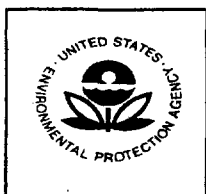


66330-311

09/18/2008

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U.S. ENVIRONMENTAL  
PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505P)  
Ariel Rios Building  
1200 Pennsylvania Ave., NW  
Washington, D.C. 20460

EPA Registration  
Number:

66330-311

Date of Issuance:

SEP 18 2008

## NOTICE OF PESTICIDE:

☐ Registration  
☒ Reregistration  
(under FIFRA, as amended)

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
Iprodione/Thiophanate Methyl Combo

## Name and Address of Registrant (include ZIP Code):

Bill Washburn, Regulatory Manager  
Arysta Lifescience North America, LLC  
530 Oak Court Drive, Suite 100  
Memphis, TN 38117

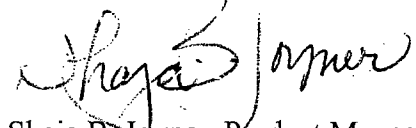
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Decision for Thiophanate Methyl, EPA has reregistered the product listed above provided you make the changes on the following page. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Continued on Page 2

Signature of Approving Official:

  
Shaja B. Jeyner, Product Manager Team 20  
Fungicide Branch  
Registration Division (7505P)

Date:

9/18/08

*Note: You may delete the text "Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas." from the Agricultural Use Requirements box on page 4.*

**Page 2 - Personal Protective Equipment (PPE)**

Remove the asterisks following "chemical-resistant gloves."

Also for the "User Safety Requirements" Heading, please bold text.

**Page 9 - Turf Restrictions**

Change "Do not graze treated areas. Do not feed clippings to livestock." to "Do not graze treated areas. Do not feed clippings to livestock." Do not graze animals on treated turf. Do not feed clippings to livestock or poultry."

**Page 11 - Storage and Disposal**

In the "Pesticide Disposal" section change "Environmental Control Agencyy" to "Environmental Control Agency."

A copy of your label stamped "Accepted with comments" is enclosed for your records. If you have any questions, contact Lisa Jones of my team at (703) 308-9424 or at [jones.lisa@epa.gov](mailto:jones.lisa@epa.gov).

Sincerely,

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7505P)

Enclosures: 6 September 2007 Preliminary Label Assessment  
23 February 2006 Product Chemistry Review  
10 January 2006 Acute Toxicity Review  
Stamped copy of label

sent on November 2007

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## IPRODIONE/THIOPHANATE METHYL COMBO

Fungicide to prevent and control diseases on greenhouse, container and field grown ornamental plants. Prevents and controls turf diseases on tees, greens, fairways and similar turf areas.

**Not for homeowner use. For use by certified applicators or those under their immediate supervision.**

### ACTIVE INGREDIENTS:

Thiophanate-methyl: (dimethyl 4,4'-o-phenylenebis [3-thioallophanate])*	19.65%
Iprodione: 3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioxo-l-imidazolidinecarboxamide**	19.65%
OTHER INGREDIENTS:	60.70%
TOTAL:	100.00%

\*Equivalent to 1.87 pounds Thiophanate-methyl per gallon.

\*\*Equivalent to 1.87 pounds Iprodione per gallon.

**KEEP OUT OF THE REACH OF CHILDREN**

### CAUTION

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye</li><li>Call a poison control center or doctor for treatment advice</li></ul>
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 SWALLOWED:	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice</li><li>Have person sip a glass of water if able to swallow</li><li>Do not induce vomiting unless told to do so by the poison control center or doctor</li><li>Do not give anything by mouth to an unconscious person</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>
<b>Hot Line Number</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:</b> Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S.	
<b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.	

See Additional Precautions and Use Directions Inside

EPA Reg. No. 66330-311  
EPA Est. No. 51036-GA-001  
AD xxxxxx

Manufactured for:  
Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

NET CONTENTS: \_\_\_\_\_ gallons

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated

**SEP 18 2008**

Filename: Iprodione Thiophanate Methyl Combo (311-091708)RED Clean.doc  
066330-00311.20080917.RED Clean.pdf

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

66330-311

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart. Materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mils, polyvinyl chloride (PVC)  $\geq 14$  mils, and viton  $\geq 14$  mils

Mixers, loaders, others exposed to the concentrate, cleaners/repairers of equipment, and applicators applying as a seed soak, seed treatment, or dip treatment must wear:

- long-sleeve shirt and long pants
- chemical-resistant gloves\*
- chemical-resistant apron, and
- chemical-resistant footwear plus socks

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)

Applicators using aircraft or mechanical ground equipment (groundboom, airblast, etc.), and flaggers for aerial applications 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 commercial turfgrass or ornamental applications) and all other handlers not specified above must wear:

- long-sleeve shirt and long pants
- chemical-resistant gloves
- shoes plus socks

### USER SAFETY REQUIREMENTS

Follow the manufacturer's instructions for cleaning/maintaining **PPE**. If no such instructions for washables exist, use detergent and hot water. Keep and wash **PPE** separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**Engineering Controls:** When handlers use 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:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing/**PPE** immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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 waters through aerial and ground 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 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 from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

**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.

Do not apply with fixed wing or rotary aircraft.

Not for use on residential turf, ornamentals or vegetable/small fruit gardens.

Not for use on turf being grown for sale or other commercial use as sod.

Do not use fruit, nuts or sap from treated trees as food or feed.

Do not apply aerially or through chemigation equipment to any food crop.

### 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.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours for ornamental uses and 24 hours for use on turf.

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, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for over head exposure

### 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 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 allow people (other than the applicator) or pets on the treatment area during application.

Do not enter or allow others to enter the treated area until sprays have dried.

### CHEMIGATION GENERAL INSTRUCTIONS

(For Non-Turf uses only)

#### INTRODUCTION

Pesticide labels contain directions for use which are necessary for effecting the purpose for which the product is intended and to protect health and the environment. The following information is intended to decrease environmental risks of pesticide contamination of ground water and will decrease direct human exposure to pesticide-treated irrigation water by providing appropriate directions for use.

Apply this product only through pressurized drench (flood), sprinkler (overhead), or drip (trickle) irrigation system. Do not apply this product 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, you should contact State Extension Service specialists, 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 systems 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.

### **REQUIREMENTS FOR CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS**

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, back flow preventer (RPZ) 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 flow 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.

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.

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.

### **CHEMIGATION SYSTEM REQUIREMENTS**

Systems utilizing a pressurized water and pesticide 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 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 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.

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

### **GENERAL INFORMATION**

Pesticide supply tanks are recommended for the application of these products. See label instructions for dilution rates and timing of application. For emulsifiable concentrates, agitate prior to use.

Since the material is used in an injection proportioner the pesticide is to be applied continuously for the duration of the water application.

### **SPRAY PREPARATION**

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

Prepare a suspension of IPRODIONE/THIOPHANATE METHYL COMBO in a mix tank. Fill the tank with  $\frac{1}{2}$  or  $\frac{3}{4}$  the desired amount of water. Start mechanical or hydraulic agitation. Slowly add the amount of recommended IPRODIONE/THIOPHANATE METHYL COMBO and then the remaining volume of water.

### **GENERAL CHEMIGATION PRECAUTIONS**

Do not apply in greenhouses when temperatures are in excess of 95°F.

Do not allow spray mixture to stand in the tank for longer than 12 hours.

Spray mixture must be agitated continuously during application.

Use a properly calibrated sprayer.

Except in cases of severe infestation, allow one week between applications of this and other control products. (This guideline can be relaxed where a severe insect or disease attack requires immediate treatment.)

For best results do not water treated areas within 24 hours of application.

Observe the handling of this product as noted in the Precautionary Section of the label.

Shake product container well before pouring in to spray tank.



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## INSTRUCTIONS FOR SPRINKLER (OVERHEAD) IRRIGATION

Observe the requirements in the System Requirements section.

Follow recommendations in the General Information and Spray Preparation sections.

Set the sprinkler system to deliver 0.1 to 0.25 inches of water per acre. Volumes of water higher than this may reduce efficacy. Start sprinkler and uniformly inject the suspension of IPRODIONE/THIOPHANATE METHYL COMBO into the irrigation water line so as to deliver the desired rate per acre. The suspension of IPRODIONE/THIOPHANATE METHYL COMBO should be injected with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing.

Maintain 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 larger volumes of a more dilute suspension per unit time.

Application of more than recommended 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 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 distributions 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.

IPRODIONE/THIOPHANATE METHYL COMBO may be applied in conjunction with chemically neutral liquid fertilizers. Application in conjunction with highly alkaline fertilizers, such as aqueous ammonia, may cause a degradation of the pesticide, resulting in reduced performance, should be avoided.

Check local restrictions and requirements regarding sprinkler irrigation application as they might vary from state to state.

**NOTE:** When treatment with IPRODIONE/THIOPHANATE METHYL COMBO has been completed, do not irrigate area for 24-48 hours to prevent washing the chemical off the crop.

## PRESSURIZED DRENCH (FLOOD) SYSTEM

Observe the requirements in the System Requirements section.

Follow recommendations in the General Information and Spray Preparation sections.

Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from back flow if water flow stops.

## DRIP (TRICKLE) CHEMIGATION

Observe the requirements in the System Requirements section.

Follow recommendations in the General Information and Spray Preparation sections.

## TURF APPLICATION

Prevents and controls the following diseases on the turf where they occur:

- Leaf spot/melting out (*Drechslera spp./Bipolaris spp.*)
- Dollar spot (including benzimidazole tolerant strains)
- Brown patch
- Pink snow mold (Washington, Oregon, California only)
- Anthracnose (on *Poa annua*)

## MIXING INSTRUCTIONS

Shake product container well before pouring into spray tank.

Mix IPRODIONE/THIOPHANATE METHYL COMBO into the spray tank during filling, while maintaining agitation.

Use with 2-7 gallons of water per 1,000 sq. ft. for tees and greens.

Water requirement can be reduced to 1 gallon per 1,000 sq. ft. for larger turf areas.

Thoroughly rinse container and pour remaining contents into spray tank.

Do not combine IPRODIONE/THIOPHANATE METHYL COMBO in the spray tank with surfactants or other adjuvants.

## APPLICATION DIRECTIONS

Apply with standard pressurized properly calibrated spray equipment.

Do not allow spray mixture to stand in the tank for longer than 12 hours.

Spray mixture should be agitated continuously during application.

To Prevent Disease: Treat turf at the NORMAL RATE when weather conditions are favorable for the development of disease. Repeat on a 14-21 day schedule.

To Control Mild Disease Infestations: Use the MEDIUM RATE and repeat on a 14 day schedule until the disease is brought under control, then treat at the NORMAL or MEDIUM RATE on a preventive schedule.

To Control Moderate to Severe Disease Infestations: Use the HEAVY RATE and repeat on a 14 day schedule until disease is brought under control, then treat at the NORMAL or MEDIUM RATE on a preventive schedule.

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For best results do not water or mow treated areas within 24 hours of application.

**TURF USE RATE TABLE**

USE SITE	DISEASE PRESSURE	SINGLE APPLICATION RATE	MAXIMUM SEASONAL APPLICATION RATE
		Fl. oz. Product/1000 sq ft	Fl. oz. Product/1000 sq ft
Non-residential turf areas	Light	1.0 - 2.0	16.0
	Medium	2.0 - 3.0	
	Heavy	3.0 - 4.0	
Golf Courses - Tees/greens/aprons	Light	1.0 - 2.0	24.0
	Medium	2.0 - 3.0	
	Heavy	3.0 - 4.0	
Golf Courses - Fairways (except Florida)	Light	1.0 - 2.0	8.0
	Medium	2.0 - 3.0	
	Heavy	3.0 - 4.0	
Golf Courses - Fairways (Florida only) only during overseeding	Light	1.0 - 2.0	4.0
	Medium	2.0 - 3.0	
	Heavy	3.0 - 4.0	

**TURF RESTRICTIONS:**

Minimum 14-day Retreatment Interval

Not for use on turf being grown for sale or other commercial use as sod.

Do not apply with fixed wing or rotary aircraft.

Do not apply this product on turf through any type of irrigation system.

Except for use on golf courses, 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.

For golf courses only, do not apply to turf cut higher than 1" on golf courses where water bodies are present.

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

Applications must be limited to no more than six a year.

Do not graze treated areas. Do not feed clippings to livestock.

**ORNAMENTAL APPLICATION**

Do not use fruit, nuts or sap from treated trees as food or feed.

Controls the following diseases on ornamentals:

Foliar

Aerial web blight  
 Alternaria leaf blight  
 Anthracnose  
 Asochyta blight  
 Black spot (1)  
 Botrytis blight  
 Botrytis gray mold  
 Cercospora leaf spot

Corynespora leaf spot  
 Cylindrocladium (2)  
 Didymellina leaf spot  
 Diplodia tip blight  
 Entomosporium leaf spot  
 Fusarium leaf spot  
 Helminthosporium leaf spot  
 Ink spot

Ovulinia  
 Phomopsis blight  
 Powdery mildew  
 Ramularia leaf spot  
 Ray blight  
 Rhizoctonia blight  
 Scab  
 Septoria leaf spot

Drench (after transplants)

Alternaria leaf blight  
 Botrytis blight  
 Cylindrocladium rot  
 Fusarium crown rot

Fusarium root rot  
 Fusarium stem rot  
 Ink spot  
 Rhizoctonia root rot

Sclerotinia stem, crown and  
 root rot  
 Thielaviopsis rot

(1)Roses

(2)Not active on Cylindrocladium spathiphylli

For use on ornamental plants such as:

Ageratum  
 Ajuga  
 Almond-Ornamental  
 Alyssum  
 Andromeda  
 Aphelandra  
 Artemesia  
 Aster  
 Azalea  
 Boxwood  
 Cactus  
 Calendula  
 Carnation  
 Cherry-Ornamental  
 Chrysanthemum\*  
 Cineraria  
 Coleus  
 Columbine  
 Conifers  
 Coral Bells (Heuchera)  
 Crape Myrtle  
 Crassula  
 Croton  
 Cyclamen\*\*  
 Dahlia  
 Daffodils  
 Danthus  
 Delphinium  
 Deutzia

Dianthus  
 Dieffenbachia  
 Dizygotheca  
 Dogwood  
 Dracena  
 English Ivy  
 Episcia  
 Euonymous  
 Ficus  
 Forsythia  
 Gazania  
 Geranium  
 Gladiolus  
 Gloxinia  
 Gypsophila  
 Hawthorn  
 Holly  
 Hoya  
 Hydrangea  
 Impatiens\*  
 Iris  
 Juniper  
 Kalanchoe  
 Lilies  
 Lipstick Vine  
 (Aeschynanthus)  
 Marigold  
 Monarda (Bee Balm)  
 Palm

Pansy  
 Peach-Ornamental  
 Peperomia  
 Periwinkle  
 Petunia\*  
 Philodendron  
 Phlox  
 Pilea  
 Pine  
 Pittosporum  
 Plum-Ornamental  
 Poinsettia\*\*  
 Poppy  
 Pothos\*  
 Primrose  
 Privet  
 Protea  
 Pyracantha  
 Rhododendron  
 Rose  
 Rose Tree of China  
 Salvia  
 Schefflera  
 Snapdragon  
 Statice  
 Tree Ivy  
 Viburnum  
 Violet  
 Zinnia

Do not use IPRODIONE/THIOPHANATE METHYL COMBO on Spathiphyllum or New Guinea impatiens.

\*Do not use IPRODIONE/THIOPHANATE METHYL COMBO as a drench on impatiens, pothos or petunias. Do not repeat high drench rate on chrysanthemums

\*\*Special care should be taken when treating these plants in bloom and prior to sale since some residue may be noticeable on foliage.

Foliar spray: Apply sufficient amount to foliar runoff, when conditions are favorable for disease development. Mix ratio is 17-34 fl. oz. of IPRODIONE/THIOPHANATE METHYL COMBO in 100 gal of water. Repeat at 10-14 days. The maximum single application rate for ornamentals is 192 fl. oz. (one gallon and two quarts) per acre.

Drench: Mix 17-34 fl. oz. of IPRODIONE/THIOPHANATE METHYL COMBO in 100 gal of water and apply at 1-2 pints per square foot after transplanting plants into propagation beds or containers. Repeat at 2-4 week intervals during conditions favorable for disease development. The maximum single application rate for ornamentals is 1,536 fl. oz. (12 gallons) per acre.

Apply IPRODIONE/THIOPHANATE METHYL COMBO at lower rate (17-25 oz. per gal of water) as a preventative application or when disease pressure is low. During periods of moderate to heavy disease pressure or to use as a curative treatment, apply the higher rate (6-34 oz. per 100 gallons of water).

#### **STORAGE AND DISPOSAL**

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

PESTICIDE STORAGE: Store in a cool, clean, dry place. Do not store at temperatures exceeding 120° F or at temperatures below 32° F.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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 DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state or local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container.

#### **Warranty and Disclaimer Statement**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

Arysta 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 described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER**

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DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

## IPRODIONE/THIOPHANATE METHYL COMBO

Not for homeowner use. For use by certified applicators or those under their immediate supervision.

### ACTIVE INGREDIENTS:

Thiophanate-methyl: (dimethyl 4,4'-o-phenylenebis [3-thioallophanate])<sup>\*</sup>..... 19.65%  
Iprodione: 3-(3,5-dichlorophenyl)-N-isopropyl-2,4-dioxo-1-imidazolidinecarboxamide<sup>\*\*</sup>19.65%  
OTHER INGREDIENTS:..... 60.70%  
TOTAL:..... 100.00%

<sup>\*</sup>Equivalent to 1.87 pounds Thiophanate-methyl per gallon.

<sup>\*\*</sup>Equivalent to 1.87 pounds Iprodione per gallon.

## KEEP OUT OF THE REACH OF CHILDREN

### CAUTION

FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED:	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.
<b>Hot Line Number</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:</b> Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S.	
<b>FOR CHEMICAL EMERGENCY:</b> Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-434-9300 or 1-703-527-3887 if calling from outside of the U.S.	

See Additional Precautions and Use Directions Inside Attached Booklet

EPA Reg. No. 66330-311  
EPA Est. No. 51036-GA-001  
AD xxxxxx

Manufactured for:  
Arysta LifeScience North America, LLC  
15401 Weston Parkway, Suite 150  
Cary, NC 27513

NET CONTENTS: \_\_\_\_\_ gallons

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

### ENVIRONMENTAL HAZARDS

This chemical can contaminate surface waters through aerial and ground 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 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 from treated areas may be hazardous to aquatic organisms in neighboring areas. Cover, incorporate or clean up spills. Do not contaminate water when disposing of equipment washwaters or rinsate.

### 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.

Do not apply with fixed wing or rotary aircraft.

Not for use on turf being grown for sale or other commercial use as sod.

Not for use on residential turf, ornamentals or vegetable/small fruit gardens.

Do not use fruit, nuts or sap from treated trees as food or feed.

Do not apply aerially or through chemigation equipment to any food crop.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, clean, dry place. Do not store at temperatures exceeding 120° F or at temperatures below 32° F.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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 DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration or, if allowed by state or local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container.