

MAR 26 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended
EPA Reg. No. 264-481

CHIPCO® 26019 brand Fungicide

A Fungicide For The Prevention And Control Of Certain Diseases Of Turfgrass And Ornamentals.

ACTIVE INGREDIENT

Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide50.0%

INERT INGREDIENT:50.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA Reg. No. 264-481

EPA Est. No.

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-334-9745

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water.

Get medical attention if irritation persists.

STATEMENT OF PRACTICAL TREATMENT

IN CASE OF CONTACT: Wash skin with soap and water.

FOR EYES: Flush with water for 15 minutes and get medical attention.

ENVIRONMENTAL HAZARDS

Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning or equipment or disposal of wastes.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including center pivot and solid set. Do not apply this product through any other type of irrigation system.

SPRAY PREPARATION: Remove scale, pesticide residues, and other foreign matter from the chemical tank and entire injector system. Flush with clean water.

APPLICATION INSTRUCTIONS: First prepare a suspension of CHIPCO® 26019 brand Fungicide in a mix tank. Fill tank with 1/2 to 3/4 the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of CHIPCO® 26019 brand Fungicide, and then the remaining volume of water. (Suspension concentrations using the appropriate dosage per acre recommended on this label of CHIPCO® 26019 brand Fungicide per 1 to 4 gallons of water are recommended) Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of CHIPCO® 26019 brand Fungicide into the irrigation water line so as to deliver the desired rate per acre. The suspension of CHIPCO® 26019 brand Fungicide should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. If you should have any other questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

NOTE: When treatment with CHIPCO® 26019 brand Fungicide has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours to prevent washing the chemical off the crop.

GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

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

Greater accuracy in calibration and distribution will be achieved by injecting a larger volume of a more dilute solution per unit time.

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

Do not apply when wind speed favors drift, when system connection or fittings leak, when nozzles do not provide uniform distribution or when lines containing the product must be dismantled and drained.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water.

Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

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Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

GENERAL INFORMATION

TURF

In order to assure maximum crop tolerance and disease control, follow recommendations on this label and all the precautions and limitations of the package label.

CHIPCO® 26019 is a foliar applied fungicide, recommended for turfgrass disease control on golf courses, sod farms, home lawns, and institutional areas where fine turf is grown.

When used in conjunction with good turf management practices,

CHIPCO® 26019 brand Fungicide is effective in controlling the following diseases:

Spring, Summer And Fall Disease

Dollar Spot, Brown Patch, Fusarium Blight, and Necrotic Ring Spot on all common turfgrasses. Helminthosporium Leaf Spot, Corticum Red Thread and Melting Out is controlled on Bluegrass, Bentgrass, and Bermudagrass.

Winter Diseases: Fusarium Patch (Pink snow mold) and Gray Snow Mold

Apply the recommended rates as indicated in the table in 2 to 10 gallons of water per 1000 square feet. Do not drench. Do not allow the spray mixture to stand for longer than 12 hours as some breakdown of the product may occur. Maintain agitation during spray operations. Apply with a properly calibrated sprayer.

**TURF
RECOMMENDATIONS FOR USE**

Begin applications when conditions favor disease development or when the disease first appears unless otherwise noted.

DISEASE	INTERVAL OF APPLICATIONS	RATE OZ. PRODUCT/ 1000 FT ²
Dollar Spot (Lanzia spp. and Moellerodiscus spp.) Brown Patch (Rhizoctonia solani) Helminthosporium: Leaf Spot and Melting Out (Drechslera spp.)	Greens and Tees: Repeat at 14 to 21 day intervals as long as required. Fairways and Other Turf Areas: Repeat at 22 to 28 day intervals as long as required.	1.5 to 2.0 NOTE: On Fairways, for Dollar Spot control, use 1 oz./1000 ft ²
Fusarium Blight (Fusarium spp.) Necrotic Ring Spot (Leptosphaeria korrae)	Use only preventative foliar applications when conditions first become favorable for disease development. Two additional applications should be made at 2 to 3 week intervals.	4.0
Fusarium Patch (Microdochium nivale) Pacific Northwest Only (West of the Cascade Mountains)	Repeat at 14 to 21 day intervals as long as required.	2.0 to 4.0
Gray Snow Mold (Typhula spp.) Pink Snow Mold (Microdochium nivale)	One application before first permanent snow cover. If possible, another application during a mid-winter thaw.	2.0 to 4.0
Corticium Red Thread (Laetisaria fuciformis)	Use as a preventative every 14 days as long as required.	2.0

Under severe conditions, the higher rate and/or shorter interval of applications are recommended for all diseases. Do not mow or irrigate treated areas until the foliage is completely dry, usually a 24 hour waiting period following treatment is preferred. Do not mix with any sticker, extender, or wetting agent. Do not graze animals on treated turf. Do not feed clippings from treated turf to livestock or poultry.

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TANK MIXTURES

Additional Disease Control: If turf is threatened by additional diseases, CHIPCO® 26019 brand Fungicide is compatible with most commonly used fungicides. Pythium blight can be controlled by the tank-mixing of CHIPCO® ALIETTE® brand Fungicide with CHIPCO® 26019 brand Fungicide. If a tank mixture is used, follow label directions for the use of that product and apply at the rate recommended for control of the target disease organism.

ORNAMENTALS

FIELD, LANDSCAPE AND GREENHOUSE ORNAMENTALS

CHIPCO® 26019 brand Fungicide is a broad spectrum fungicide that may be applied safely to a wide range of ornamental flowering and foliage plants, either as a foliar spray, drench or dip. Please read specific instructions and use only as directed.

RECOMMENDED FOR USE BY COMMERCIAL NURSERY AND LANDSCAPE PERSONNEL.

CHIPCO® 26019 brand Fungicide is recommended for use on a wide variety of container and field grown flowering and foliage ornamentals as follows:

DISEASES

1. Aerial Web Blight	(Rhizoctonia sp.)
2. Alternaria Leaf Blight	(Alternaria euphorbiae)
3. Alternaria Leaf Spot	(Alternaria panax, Alternaria tenuissima)
4. Botrytis Blight	(Botrytis sp.)
5. Fusarium Leaf Spot	(Fusarium moniliforme)
6. Helminthosporium Leaf Spot	(Helminthosporium sp.)
7. Rhizoctonia stem and root rot	(Rhizoctonia sp.)
8. Ink Spot	(Drechslera iridis)
9. Tulip Fire	(Botrytis tulipae)
10. Alternaria Leaf Blight	(Alternaria zinniae)
11. Ray Blight	(Ascochyta chrysanthami)
12. Cylindrocladium root rot	(Cylindrocladium spathiphyllum)
13. Fusarium Corm rot	(Fusarium oxysporum)
14. Daffodil Leaf Scorch	(Stagnospora curtissi)

ORNAMENTALS

Numbers in parenthesis refer to diseases controlled (see above for disease number)

Ageratum (1 to 7)	Dizygotheca (1 to 7)	Peach (ornamental) (1 to 7)
Ajuga (1 to 7)	Dogwood (1 to 7)	Peperomia (1 to 7)
Almond (ornamental) (1 to 7)	Dracena (1 to 7)	Periwinkle (1 to 7)
Alyssum (1 to 7)	English Ivy (1 to 7)	Philodendron (1 to 7)
Andromeda (1 to 7)	Episcia (1 to 7)	Phlox (1 to 7)
Aphelandra (1 to 7)	Euonymus (1 to 7)	Pilea (1 to 7)
Artemisia (1 to 7)	Ficus (1 to 7)	Pine (1 to 7)
Aster (1 to 7)	Forsythia (1 to 7)	Rhizoctonia (1 to 7)
Azalea (1 to 7)	Gazonia (1 to 7)	Plum (ornamental) (1 to 7)
Boxwood (1 to 7)	Geranium (1 to 7)	Poinsettia (1 to 7)
Cactus (1 to 7)	Gladiolus (1 to 7, 13)	Poppy (1 to 7)
Calendula (1 to 7)	Gloxinia (1 to 7)	Pothos* (1 to 6)
Carnation (1 to 7)	Gypsophila (1 to 7)	Primrose (1 to 7)
Cherry (ornamental) (1 to 7)	Hawthorn (1 to 7)	Privet (1 to 7)
Chrysanthemum (1 to 7, 11)	Holly (1 to 7)	Protea (1 to 7)
Cineraria (1 to 7)	Hoya (1 to 7)	Pyracantha (1 to 7)
Coleus (1 to 7)	Hydrangea (1 to 7)	Rhododendron (1 to 7)
Columbine (1 to 7)	Impatiens* (1 to 7)	Rose Tree of China (1 to 7)
Coral Bells (Heuchera) (1 to 7)	Iris (1 to 8)	Rose (1 to 7)
Crape Myrtle (1 to 7)	Juniper (1 to 7)	Salvia (1 to 7)
Crossula (1 to 7)	Kalanchoe (1 to 7)	Schefflera (1 to 7)
Croton (1 to 7)	Lilies (1 to 7)	Snapdragon (1 to 7)
Cyclamen (1 to 7)	Lipstick vine (1 to 7)	Spathiphyllum (1 to 7, 12)
Daffodils (1 to 7, 14)	(Aeschyranthus)	Statice (1 to 7)
Dahlia (1 to 7)	Marigold (1 to 7)	Tree Ivy (1 to 7)
Delphinium (1 to 7)	Monarda (Bee Balm) (1 to 7)	Tulip (1 to 7, 9)
Deutzia (1 to 7)	Pachysandra (1 to 7)	Viburnum (1 to 7)
Dianthus (1 to 7)	Palm (1 to 7)	Violet (1 to 7)
Dieffenbachia (1 to 7)	Pansy (1 to 7)	Zinnia (1 to 7, 10)

*NOTE: Do not use CHIPCO® 26019 brand Fungicide as a soil drench on Impatiens and Pothos.

PLANT TOLERANCE

Plant tolerances to CHIPCO® 26019 brand Fungicide have been found to be acceptable in the specific genera and species listed on this label. It is not possible to evaluate every species or variety of ornamental plant for its tolerance to CHIPCO® 26019 brand Fungicide. The user should test for possible phytotoxic responses in other plants on a small area basis using recommended rates prior to commercial use.

HOW TO USE CHIPCO® 26019 BRAND FUNGICIDE AS A FOLIAR SPRAY

Apply CHIPCO® 26019 brand Fungicide as a foliar spray to run-off, at the following rates and intervals, when conditions become favorable for disease development.

DISEASE	POUNDS PRODUCT/ACRE	POUNDS PRODUCT/100 GALS.	INTERVAL OF APPLICATION
Aerial Web Blight (<i>Rhizoctonia</i> sp.)	1.0 to 2.0	1.0 to 2.0	7 to 14 Days
Alternaria Leaf Blight (<i>Alternaria zinniae</i>)			
Alternaria Leaf Blight (<i>Alternaria euphorbiae</i>)			
Alternaria Leaf Spot (<i>Alternaria panax</i>) (<i>Alternaria tenissima</i>)			
Botrytis Blight (<i>Botrytis</i> sp.)			
Fusarium Leaf Spot (<i>Fusarium moniliforme</i>)			
Helminthosporium Leaf Spot (<i>Helminthosporium</i> sp.)			
Ink Spot (<i>Drechslera iridis</i>)			
Ray Blight (<i>Ascochyta chrysanthami</i>)			
Tulip Fire (<i>Botrytis tulipae</i>)			

Under severe disease pressure, use the highest recommended rate and/or the shortest spray interval. NOTE: A resin based surfactant should be added to foliar sprays for use on iris, lillies, and tulips.

HOW TO USE CHIPCO® 26019 BRAND FUNGICIDE AS A DRENCH

Apply CHIPCO® 26019 brand Fungicide as a drench at seeding and/or after transplanting for *Rhizoctonia* and *Cylindrocladium* control at the following rates and intervals:

DISEASE	PRODUCT/100 GALS.	INTERVAL OF APPLICATION
Rhizoctonia Stem and Root Rot (<i>Rhizoctonia</i> spp.)	6 1/2 ounces Apply 1 to 2 pints of solution per square foot.	14 Days
Cylindrocladium Root Rot (<i>Cylindrocladium spathiphyllum</i>)	1.0 pounds Apply 1 to 2 pints of solution per square foot.	7 Days

NOTE: Do not use CHIPCO® 26019 brand Fungicide as a drench on impatiens and pothos. Only use CHIPCO® 26019 brand Fungicide for *Cylindrocladium* Root Rot control on *Spathiphyllum*.

HOW TO USE CHIPCO® 26019 BRAND FUNGICIDE AS A DIP

Apply CHIPCO® 26019 brand Fungicide as a corm dip for *Fusarium* corm rot control in *Gladiolus*, at the following rate:

DISEASE	POUNDS PRODUCT/100 GALS.
Fusarium Corm Rot (<i>Fusarium oxysporum</i>)	2.0

STORAGE AND DISPOSAL

STORAGE

Do not contaminate water, food, or feed by storage or disposal.

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 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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warning and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND

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THIS SPECIMEN LABEL IS INTENDED FOR USE ONLY AS A GUIDE IN PROVIDING GENERAL INFORMATION REGARDING THE DIRECTIONS, WARNINGS AND CAUTIONS ASSOCIATED WITH THE USE OF THIS PRODUCT. AS WITH ANY AGRICULTURAL CHEMICAL, ALWAYS FOLLOW THE LABEL INSTRUCTIONS ON THE PACKAGE BEFORE USING.

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