

432-890

3/11/2008

10/14



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Richard M. Gorrell  
Manager, Registrations  
Bayer Environmental Science  
2 T.W. Alexander Drive  
Research Triangle Park, N.C. 27709

MAR 11 2008

Subject: Notification(s) for Label Revisions under PRN 98-10 and PRN 2007-4  
Alternate Brand Name (Signature)

Dear Mr. Gorrell:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 dated January 18, 2008 for:

**EPA Registration 432-890                      Aliette WDG**

The Registration Division (RD) has conducted a review of the requests for applicability under PRN 98-10 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and PRN-2007-4. 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 identify 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 Joyce Edwards of my staff at 703-308-8893.

Sincerely,

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

2014



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 432-890	2. EPA Product Manager Mr. Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Aliette WDG Fungicide (Master) and Signature (Alternate)	PM#	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> 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**

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

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 U.S.C. 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 product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.  
 - Submitting the revised labels Master and Alternate Brand as a notification

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container	If "Yes" Package wgt      No. per container

3. Location of Net Contents Information  
 Label       Container

4. Size(s) Retail Container  
4x5.5 lb

5. Location of Label Directions  
 On labelling 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 Richard M. Gorrell	Title Manager, Registrations	Telephone No. (Include Area Code) (919) 549-2423
----------------------------	---------------------------------	---

**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 <i>Richard M. Gorrell</i>	3. Title Manager, Registrations	6. Date Application Received <b>(Stamped)</b>
4. Typed Name Richard M. Gorrell	5. Date January 18, 2008	

MASTER LABEL

# ALIETTE<sup>®</sup> WDG brand Fungicide

ACTIVE INGREDIENT: Aluminum tris (O-ethyl phosphonate) ..... 80.0%  
 OTHER INGREDIENTS: ..... 20.0%  
 .TOTAL 100.0%

E. P. A. REG. NO. 432-890

E. P. A. EST. NO. 477-MD-01 65387-AR-002

## 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 1-800-331-2867.

### FIRST AID

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 by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eyes 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.</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 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

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear.

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.

When handlers use closed systems, enclosed cabs, or aircraft 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 PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and estuarine invertebrates. Drift and runoff may be hazardous to aquatic and estuarine organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

### 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 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.

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 made of any waterproof material, shoes plus socks, and protective eyewear.

### 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. Keep unprotected persons out of the treated areas until sprays have dried.

### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE:

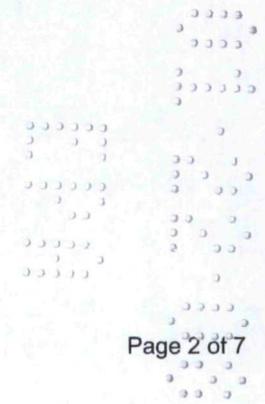
Store in original container and keep tightly closed. Store in a cool dry place.

#### PESTICIDE DISPOSAL:

Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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:

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Dispose of in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



### DIRECTIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including micro jet, drip, solid set and center pivot. 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 ALIETTE® WDG 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 ALIETTE® WDG, and then the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of ALIETTE® WDG into the irrigation water line so as to deliver the desired rate per acre. The suspension of ALIETTE® WDG 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: For Micro jet and Drip Irrigation Systems:** When treatment with ALIETTE® WDG has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours. **For Solid Set and Center Pivot Irrigation Systems:** When treatment with ALIETTE® WDG has been completed, further field irrigation over the treated area should be avoided until foliage is dry to prevent washing the chemical off the plants.

### GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

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

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 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, 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.

---

## ORNAMENTALS AND BEDDING PLANTS

---

Use ALIETTE® WDG Fungicide on ornamentals and bedding plants grown in field nursery, greenhouse, landscaping and conifer nursery situations, for control of diseases caused by *Pythium* and *Phytophthora*. ALIETTE® WDG can also be used on ornamentals for the control of downy mildew and fire blight and for the suppression of bacterial blight caused by certain pathovars of *Xanthomonas campestris*. Applications should be made prior to disease development and should be made in conjunction with good cultural management practices. Use the higher rate when disease pressure is severe. Do not exceed recommended rates or apply more frequently than at specified intervals or plant injury may occur.

---

### ORNAMENTALS

---

**FOLIAR APPLICATIONS** to plants such as Aglaonema, Aphelandra, Azalea, Bougainvillea, Boxwood, *Cattelya skinneri*, Cissus, Dieffenbachia, Hibiscus, Juniper, Leather-leaf Fern, Pittosporum, Philodendron, Pothos, Rhododendron, Spathiphyllum and *Taxus media*.

Mix 2.5 to 5.0 pounds of product with 100 gallons of water and spray to wet. If less than 100 gallons of spray solution is applied per acre, then apply 2.5 to 5.0 pounds of product per acre. Do not exceed 400 gallons of spray solution per acre. Repeat as necessary but do not exceed one application every 30 days.

**DRENCH APPLICATIONS** to plants such as Aphelandra, Azalea, Boxwood, Cissus, Dieffenbachia, Japanese Holly, Juniper, Monterey Pine, Philodendron, Pieris, Pittosporum, Rhododendron, Schefflera, Spathiphyllum, and *Taxus media*:

Mix 0.4 to 0.8 pounds (6.4 to 12.8 ounces) of product with 100 gallons of water and apply to 400 square feet (equivalent to 2 pints. solution per square feet). Repeat as necessary but do not exceed one application every 30 days.

**SOIL INCORPORATION** to plants such as Rhododendron, Azalea, or Pieris for control of *Phytophthora* species only:

Mix 0.5 to 0.8 pounds (8 to 12.8 ounce) of product per cubic yard of soil mix immediately before potting. If conditions are favorable for disease development, applications as a foliar spray or drench should be made as needed but are not to exceed once every 30 days. Use soil incorporation only with well-rooted plants.

---

**BEDDING PLANTS**

---

**FOLIAR APPLICATIONS** to plants such as Begonia, Pansy, Vinca, Marigold, Zinnia, Petunia, Geranium, and Impatiens:

Mix 1.25 to 4 pounds of product with 100 gallons of water and spray to wet using no more than 400 gallons of water per acre. Repeat as necessary but do not exceed one application every fourteen days.

---

**FOR USE ON CONIFERS IN NURSERIES\* TO PREVENT PHYTOPHTHORA ROOT ROT**

---

**DIP TREATMENTS** to conifers such as Douglas firs, spruce and pines. Dip transplants in 2.5 pounds product per 100 gallons to thoroughly wet plant and root mass. Dip immediately before transplanting. When making dip applications, wear chemical/water resistant gloves, goggles or face shield, long pants (coveralls), long sleeved shirt, shoes, and socks.

**FOLIAR APPLICATIONS** to conifers such as Douglas firs, spruce, and pines. Mix 2.5 to 5.0 pounds of product in 100 gallons of water and spray to wet. If less than 100 gallons of spray solution is applied per acre, then apply 2.5 to 5.0 pounds of product per acre. Do not exceed 400 gallons of spray solution per acre. Do not exceed more than one application every thirty days.

\*Not currently registered in California.

---

**DOWNY MILDEW CONTROL IN ROSES**

---

**FOLIAR APPLICATIONS TO ROSES:** field, container, landscape and mini varieties to control downy mildew (*Peronospora sparsa*). Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

Mix 2.5 pounds of product with 100 gallons of water and spray to wet. If less than 100 gallons of spray solution is applied per acre, then apply 2.5 to 5.0 pounds of product per acre. Do not exceed 400 gallons of spray solution per acre. Repeat as necessary but do not exceed one application every seven days.

---

**FIRE BLIGHT SUPPRESSION**

---

**FOLIAR APPLICATIONS** to plants such as ornamental pear, pyracantha and hawthorn. Applications should be made in conjunction with a strict sanitation program to reduce the spread of the disease to uninfected plants.

Mix 2.5 pounds of the product in 100 gallons of water and spray to wet. If less than 100 gallons of spray solution is applied per acre, then apply 2.5 to 5.0 pounds of product per acre. Do not exceed 400 gallons of spray solution per acre. ALIETTE® WDG works solely as a preventive treatment. Begin spray treatments at pre-bloom stage and continue at 7-day intervals until bloom period ends. Do not exceed one application every seven days.

---

**BACTERIAL BLIGHT SUPPRESSION\***

---

**FOLIAR APPLICATIONS** to plants such as English ivy, schefflera, anthurium, dieffenbachia, spathaphyllum, syngonium, and ficus for the suppression of the *Xanthomonas campestris* pathovars *hederae*, *dieffenbachiae*, *syngonii*, and *fici*. Applications should be made in conjunction with a disease sanitation program to reduce the spread of the disease to uninfected plants.

Mix 2 to 4 pounds of product with 100 gallons of water and spray to wet. If less than 100 gallons of spray solution is applied per acre, then apply 2.5 to 5.0 pounds of product per acre. Do not exceed 400 gallons of spray solution per acre. Repeat as necessary but do not exceed one application on every 7 days.

Refer to compatibility statements concerning use of coppers or other compounds.

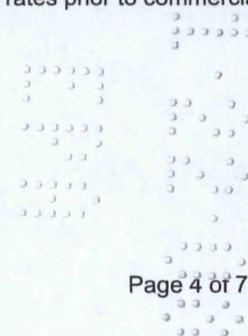
\* Not currently registered in California.

---

**PLANT TOLERANCE**

---

Plant tolerances to ALIETTE® WDG 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 ALIETTE® WDG Fungicide. The user should test for possible phytotoxic responses in other plants on a small area basis using recommended rates prior to commercial use.



**ORNAMENTAL AND BEDDING PLANT TANK MIXTURES**

**Additional Disease Control:** If ornamentals are threatened by additional diseases, ALIETTE® WDG is compatible with most commonly used fungicides. For control of diseases such as Aerial Web Blight, Alternaria Leaf Blight, Botrytis Blight, Fusarium Leaf Spot, Helminthosporium Leaf Spot, and Ray Blight, ALIETTE® WDG can be tank mixed with CHIPCO® 26019 Brand Fungicide. Consult the CHIPCO® 26019 label for a complete listing of diseases controlled and for application rates.

If a tank mix with other fungicides is used, follow label directions for the use of that product and apply at the recommended rate for control of the target disease organism. ALIETTE® WDG is not compatible with the flowable formulation of Rubigan™ A.S. and Spectro™ 90WDG. These products should not be combined for application.

**COMPATIBILITY**

ALIETTE® WDG may not be compatible with foliar fertilizers or with copper based fungicides. To avoid undesirable copper phytotoxicity, do not apply ALIETTE® WDG and copper-based compounds at less than 14-day intervals. Also, if copper based products and ALIETTE® WDG are included in the same foliar spray program it is advised to avoid application with air blast equipment.

Do not mix ALIETTE® WDG with any sticker, extender or wetting agent.

To determine the physical compatibility of ALIETTE® WDG with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indication of incompatibility usually appears within 5-15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

ALIETTE® WDG is not physically compatible with flowable formulations of Rubigan™ A.S. and Spectro™ 90 WDG as a tank mixture. These products should not be combined for application.

**TURF**

ALIETTE® WDG is a systemic fungicide, which may be used, in a seasonal program for the control of *Pythium* diseases, such as blight and root rot, and yellow tuft on common turf grasses on golf courses, sod farms sports fields, residential, commercial, and other turfgrass areas. Apply as a foliar spray, using 1 to 5 gallons of water per 1,000 square feet, as indicated in the table below. Apply with a properly calibrated sprayer.

DISEASE	INTERVAL OF APPLICATIONS	RATE OZ. PRODUCT/1,000 SQ. FT.
<i>Pythium</i> diseases, yellow tuft	14 days	4.0
	21 days	8.0

Begin preventive applications when conditions first favor disease and repeat at recommended interval. Do not mow and/or water treated areas until foliage is completely dry. Maintain agitation during spray operations.

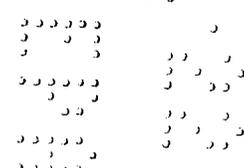
**TURF TANK MIXTURES**

An ALIETTE® WDG program encourages the development of a thick, vigorous turf stand that is better able to tolerate various stresses (heat, humidity, drying winds, traffic etc) that can have a negative effect on turf health. A thick, vigorous ALIETTE® WDG treated turf is better able to resist disease development and suppress the development of other pests such as weeds and algae.

**Summer Decline:** For control of Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases, ALIETTE® WDG can be tank mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

**Anthracnose:** For improved control of anthracnose ALIETTE® WDG can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to anthracnose.

**Bentgrass Dead spot:** For control of bentgrass dead spot ALIETTE® WDG can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable for development of bentgrass dead spot.



PRODUCT	RATE OZ. PRODUCT/1,000 SQ. FT.	DISEASE	APPLICATION INTERVAL
ALLETTE® WDG + 26GT™ or Tartan	4.0 to 8.0 + 3.0 to 4.0 or 1.0 to 2.0	Summer Decline ( <i>Pythium</i> , <i>Anthracnose</i> , and <i>Rhizoctonia</i> <i>spp.</i> )  and/or	14 days
Daconil Ultrex® or Manicure™ DG or Dithane® T/O or Protect T/O or Mancozeb DG or Fore® WP or Heritage® or Banner® MAXX® or ProStar® 70WP	3.2 or 3.3 or 8.0 or 8.0 or 8.0 or 4.0 to 8.0 or 0.2 to 0.4 or 1.0 to 2.0 or 1.5 to 3.0	<i>Anthracnose (Colletotrichum graminicola)</i>	
ALLETTE® WDG + Fore® Rainshield™ or Daconil Ultrex®	4.0 + 8.0 or 3.2	Bentgrass Dead spot ( <i>Ophiosphaerella</i> <i>agrostis</i> )	

The following fungicides are physically compatible with ALLETTE® WDG and may be substituted for the partner products listed above for use with ALLETTE® WDG in a Summer Decline program: Bayleton® 50, Cavalier 50WSB, Cavalier Flowable, Chlorostar, Cleary's 3336™ WP, Cleary's 3336™ F, Compass™, Curalan® EG, Daconil® Weather Stik®, Daconil ZN®, Eagle, Echo® 90DF, Echo® Flowable, Endorse™, Fungo® Flo, Fungo® 50WSB, MANhandle™, Manicure™ 6 Flowable, Manicure™ T/O Flowable, Manicure™ Ultrex®, Medallion®, Pentathlon®, Pentathlon® DF, Revere™ 4000, SysStar®, SysTec® 1998, SysTec® 1998 WDG, Terrachlor® 75WP and 400, Terraguard® 50W, Terrazole 35% WP, Touche EG, Turfcide® 400, TwoSome™ Flowable Fungicide

**Mixing Instructions**

Add ALLETTE® WDG to the tank after the tank-mix partner has been added and allowed to fully disperse. The order in which products are added to the tank can affect its ability to go into solution.

Apply as a foliar spray using 1 to 5 gallons of water per 1,000 square feet. Apply with a properly calibrated sprayer. Begin preventative applications when conditions first favor disease and repeat at recommended interval. Do not mow and/or water treated areas until foliage is completely dry. Maintain agitation during spray operations.

If a tank mix with other fungicides is used, follow label directions for the use of that product and apply at the recommended rate for control of the target disease organism.

**COMPATIBILITY**

ALLETTE® WDG may not be chemically compatible with foliar fertilizers or with copper-based fungicides and phytotoxicity may occur. Do not mix ALLETTE® WDG with any sticker, extender or wetting agent.

To determine the physical compatibility of ALLETTE® WDG with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indication of incompatibility usually appears within 5-15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

ALLETTE® WDG is not physically compatible with Rubigan™ A.S. and Spectro™ 90WDG Fungicide as a tank mixture. These products should not be combined for application.

Do not graze animals on treated turf. Do not feed clippings from treated turf to livestock and poultry.



100e14

# Sub Label of Aliette WDG

## CHIPCO<sup>®</sup> SIGNATURE Fungicide

ACTIVE INGREDIENT: Aluminum tris (O-ethyl phosphonate) ..... 80.0%

OTHER INGREDIENTS: ..... 20.0%

Total 100.0%

EPA REG NO 432-890

EPA EST NO 477-MD-01  
65387-AR-002

### 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 1-800-331-2867.

#### FIRST AID

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 by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes:	<ul style="list-style-type: none"> <li>• Hold eyes 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.</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 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

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### CAUTION

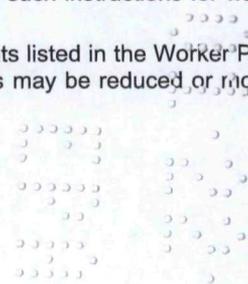
Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye injury. Avoid contact with skin, eyes or clothing.

##### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks, and protective eyewear.

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.

When handlers use closed systems, enclosed cabs, or aircraft 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 PPE clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic and estuarine invertebrates. Drift and runoff may be hazardous to aquatic and estuarine organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

### 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 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.

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 made of any waterproof material, shoes plus socks, and protective eyewear.

### 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. Keep unprotected persons out of the treated areas until sprays have dried.

### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE:

Store in original container and keep tightly closed. Store in a cool dry place.

#### PESTICIDE DISPOSAL:

Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use 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

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Dispose of in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

Apply this product only through sprinkler irrigation systems including microjet, drip, solid set and center pivot. 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® SIGNATURE 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 CHIPCO® SIGNATURE, and then the remaining volume of water. Then set sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of CHIPCO® SIGNATURE into the irrigation water line so as to deliver the desired rate per acre. The suspension of CHIPCO® SIGNATURE 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.

1209/14

NOTE: For Microjet and Drip Irrigation Systems: When treatment with CHIPCO® SIGNATURE has been completed, further field irrigation over the treated area should be avoided for 24 to 48 hours. For Solid Set and Center Pivot Irrigation Systems: When treatment with CHIPCO® SIGNATURE has been completed, further field irrigation over the treated area should be avoided until foliage is dry to prevent washing the chemical off the plants.

**GENERAL PRECAUTIONS FOR APPLICATIONS THROUGH SPRINKLER IRRIGATION SYSTEMS**

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

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 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, 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**

This product may cause staining. Avoid off-target sites such as sidewalks, patios, driveways, pavers, or similar materials. Do not enter treated areas until spray has dried. Rinse spray equipment thoroughly with warm water and detergent.

**TURF**

CHIPCO® SIGNATURE is a systemic fungicide, which may be used, in a seasonal program for the control of *Pythium* diseases, such as blight and root rot, and yellow tuft on common turfgrasses on golf courses, sod farms, sports fields, residential, commercial, and other turfgrass areas. Apply as a foliar spray, using 1 to 5 gallons of water per 1,000 square feet, as indicated in the table below. Apply with a properly calibrated sprayer.

DISEASE	INTERVAL OF APPLICATIONS	RATE OZ. PRODUCT/1,000 SQ. FT.
<i>Pythium</i> diseases, Yellow Tuft	14 days	4.0
	21 days	8.0

Begin preventive applications when conditions first favor disease and repeat at recommended interval. Do not mow and/or water treated areas until foliage is completely dry. Maintain agitation during spray operations.

**TURF TANK MIXTURES**

A CHIPCO® SIGNATURE program encourages the development of a thick, vigorous turf stand that is better able to tolerate various stresses (heat, humidity, drying winds, traffic etc) that can have a negative effect on turf health. A thick, vigorous CHIPCO® SIGNATURE treated turf is better able to resist disease development and suppress the development of other pests such as weeds and algae.

**Summer Decline:** For control of Summer Decline caused by a complex of *Pythium* and *Rhizoctonia* diseases, CHIPCO® SIGNATURE can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

**Anthracnose:** For improved control of anthracnose CHIPCO® SIGNATURE can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable to anthracnose.

**Bentgrass Dead spot:** For control of Bentgrass dead spot CHIPCO® SIGNATURE can be tank-mixed with the products listed below in accordance with the most restrictive of label limitations and precautions. A preventative, multi-application (repeated every 14 days) program must be started prior to the appearance of the disease and the conditions favorable for development of Bentgrass dead spot.

PRODUCT	RATE OZ. PRODUCT/1,000 SQ. FT.	DISEASE	APPLICATION INTERVAL
CHIPCO® SIGNATURE + 26GT™ or Tartan Daconil Ultrex® or Fore® WP or ProStar® 70WP	4.0 to 8.0 + 3.0 to 4.0 or 1.0 to 2.0 3.2 or 4.0 to 8.0 or 1.5 to 3.0	Summer Decline (Pythium, Anthracnose, and Rhizoctonia spp.)  and/or  Anthracnose (Colletotrichum graminicola)	14 days
CHIPCO® SIGNATURE + Fore® Rainshield™ or Daconil Ultrex®	4.0 + 8.0 or 3.2	Bentgrass Dead spot (Ophiosphaerella agrostis)	14 days

The following fungicides are physically compatible with CHIPCO® SIGNATURE and may be substituted for the partner products listed above for use with CHIPCO® SIGNATURE in a Summer Decline program: Bayleton® 50, Cavalier 50WSB, Cavalier Flowable, Chlorostar, Cleary's 3336™ WP, Cleary's 3336™ F, Compass™, Curalan® EG, Daconil® Weather Stik®, Daconil ZN®, Eagle, Echo® 90DF, Echo® Flowable, Endorse™, Fungo® Flo, Fungo® 50WSB, MANhandle™, Manicure™ 6 Flowable, Manicure™ T/O Flowable, Manicure™ Ultrex®, Medallion®, Pentathlon®, Pentathlon® DF, Revere™ 4000, SysStar®, SysTec® 1998, SysTec® 1998 WDG, Terrachlor® 75WP and 400, Terraguard® 50W, Terrazole 35% WP, Touche EG, Turfcide® 400, TwoSome™ Flowable Fungicide

**Mixing Instructions**

Add CHIPCO® SIGNATURE to the tank after the tank mix partner has been added and allowed to fully disperse. The order in which products are added to the tank can affect its ability to go into solution.

Apply as a foliar spray using 1 to 5 gallons of water per 1,000 square feet. Apply with a properly calibrated sprayer. Begin preventative applications when conditions first favor disease and repeat at recommended interval. Do not mow and/or water treated areas until foliage is completely dry. Maintain agitation during spray operations.

If a tank mix with other fungicides is used, follow label directions for the use of that product and apply at the recommended rate for control of the target disease organism.

**COMPATIBILITY**

CHIPCO® SIGNATURE may not be chemically compatible with foliar fertilizers or with copper-based fungicides and phytotoxicity may occur. Do not mix Chipco® Signature with any sticker, extender or wetting agent.

To determine the physical compatibility of CHIPCO® SIGNATURE with any other product, use a small container to mix a small amount (e.g. 1 pint) of spray solution, containing all ingredients in the same order and ratio as the anticipated use. If any indication of physical incompatibility develops, do not use this mixture for spraying. Indication of incompatibility usually appears within 5-15 minutes after mixing. Read and follow all directions and precautions on this label and on the labels of any products for which a tank mixture is being considered.

CHIPCO® SIGNATURE is not physically compatible Rubigan™ A.S. and Spectro™ 90 WDG Fungicides as a tank mixture. These products should not be combined for application.

Do not graze animals on treated turf. Do not feed clippings from treated turf to livestock and poultry.

