment area.
- Add the required amount of LESCO Mancozeb DG Turf and Ornamental Fungicide and sufficient water to meet the injection time requirements of the solution tank.
- Maintain constant solution tank agitation during the injection period.
- Stop injection equipment after treatment is completed. Continue to operate the system until LESCO Mancozeb DG Turf and Ornamental Fungicide solution has cleared the sprinkler head.

- Determine acreage covered by sprinkler.
- Fill injector solution tank with water and adjust flow rate to use contents over a 10 to 30-minute interval.
- Determine the amount of LESCO Mancozeb DG Turf and Ornamental Fungicide required for treatment area.
- Add the required amount of LESCO Mancozeb DG Turf and Ornamental Fungicide into the same quantity of water used to calibrate the injection equipment.
- Maintain constant solution tank agitation during the injection period.
- Operate system at normal pressures recommended by the manufacturer of the injection equipment and used for the time interval established during calibration.

Diseases Controlled	Rate of LESCO Mancozeb DG Turf and Ornamental Fungicide per Application (oz/1000 sq ft)	Remarks (Also Refer to Directions for Use)
Crop: Assorted grasses		
Helminthosporium melting-out Rust (leaf, stem, stripe)	4	
Copper spot Fusarium blight Red thread Slime mold	4 to 8	
Algae	6	
Dollar spot	6 to 8	
Rhizoctonia brown patch	4	Apply on a 7-day spray schedule.
Pythium blight	8	Apply at 5 day intervals, or more frequently, if conditions are especially favorable for disease development
Fusarium snow mold	6 to 8	Apply at 2- to 6-week intervals during winter.
Gray leaf spot	8	Apply on a 14-day spray schedule when conditions are favorable for disease development.
Restrictions: <ul style="list-style-type: none"> Do not graze treated areas. Do not use on grasses intended for grazing, such as range or pasture grasses. Do not feed clippings to livestock. Do not use on grasses grown for seed. 		

Ornamentals

Not intended for use on fruit trees by homeowners. Neither the manufacturer nor the seller has determined the effects of using LESCO Mancozeb DG Turf and Ornamental Fungicide on ornamentals not specified on this label.

Prior to any large-scale applications on such plants, the user should determine the effects of LESCO Mancozeb DG Turf and Ornamental Fungicide by testing a small section of the type of plants treated. User assumes all risk arising out of application to unlabeled plants. The Conditions of Sale and Warranty apply to all uses.

For outdoor or greenhouse use, apply the equivalent of 1.5 lb LESCO Mancozeb DG Turf and Ornamental Fungicide per 100 gallons of dilute spray (1.5 lb LESCO Mancozeb DG Turf and Ornamental Fungicide per acre).

Begin spraying when plants are well leafed out or at first sign of disease, in a full coverage spray at 7- to 10-day intervals throughout season or follow State Extension Service recommendations for disease control on the following ornamental plants.

Crop	Diseases Controlled	Remarks (Also Refer to Directions for Use)	Restrictions
African violet	Botrytis blight		Do not use for food or feed purposes (applies to all Ornamental uses).
Almond (Ornamental)	Leaf spot		
Alyssum	Leaf spot		
Anthurium	Anthracnose, spadix rot		
Apple (Ornamental)	Fabraea leaf spot Rust Scab		
Arborvitae	Cercospora blight		
Areca Palm	Leaf spot		
Ageratum	Botrytis blight Rust		
Ash, mountain	Entomosporium leaf spot Guignardia leaf blotch		
Ash, white	Anthracnose Cylindrosporium leaf spot		
Aster	Leaf spot		
Aster, perennial	Puccinia rusts		
Aucuba, japonica	Alternaria leaf spot Anthracnose		
Azalea	Cylindrocladium rot Petal blight Phytophthora twig and bud blight	Apply in a full coverage spray, 2 to 3 times a week, while flowers are opening. Direct spray into flowers and thoroughly spray ground under bushes.	
Bougainvillea	Leaf spot		
Begonia	Botrytis blight		
Boxwood	Leaf spot		
Buffaloberry	Cylindrosporium leaf spot		
Camellias	Petal blight	Refer to Azalea.	
Carnation	Rust Septoria leaf spot		
Cedar, red (Juniper)	Cercospora blight Phomopsis blight		
Chrysanthemum	Ascochyta blight Botrytis petal spot Rust	Apply twice weekly during blooming period.	
Cockscomb (Celosia)	Alternaria leaf spot		
Conifers (Christmas Trees)	Lophodermium needle cast Pine gall rust Scirrhia brown spot	Begin application in spring or early summer before infection occurs. Repeat after heavy rains and at two-week intervals as long as needed.	
Cordyline	Cercospora leaf spot		
Crabapple (Ornamental)	Cedar-apple rust Scab Sphaeropsis leaf spot		
Cypress, Arizona (Cupressus spp.)	Cercospora blight Monochaetia canker		Do not use fruit for food or feed purposes (applies to all Ornamental uses).
Dahlia	Botrytis blight		
Delphinium	Botrytis blight		
Dieffenbachia	Leptosphaeria brown spot		
Dogwood, flowering	Anthracnose Elsinoe leaf spot Septoria leaf spot	Apply when buds begin to open, when bracts have fallen, 4 weeks later and again in late summer after flower buds for next season have formed.	
Dracaena	Fusarium leaf spot		
Elm	Black leaf spot		
Euonymus	Anthracnose		
Fatsia	Anthracnose		
Fern	Rhizoctonia blight		
Ficus	Cercospora leaf spot		
Fig	Cylindrocladium leaf spot		
Firethorn (Pyracantha)	Fusicladium scab		
Fir, Douglas	Swiss needle cast		
Fir, Fraser	Swiss needle cast		
Fuchsia	Botrytis blight Rust		
Geranium	Rust		
Gladiolus	Botrytis blossom blight Curvularia leaf spot	Make regular weekly applications starting before diseases appear and increase to 2 or 3 applications per week during periods of heavy disease and during rainy weather. On flower spikes, reduce spray concentration to ¾ lb per 100 gallons.	
Gloxinia	Botrytis blight		
Gypsophila	Botrytis blight		

Crop	Diseases Controlled	Remarks (Also Refer to Directions for Use)	Restrictions
Hawthorn	Cedar-apple rust Fabraea leaf spot Frogeye leaf spot Hawthorn rust Scab		Do not use for food or feed purposes (applies to all Ornamental uses).
Hickory	Gnomonia leaf spot		
Holly	Purple spot		
Hollyhock	Anthracnose Cercospora leaf spot Puccinia rust		
Honeysuckle	Herpobasidium blight		
Horsechestnut, Buckeye	Alternaria leaf spot Guignardia leaf blotch		
Hydrangea	Botrytis blight Cercospora leaf spot		
Impatiens	Botrytis blight		
Iris	Didymellina leaf spot Mycosphaerella leaf spot Mystrosporium ink spot	(formerly Didymellina)	
Juniper	Phomopsis blight		
Larkspur	Rust		
Laurel, mountain	Cercospora leaf spot Petal blight	Refer to azalea.	
Ligustrum	Cercospora leaf spot		
Lily	Botrytis blight		
Magnolia	Gloeosporium leaf spot		
Maple	Alternaria leaf spot Phyllosticta leaf spot		
Marigold	Botrytis blossom blight	Do not use on French dwarf double or Signet type marigold seedlings.	
Narcissus	Botrytis blight (fire) Smoulder		Do not use for food or feed purposes (applies to all Ornamental uses).
Oak	Actinopelte leaf spot Taphrina leaf blister		
Orchid (Dendrobium)	Botrytis blossom blight		
Oxalis	Rust		
Pansy	Anthracnose		
Pears (Ornamental)	Fabraea leaf spot Rust Scab		
Peony	Botrytis blossom blight Phytophthora blight	Apply in early spring and early fall, drenching soil around plants as well as the foliage. Promptly destroy all infected plant parts.	
Peperomia	Cercospora leaf spot		
Petunia	Botrytis blight		
Philodendron	Dactylaria leaf spot Phytophthora leaf spot		
Phlox	Leaf spot		
Photinia	Entomosporium leaf spot		
Pine, Australia	Cyclaneusma needle cast		
Pine, Scotch	Cyclaneusma needle cast Gall rust		
Pittosporum	Alternaria leaf spot		
Pleomele	Fusarium leaf spot		
Poinsettia	Sphaceloma scab		
Poplar	Rust		
Primrose	Botrytis blight		
Protea	Botrytis blight		
Quince (Ornamental)	Fabraea leaf spot Rust Scab		
Rhododendron	Cercospora leaf spot Discosia leaf spot Petal blight	Refer to azalea.	
Rose	Black spot Cercospora leaf spot Rust		
Rosemary	Rhizoctonia Aerial blight		
Schefflera	Alternaria blight		
Scotts Pine	Needle cast		
Skunkbush, sumac	Cylindrosporium leaf spot		
Snapdragon	Rust		
Spathiphyllum	Myrothecium leaf spot		
Statice	Cercospora frogeye		
Strawflower	Rust		
Syngonium	Cephalosporium leaf spot		
Thorn Apple	Rust		
Tulip	Botrytis blight (fire)		
Venus, flytrap	Anthracnose		
Viburnum	Downy mildew Ramularia leaf spot		
Walnut	Anthracnose		Do not use treated walnuts for food or feed purposes.
Zinnia	Alternaria leaf blight		

ATTENTION: This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.

Terms and Conditions of Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of the Seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- Refund of purchase price paid by buyer or user for product bought, or
- Replacement of amount of product used

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Seller or the Seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

NOTES

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