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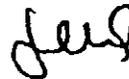
Danielle Larochelle  
Rhone-Poulenc Ag Company  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Dear Ms. Larochelle:

Subject: Add Use on Conifers in Nurseries, Downy  
Mildew and Fire Blight Suppression  
Chipco Aliette WDG Fungicide  
EPA Registration No. 264-515  
Your Submissions Dated January 26, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,



to Cynthia Giles-Parker  
Product Manger (22)  
Fungicide Herbicide Branch  
Registration Division (H7505C)

Enclosure

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

**ACTIVE INGREDIENT:** Aluminum tris (O-ethyl phosphonate).....80.0%  
**INERT INGREDIENTS:**.....20.0%

E. P. A. REG. NO. 264-515

E. P. A. EST. NO.

## KEEP OUT OF REACH OF CHILDREN CAUTION

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

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

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

### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED:** Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

### PRECAUTIONARY STATEMENTS

#### CAUTION

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through the skin or inhaled. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

#### 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.

#### REENTRY STATEMENT

If entering into the treated area within 24 hours of application to perform hand labor tasks wear long pants (or coveralls), long-sleeved shirt, shoes, socks, chemical/water resistant gloves, goggles or face shield. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

### STORAGE AND DISPOSAL

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

#### PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. 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:

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### 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.

**BEST AVAILABLE COPY**

**APPLICATION INSTRUCTIONS:** First prepare a suspension of CHIPCO® 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 CHIPCO® 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 CHIPCO® ALIETTE® WDG into the irrigation water line so as to deliver the desired rate per acre. The suspension of CHIPCO® 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 Microjet and Drip Irrigation Systems: When treatment with CHIPCO® 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 CHIPCO® 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 crop.

**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 shutdown. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e. g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

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

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from nonuniform distribution of treated water. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place.

**GENERAL INFORMATION**

**NOTE TO USER:** During mixing and applying this product, wear full protective clothing (long pants, long sleeve shirt, water resistant gloves and either face shield or goggles)

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**ORNAMENTALS AND BEDDING PLANTS**

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Use CHIPCO® 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*. CHIPCO® 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.

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**ORNAMENTALS**

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**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 lbs of product with 100 gallons of water and spray to wet using no more than 400 gallons of spray 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 lbs (6.4 to 12.8 oz.) of product with 100 gallons of water and apply to 400 sq. ft. (equivalent to 2 pt. solution per sq. ft.) 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 lb (8 to 12.8 oz.) 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 do not exceed once every 30 days. Use soil incorporation only with well-rooted plants.

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**BEDDING PLANTS**

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

Mix 1.25 to 4 lbs 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 thirty 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 lbs. 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 lbs. of product in 100 gallons of water and spray to wet using no more than 400 gallons of water per acre. Do not exceed more than one application every thirty days.

**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 lbs. of product with 100 gallons of water and spray to wet using no more than 400 gallons 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 hawthorne. Applications should be made in conjunction with a strict sanitation program to reduce the spread of the disease to uninfected plants.

Mix 2.5 lbs. of the product in 100 gallons of water and spray to wet using not more than 400 gallons of water per acre. CHIPCO ALIETTE 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, spathiphyllum, 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 lbs of product with 100 gallons of water and spray to wet using no more than 400 gallons of spray 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.

**PLANT TOLERANCE**

Plant tolerances to CHIPCO® 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 CHIPCO® 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, CHIPCO® 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, CHIPCO® 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. CHIPCO® ALIETTE® WDG is not compatible with the flowable formulation of Daconil 2787. These products should not be combined for application.

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### COMPATIBILITY

CHIPCO® ALIETTE® WDG may not be compatible with foliar fertilizers or with copper containing fungicides. To avoid undesirable copper phytotoxicity, do not apply CHIPCO® ALIETTE® WDG and copper containing compounds at less than 7 day intervals. Do not mix CHIPCO® ALIETTE® WDG with any sticker, extender or wetting agent.

To determine the physical compatibility of CHIPCO® 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 develop, do not use this mixture for spraying. Indication of incompatibility usually appear 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® ALIETTE® WDG is not physically compatible with flowable formulations of Daconil 2787 as a tank mixture. These products should not be combined for application.

### TURF

CHIPCO® ALIETTE® WDG is a systemic fungicide which may be used in a seasonal program for the control of Pythium blight and Yellow tuft on common turfgrasses on golf courses, sod farms and other turf areas. Apply as a foliar spray, using 1 to 5 gallons of water per 1,000 sq. ft., as indicated in the table below. Apply with a properly calibrated sprayer.

DISEASE	INTERVAL OF APPLICATIONS	RATE OZ. PRODUCT/1,000 FT <sup>2</sup>
Pythium blight, 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

Summer Stress Complex: For control of summer stress complex caused by a complex of *Pythium* and *Rhizoctonia* diseases, CHIPCO® ALIETTE® WDG can be tank-mixed with Fore WP Fungicide on common turfgrasses on golf courses, sod farms, industrial or municipal turf areas, and professional applications to residential lawns.

PRODUCT	DISEASE	APPLICATION INTERVAL	RATE OZ. PRODUCT/1,000 FT <sup>2</sup>
CHIPCO® ALIETTE® WDG + Fore WP	Summer Stress Complex ( <i>Pythium</i> and <i>Rhizoctonia</i> spp.)	14 days	4.0 to 8.0
			+ 4.0 to 8.0

Apply as a foliar spray using 1 to 5 gallons of water per 1,000 sq.ft. Apply with a properly calibrated sprayer. 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. Do not mix CHIPCO® ALIETTE® WDG with the flowable formulation of Fore Fungicide as physical incompatibility of these products may result.

Additional Disease Control: If turf is threatened by additional diseases, CHIPCO® ALIETTE® WDG is compatible with most commonly used fungicides. For control of diseases such as Dollar Spot, Brown Patch, Helminthosporium Leaf Spot, and Necrotic Ring Spot, CHIPCO® ALIETTE® WDG can be tank mixed with CHIPCO® 26019 or CHIPCO® 26019 FLO brand fungicides. Consult the CHIPCO® 26019 and CHIPCO® 26019 FLO labels 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. CHIPCO® ALIETTE® WDG is not compatible with the flowable formulations of Daconil 2787<sup>2</sup> or Fore Fungicide. These products should not be combined for application.

### COMPATIBILITY

CHIPCO® ALIETTE® WDG may not be compatible with foliar fertilizers or with copper containing fungicides. Do not mix CHIPCO® ALIETTE® WDG with any sticker, extender or wetting agent.

To determine the physical compatibility of CHIPCO® 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 develop, do not use this mixture for spraying. Indication of incompatibility usually appear 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® ALIETTE® WDG is not physically compatible with flowable formulations of Daconil 2787 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.

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### LIMITED WARRANTY AND DISCLAIMER

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

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

#### NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

<sup>1</sup>Fore is a registered trademark of Rohm and Haas Company.

-Daconil 2787 is a registered trademark of Fermenta Corporation.

**ACCEPTED**  
MAR 29 1993  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
recommended for the pesticide  
registered under  
Reg. No. 264-515

Rhône-Poulenc Ag Company  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709

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CHIPCO® ALIETTE® WDG Fungicide (PENDING) Resubmitted 3/23/93.

