



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

**Kocide® ManKocide®  
fungicide/bactericide  
FOR USE ON CARROTS  
GROWN FOR SEED**

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO

**Kocide® ManKocide® fungicide/bactericide**

EPA Reg. No. 91411-7  
EPA SLN No. ID-080012

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

This label is valid until December 31, 2024, or until otherwise amended, withdrawn, canceled, or suspended.

**PRECAUTIONS AND PPE REQUIREMENTS ON THE  
EPA-REGISTERED LABEL.**

<b>ACTIVE INGREDIENTS</b>	
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 <sub>4</sub> H <sub>6</sub> N <sub>2</sub> S <sub>4</sub> ).....	11.6%
Copper Hydroxide (CAS No. 20427-59-2) (Metallic Copper Equivalent - 30%) .....	46.1%
INERT INGREDIENTS.....	38.9%
TOTAL .....	100.0%

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.

**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.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - PELIGRO**

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.)

Apply ManKocide® 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.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**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 gallonage to ensure excellent coverage 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. Use at least 100 gallons per acre for traditional airblast sprayers, 25-50 gallons per acre for low

**IMPORTANT**

**BEFORE USING MANKOCIDE®, READ AND FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS, WORKER PROTECTION STANDARD REQUIREMENTS,**

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volume airblast sprayers, and 3-10 gallons per acre for aerial application. Rates of product per acre must be the same for dilute and concentrated sprays.

Add Kocide® ManKocide® fungicide/bactericide 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.

#### **PRECAUTIONS AND RESTRICTIONS**

- Do not apply more than 16.5 lb. ManKocide® per acre per season.
- If ManKocide® is applied in a spray solution having a pH of less than 6.5, 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 Kocide® ManKocide® fungicide/bactericide 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 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 thiophanate-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.
- Carrot seed may not be distributed for human consumption or animal feed. No portion of the carrot seed plant, including but not limited to green chop, hay, pellets, meal, whole seed, cracked seed, roots, bulbs, leaves and seed screenings may be used or distributed for food or feed purposes.

See EPA registered label for additional information.

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Read the Limitation of Warranty and Liability on the 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 product label.