



EPA REG. NO. 7969-4-AB

ACCEPTED

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JAN 22 1983
UNDER THE FEDERAL INSECTICIDE AND FUNGICIDE ACT AND RELATED ACTS FOR EXPORT ONLY

JAN 25 1983

BASF Maneb 80 WP

Fungicide For the control of certain plant diseases

A wettable powder containing:

Active Ingredient:

Maneb (Manganese ethylenebisdithiocarbamate) . . . . . 80%
(Manganese equivalent as metallic 16.5%)

Inert Ingredients: . . . . . 20%

CAUTION: KEEP OUT OF REACH OF CHILDREN. MAY BE ABSORBED THROUGH SKIN AND THROAT. Do not breathe dust or spray mist. In case of contact, flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. See side panel for additional precautionary statements.

50 lbs

Net contents

BASF Wyandotte Corporation - Parsippany, New Jersey 07054

Product origin Germany
GENERAL INFORMATION
BASF MANEB 80 WP is formulated as a wettable powder. It may be used for the control of a variety of important plant diseases. BASF MANEB 80 WP has good adhesion and wetting properties. It is compatible with most commonly used insecticides, phos- phorus esters, BHC, Lindane and carbaryl, most insecticides and wettable sulphur.
Unless otherwise stated, BASF MANEB 80 WP should be used at the rate of 1 1/2 lbs per 100 gallons of water. For most treatments apply 1 1/2 to 2 lbs in 100-125 gallons of water per acre.
BASF MANEB 80 WP may be used in low volume sprayers by increasing the concentration in proportion to the reduction in spray volume used per acre. However, do not apply more than 2 lbs per acre unless specific label directions so indicate and do not apply less than 5 gallons of spray mixture per acre. In case of severe disease incidence apply the higher concentration and shorten the intervals between sprays.
Although simple mixing of the fungicide with water is possible, it would be advisable to wash the required amount of product through the filter screen when the tank is being filled with water. For certain plants specify the addition of a spreader sticker such as CITOWETT PLUS spreader sticker is available. Sprayed products should be washed or stripped to remove residues before use.
BASF MANEB 80 WP may be used to prepare dust formulations by diluting and thoroughly mixing with the necessary quantity by weight of dust grade propylpyrite or other neutral diluents commonly used and thoroughly mixing. Do not use dust mixtures unless weight of diluent in preparing mixture use dust mixtures. Use dust mixtures as soon as possible after preparation.
BASF MANEB 80 WP is also available in 5 lb formulations from your local dealer. For more information, contact your local dealer.

DIRECTIONS FOR USE
VEGETABLES
Beans Downy mildew - Apply when disease threatens. Repeat sprays at 5-7 day intervals. Do not apply to string beans or lima beans within 4 days of harvest. Do not feed treated lima bean foliage or hay to livestock.
Cabbage Broccoli sprouts Cauliflower Kohlrabi and Brussels Sprouts Downy mildew and Alternaria leaf spot - Begin applications as soon as disease threatens and repeat at 7-10 day intervals in the field. Use at 3 day intervals in the bud. For cabbage sprouts apply within 7 days of harvest. For broccoli - Repeat applications by either spraying or hand spraying application as made within 7 days of harvest.
Carrots Leaf blight Cercospora and leaf spot - Begin application when disease threatens the crop. Repeat applications every 7-10 days.
Celery Early blight Cercospora and late blight - In plant beds apply immediately and in plants that come through the ground repeat applications at 3-5 day intervals. In the field apply after plants are fully established. Further applications should be made at 7-10 day intervals. Rain or irrigation may reduce the effectiveness of spraying. Do not apply within 14 days of harvest.

Cucumbers Downy mildew and Anthracnose - Watermelons Cantaloupes and Squash Downy mildew Anthracnose Cercospora and leaf spot - Start application when plants begin to turn or when disease threatens. Repeat sprays when needed at 7-10 day intervals. Direct sprays to undersides of leaves. Under severe conditions shorten intervals to 3-5 days. Do not apply within 5 days of harvest.
Eggplant Downy mildew - Apply at least 150 gallons of spray solution per acre. Start spraying when disease threatens. Continue at intervals of 7-10 days. Residue should be removed from leaf surface by stripping and washing and from leaf surface and under by washing or other effective means. Do not apply within 10 days of harvest.
Gourds Downy mildew and Purple blotch - Apply when disease has been reported in the area. Repeat at weekly intervals if needed. Add 4 fl. oz. spreader sticker such as CITOWETT PLUS per 100 gallons of water.
Potatoes Early and late blight - Use 1.2 lbs per acre. Apply as soon as plants are 2-4 inches high. Repeat sprays at intervals of 7-10 days throughout the growing season. As potato vines increase in size or under severe disease conditions use the shorter time intervals or apply the higher dosage.
Potatoes Seed pieces - For the control of Fusarium seed piece rot - Dip entire or cut seed pieces in a solution made using 1 lb BASF MANEB 80 WP in 10 gallons of water or dust with a formulation containing 5-6% active ingredient using 1 lb of dust per 100 lbs of cut seed pieces. A suitable dust can be prepared by diluting and thoroughly mixing 1 part by weight of BASF MANEB 80 WP with 9-12 parts by weight of dust grade dry propylpyrite or other neutral inert diluent. After treatment place seed pieces in clean disease free containers and plant as soon as possible. Hold in cool place at proper humidity if use is delayed for a short time. When using dips, change dipping solution frequently, but at least when 1% of the original volume has been used. If potatoes are dirty when dipped, more frequent changes are recommended. Do not use treated seed pieces for food or feed.
Spinach Downy mildew and white rust - Start treatments when first signs of disease appear. Repeat at 7-10 day intervals or as required for adequate control. Do not apply later than 10 days before harvest. Remove excess residues by washing.
Tomatoes Early blight Late blight Septoria leaf spot and Anthracnose (Gummy stem blight) when disease is first reported in the area or when fruit cracks are well formed. Repeat applications every 7-10 days. To avoid damage to fruit when tender young seedlings in ground, in圃, first 3-4 with BASF MANEB 80 WP will develop heavy foliage which may increase humidity of air to enable good coverage. When Anthracnose is a severe problem apply 2 lbs per acre. Do not apply within 5 days of harvest.

FIELD CROPS
Sugar Beets Cercospora leaf spot - Apply 2 lbs BASF MANEB 80 WP per acre. The addition of CITOWETT PLUS is advisable. Do not apply within 14 days of harvest.
Wheat - Apply 2 lbs per acre. Do not apply within 14 days of harvest.

Sweet Corn Helminthosporium leaf blight - Begin applications when disease threatens. Repeat at 4-7 day intervals until harvest. Do not feed forage to livestock.
FRUITS
Grapes Fruit rot - Apply 3 lbs of BASF MANEB 80 WP per 100 gallons of water. Begin at mid bloom and repeat at 10-14 day intervals for 3 applications. Do not apply later than 4 weeks after mid bloom.
Peaches and Nectarines Shot hole (Coryneum blight) peach leaf curl - Apply in dormant applications for following suggestions of State Agricultural Experiment Station or State Extension Service Authorities. For brown rot blossom blight apply at pink bud and up to 75% full bloom (in certain areas add a petal fall spray). Use 1 1/2 to 2 lbs of BASF MANEB 80 WP per 100 gallons of water (8-8 lbs per acre). For fruit brown rot apply 2 lbs per 100 gallons of spray (about 10 lbs per acre) 4 weeks before harvest or earlier if rot is found on green fruit. Repeat at 7-14 day intervals as needed.
Treeberries Do not apply BASF MANEB 80 WP later than 2 days before harvest. If applied within 14 days of harvest remove residues by brushing.
Mecanisms Do not apply within 14 days of harvest. Add 4 fl. oz. of spreader sticker such as CITOWETT PLUS to every 100 gallons of spray.
PRECAUTIONS
DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME!
Store in a cool and dry place. Moisture leads to certain chemical changes reducing the effectiveness of BASF MANEB 80 WP as a fungicide and generating flammable vapors. Do not store partially used containers. Empty containers should be disposed of promptly.
ENVIRONMENTAL PROTECTION
This product is toxic to fish.
Keep out of lakes, streams, and rivers.
Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.
Do not contaminate water, soil, or equipment, or disposal of wastes.
Apply this product only as directed on the label.
WARRANTY AND DISCLAIMER
Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, stands in the use of this product. Consult the label instructions or under abnormal conditions or use, and the seller reasonably should be better and buyer assumes the risk of any such use. The liability of the seller or buyer and the terms of liability of BASF Wyandotte Corporation is the purchase price paid for the quantity of product involved.
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