



**COMPANY
NUMBER**

264

**PRODUCT
SERIAL NO.**

516

**LABEL
APPROVAL
DATE**

8-02-96

FyB

8/2/96

PM 22

264-516

Pg 17/11

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input checked="" type="checkbox"/>	Amendment
<input type="checkbox"/>	Other

OPP Identifier Number
242545

Application for Pesticide - Section I

1. Company/Product Number 264-516 and 4581-371	2. EPA Product Manager Cynthia Giles-Parker	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ALLETTE/MANEB 2+2 Fungicide (Twin Pack)	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Rhone-Poulenc Ag Company 2 T.W. Alexander Drive P.O. Box 12014 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 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.)
Notification of minor labeling change per PR NOTICE 95-2
See attachment for certification statement

NOTIFICATION
AUG 15 1996

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Danielle A. Larochelle	Title Registration Manager	Telephone No. (Include Area Code) 919/549-2718
2. Signature 		6. Date Application Received (Stamped)
3. Title Registration Manager		
4. Typed Name Danielle A. Larochelle	5. Date July 25, 1996	

ATTENTION CALIFORNIA GROWERS: For pesticide use reporting in California, report both EPA registration numbers 264-516 and 4581-371

ALIETTE[®]/MANEB 2+2 Fungicide

A twin pack product containing a systemic and a contact fungicide in attached water soluble packets for the control of a broad spectrum of diseases on various crops. Each twin pack contains 2 lbs of ALIETTE[®] and 2 lbs of MANEB.

ALIETTE[®] WSP Fungicide	MANEB 75DF Dry Flowable Fungicide
ACTIVE INGREDIENT: Aluminum tris (O-ethyl phosphonate).....80.0% INERT INGREDIENTS:20.0%	ACTIVE INGREDIENT: Maneb (Manganese ethylenebisdithiocarbamate)*75.0% INERT INGREDIENTS:25.0% *(Manganese equivalent as metallic 16.5%)
EPA Reg No. 264-516 EPA Est. No. 264-MO-02	EPA Reg No. 4581-371 EPA Est. No. 264-MO-02
<p align="center">KEEP OUT OF REACH OF CHILDREN</p> <p align="center">CAUTION</p>	<p align="center">KEEP OUT OF REACH OF CHILDREN</p> <p align="center">AUG 15 1996 CAUTION</p> <p>Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).</p>
For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577. For PRODUCT USE Information Call 1-800-334-9745.	For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577. For PRODUCT USE Information Call 1-800-334-9745.
<p align="center">STATEMENT OF PRACTICAL TREATMENT</p> <p>IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.</p> <p>IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.</p> <p>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.</p> <p align="center">PRECAUTIONARY STATEMENTS</p> <p>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.</p>	<p align="center">STATEMENT OF PRACTICAL TREATMENT</p> <p>IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.</p> <p>IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.</p> <p>IF ON SKIN: Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation persists.</p> <p>IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. Never give anything by mouth to an unconscious person.</p> <p align="center">PRECAUTIONARY STATEMENTS</p> <p>CAUTION HAZARDS TO HUMANS AND DOMESTIC ANIMALS Harmful if swallowed, absorbed through the skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist or dust.</p>

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. Wear a chemical resistant apron when cleaning equipment, mixing or loading.

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.

ENGINEERING CONTROLS STATEMENTS

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.

Human flaggers must be in enclosed cabs.

The enclosed cabs must be used 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.
- 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 product is toxic to fish and 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 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 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 24 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 over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in original container in a dry area. If allowed to become wet the product will deteriorate and represent a fire hazard. Keep away from sources of ignition (e.g. sparks and open flame).

PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate 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 bag. Dispose of outer bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, burning. If burned, stay out of the smoke.

MAXIMUM SEASONAL USAGE OF ALIETTE®

NOTE: Each twin pack contains 2 lbs of ALIETTE®.

1. Additional amounts of ALIETTE® WDG or ALIETTE® WSP may be added to applications of ALIETTE®/MANEB 2+2. Do not exceed the maximum per acre amount allowed by the ALIETTE® WDG or ALIETTE® WSP label.
2. When applications of ALIETTE®/MANEB 2+2 are intermingled with applications of ALIETTE® WDG or ALIETTE® WSP the total number of applications should not exceed the maximum number of applications allowed by the ALIETTE® WDG or ALIETTE® WSP label.

MAXIMUM SEASONAL POUNDAGE WHEN USED IN CONJUNCTION WITH ONE OR MORE OTHER EBDC PRODUCTS

NOTE: Each twin pack contains 2 lbs of MANEB.

FOLIAR APPLICATIONS

1. **Where EBDC products used allow the same maximum poundage of active ingredient per acre per season:**
If more than one product containing an EBDC active ingredient (maneb, mancozeb, or metiram) is used on a crop during the same growing season and the EBDC products used allow the same maximum poundage of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed any one of the specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre.
2. **Where EBDC products used allow a different maximum poundage of active ingredient per acre per season:**
If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre.
3. **Seed Treatment:** In addition to the maximum number of foliar applications permitted by the formula stated above, a single application for seed treatment may be made on crops which have registered seed treatment uses.

DIRECTIONS THROUGH SPRINKLER IRRIGATION SYSTEMS

CAUTION: The ALIETTE®/MANEB 2+2 twin pack may not be separated or cut open. The entire twin pack must be used for an application.

Use of ALIETTE®/MANEB 2+2 Fungicide through chemigation is not allowed in California.

Apply this product only through sprinkler irrigation systems including mini-sprinkler, 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®/MANEB 2+2 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 **unopened and unseparated ALIETTE®/MANEB 2+2 packets**. Agitate to insure thorough mixing until packets and product are completely dispersed. Then add the remaining volume of water. Set the sprinkler to deliver 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of ALIETTE®/MANEB 2+2 into the irrigation water line so as to deliver the desired rate per acre. The suspension of ALIETTE®/MANEB 2+2 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 Mini-sprinkler systems: When treatment with ALIETTE®/MANEB 2+2 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®/MANEB 2+2 has been completed, further field irrigation over the treated area should be avoided for 24-48 hours 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 connections 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 non uniform 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 APPLICATION INSTRUCTIONS FOR FOLIAR APPLICATIONS

CAUTION: The ALIETTE®/MANEB 2+2 twin pack may not be separated or cut open. The entire twin pack must be used for an application.

ALIETTE®/MANEB 2+2 is an effective systemic/contact product for control of various diseases when used according to the label directions.

MIXING INSTRUCTIONS

- 1. Fill the spray tank with 1/4 - 1/2 of the required volume of water prior to the addition of ALIETTE®/MANEB 2+2.
- 2. Add the **unopened and unseparated ALIETTE®/MANEB 2+2 packets** to the tank and agitate by hydraulic or mechanical means for a minimum of two minutes or until the packets and the product are completely dispersed.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE®/MANEB 2+2 or if unbuffered ALIETTE®/MANEB 2+2 is applied to foliage with copper residues. **Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE®/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE®/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE®/MANEB 2+2).**

- 3. Slowly add alkaline buffering agent (if needed)*. Suggested buffering agents include Potassium carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE®/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE®/MANEB 2+2).

***CAUTION:** When Potassium Carbonate is used as a buffer Carbon Dioxide (CO²) gas is released during the buffering process. The spray tank must NOT be sealed until the CO² release associated with the reaction subsides (approximately 5 minutes).

- 4. Continue to fill the tank with water to the desired volume while agitating.
- 5. Continue agitation when applying.

COMPATIBILITY:

ALIETTE®/MANEB 2+2 is compatible with most products used in agriculture; however, crop sensitivity to these mixtures may vary. In particular, foliar fertilizers and copper products may not be compatible with ALIETTE®/MANEB 2+2 and the combined use may cause phytotoxicity to various crops. If these combinations or others have not been used before, do not tank mix without first testing the safety of the combination (compatibility and crop phytotoxicity).

The use of spray adjuvants (e.g., stickers, spreaders, wetting agents) are not recommended with ALIETTE®/MANEB 2+2. However, if an adjuvant is going to be mixed with ALIETTE®/MANEB 2+2, it should be tested prior to use for compatibility. Due to ALIETTE®/MANEB 2+2's acidic nature, do not tank mix with acid type compatibility spray adjuvants (e.g. Buffit® Spray-aide, Triton AG-44M) or with adjuvants designed to enhance pesticide penetration (e.g., Herbex® or Induce®).

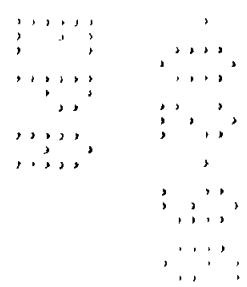
Physical compatibility with ALIETTE®/MANEB 2+2 should be checked when mixing with soluble concentrate or "flowable" formulation pesticides such as Bravo® 720 and Rovral® 4F. Add the correct proportions of each product and water into a clear container, thoroughly mix and then let stand for 3-5 minutes. If the mixture remains in suspension or can be remixed readily, the products are considered compatible. Buffering as described above may increase compatibility.

To determine if a combination is phytotoxic to a specific crop, spray a few plants/trees and then evaluate 3-7 days later for visual effects.

APPLICATION:

CAUTION: The ALIETTE®/MANEB 2+2 twin pack may not be separated or cut open. The entire twin pack must be used for an application.

Apply ALIETTE®/MANEB 2+2 with sufficient water volumes to obtain adequate coverage of foliage. The gallonage needed will vary by crop and growth stage. For vegetables and small fruit, do not apply ALIETTE®/MANEB 2+2 by ground in less than 20 gal/Acre. For aerial applications for all labeled crops do not apply in less than 10 gal/Acre. To insure good coverage of tree fruit, spray to wet.



ALIETTE®/MANEB 2+2 FUNGICIDE IS REGISTERED FOR USE ON THE FOLLOWING CROPS

Broccoli
 Brussels Sprouts
 Cauliflower
 Cabbage
 Chinese Cabbage (Tight headed)
 Cucumbers
 Endive
 Kale

Kohlrabi
 Lettuce (Head and Leaf)
 Melons
 Onion (Dry Bulb)
 Pumpkins
 Squash (Summer and Winter)
 Tomato

Broccoli, Brussels Sprouts, Cabbage, Chinese Cabbage (tightheaded only), Cauliflower, Kohlrabi

When applied in conjunction with good cultural management practices ALIETTE®/MANEB 2+2 will provide effective control of Downy Mildew caused by *Peronospora parasitica* and Alternaria Leaf Spot caused by *Alternaria* spp.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE®/MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Alternaria Leaf Spot (<i>Alternaria</i> spp.) Downy Mildew (<i>Peronospora parasitica</i>)	Foliar	4.0 / Acre	1	Apply ALIETTE®/MANEB 2+2 when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 7 days of harvest (PHI = 7 days).

Do not exceed 6 applications of ALIETTE®/MANEB 2+2 per season. A single additional application of 2-5 lbs per acre of ALIETTE® WDG or ALIETTE® WSP is allowed with a 3 day pre-harvest interval.

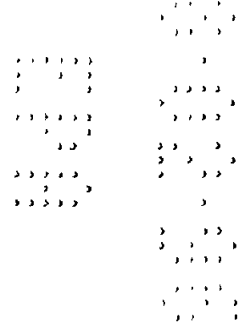
Do not apply by air in less than 10 GPA.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE®/MANEB 2+2 or if unbuffered ALIETTE®/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE®/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE®/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE®/MANEB 2+2).

Adjuvants which enhance pesticide penetration should not be used with ALIETTE®/MANEB 2+2.

Do not mix ALIETTE®/MANEB 2+2 with surfactants or foliar fertilizers.



Kale

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of Downy Mildew caused by *Peronospora parasitica* and Alternaria Leaf Spot caused by *Alternaria* spp.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Alternaria Leaf Spot (<i>Alternaria</i> spp.) Downy Mildew (<i>Peronospora parasitica</i>)	Foliar	4.0 / Acre	1	Apply ALIETTE [®] /MANEB 2+2 when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

- Do not apply within 10 days of harvest (PHI = 10 days).
- Do not exceed 2 applications per cutting.
- Do not exceed 7 applications per season.
- Do not apply by air in less than 10 GPA.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues. Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2). Adjuvants which enhance pesticide penetration should not be used with ALIETTE[®]/MANEB 2+2. Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Lettuce (Head and Leaf) and Endive

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Downy Mildew (<i>Bremia lactucae</i> ,)	Foliar	4.0 / Acre	1	Apply ALIETTE [®] /MANEB 2+2 when conditions favor disease development (e.g.: high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

- In the USA **except for California** do not apply within 10 days of harvest (PHI = 10 days).
- In California do not apply within 14 days of harvest (PHI = 14 days).
- In the USA **except for California** do not exceed 6 applications per season of ALIETTE[®]/MANEB 2+2. A single additional application of 2-5 lbs per acre of ALIETTE[®] WDG or ALIETTE[®] WSP is allowed up to 3 days before harvest.
- In California do not exceed 4 applications of ALIETTE[®]/MANEB 2+2. Three additional applications of 2-5 lbs per acre of ALIETTE[®] WDG or ALIETTE[®] WSP is allowed up to 3 days before harvest.
- Do not apply by air in less than 10 GPA.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues. Rhone-Poulenc has also determined that speckling can occur when ALIETTE[®]/MANEB 2+2 is applied to lettuce. To minimize the chances of speckling and phytotoxicity from solubilized copper do not tank-mix with copper fungicides. For all applications the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2). Adjuvants which enhance pesticide penetration should not be used with ALIETTE[®]/MANEB 2+2. Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Cucumbers

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Alternaria Leaf Spot <i>(Alternaria cucumerina.)</i> Angular Leaf Spot <i>(Pseudomonas lachrymans)</i> Anthracnose <i>(Colletotrichum lagenarium)</i> Downy Mildew <i>(Pseudoperonospora cubensis)</i> Pythium Fruit Rot <i>(Pythium aphanidermatum)</i>	Foliar	4.0 / Acre	1	Begin applications when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 5 days of harvest (PHI = 5 days).

Do not exceed seven applications per season.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2).

Adjuvants which enhance pesticide penetration should not be used with ALIETTE[®]/MANEB 2+2.

Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Melons (Cantaloupes, Casabas, Crenshaws, Honeydews, Watermelons)

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Alternaria Leaf Spot <i>(Alternaria cucumerina.)</i> Anthracnose <i>(Colletotrichum lagenarium)</i> Cercospora Leaf Spot <i>(Cercospora citrullina)</i> Gummy Stem Blight <i>(Mycosphaerella melonis)</i> Downy Mildew <i>(Pseudoperonospora cubensis)</i>	Foliar	4.0 / Acre	1	Begin applications when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 5 days of harvest (PHI = 5 days).

Do not exceed seven applications per season.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues. Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2).

Adjuvants which enhance pesticide penetration should not be used with ALIETTE[®]/MANEB 2+2.

Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Onions (Dry Bulb):

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Botrytis Leaf Blight (<i>Botrytis</i> spp.) Downy Mildew (<i>Peronospora destructor</i>) Neck Rot (<i>Botrytis</i> spp.) Purple Blotch (<i>Alternaria porri</i>)	Foliar	4.0 / Acre	1	For optimum results, ALIETTE [®] /MANEB 2+2 should be used in a preventive disease control program. Begin applications when conditions favor disease development (e.g. high humidity and cool evening temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue at a 7 day interval as needed.

RESTRICTIONS AND LIMITATIONS:

Do not apply within seven days of harvest (PHI = 7 days).

Do not apply to exposed bulbs.

Do not exceed 7 applications per crop season.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2).

Physical compatibility with ALIETTE[®]/MANEB 2+2 should be checked when mixing with soluble concentrate or "flowable" formulation pesticides such as Bravo[®] 720 and Rovral[®] 4F. Add the correct proportions of each product and water into a clear container, thoroughly mix and then let stand for 3-5 minutes. If the mixture remains in suspension or can be remixed readily, the products are considered compatible. Buffering as described in the previous paragraph may increase compatibility.

Do not tank mix ALIETTE[®]/MANEB 2+2 with acid type compatibility adjuvants or adjuvants which enhance pesticide penetration.

Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Pumpkins

When applied in conjunction with good cultural management practices ALIETTE[®]/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE [®] /MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Angular Leaf Spot (<i>Pseudomonas lachrymans</i>) Downy Mildew (<i>Pseudoperonospora cubensis</i>)	Foliar	4.0 / Acre	1	Begin applications when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 5 days of harvest (PHI = 5 days).

Do not exceed seven applications per season.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE[®]/MANEB 2+2 or if unbuffered ALIETTE[®]/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE[®]/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE[®]/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE[®]/MANEB 2+2).

Adjuvants which enhance pesticide penetration should not be used with ALIETTE[®]/MANEB 2+2.

Do not mix ALIETTE[®]/MANEB 2+2 with surfactants or foliar fertilizers.

Squash (Summer and Winter)

When applied in conjunction with good cultural management practices ALIETTE®/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE®/MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Anthracnose (<i>Colletotrichum lagenarium</i>) Downy Mildew (<i>Pseudoperonospora cubensis</i>)	Foliar	4.0 / Acre	1	Begin applications when conditions favor disease development (e.g., high moisture and moderate temperatures) (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Continue on a 7-10 day interval. Use a sufficient volume of water for good coverage.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 5 days of harvest (PHI = 5 days).
Do not exceed seven applications per season.

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE®/MANEB 2+2 or if unbuffered ALIETTE®/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE®/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE®/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE®/MANEB 2+2).

Adjuvants which enhance pesticide penetration should not be used with ALIETTE®/MANEB 2+2.

Do not mix ALIETTE®/MANEB 2+2 with surfactants or foliar fertilizers.

Tomato

When applied in conjunction with good cultural management practices ALIETTE®/MANEB 2+2 will provide effective control of the following diseases.

DISEASE	APPLICATION METHOD	RATE: LBS of ALIETTE®/MANEB 2+2	NUMBER OF TWIN PACKS REQUIRED	APPLICATION PROGRAM
Anthracnose (<i>Colletotrichum</i> spp.) Cladisporium Leaf Mold (<i>Fulvia fulva</i>) Damping Off (<i>Pythium</i> spp.) Early Blight (<i>Alternaria solani</i>) Gray Leaf Spot (<i>Stemphylium solani</i>) Late Blight (<i>Phytophthora infestans</i>) Root Rot (<i>Phytophthora</i> spp.) Septoria Leaf Spot (<i>Septoria lycopersici</i>)	Foliar	4.0 / Acre	1	Apply at the 2-4 leaf stage of growth for direct seeded tomatoes or immediately after transplanting to the field. Continue applications on a 7-10 day interval if conditions are favorable for disease development (Check with your Cooperative Extension Service if you are unsure about whether these conditions exist). Apply in a sufficient volume of water to wet the entire plant canopy.

RESTRICTIONS AND LIMITATIONS:

Do not apply within 14 days of harvest (PHI = 14 days).

East of the Mississippi do not exceed 40 lbs of ALIETTE®/MANEB 2+2 per acre per season.

West of the Mississippi do not exceed 16 lbs of ALIETTE®/MANEB 2+2 per acre per season.

Do not apply by air in less than 10 GPA.

The use of ALIETTE®/MANEB 2+2 on tomato is restricted to protect endangered fresh water mollusks and their habitat. The following is a list of the counties by state where the use of ALIETTE®/MANEB 2+2 on tomato is prohibited:

- | | |
|---|---|
| AL: Jackson, St. Clair | LA: Rapides |
| CA: Sonoma | MD: Caroline, Queen Anne's, St. Mary's, Talbot |
| IA: Louisa, Muscatine, Scott | MO: Butler, Jefferson, St. Louis |
| IL: Mercer, Rock Island, White, Whiteside | NC: Granville, Johnston |
| IN: Knox | OH: Williams |
| KY: Campbell, Green, Kenton, Wayne | TN: Cocke, Davidson, Grainger, Gundy, Hamilton, Knox, Meigs, Rhea, Sumner |

Note: Rhone-Poulenc has determined that phytotoxicity from solubilized copper may occur if products containing copper are tank-mixed with ALIETTE®/MANEB 2+2 or if unbuffered ALIETTE®/MANEB 2+2 is applied to foliage with copper residues.

Do not tank-mix with copper fungicides. When applied prior to or after copper fungicides, the pH of ALIETTE®/MANEB 2+2 should be raised to 6.0 or above with the addition of an alkaline buffer such as Potassium Carbonate (1.2 lbs Potassium Carbonate to 4 lbs ALIETTE®/MANEB 2+2) or DiAmmonium Phosphate (2 lbs DiAmmonium Phosphate to 4 lbs ALIETTE®/MANEB 2+2.)

Adjuvants which enhance pesticide penetration should not be used with ALIETTE®/MANEB 2+2.

LIMITED WARRANTY AND DISCLAIMER

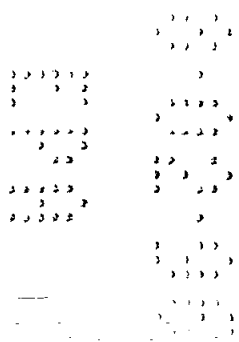
The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warning and other statements 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.

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P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
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