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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 18 1995

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Lizabeth R. Simila
Registration Manager
Rhone-Poulenc Ag Company
P.O. Box 12014, 2 T.W. Alexander Dr.
Research Triangle Park, NC 27709

SUBJECT: Label and CSF Amendments to Add Green Pigment and Label
Amendments for Additional Brand Name and Tank Mix
Chipco Aliette Green
EPA Reg. No. 264-467
Your Letter Dated September 5, 1995

Dear: Ms. Simila:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

In the tank mix chart, indicate the application rate per acre of Fore WP for the tank mix with Chipco Aliette Extra. The rates must be consistent the rates on the turf tank mix chart for Fore WP on the label of Chipco Aliette WDG Fungicide, EPA Reg. No. 264-515, accepted May 12, 1994.

A stamped copy is enclosed for your records.

Submit one (1) copy of your final printed labeling before you release the product for shipment.

The Agency has completed its review of the subject alternate Confidential Statements of Formula dated September 5, 1995. There is no objection to the use of the alternate formulas requested in your letter of the above date. The amendments have been inserted in the file for the subject product.

If you have any questions, please contact Richard Peacock of my staff at (703) 305-7381.

Sincerely yours,

Theresa Stowe
Acting Team Leader
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

BEST COPY AVAILABLE

Fungicide

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

INERT INGREDIENT:.....20.0%

E. P. A. REG. NO. 264-467

E. P. A. EST. NO.

KEEP OUT OF REACH OF CHILDREN CAUTION

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

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

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.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, 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.

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 when disposing of rinsate or 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.

STORAGE AND DISPOSAL

STORAGE:

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:

Do not reuse outer sleeve. Dispose of outer sleeve in the trash

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soluble packet inside can be dropped into the spray tank at the appropriate time without touching it.

HANDLING PRECAUTIONS

- Do not allow the empty outer sleeve or the tear-strip to fall into the spray tank as they are not water soluble and may clog the sprayer.
- Do not handle the inner packet with wet gloves as the packets will begin to dissolve on contact with even a small amount of water.
- Do not open the inner packets or attempt to remove the contents from them. The water soluble packet is not designed to be remeasured or subdivided.
- The PVA packets should not be opened and partial packets not used for a tankmix.
- The entire contents of the water soluble packet must be used.

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® ALIETTE® EXTRA 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® EXTRA, 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® EXTRA into the irrigation water line so as to deliver the desired rate per acre. The suspension of CHIPCO® ALIETTE® EXTRA 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® EXTRA 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® EXTRA 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.

TURF

CHIPCO® ALIETTE® EXTRA 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 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	NUMBER OF WATER SOLUBLE PACKETS PER ACRE
Pythium diseases, Yellow Tuft	14 days	11
	21 days	22

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.

4075

COMPATIBILITY

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

To determine the physical compatibility of CHIPCO® ALIETTE® EXTRA 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® EXTRA is not physically compatible with flowable formulations of Daconil 2787® 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.

TURF TANK MIXTURES

Summer Stress Complex: For control of summer stress complex caused by a complex of *Pythium* and *Rhizoctonia* diseases, CHIPCO® ALIETTE® EXTRA 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	NUMBER OF WS PACKETS PER ACRE
CHIPCO® ALIETTE® EXTRA + Fore® WP	Summer Stress Complex (<i>Pythium</i> and <i>Rhizoctonia</i> spp.)	14 days	11 to 22

Apply as a foliar spray using 1 to 5 gallons of water per 1,000 sq.ft. 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. Do not mix CHIPCO® ALIETTE® EXTRA 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® EXTRA 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® EXTRA 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® EXTRA is not compatible with the flowable formulations of Daconil 2787® or Fore® Fungicide. These products should not be combined for application.

ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 18 1995

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

264-467

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.

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CHIPCO® ALIETTE® EXTRA Fungicide (PENDING) Submitted 9/5/95.

