

MANCOZEB

FLOWABLE with Zinc

Concentrate T



Fungicide

Early blight, Late blight

ACTIVE INGREDIENTS:

MANCOZEB+: A coordination product of zinc ion and manganese ethylene bisdithiocarbamate........ 37.0% In which the ingredients are:

Manganese++..... Ethylene bisdithiocarbamate

ion (C₄H₆N₂S₄)..... OTHER INGREDIENTS:

TOTAL: †Equivalent to 4 lbs. active ingredient per gallon.



lee Back Panel for Additional recautionary Statements)

Net Contents 8 OZ. (.23 kg)



MANCOZEB FLOWABLE with 7 inc

SHAKE WELL BEFORE USE: Grasp container by handle and mix contents with a twisting motion followed by inverting. Repeat this action 5 to 10 times to ensure product is completely resuspended.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear:

long-sleeved shirt

- long-sleeved sh
- · long pants
- chemical-resistant gloves made of any waterproof material (except pilots, groundboom applicators, airblast applicators and seed-treatment handlers who are bagging treated seed or sewing bags containing treated seed)

shoes and socks

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/ maintaining PDE I fin such instructions for weahables exist, use detergent and hot water. Keep and wash PPE separately from other laundby. Discard dolbing and other absorbent materials that have been direnched or heavily contaminated with this products concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum,

using tobacco or using the toilet

 Remove clothing/PPE immediately if pesticide get inside, then wash thoroughly and put on dean olbhing.
 Remove PPE immediately after handling this product Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms. Drift and nunoff from treated areas may be hexardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the high water mark. Do not contaminate water when clearning equipment or disposing of equipment washwaters or inseate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

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 reoulation.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Seed treatments and professional applications to golf courses, industrial (office park), and municipal lawns are not within the scope of the Worker Protection Standard.

Keep unprotected persons out of treated area until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Keep from freezing. 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 that will impair the fungicidal effectiveness of this product. Keep container closed when ont 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.

STORAGE AND DISPOSAL (cont.)

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

PRODUCT USE INFORMATION

This product is a broad-spectrum protectant fungicide labeled for outdoor crops, and ommental uses or greenhouse grown omamentals. Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program. The actition of an agricultural surfactant will improve fungicide performance by providing a more uniform spray deposit, increased foliar redistribution, and improved fungicide reterrition duming periods of wet weather.

SHAKE WELL' BEFORE USE: Grasp container by handle and mix contents with a twisting motion followed by inverting. Repeat this action 5 to 10 times to ensure product is completely resuspended.

USE RATE DETERMINATION

Carefully read, understand, and follow label use rates and restrictions. Under low disease conditions, minimum label rates per application can be used while maximum label rates and the minimum interval may be used for severe or threatening disease conditions.

ORNAMENTAL APPLICATIONS

When treating ornamentals, determine the required fungicide use rate and the spray gallonage required to provide thorough coverage. Careful calibration of spray equipment is recommended prior to use. Prepare only the amount of spray solution to treat the desired area.

RESTRICTIONS

Users must carefully read, understand, and follow all use restrictions prior to using this product.

Foliar Applications
Where EBDC Products Used Allow the Same
Maximum Poundage of Active Ingredient Per Azer
Per Season: If more than one product orinaining an
EBDC active ingredient (manet), manozeh, or metiran),
sused on a corp during the same growing season and
the EBDC products used allow the same maximum
oundage of active ingredient per acre per season, then
the total poundage of all such EBDC products used
must not exceed any one of the specified individual
EBDC product maximum seasonal poundage of active
inordient allowed per acre.

Where EBDC Products Used Allow Different Maximum Poundage of Active Ingredient Per Acre Per Season: If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, then the lotal poundage of all such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal poundage of active incredient allowed oper acre.

POME FRUITS

Use either the Pre-Bloom/Bloom Use ore Extended Application schedule. Do not combine or

			atment schedules. It ement Program (IPM)		nis product be used in an
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
D	crabapples	fabrea leaf spot, rusts, scab	4.8 (3.5 fl oz/1,000 ft²)	applications at 1/4 to 1/2 inch green tip and continue on a 7-10 day schedule through bloom.	Do not apply more than 4.8 qt (4.8 lb mancozeb) per acre per application. Do not apply after bloom. Do not apply after bloom. Do not apply more than 19.2 qt (19.2 lb mancozeb) per acre per year. (14 fl oz/1,000 lt².) Do not graze

treated areas.

	_	_	POME F	RUITS (cont)	
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
7	apples crabapples pears quince (cont.)		2.4 (1.69 fl oz/1,000 ft²)	Extended Application Schedule for Use in Tank Mixtures with systemic fungicides: For implementation of IPM programs, applications based on tee-row volume, or for use as a resistance management tool. Apply after petal fall.	Do not apply more than 2.4 of (2.4 lb mancozeb) per acre per application. Do not apply within 77 days of narvest. Do not apply more than 16.8 of (16.8 lb mancozeb) per acre per year. (12.3 fl oz/1,000ft².)

			POME F	RUITS (cont)	
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
∞	apples crabapples pears quince (cont.)	Fire Blight	2.4 (1.69 fl oz/1,000 ft²)	The additional of this Product to copper fungicides will suppress the disease incidence in orchards where fire blight (Erwinia amylovora) has become resistant to streptomycin. Use the full label rate of copper and follow the application instructions on the copper fungicide label.	Do not graze livestock in treated areas. Maximum number of applications on pomes per season is 4. (12.3 fl oz/1,000ft².

			_	FRUITS	
	Crop	Diseases Controlled	per Application	Application Directions (Also Refer to Directions for Use)	Restrictions
9		black rot bunch rot phomopsis downy mildew	West of the Rocky Mountains (0.88 to 1.6 fl oz/ 1,000 ft²) 1.2 to 3.2 East of the Rocky Mountains (0.88 to 2.35 fl oz/	starting when new shoots are ½ to 1½ 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	do not apply moré than 6 qt (6 lb mancozeb) per acre per

		v	EGETABLES	
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
	cercospora leaf spot rust	1.6 (1.17 fl oz/ 1,000 ft².)	and repeat at 10-day intervals.	Apply only on asparagus ferns after spears have been harvested. Do not apply more than 6.4 qt (6.4 lb mancozet) per acre per seaon. (4.7 fl oz/1,000 ft²) Do not apply within 120 days of harvest in California and Arizona, or within 180 days in all other states. Maximum number of applications per season is 4.

	_	_	VEGETA	BLES (cont)	
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
1	corn (sweet com for fresh use processing; popcom; and sweet corn for seed production, including hybrid seed)	common rust helminthosporium leaf blight	1.2 (0.88 fl oz/ 1,000 ft².)	for thorough coverage. Start applications when disease first appears and repeat at 4 to 7 day intervals. The	Do not apply within 7 days of harvest. East of the Mississippi River, Arkarsas and Louisiana, do not apply more than 18 qt 18 lb manozaeb) per acre per crop. East of the Mississippi River, Arkarsas and Louisiana, the maximum number of applications per season is 15.

		VEG	ETABLES (cont)	
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
corn (cont)				West of the Mississippi River, (except Arkansas and Louisiana), do not apply more than 6 qt (fo lib manozaeb) per acre per crop. West of the Mississippi River, (except Arkansas and Louisiana), the maximum number of applications per season is 5. Do not feed treated forage to livestock.

_	_	- VEGE	TABLES (cont)	
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
cucumber	anthracnose cercospora leaf spot, downy mildew, gummy stem, blight, micro- dochium blight scab	1.6 to 2.4 (1.17 to 1.76 fl oz/ 1,000 ft ² .)	Start applications when plants are in the two-leaf stage and repeat at 7-10 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. Do not apply more than 19.2 qt (19.2 lb mancozeb) per acre per crop. Maximum number of applications per season is 8.

	_	_	VEGET	ABLES (cont)	
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
Ź	honeydew	alternaria leaf spot, anthracnose, downy mildew, gummy stem blight, micro- dochium blight [†]		Use sufficient water and direct	days of harvest. Do not apply more

	_		VEGET	ABLES (cont)	
	Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
15	onions (dry bulb) garlic shallots	botrytis leaf blight, downy mildew, neck rot, purple blotch, rust	2.4 (1.76 fl oz/ 1,000 ff°.)	Follow a protective spray schedule starting when diseases are first reported in the area and repeat at 7-day intervals throughout the season. The addition of a Latron sourfactant to spray solutions will improve performance. Do not allow spray or drift to contact bulbs after lifting from soil.	Do not apply within 7 days of harvest. Do not apply more than 24 qt (24 lb mancozeb) per acre per crop. Do not apply to exposed bulbs.

			VEGETABLES (cont)	
Crop	Diseases Controlled	per Application	Application Directions (Also Refer to Directions for Use)	Restrictions
potatoes	early blight late blight	fl oz/ 1,000 ft².)	0.4 to 0.8 qt/acre. As the vines increase in size, apply 1.2 to 1.6 qt/acre at 5- to 10-day intervals or 0.6 to 0.8 qt/acre at 3- to 5-day intervals. The addition of a Latron surfactant to spray solutions will improve performance. It is recommended that this product	Do not apply more than 11.2 gf (11.2 lb mancozeb) per acre per crop. Do not apply within 3 days of harvest in Connecticut, Delaware, Florida, Maine Massachusetts, Michigan, New Hampshire, New York, Ohio, Pennsylvania, Rhode Island, Vermont and Wisconsin and at least 14 days elsewhere.

_	_	GETABLES (cont)		
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
squash summer	anthracnose downy mildew, microdochium blight	1.6 to 2.4 (1.17 to 1.76 fl oz/ 1,000 ft².)	Start applications when plants are in 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. Do not apply more than 19.2 qt (19.2 lb mancozeb) per acre per crop. The maximum number of applications per season is 8.

VEGETABLES (cont)					
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions	
	anthracnose, early blight, gray leaf spot, late blight, leaf mold, septoria leaf spot	1.2 to 1.6 West of the Mississippi River (0.88 to 1.17 fl oz/ 1,000 ft².)	throughout the season. The addition of a Latron surfactant to spray solutions will improve	within 5 days of harvest. West of the Mississippi River, do not apply more than 6.4 qt (6.4 lb mancozeb) peracre per crop. East of the Mississippi River, do not apply	
	bacterial speck and spot	East of the Mississippi River			

		VEG	SETABLES (cont)	
Crop	Diseases Controlled	Product Rates per Application (qt/acre)	Application Directions (Also Refer to Directions for Use)	Restrictions
water- melons	alternaria leaf spot, anthracnose, cercospora leaf spot, downy mildew, gummy stem blight, microdochium blight ^T scab	1.6 to 2.4 1.17 to 1.76 fl oz/ 1,000 ft².	Start applications when plants are in 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. Do not apply more than 19.2 qt (19.2 lb mancozeb) per acre per crop. The maximum number of applications pe season is 8.

Restrictions:

- Cut flowers and greenhouse grown ornaments;
 Limit to 20 applications per year
 - Do not use for food or feed purposes
 - Not for use in residential greenhouses
- Intended for use only by professional applicators.

Neither the manufacturer not the seller has determined the effects of using this product on ornamentals not specified on this label. Prior to any large-scale applications on such plants, the user should determine the effects of the product by testing a small section of the type of plants treated. The Conditions of Sale and Warranty apply to all uses.

For outdoor or greenhouse use, apply the equivalent (0.88 fl. ozs per 1 gal.) (0.88 fl. oz per 1,000 ft²). The addition of Latron B-1956 to spray solutions will improve performance.

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 season.

	OF	RNAMENTALS (cont)
Crop		Crop Specific Instructions
azalea	cylindrocladium rot petal blight phytopthora twig and bud blight	Apply in a full coverage spray 2-3 times a week while flowers are opening. Direct spray into flowers and thoroughly spray ground under bushes.
begonia	botrytis blight	
chrysanthemum	ascochyta blight botrytis petal spot rust	Apply twice weekly during blooming period.
geranium	rust	

ORNAMENTALS (cont)							
	Crop	Diseases Controlled	Crop Specific Instructions				
	lily	botrytis blight					
	peony	botrytis blossom blight phytophthora blight	Apply in early spring and early fall, drenching soil around plants as well as the foliage. Promptly destroy all infected plant parts.				
	rhododendron	cersisoira 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 around under bushes.				
	rose	black spot cercospora leaf spot rust					
	zinnia	alternaria leaf blight					

TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. To the extent permitted by law, otherwise, use by the buyer or any other use constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

WARRANTY DISCLAIMER

Bonide warrants that this product conforms to the chemical description on the label and is reasonably for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT PERMITTED BY LAW, BONIDE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.) abnormatic conditions (such as excessive rainfall, drought, tomadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Bonide or the seller. To the extert permitted by law, all such risks shall be assumed by buyer.

To the extend permitted by law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Bonides' election, one of the following:

- Refund of purchase price by buyer or user for product bought, or
- 2. Replacement of amount of product used.

To the extent permitted by law, Bonide shall not be liable for losses or damages resulting from handling or use of this product unless Bonide is promptly notified or such loss or damage in writing. To the extend permitted by law, in no case shall Bonide be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agenda of Bonide or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitation of Remedies in any manner.