

**ENGLISH TEXT :**

1-Oct-03

(( CONTAINER LABEL ))

GROUP	<b>M</b>	FUNGICIDE
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# MANEB<sup>®</sup> 75DF

## FUNGICIDE

AGRICULTURAL

**GUARANTEE:**

MANEB.....75.0%%

**REGISTRATION NO. 25177**  
**PEST CONTROL PRODUCTS ACT**

**READ THE LABEL BEFORE USING**  
**CAUTION** **POISON**  
**CAUTION: EYE IRRITANT**

NET CONTENTS: \_\_\_\_\_

Notification Change

**~~Cerexagri, Inc.~~**  
**630 Freedom Business Center, Suite 402**  
**King of Prussia, PA 19406**

United Phosphorus Inc. (UPI)

**Made in Holland**

## **MANEB 75DF FUNGICIDE**

### **PRECAUTIONS KEEP OUT OF REACH OF CHILDREN**

May cause irritation of nose, throat, eyes and skin. Do not breathe spray mist. DO NOT re-enter treated areas within 24 hours. If required, individuals may re-enter treated areas within 24 hours for short-term tasks not involving hand labour if at least 4 hours has passed since application and long pants, long-sleeved shirt, hat and chemical-resistant gloves are worn.

For use in greenhouses, wear a chemical resistant rainsuit, chemical resistant gloves, rubber boots, goggles or a face shield and either a respirator with a NIOSH/MSHA/BHSE approved organic vapour-removing cartridge with a pre-filter approved for pesticides, or a NIOSH/MSHA/BHSE approved canister approved for pesticides during mixing, loading, application, clean up and repair activities. Ventilate prior to re-entry.

For all other registered uses, wear chemical resistant gloves, coveralls and goggles or face shield during mixing, loading, application, clean up and repair activities. In addition, wear an appropriate respirator when mixing and loading this product.

Remove contaminated clothing promptly and wash affected skin areas with soap and water. Thoroughly launder clothing before re-use. This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-886-375-4648 or the internet site [www.cropro.org](http://www.cropro.org).

**FIRST AID** - In case of skin contact, wash with soap and water. If in contact with eyes, flush with large amounts of water for at least 15 minutes. Consult a physician if irritation persists. If swallowed dilute with 2 glasses of water to drink and call a physician or poison control center IMMEDIATELY. Never give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION** - Treat as above for skin contact. If taken internally, administer gastric lavage.

### **STORAGE AND DISPOSAL**

Keep away from fire and sparks. Store in a cool, dry well ventilated place. Do not allow to become wet or overheated in storage; decomposition, impaired activity, or fire may result. Keep container closed when not in use. Pallets of containers should not be stacked more than 3 high. Provide access aisles for each 2 rows. Decomposition produces foul odor; if observed, check for hot containers and remove immediately to open areas for disposal. Do not contaminate food or feed by storage or disposal.

## **DISPOSAL**

1. Completely empty container and add to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the provincial Regulatory Agency or the manufacturer. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for the clean-up of spills.

**NOTICE TO USER** - This control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use a control product under unsafe conditions.

**NOTICE TO BUYER** - Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

<p><b>TRANSPORT EMERGENCY</b> USA: 1-800-424-9300 CHEMTREC Canada : 1-613-996-6666 CANUTEC</p>
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(( BOOKLET ))

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**DIRECTIONS FOR USE**

**DO NOT APPLY AERIALY**

**GENERAL INSTRUCTIONS**

Use Maneb 75DF at 1.15 to 3.45 kilograms per hectare except as noted below. Wash Maneb 75DF through the screen or sift slowly into spray tank when partially filled. Add insecticides or nutritional sprays and spreaders last. Maneb 75DF is compatible with most insecticides, and may be used with most miticides. In regular spray equipment, use 800 to 1000 liters per hectare for low growing crops. Use 1000 to 1500 liters per hectare for heavy tomato and potato vines. Maneb 75DF may be used in low volume or concentrate sprays by increasing the dosage accordingly, following local recommendations.

### **Resistance Management:**

For resistance management, please note that Maneb 75DF Fungicide contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to Maneb 75DF Fungicide and other Group M fungicides. A gradual and total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of Maneb 75DF Fungicide or other Group M fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact Cerexagri, Inc. at 1-800-438-6071 or at [www.cerexagri.com](http://www.cerexagri.com).

## **VEGETABLES**

**TOMATOES** - Early and late blight, Anthracnose, Septoria leaf spots, Cladosporium grey mold: Begin spraying when disease is first reported in area and repeat application at 7 to 10 day intervals or more often under severe late blight conditions. Use Maneb 75DF at the rate of 3.45 kilograms per hectare. Apply at least 1500 liters of water per hectare per application, when plants are full grown. Do not apply within 7 days of harvest. **DO NOT APPLY AERIALY.**

**POTATOES** - Early and late blight: Apply at 7 to 10 day intervals throughout the season. Begin application early, applying 1.15 kilograms Maneb 75DF per hectare and increasing to 1.85 and 2.4 kilograms per hectare as vines increase in size. Do not apply within 1 day of harvest. **DO NOT APPLY AERIALY.**

**CELERY** - Early and late blight: Begin spraying in the plant bed when plants first come through the ground. Make further applications at 3 to 5 day intervals until plants are set in field. Continue field application on regular weekly schedule. Do not apply within 14 days of harvest.

**CARROTS** - *Alternaria* leaf blight, *Cercospora* leaf spot: Begin applications when diseases are reported in the area and continue at 7-10 day intervals during the growing season, or as required for adequate control. Do not apply within 5 days of harvest.

**CUCUMBER, MUSKMELONS, PUMPKIN AND SQUASH** - Anthracnose, *Alternaria* and *Septoria* leaf spot, Downy Mildew: Start application in seedling stage repeating at weekly intervals or as necessary. Regular applications tend to suppress Powdery Mildew. Do not apply within 14 days of harvest.

**ONIONS (Dry Bulb Only)** - Downy Mildew, *Botrytis* leaf blight, Purple Blotch: Apply when diseases are reported in the area and continue at 7-10 day intervals during the season. Do not apply within 10 days of harvest.

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