



# ® 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.**

**Net contents 50 lbs**

**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 adhesive and wetting properties. It is compatible with most commonly used insecticides (phosphorous esters, BHC, Lindane and carbaryl), most miticides, 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 overall treatment apply 1 1/2 to 2 lbs. in 100-125 gallons of water per acre.

**Cucumbers:** Downy mildew and Anthracnose - **Watermelons, Cantaloupes, and Squash:** Downy mildew, Anthracnose, Cercospora, and leaf spot - Start applications when plants begin to run or when disease threatens. Repeat sprays when needed at 7-10 day intervals. Direct sprays to underside of leaves. Under severe conditions shorten intervals to 3-5 days. Do not apply within 5 days of harvest.

**Endive and Lettuce:** Downy mildew. Apply at least 150 gallons of spray solution per acre. Start spraying when disease appears. Continue at intervals of 7-10 days. Residues should be removed from head lettuce by stripping and trimming, and from leaf lettuce and endive by washing or other effective means.

**Sweet Corn:** Helminthosporium leaf blight. Begin applications when disease threatens, repeat at 7 day intervals until harvest. Do not feed forage to livestock.

**FRUITS**

**Cranberries:** Fruit rots. - 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 following suggestions of State Agricultural Experiment Station or State Extension Service Authorities. For brown rot blossom blight apply at pink bud and up to

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Unless otherwise stated BASF MANEB 80 WP should be used at the rate of 1 1/2 lbs. per 100 gallons of water. For overall treatment 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 spraying, 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 interval 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 filler screen while the tank is being filled with water. For certain plant species the addition of a spreader-sticker such as CITOWETT<sup>®</sup> PLUS spreader-sticker is advisable. 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-pyrophyllite or other neutral diluents commonly used and registered insecticides may displace an equivalent weight of diluent in preparing multiple-use dust mixtures. Use dust mixtures as soon as possible after preparation.

BASF MANEB 80 WP is also available in dust formulations from your local supplier.

**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 forage or hay to livestock.

**Cabbage, Brussels sprouts, Cauliflower, Kohlrabi, and Broccoli:** 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 plant beds. For cabbage do not apply within 7 days of harvest. For broccoli - Remove residues by washing or trimming if application is made within 3 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 when plants first 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-day intervals. Remove residues by stripping, trimming, and washing. 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 applications when plants begin to run or when disease threatens. Repeat sprays when needed at 7-10 day intervals. Direct sprays to underside of leaves. Under severe conditions shorten intervals to 3-5 days. Do not apply within 5 days of harvest.

**Endive and Lettuce:** Downy mildew - Apply at least 150 gallons of spray solution per acre. Start spraying when disease appears. Continue at intervals of 7-10 days. Residues should be removed from head lettuce by stripping and trimming, and from leaf lettuce and endive by washing or other effective means. Do not apply within 10 days of harvest.

**Onions:** 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 2-6 inches high, repeating 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 interval or apply the higher dosage.

**Potatoes (Seed Pieces):** For the control of fusarium seed piece decay - Dip whole 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 6-8% 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 pyrophyllite or other neutral inert diluent. After treatment place seed pieces in clean, disease-free containers and plant as soon as possible. Hold in a cool place at proper humidity if use is delayed for a short time. When using dips, change dipping solution frequently but at least when 2/3 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 - Begin spraying when disease is first reported in the area, or when fruit clusters are well formed, repeating applications every 7-10 days. To avoid damage do not use on tender young seedlings in greenhouse. Plants treated with BASF MANEB 80 WP will develop heavy foliage, requiring increasing amounts of water to ensure good coverage. Where Anthracnose is a severe problem apply 3 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. Start spraying in late July or early August (or when disease threatens) and repeat at 7-10 day intervals for at least 3-5 applications. 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**

**Cranberries:** Fruit rots - 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 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 (6-8 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.

**Peaches:** Do not apply BASF MANEB 80 WP later than 2 days before harvest. If applied within 14 days of harvest, remove residues by brushing.

**Nectarines:** Do not apply within 14 days of harvest. Add 4 fl. oz. of a 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 ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this 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, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. The exclusive remedy of user or buyer and the limit of liability of BASF Wyandotte Corporation is the purchase price paid for the quantity of product involved.

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