66330-311 08-05-2009 1/15

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

AUG 05 2009

Mr. Bill Washburn
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4 and 98-10

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 and 98-10 dated May 14, 2009 for:

EPA Registration 66330-311 Iprodione / Thiophanate Methyl Combo

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and 98-10 and finds that the label change(s) requested falls within the scope of PRN-2007-4 and 98-10. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

Rachel C. Hollomar for

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Mrcc 9/13/10

2/15

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

EPA United States Environmental Protection Agency Washington, DC 20460	☐ Registration ☐ Amendment ☒ Other:	OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
66330-311	Shaja Joyner	☒ None ☐ Restricted
4. Company/Product (Name) Iprodione/Thiophanate Methyl Combo	PM# 20	

5. Name and Address of Applicant *(Include ZIP Code)*

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

☐ *Check if this is a new address*

6. **Expedited Review.** In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

☐ Amendment – Explain below.
☐ Resubmission in response to Agency letter dated _____
☒ Notification - Explain below.
☐ Final printed labels in response to Agency letter dated _____
☐ "Me Too" Application
☐ Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140. 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140. 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Notification of label change per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☐ Yes*	☐ Yes	☐ Yes	☐ Metal
☒ No	☒ No	☒ No	☒ Plastic
***Certification must be submitted**	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt. / No. per container	☐ Glass ☐ Paper ☐ Other (Specify)

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
☒ Label ☐ Container	**1.0 lb., 3.0 lb., 5 lb., and 10 lb.**	☒ On Label ☐ On labeling accompanying product

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☒ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application)*

Name	Title	Telephone No. (Include Area Code)
Bill Washburn	**Regulatory Manager**	**901-432-5118**

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature	3. Title	6. Date Application Received
Bill Washburn	**Regulatory Manager**	**(Stamped)**
4. Typed Name **Bill Washburn**	5. Date **14 May 2009**	

3/15

Arysta LifeScience

May 14, 2009

Mr. Shaja Joyner
Product Management Team (20)
Fungicide-Herbicide Branch (H7505C)
Registration Division
Office of Pesticide Programs
Document Processing Desk (NOTIF)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Subject: ***Iprodione/Thiophanate Methyl Combo***
EPA Reg. No. 66330-311

Notification of Label Change per PR Notice 2007-4
and PR Notice 98-10

Dear Mr. Joyner:

Please find the following enclosed:

- Application for Pesticide Registration (Other) dated 05/14/09.
- One highlighted copy of subject label, showing all changes.
- One clean copy of the subject label.

Notification of label change per PR Notice 2007-4. This notification is consistent with guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140. 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if the amendment is not consistent with the requirements of 40 CFR §§ 156.10, 156.140. 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Also in this submission, we are using PR Notice 98-10 to update the name of the company, emergency telephone numbers and warranty. Arysta LifeScience North America Corporation was changed to Arysta LifeScience North America, LLC.

Should you have any questions or comments, please do not hesitate to contact me at 901-432-5118 or by e-mail at bill.washburn@arystalifescience.com

Sincerely,

Bill Washburn

Bill Washburn
Regulatory Manager
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150, Cary, NC 27513 Phone 919-678-4900 Fax 919-678-2194
www.arystalifescience.com

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:	• 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, perferably mouth-to-mouth, if possible • Call a poison control center or doctor for further treatment advice
Hot Line Number	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:** Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S. **FOR CHEMICAL EMERGENCY:** 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 091808

NET CONTENTS: _____ gallons

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

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 ≥ 14 mils, nitrile rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils, and viton ≥ 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 ½ or ¾ 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.

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.

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 animals on treated turf. Do not feed clippings to livestock or poultry.

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	Corynespora leaf spot	Ovulinia
Alternaria leaf blight	Cylindrocladium (2)	Phomopsis blight
Anthracnose	Didymellina leaf spot	Powdery mildew
Asochyta blight	Diplodia tip blight	Ramularia leaf spot
Black spot (1)	Entomosporium leaf spot	Ray blight
Botrytis blight	Fusarium leaf spot	Rhizoctonia blight
Botrytis gray mold	Helminthosporium leaf spot	Scab
Cercospora leaf spot	Ink spot	Septoria leaf spot

Drench (after transplants)

Alternaria leaf blight	Fusarium root rot	Sclerotinia stem, crown and root rot
Botrytis blight	Fusarium stem rot	Thielaviopsis rot
Cylindrocladium rot	Ink spot	
Fusarium crown rot	Rhizoctonia root rot	

(1)Roses
(2)Not active on Cylindrocladium spathiphylli

For use on ornamental plants such as:

Ageratum	Artemesia	Carnation
Ajuga	Aster	Cherry-Ornamental
Almond-Ornamental	Azalea	Chrysanthemum*
Alyssum	Boxwood	Cineraria
Andromeda	Cactus	Coleus
Aphelandra	Calendula	Columbine

Conifers	Gladiolus	Phlox
Coral Bells (Heuchera)	Gloxinia	Pilea
Crape Myrtle	Gypsophila	Pine
Crassula	Hawthorn	Pittosporum
Croton	Holly	Plum-Ornamental
Cyclamen**	Hoya	Poinsettia**
Dahlia	Hydrangea	Poppy
Daffodils	Impatiens*	Pothos*
Danthus	Iris	Primrose
Delphinium	Juniper	Privet
Deutzia	Kalanchoe	Protea
Dianthus	Lilies	Pyracantha
Dieffenbachia	Lipstick Vine (Aeschynanthus)	Rhododendron
Dizygotheca	Marigold	Rose
Dogwood	Monarda (Bee Balm)	Rose Tree of China
Dracena	Palm	Salvia
English Ivy	Pansy	Schefflera
Episcia	Peach-Ornamental	Snapdragon
Euonymous	Peperomia	Statice
Ficus	Periwinkle	Tree Ivy
Forsythia	Petunia*	Viburnum
Gazania	Philodendron	Violet
Geranium		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 reoresentative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state or local authorities by burning. If burned, stay out of smoke.

Deleted: Then o

Deleted: or reconditioning,

Deleted: 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, LLC ("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.

Deleted: Corporation

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 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])*..... 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:	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, perferably mouth-to-mouth, if possible Call a poison control center or doctor for further treatment advice
Hot Line Number	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:** Call PROSAR at 1-866-303-6952 or 1-651-632-8946 if calling from outside the U.S. **FOR CHEMICAL EMERGENCY:** 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 091808

NET CONTENTS: _____ gallons

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

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 reoresentative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state or local authorities by burning. If burned, stay out of smoke.

Deleted: Then o
Deleted: or reconditioning,
Deleted: Do not reuse empty container.

Filename: Iprodione Thiophanate Methyl Combo (311c091708)RED Clean.doc
066330-00311.20080917.RED Clea...pdf

NOTIFICATION
AUG 05 2009

15/15