

# Mancozeb Flowable

with Zinc

*C·o·n·c·e·n·t·r·a·t·e*

**ACTIVE INGREDIENTS:**

**MANCOZEB**

A coordination product of zinc ion and manganese ethylene bisdithiocarbamate . . . . . 37.0%\*  
In which the ingredients are:  
Manganese ++ . . . . . 7.4%  
Zinc ++ . . . . . 0.9%  
Ethylene bisdithiocarbamate ion (C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S<sub>4</sub>) . . . . . 28.7%  
**INERT INGREDIENTS:** . . . . . 63.0%\*  
Total . . . . . 100.0%\*

\*Equivalent to 4 lbs. active ingredient per gallon.  
EPA Est. No. 4-NY-1 EPA Reg. No. 707-156-4

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

(See Back Panel for Additional Precautionary Information)

TRUSTED SINCE 1926

**BONIDE**<sup>®</sup>



A broad spectrum fungicide for use on grapes, tomatoes, potatoes and other listed vegetables. For control of Anthracnose, Botrytis, Blights, Downy Mildew and other listed diseases.

Trusted since 1926  
**BONIDE PRODUCTS, INC.**

**Complete directions for use have been removed!**

**KEEP OUT OF REACH OF CHILDREN**

Dispose of properly

Buyers Guarantee limited to label claims

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

Questions, Concerns or Comments?

Write to

**BONIDE PRODUCTS, INC.**

Consumer Services

6301 Sutliff Road

Oriskany, NY 13424

Lift & Peel Here →

**MANCOZEB FLOWABLE with ZINC  
Concentrate**

**CONTROLS:** cercospora, leaf spot, rust, gummy stem blight, downy mildew, early and late blight, Black spot . . .  
**USE** on asparagus, cucumbers, tomatoes, azalea, begonia, geranium, rose . . . **MIX** 2 to 5 tsp. per gallon of water. **MIXTURE RATIOS VARY. READ AND USE ACCORDING TO LABEL DIRECTIONS . . . APPLY** using hose-end, tank sprayer or watering can.

Store and transport in an upright position.

EPA Est. No. 4-NY-1 EPA Reg. No. 707-156-4

Buyers Guarantee Limited to Label Claims.

Manufactured for  
**BONIDE PRODUCTS, INC.**  
Oriskany, NY 13424

**DIRECTIONS FOR USE**

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

BONIDE MANCOZEB WITH ZINC is a fungicide product made with the same ingredients used to protect agricultural crops. Mix with water as described, and apply thoroughly with a sprayer to the plants listed. As a general rule, use the lower rates when plants are small, and the higher rates when plant foliage is well developed or disease condition is severe.

**SHAKE WELL.**

**ASPARAGUS**

Controls Cercospora leaf spot, Rust-Mix 4 tsp. per gal. Start applications when rust first appears and repeat at 10 day intervals. Four applications are usually sufficient. Apply only on asparagus ferns after spears have been harvested. Do not apply within 120 days of harvest in California and Arizona or within 180 days in all other states.

**CORN (SWEET AND POPCORN)**

Controls Common rust, Helminthosporium leaf blight-Mix 3 tsp. per gal. Use sufficient water for thorough coverage. Start applications when disease first appears and repeat at 4 to 7 day intervals. Do not apply within 7 days of harvest. Do not feed treated forage to livestock.

**CUCUMBERS**

Controls Anthracnose, Cercospora leaf spot, Downy mildew, Gummy stem blight, Scab-Mix 4 to 5 tsp. per gal. Start applications when plants are in the

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two-leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. Do not apply within 5 days of harvest.

**MELONS (CANTALOUPE, CASABA, CRENSHAW, HONEYDEW, MUSKMELON)**

Controls Alternaria leaf spot, Anthracnose, Downy mildew, Gummy stem blight-Mix 4 to 5 tsp. per gal. Start applications when plants are in the two-leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. Do not apply within 5 days of harvest.

**ONIONS (DRY BULB)**

Controls Botrytis leaf blight, Downy mildew, Neck rot, Purple blotch-Mix 5 tsp. per gal. Follow a protective spray schedule starting when diseases are first reported in the area and repeat at 7 day intervals throughout the season. Do not allow spray or drift to contact bulbs after lifting from soil. Do not apply within 7 days of harvest. Do not apply to exposed bulbs.

**POTATOES**

Controls Early blight, Late blight-Mix 2 to 4 tsp. per gal. Begin applications when plants when plants are 4 to 6 inches high. Repeat applications at 5 to 10 day intervals. It is recommended that this product be used within an Integrated Pest Management Program. Also, vine-kill should occur 14 days before harvest. Do not apply within 3 days of harvest in CT, FL, MA, ME, NH, NY, PA, VT, and WI, and at least 14 days elsewhere.

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**SQUASH (SUMMER)**

Controls Downy mildew-Mix 4 to 5 tsp. per gal. Start applications when plants are in the two-leaf stage and repeat at 7 to 10 day intervals. Use sufficient water and direct spray to provide thorough coverage of both upper and lower leaf surfaces. Do not apply within 5 days of harvest.

**TOMATOES**

Controls Anthracnose, Early blight, Gray leaf spot, Late blight, Leaf mold, Septoria leaf spot-Mix 3 to 5 tsp. per gal. Start applications when seedlings emerge or transplants are set and repeat at 7 to 10 day intervals throughout the season. Do not apply within 5 days of harvest.

**GRAPES**

Controls Black rot, Bunch rot, Deadarm, Downy mildew-Mix 3 to 4 tsp. per gal. Apply in sufficient water to provide thorough coverage starting when new shoots are 1/2 to 1 1/2 inches long. Repeat when shoots are 3 to 5 inches long, when shoots are 8 to 10 inches long, and then at 7 to 10 day intervals until fruit is set or 66 days before harvest. For late season control of black rot, deadarm and downy mildew, the use of other approved and recommended fungicides is suggested. In California, do not apply after bloom. In other areas, do not apply within 66 days of harvest.

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### ORNAMENTALS

Begin spraying when plants are well leafed out or at first sign of disease, in a full coverage spray at 7 to 10 day intervals throughout the season or follow State Extension Service recommendations. Do not use for food or feed purposes.

**Application rate:** 3 tsp. per gallon

#### Azaleas

Controls Cylindrocladium rot, Petal blight, Phytophthora twig and bud blight. For Azalea apply in a full coverage spray, 2 to 3 times a week, while flowers are opening. Direct spray into flowers and thoroughly spray ground under bushes.

#### Begonia

Controls Botrytis blight.

#### Chrysanthemum

Controls Ascochyta blight, Botrytis petal spot, Rust. Apply twice weekly during blooming period.

#### Geranium

Controls Rust.

#### Lily

Controls Botrytis blight.

#### Peony

Controls Botrytis blossom blight, Phytophthora blight. For peonies apply in early spring and early fall, drenching soil around plants as well as the foliage. Promptly destroy all infected plant parts.

#### Rhododendron

Controls Cercospora leaf spot, Discosia leaf spot, Petal blight. Apply in a full coverage spray, 2 to 3 times a week, while flowers are opening. Direct spray into flowers and thoroughly spray ground under bushes.

#### Rose

Controls Black spot, Cercospora leaf spot, Rust.

#### Zinnia

Controls Alternaria leaf blight.

### STORAGE AND DISPOSAL

**STORAGE:** Keep from freezing. Store in an upright position. Store in a cool, well ventilated area, but not below 32°F. Do not allow to become overheated in storage. This may bring on chemical changes which will impair the fungicidal effectiveness. Keep container closed when not in use.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Wrap container in several layers of paper and discard in trash.

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FIRST AID	
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-215-592-3000 day or night, for emergency treatment information.	

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION
May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Home gardeners applying this product must wear long-sleeved shirt, long pants, shoes plus socks, and chemical-resistant gloves. The gloves must be washed thoroughly with soap and water before removing. Clothes must be changed immediately after using this EBDC product and must be laundered separately from other laundry items before reuse.
ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or disposing of wastes.

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