



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**  
LICENSE NO. **9346.335**  
**Disc.**



Bayer Environmental Science

# CHIPCO® 26019 N/G Fungicide

**A Fungicide for the Prevention and Control of Certain Diseases of Ornamentals**

**ACTIVE INGREDIENT:**

Iprodione: 3-(3,5-dichlorophenyl)-N-(1-methylethyl)-2,4-dioxo-1-imidazolidinecarboxamide) ..... **50.0%**

**INERT INGREDIENTS:**..... **50.0%**

**Total**..... **100.0%**

**EPA Reg. No. 432-889**

**EPA Est. No.**

## KEEP OUT OF REACH OF CHILDREN CAUTION

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

For PRODUCT USE Information Call 1-800-334-9745

### FIRST AID

If on skin or clothing:	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If inhaled:	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

## PRECAUTIONARY STATEMENTS

### CAUTION

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through skin or inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on any EPA chemical-resistant category selection chart.

Mixers, loaders, others exposed to the concentrate, cleaners/repairers of equipment, and applicators applying as a dip treatment must wear coveralls over long-sleeve shirt and long pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant apron, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

Applicators using handheld equipment must wear coveralls over long-sleeve shirt and long pants, chemical-resistant gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposures, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

Applicators using mechanical ground equipment (groundboom, airblast, etc.) must wear long-sleeve shirt and long pants, and shoes plus socks.

Applicators using truck-mounted equipment with a handgun at the end of a hose (i.e., for ornamental applications) and all other handlers not specified above must wear long-sleeve shirt and long pants, chemical-resistant gloves, and shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing or other materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

## ENGINEERING CONTROLS

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (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.

### User Safety Recommendations

Users should:

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

This chemical can contaminate surface water through ground spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

This pesticide is toxic to invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

## DIRECTIONS FOR USE

**It is a violation of federal law to use this product in a manner inconsistent with its labeling.  
Read entire label before using this product.**

Do not apply this product in a way that will contact workers or other persons, either directly or indirectly 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 only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval of 12 hours for ornamental uses.

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, chemical-resistant gloves, and shoes plus socks.

## NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to ornamental and turf uses (golf courses, landscape and institutional areas) 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 the treated area until sprays have dried.

## PESTICIDE 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 outer bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

If this product is packaged in a returnable-refillable container, after use, return the container to the point of purchase or designated locations. This container must only be refilled with Chipco 26019 N/G fungicide. **DO NOT REUSE, THE CONTAINER FOR ANY OTHER PURPOSE.** Prior to refilling, inspect thoroughly for damage such as cracks, punctures, abrasions and damaged or worn out threads on closure devices. Do not refill or transport damaged or leaking containers. Check for leaks after refilling and before transportation. For information on cleanup of spills, contact Bayer Environmental Science at 1-800-334-7577. If the container is not being refilled, return it to the point of purchase.

## GENERAL INSTRUCTIONS AND INFORMATION

### DIRECTIONS FOR USE THROUGH SPRINKLER IRRIGATION SYSTEMS

Do not use through irrigation systems in California.

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 N/G 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 N/G Fungicide, and then the remaining volume of water. (Suspension concentrations using the appropriate dosage per acre recommended on this label of CHIPCO® 26019 N/G 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 N/G Fungicide into the irrigation water line so as to deliver the desired rate per acre. The suspension of CHIPCO® 26019 N/G 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 N/G 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, 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.

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

### TANK MIXTURES FOR ADDITIONAL DISEASE CONTROL

No label dosage rates should be exceeded. Do not mix CHIPCO 26019 N/G Fungicide with any product labeled against such mixing. CHIPCO® 26019 N/G Fungicide is compatible with most commonly used fungicides. Follow label directions for the companion product and apply at the rate recommended for control of the target disease organism.

Do not exceed a total of 17.6 ounces CHIPCO 26019 N/G Fungicide product/1000 ft<sup>2</sup> per year.

Do not make more than 6 applications per year.

### GENERAL PRECAUTIONS AND RESTRICTIONS

Use of this product at residential sites is prohibited. Do not use this product for aerial applications.

If applying this product adjacent to a water body such as a lake, reservoir, river, permanent stream, marsh or natural pond, estuary, or commercial fish pond, there must be at least a 25-foot vegetative buffer strip between the water body and the point of application.

Do not apply this product when the wind direction is toward aquatic areas.

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## ORNAMENTALS

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### NOT FOR RESIDENTIAL USE

#### FIELD, LANDSCAPE AND GREENHOUSE ORNAMENTALS AND CONIFER NURSERIES\*

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

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### DISEASES

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1. Aerial Web Blight	<i>(Rhizoctonia sp.)</i>
2. Alternaria Leaf Blight	<i>(Alternaria euphorbiae)</i>
3. Alternaria Leaf Spot	<i>(Alternaria panax, Alternaria tenuissima)</i>
4. Botrytis Blight	<i>(Botrytis sp.)</i>
5. Fusarium Leaf Spot	<i>(Fusarium moniliforme)</i>
6. Helminthosporium Leaf Spot	<i>(Helminthosporium sp.)</i>
7. Rhizoctonia stem and root rot	<i>(Rhizoctonia sp.)</i>
8. Ink Spot	<i>(Drechslera iridis)</i>
9. Tulip Fire	<i>(Botrytis tulipae)</i>
10. Alternaria Leaf Blight	<i>(Alternaria zinniae)</i>
11. Ray Blight	<i>(Ascochyta chrysanthami)</i>
12. Fusarium Corm rot	<i>(Fusarium oxysporum)</i>
13. Daffodil Leaf Scorch*	<i>(Stagnospora curtissi)</i>
14. Blossom Blight*	<i>(Monilinia fructicola)</i>
15. Botrytis Storage Rot*	<i>(Botrytis sp.)</i>
16. Cylindrocladium Blight and Wilt*	<i>(Cylindrocladium scoparium)</i>

\*Not registered for use in California

**PLANT TOLERANCE:** Plant tolerances to CHIPCO® 26019 N/G 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 N/G Fungicide. The user should test for possible phytotoxic responses in other plants on a small area basis using recommended rates prior to commercial use.

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**ORNAMENTALS**

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Ageratum (1 to 7)	Dieffenbachia (1 to 7)	Peach (ornamental) (1 to 7)
Ajuga (1 to 7)	Dizygotheca (1 to 7)	Peperomina (1 to 7)
Almond (ornamental) (1 to 7)	Dogwood (1 to 7)	Periwinkle (1 to 7)
Alyssum (1 to 7)	Dracena (1 to 7)	Philodendron (1 to 7)
Andromeda (1 to 7)	English Ivy (1 to 7)	Phlox (1 to 7)
Aphelandra (1 to 7)	Episcia (1 to 7)	Pilea (1 to 7)
Artemisia (1 to 7)	Euonymous (1 to 7)	Pine (1 to 7)
Aster (1 to 7)	Ficus (1 to 7)	Pitosporum (1 to 7)
Azalea (1 to 7, 16)	Forsythis (1 to 7)	Plum (ornamental) (1 to 7, 14)
Boxwood (1 to 7)	Gazania (1 to 7)	Poinsettia (1 to 7)
Cactus (1 to 7)	Geranium (1 to 7)	Poppy (1 to 7)
Calendula (1 to 7)	Gladiolus (1 to 7, 12)	Pothos* (1 to 6)
Carnation (1 to 7)	Gloxinia (1 to 7)	Primrose (1 to 7)
Cherry (ornamental) (1 to 7)	Gypsophila (1 to 7)	Privet (1 to 7)
Chrysanthemum (1 to 7, 11)	Hawthorn (1 to 7)	Protea (1 to 7)
Cineraria (1 to 7)	Holly (1 to 7)	Pyracantha (1 to 7)
Cistena Plum (1 to 7, 14)**	Hoya (1 to 7)	Rhododendron (1 to 7, 16)
Coleus (1 to 7)	Hydrangea (1 to 7)	Rose Tree of China (1 to 7)
Columbine (1 to 7)	Impatiens* (1 to 7)	Rose (1 to 7, 15)
Coral Bells (Heuchera) (1 to 7)	Iris (1 to 8)	Salvia (1 to 7)
Crape Myrtle (1 to 7)	Juniper (1 to 7)	Schefflera (1 to 7)
Crassula (1 to 7)	Kalanchoe (1 to 7)	Snapdragon (1 to 7)
Croton (1 to 7)	Lilies (1 to 7)	Statice (1 to 7)
Cyclamen (1 to 7)	Lipstick vine (1 to 7) (Aeschynanthus)	Tree Ivy (1 to 7)
Daffodils (1 to 7, 13)**	Marigold (1 to 7)	Tulip( 1 to 7, 9)
Dahlia (1 to 7)	Monarda (Bee Balm) (1 to 7)	Viburnum (1 to 7)
Delphinium (1 to 7)	Pachysandra (1 to 7)	Violet (1 to 7)
Deutzia (1 to 7)	Palm (1 to 7)	Zinnia (1 to 7, 10)
Dianthus (1 to 7)	Pansy (1 to 7)	

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**\*NOTE:** Do not use CHIPCO® 26019 N/G Fungicide as a soil drench on Impatiens or Pothos .  
Do not use CHIPCO® 26019 N/G Fungicide on Spathiphyllum.

**\*\*Not registered for use in California**

## HOW TO USE CHIPCO® 26019 N/G FUNGICIDE AS A FOLIAR SPRAY

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

DISEASE	POUNDS PRODUCT/100 GALLONS	INTERVAL OF APPLICATION	USE DIRECTIONS
<b>Aerial Web Blight</b> <i>(Rhizoctonia sp.)</i> <b>Alternaria Leaf Blight</b> <i>(Alternaria zinniae)</i> <b>Alternaria Leaf Blight</b> <i>(Alternaria euphorbiae)</i> <b>Alternaria Leaf Spot</b> <i>(Alternaria panax)</i> <i>(Alternaria tenissima)</i> <b>Botrytis Blight</b> <i>(Botrytis sp.)</i> <b>Fusarium Leaf Spot</b> <i>(Fusarium moniliforme)</i> <b>Helminthosporium Leaf Spot</b> <i>(Helminthosporium sp.)</i> <b>Ink Spot</b> <i>(Drechslera iridis)</i> <b>Ray Blight</b> <i>(Ascochyta chrysanthami)</i> <b>Tulip Fire</b> <i>(Botrytis tulipae)</i> <b>Daffodil Leaf Scorch*</b> <i>(Stagnosporo curtissi)</i> <b>Blossom Blight*</b> <i>(Monilinia fructicola)</i>	1.0 to 2.0	7 to 14 days	Spray plants to insure thorough coverage.

Do not apply more than 2.5 pounds product/acre per application.

Do not make more than 4 applications per year.

Under severe disease pressure, use the highest recommended rate and/or the shortest spray interval. When disease pressure is light to moderate, the lower rates and longer intervals are recommended.

**NOTE:** A resin based surfactant should be added to foliar sprays for use on iris, lillies, and tulips.

\*Not registered for use in California

## HOW TO USE CHIPCO® 26019 N/G FUNGICIDE AS A DRENCH

Apply CHIPCO® 26019 N/G Fungicide as a drench at seeding and/or after transplanting for Rhizoctonia control at the following rates and interval:

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

Do not exceed a total of 17.6 oz. product/1000 ft<sup>2</sup> per year.

Do not make more than 6 applications per year.

Under severe disease pressure, use the highest recommended rate. When disease pressure is light to moderate, the lower rate is recommended.

**NOTE:** Do not use CHIPCO® 26019 N/G Fungicide as a drench on Impatiens or Pothos.  
Do not use CHIPCO® 26019 N/G Fungicide on Spathiphyllum.

## HOW TO USE CHIPCO® 26019 N/G FUNGICIDE AS A DIP

PLANT SPECIES	DISEASE	POUNDS PRODUCT PER 100 GALLONS	DIP DURATION	DIRECTIONS
Rose	Botrytis Storage Rot ( <i>Botrytis sp.</i> )	1.0	5 Minutes	Dip bare root roses prior to cold storage.
Azalea and Rhodendron	Cylindrocladium Blight and Wilt* ( <i>Cylindrocladium scoparium</i> )	1.0	5 Minutes	Dip cuttings prior to planting.
Gladiolus	Fusarium Corm Rot ( <i>Fusarium oxysporum</i> )	2.0	5 Minutes	Dip corms prior to storage.

\*Not registered for use in California

## IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond Bayer Environmental Science's control, it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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Bayer Environmental Science

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