



DuPont Crop Protection

**SPECIAL LOCAL NEED
24(C) LABELING**

**DuPont™ ManKocide®
Fungicide
FOR USE ON CARROTS
GROWN FOR SEED**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON

DuPont™ ManKocide® Fungicide

EPA Reg. No. 352-690
EPA SLN No. OR-080022

**FOR USE ON CARROTS GROWN FOR SEED
TO PREVENT BACTERIAL BLIGHT**

This label is valid until December 31, 2013, or until otherwise amended, withdrawn, canceled, or suspended.

ACTIVE INGREDIENTS	
Mancozeb, a coordination product of zinc ion and manganese ethylenebisdithiocarbamate.....	15.0%
in which the ingredients are	
Manganese.....	3.0%
Zinc.....	0.4%
Ethylenebisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄).....	11.6%
Copper Hydroxide (Metallic Copper Equivalent - 30%)	46.1%
INERT INGREDIENTS.....	38.9%
TOTAL	100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER - PELIGRO**

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not allow rinsate from cleaning of equipment or disposed material to enter surface or ground water.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This label and the federal label for this product must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on this supplemental label and the main EPA-registered label. 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.

Instructions for Control of Bacterial blight (*Xanthomonas campestris*)

Timing and Frequency of Application: Apply prior to conditions conducive to infection, such as precipitation, overhead irrigation, and frost and winds strong enough to create plant wounding via blown sand and dirt. Repeat applications on a 7-14 day interval depending on plant growth and disease pressure. Early treatment in the seedling-to-4 leaf stage may protect against early spread and establishment.

ManKocide is a protective material and should be applied prior to establishment of infections. ManKocide will not eradicate infections which are already established, but will provide partial protection from the establishment of new infections. Thus, its use even after disease is established may prevent or delay further disease development.

Application Rate and Directions: Apply 2.5 lbs product per acre. Dilution rate should be adequate to provide thorough coverage of all leaf and stem tissue. For optimal disease control, arrange nozzles and adjust gallage to ensure excellent cover-

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age of both sides of leaves and of stems. This product may be applied either as a dilute or concentrate spray using ground or aerial equipment. For a typical boom ground sprayer use approximately 25-50 gallons of water/acre, and 10-20 gallons per acre for aerial applications.

Add ManKocide slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate for aircraft sprayers. Continuous agitation is recommended to keep the product in suspension. If needed, adjuvants of the spreader, sticker, or compatibility agent type that are approved for use on growing crops may be used.

During aerial application, human flaggers must be in enclosed cabs.

PRECAUTIONS AND RESTRICTIONS

- ManKocide **should not be applied** in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of ManKocide resulting in possible phytotoxicity or loss of effectiveness.
- Pesticides may perform in an unpredictable manner when tank mixed especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, or the user has small scale direct experience, tank mixing should not be undertaken.
- **Do not** apply this product via chemigation.
- Mixing of this product with products containing diazinon, fosetyl-al or other aluminum containing products, or thio-phanate-methyl is not recommended because of physical incompatibility.
- It must be determined in the selection process if proper application equipment is available and if the waste associated with its use can be properly handled. Materials used in the construction of application equipment is also an important factor as pesticides are often reactive with soft metals such as aluminum and even some synthetic materials such as plastics, rubbers, etc. Therefore it is necessary when working with equipment containing these materials that they are thoroughly flushed with clean water after each days use.

Special Crop Use Restrictions

The pesticide applicator, the producer of the crop, and the seed conditioner must be aware that use of this product according to this labeling is deemed a nonfeed/non-food use by the Oregon Department of Agriculture, and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use On Crops Grown For Seed. If the applicator of this pesticide is not the producer, the applicator must provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate,

must provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to: green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057- 0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

“This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies.”

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IMPORTANT BEFORE USING MANKOCIDE®, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA-REGISTERED LABEL.

This bulletin contains new or supplemental instructions for use of this product which do not appear on the EPA-registered package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using this product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

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