

ACCEPTED  
FOR REGISTRATION

November 1, 2018

New York State Department  
of Environmental Conservation  
Division of Materials Management  
Pesticide Product Registration

Classified for  
"RESTRICTED USE"  
in New York State  
under 6NYCRR Part 326

DOC ID 559391

MANCOZEB	GROUP	M3	FUNGICIDE
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Dow AgroSciences

# Fore<sup>®</sup> 80WP Rainshield<sup>®</sup>

## SPECIALTY FUNGICIDE

### Product in Water-Soluble Packets

#### Active Ingredients

Mancozeb: A coordination product of zinc ion and manganese ethylene bisdithiocarbamate.....	80.0%
In which the ingredients are:	
Manganese <sup>++</sup> .....	16.00%
Zinc <sup>++</sup> .....	2.00%
Ethylene bisdithiocarbamate ion (C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> S <sub>4</sub> ).....	62.00%
Other Ingredients.....	20.0%
Total.....	100.0%

**Keep Out of Reach of Children**  
**CAUTION**

**Refer to inside of label booklet for additional precautionary information including Directions for Use.**

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

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-388

00187717 1807

### MADE IN COLOMBIA

<sup>®</sup>Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

Produced for  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268



### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

**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.**

### **First Aid**

**If in eyes:** 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. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-992-5994 day or night, for emergency treatment information.

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## **Precautionary Statements**

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### **Hazards to Humans and Domestic Animals**

# **CAUTION**

**Harmful If Absorbed Through The Skin • Causes Moderate Eye Irritation • Avoid contact with skin, eyes or clothing • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals**

## Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are butyl rubber and neoprene rubber.

### Mixers, loaders, applicators and all other handlers must wear:

- Long-sleeved shirt
- Long pants
- Shoes and socks
- Chemical resistant gloves (except for pilots)

### In addition, all handlers (except pilots, groundboom applicators, and airblast applicators) must wear:

- Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N<sup>1</sup>, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with a HE filter.

See engineering controls for additional requirements.

## User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

## Engineering Controls

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves. When reduced PPE is

worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

### **User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- 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 runoff from treated areas may be hazardous 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 mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

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### **Directions for Use**

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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 regulation.

### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls
- Shoes and socks
- Chemical-resistant gloves

### **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.

Applications on golf courses or around municipal or industrial (office park) buildings and to ornamentals not grown for resale 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.

**Storage:** Keep away from fire and sparks. Do not allow this product to become wet or overheated in storage: decomposition, impaired activity, or fire may result. Keep container closed when not in use. Decomposition produces a foul odor; if observed, check for hot containers and immediately remove to open areas for disposal.

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

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## Product Information

Fore® 80WP Rainshield® specialty fungicide is a unique and different broad-spectrum protectant fungicide that, when used according to label directions, provides high levels of disease control.

Optimum disease control is achieved when the fungicide is applied in a regularly scheduled preventative spray program. The addition of a spreader-sticker will improve fungicide performance by providing a more uniform spray deposit, increased foliar redistribution, and improved fungicide retention during periods of wet weather.

## Resistance Management

Repeated use of products for control of specific plant pathogens may lead to selection of resistant strains of fungi and result in a reduction of disease control. Mancozeb, the active ingredient in Fore 80WP Rainshield is one of EPA's Target Site of Action Group M3 fungicides and due to the multi-site mode of action of mancozeb, the risk of resistance development is highly unlikely and to date no reports of resistance development have been reported. For guidance on a particular crop and disease control situation, consult your state extension specialist for official state recommendations.

As part of a resistance management strategy:

- When tank mixing or alternating, use an effective partner – one that provides satisfactory disease control when used alone at the mixture rate.
- Apply early to keep fungal populations low.
- Incorporate integrated pest management (IPM) practices into your program which can help reduce disease development and spread.

## Restrictions

- **Chemigation:** Do not apply this product through any type of irrigation system.
- Aerial application by fixed or rotary wing aircraft on ornamentals is prohibited.

## **Spray Drift Management**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, airblast) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

### **Wind Speed**

Do not apply at wind speeds greater than 15 mph.

### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

### **Other State and Local Requirements**

Applicators must follow all state and local pesticide drift requirements regarding application of mancozeb. Where states have more stringent regulations, they must be observed.

### **Equipment**

All ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

## **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.



For proper application to turfgrass, determine the square footage to be treated, divide the footage by 1000, multiply by the required fungicide use rate per 1000 sq ft, and then determine the amount of water required to provide adequate coverage. When treating ornamentals, determine the required fungicide use rate and the spray gallonage required to provide a thorough coverage. Prepare only the amount of spray solution required to treat the desired area.

## **Handling of Water Soluble Packets**

Water Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

### **Handling Instructions**

1. Mix in spray tank only.
2. Handle WSP(s) in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP(s) in out packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep WSP intact. Do not cut or puncture WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

## Mixing Directions

Follow the steps below when mixing this product, including if tank mixed with other pesticide products. If being tank mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use and all mixed products do not conflict. Do not tank mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopened WSP(s) into the tank.
5. Do not spray water from a hose or fill pipe to break or dissolve the WSP(s).
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP(s) may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSPs have fully dissolved and the contents have been thoroughly mixed into the solution.
10. Do not add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP have fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## **Compatibility**

Fore 80WP Rainshield is compatible with boron and spray oils; however, the water soluble packets must be completely dissolved before adding spray oils or products containing boron to spray mixtures.

Fore 80WP Rainshield is compatible with most commonly used agricultural fungicides, insecticides and growth regulators. When preparing tank mixes, consult spray compatibility charts or State Cooperative Extension Service Specialists prior to actual use. Do not tank mix with any product which contains a prohibition on tank mixing. When two pesticides are tank mixed, the more restrictive label conditions apply.

The physical spray compatibility of specific tank mixes can be checked by preparing a sample suspension in a glass container and observing the suspension for any adverse effects, which might interfere with proper spray application.

## **Spray Adjuvants**

The addition of a surfactant to sprays containing Fore 80WP Rainshield will improve initial spray deposits, fungicide redistribution and weatherability. Place Fore 80WP Rainshield into suspension prior to adding an adjuvant to the spray mixture. Read and carefully observe the precautionary statements and all other information appearing on both product labels prior to spray preparation. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant.

## Application Directions

Fore 80WP Rainshield is a protectant fungicide. Optimum disease control is achieved with thorough coverage sprays applied on a regular schedule.

## Disease Scouting

Fore 80WP Rainshield is a broad-spectrum protectant fungicide. If not applied on a routine protectant spray schedule, frequently observe turfgrass and ornamental plants for disease signs or symptoms. Apply fungicide at the required label use rate and spray schedule, at the first sign of disease, report of disease in the area, or during environmental conditions favorable for disease development.

## Turfgrass

**For use on golf courses, and industrial or municipal turf areas. Not for use on sod farms, athletic fields and residential turf.**

### Restrictions:

#### Golf Courses:

- For cool season turfgrasses; greens, tees and aprons - limit to a maximum of five applications per year at a maximum application rate of 21.75 lb of product per acre (17.4 lb ai per acre) per application.
- For cool season turfgrasses; fairways - limit to a maximum of four applications per year at a maximum application rate of 21.75 lb of product per acre (17.4 lb ai per acre) per application.
- For warm season turfgrasses; fairways - limit to a maximum of three applications per year at a maximum application rate of 21.75 lb of product per acre (17.4 lb ai per acre) per application.
- For warm season turfgrasses; greens, tees and aprons - limit to a maximum of four applications per year at a maximum application rate of 21.75 lb of product per acre (17.4 lb ai per acre) per application.
- Require a minimum of a 10-day interval between applications.

**All Other Turfgrass:**

- Limit to a maximum of four applications per year and a maximum application rate of 21.75 lb of product per acre (17.4 lb ai per acre) per application
- Require a minimum of a 10-day interval between applications

Each 24 oz water soluble packet treats 6000 sq ft at the 4 oz per 1000 sq ft rate, 4000 sq ft at the 6 oz per 1000 sq ft rate, and 3000 sq ft at the 8 oz per 1000 sq ft rate. Note that the 8 oz per 1000 sq ft rate is the same as the maximum rate of 21.75 lb per acre.

Start application when grass greens up in spring or when disease first appears and repeat at 10- to 14-day intervals or until disease threat is passed. When conditions are especially favorable for disease development, apply maximum fungicide use rate on a 10-day spray schedule. Apply in sufficient water to provide adequate coverage.

**Turfgrass Tolerance**

Maintain treated turfgrass in a vigorous growing condition. Turfgrass under stress will not respond as well to fungicide treatments as well-maintained turfgrass. Turfgrass tolerance to this product has been found to be acceptable; however, this product and tank mixtures with other products have not been tested on all varieties of every turfgrass species or under all possible growing conditions. If user is unfamiliar with the performance of Fore 80WP Rainshield or tank mixtures, under user growing conditions, treat a limited area of turfgrass prior to initiating large-scale applications.

Crop	Diseases Controlled	Fore 80WP Rainshield (oz/1000 sq ft)	Use Directions	Restrictions
assorted grasses	helminthosporium melting-out rust (leaf, stem, stripe)	4		<ul style="list-style-type: none"> <li>• Do not graze treated areas.</li> <li>• Do not use on turfgrasses intended for grazing, such as range or pasture grasses.</li> <li>• Do not feed grass clippings to livestock.</li> <li>• Do not use on grasses grown for seed.</li> </ul>
	copper spot fusarium blight red thread slime mold	4 - 8		
	algae	6		
	dollar spot	6 - 8		
	rhizoctonia brown patch	4	Apply on a 10-day spray schedule.	
	pythium blight	8	Apply at 10-day intervals	
	rapid blight (a putative chytridiomycete fungus)	8	Apply at a 14-day interval if conditions are favorable for disease development.	
	fusarium snow mold	6 - 8	Apply at 2- to 6-week intervals during winter.	
	gray leaf spot	8	Apply at 14-day intervals if conditions are favorable for disease development.	

## Ornamentals

### Restrictions:

- Cut flowers and greenhouse grown ornamentals: Limit to 20 applications per year.
- Do not use any part of treated plants, including fruit, nuts, bark, or sap, for food or feed purposes.
- Do not use on pachysandra.
- Do not apply more than a total of 8.4 lb of Fore 80WP Rainshield per acre (6.72 lb ai per acre) per year.
- Not for use in residential greenhouses.

Neither the manufacturer nor the seller has determined the effects of using Fore 80WP Rainshield on ornamentals not specified on this label. Prior to any large-scale applications on such plants, the user should determine the effects of Fore 80WP Rainshield by testing a small section of the type of plants treated. User assumes all risk arising out of application to unlabeled plants. The Conditions of Sale and Warranty apply to all uses.

For outdoor or greenhouse use, apply the equivalent of 1 1/2 lb of Fore 80WP Rainshield per 100 gallons of dilute spray (1 1/2 lb of Fore 80WP Rainshield per acre). The addition of a surfactant 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 or follow State Extension Service recommended retreatment intervals for disease control on the following ornamental plants:

<b>Crop</b>	<b>Diseases Controlled</b>	<b>Crop Specific Use Directions</b>
African violet	botrytis blight	
ageratum	botrytis blight rust	
almond (ornamental)	leaf spot	
alyssum		
anthurium	anthracnose, spadix rot	
apple (ornamental)	fabraea leaf spot rust scab	
arborvitae	cercospora blight	
areca palm	leaf spot	
ash, mountain	entomosporium leaf spot guignardia leaf blotch	
ash, white	anthracnose cylindrosporium leaf spot	
aster	leaf spot	



aster, perennial	puccinia rusts	
aucuba, japonica	alternaria leaf spot anthracnose	
azalea	cyindrocladium rot petal blight phytophthora twig and bud 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.
begonia	botrytis blight	
bougainvillea	leaf spot	
boxwood		
buffaloberry	cyindrosporium leaf spot	
camellias	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.
carnation	rust septoria leaf spot	
cedar, red (juniper)	cercospora blight phomopsis blight	

<b>Crop (Cont.)</b>	<b>Diseases Controlled</b>	<b>Crop Specific Use Directions</b>
chrysanthemum	ascochyta blight botrytis petal spot rust	Apply twice weekly during blooming period.
cockscomb ( <i>Celosia</i> )	alternaria leaf spot	
conifers (Christmas trees)	lophodermium needle cast pine gall rust scirrhia brown spot	Begin application in spring or early summer before infection occurs. Repeat after heavy rains and at two- week intervals as long as needed.
cordyline	cercospora leaf spot	
crabapple (ornamental)	cedar-apple rust scab sphaeropsis leaf spot	
cypress, Arizona ( <i>Cupressus</i> sp.)	cercospora blight monochaetia canker	
dahlia	botrytis blight	
delphinium		
dieffenbachia	leptosphaeria brown spot	

dogwood, flowering	anthracnose elsinoe leaf spot septoria leaf spot	Apply when buds begin to open, when bracts have fallen, 4 weeks later and again in late summer after flower buds for next season have formed.
dracaena	fusarium leaf spot	
elm	black leaf spot	
euonymus	anthracnose	
fatsia		
fern	rhizoctonia blight	
figus	cercospora leaf spot	
fig	cylindrocladium leaf spot	
firethorn ( <i>pyracantha</i> )	fusicladium scab	
fir, Douglas	Swiss needle cast	
fir, fraser		
fuchsia	botrytis blight rust	

Crop (Cont.)	Diseases Controlled	Crop Specific Use Directions
geranium	rust	
gladiolus	botrytis blossom blight curvularia leaf spot	Make regular weekly applications starting before diseases appear and increase to 2 or 3 applications per week during periods of heavy disease and during rainy weather. On flower spikes, reduce spray concentration to 3/4 lb per 100 gallons.
gloxinia	botrytis blight	
gypsophila		
hawthorn	cedar-apple rust fabraea leaf spot frogeye leaf spot hawthorn rust scab	
hickory	gnomonium leaf spot	
holly	purple spot	
hollyhock	anthracnose cercospora leaf spot puccinia rust	

honeysuckle	herpobasidium blight	
horsechestnut, buckeye	alternaria leaf spot guignardia leaf blotch	
hydrangea	botrytis blight cercospora leaf spot	
impatiens	botrytis blight	
iris	didymellina leaf spot mycosphaerella leaf spot mystrosporium ink spot	(formerly didymellina)
juniper	phomopsis blight	
larkspur	rust	
laurel, mountain	cercospora 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.
ligustrum	cercospora leaf spot	
lily	botrytis blight	

Crop (Cont.)	Diseases Controlled	Crop Specific Use Directions
magnolia	gloeosporium leaf spot	
maple	alternaria leaf spot phyllosticta leaf spot	
marigold	botrytis blossom blight	Restriction: Do not use on French dwarf double or Signet type marigold seedlings.
narcissus	botrytis blight (fire) smoulder	
oak	actinopelte leaf spot taphrina leaf blister	
orchid ( <i>Dendrobium</i> )	botrytis blossom blight	
oxalis	rust	
pansy	anthracnose	
pears (ornamental)	fabraea leaf spot rust scab	

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.
peperomia	cercospora leaf spot	
petunia	botrytis blight	
philodendron	dactylaria leaf spot phytophthora leaf spot	
phlox	leaf spot	
photinia	entomosporium leaf spot	
pine, Australia	cyclaneusma needle cast	
pine, Scotch	cyclaneusma needle cast gall rust	
pittosporum	alternaria leaf spot	
pleomele	fusarium leaf spot	
poinsettia	sphaceloma scab	

<b>Crop (Cont.)</b>	<b>Diseases Controlled</b>	<b>Crop Specific Use Directions</b>
poplar	rust	
primrose	botrytis blight	
protea		
quince (ornamental)	fabraea leaf spot rust scab	
rhododendron	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	black spot cercospora leaf spot rust	
rosemary	rhizoctonia aerial blight	
schefflera	alternaria blight	
Scotts pine	needle cast	
skunkbush, sumac	cyindrosporium leaf spot	



snapdragon	rust	
spathiphyllum	myrothecium leaf spot	
statice	cercospora frogeye	
strawflower	rust	
syngonium	cephalosporium leaf spot	
thorn apple	rust	
tulip	botrytis blight (fire)	
venus, flytrap	anthracnose	
viburnum	downy mildew ramularia leaf spot	
walnut	anthracnose	
zinnia	alternaria leaf blight	

**ATTENTION: This product contains mancozeb and ETU, chemicals known to the State of California to cause cancer. ETU is also known to the State of California to cause birth defects or other reproductive harm.**

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## **Terms and Conditions of Use**

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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 user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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## **Warranty Disclaimer**

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Dow AgroSciences warrants that this product conforms to the chemical description on the label and is reasonably fit 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, Dow AgroSciences MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

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## **Inherent Risks of Use**

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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.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Dow AgroSciences or the seller. To the extent permitted by law, all such risks shall be assumed by buyer.

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## **Limitation of Remedies**

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To the extent 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 Dow AgroSciences' election, one of the following:

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

To the extent permitted by law, Dow AgroSciences shall not be liable for losses or damages resulting from handling or use of this product unless Dow AgroSciences is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Dow AgroSciences 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 agent of Dow AgroSciences or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitation of Remedies in any manner.

®Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow  
EPA accepted 06/22/18

## NOTES

1.45" Repeat  
 1.375"  
 Tear notch C/L 3/4" below top of pouch.  
 Zipper C/L 1.5" below top of pouch.  
 (Copy in gray area distorts during converting.)



1" NO COPY AREA  
 BOTTOM OF BAG

**PLACE BOOKLET  
 HERE**

UPC - MACHINE DIRECTION - ↑

21" Finished Web Width

Zipper C/L 1.5" below top of pouch.  
 (Copy in gray area distorts during converting.)

1.375"

**Keep Out of Reach of Children**  
**CAUTION**

**Active Ingredients**  
 Mancozeb: A coordination product of zinc ion and manganese ethylene bisdithiocarbamate ..... 80.0%  
 Manganese ..... 16.00%  
 Zinc ..... 2.00%  
 Ethylene bisdithiocarbamate ..... 62.00%  
 Other Ingredients ..... 100.0%  
 Total ..... 100.0%

**Product in Water-Soluble Packets**  
 Mancozeb: A coordination product of zinc ion and manganese ethylene bisdithiocarbamate ..... 80.0%  
 Manganese ..... 16.00%  
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 Other Ingredients ..... 100.0%  
 Total ..... 100.0%

**Notice:** Read the entire label. Use only according to label directions. Before using this product, read **Warnings**, **Directions**, **Precautions**, **First Aid**, **Net Weight**, **Remedies at end of label booklet**, **First Aid**, **Net Weight**, **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.

Agricultural Chemical. Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-388 EPA Est. 67545-AZ-001 00187718 1807

**MADE IN COLOMBIA**

Trademark of The Dow Chemical Company (Dow) or an affiliated company of Dow

**Dow AgroSciences LLC**  
 9330 Zionsville Road  
 Indianapolis, IN 46268

**NET WEIGHT 6 LB (4X1.5LB WATER SOLUBLE PACKETS)**

**Refer to label booklet for Directions for Use.**

**Use:** Use only according to the label directions and with the Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information on use.

**Precautionary Information including Directions for Use.**

**Personal Protective Equipment (PPE)**  
 Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and change into clean clothing.

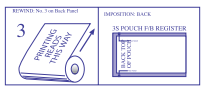
**Environmental Hazards**  
 This pesticide is toxic to aquatic organisms. Do not apply directly to water or to areas where surface water is present, or to areas where surface water is expected to form. Do not apply directly to areas where water cleaning equipment or discharge of equipment discharges or drains.

**Agricultural Use Requirements**  
 Worker Protection Standard, 40 CFR Part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information on use.

**Storage and Disposal**  
 Do not store in areas accessible to children, pets, livestock, or other animals. Do not store in areas where food, feed, or other animal products are stored. Do not store in areas where food, feed, or other animal products are stored. Do not store in areas where food, feed, or other animal products are stored.

**First Aid**  
 If inhaled: Get fresh air. If breathing is difficult, call a doctor. If swallowed: Drink water. Do not induce vomiting. If on skin or clothing: Take off contaminated clothing. Remove shoes and socks. Wash skin thoroughly with soap and water. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor for treatment advice.

**Precautionary Statements**  
 Hazards to Humans and Domestic Animals  
**CAUTION**  
 May be Harmful if Inhaled. May Be Irritating to Skin. May Cause Allergic Reactions in Some Individuals.  
 Personal Protective Equipment (PPE)  
 Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and change into clean clothing.



1.25"  
 0.75"  
 Eyemark 1/4" x 3/4" W  
 on front-back register pouch, the eyemark line must be clear of all copy.



**Fore**  
 80WP Rainshield<sup>®</sup>

**SPECIALTY FUNGICIDE**

MANCOZEB GROUP M3 FUNGICIDE

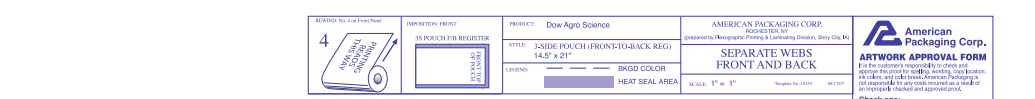
UPC - MACHINE DIRECTION - ↑

21" Finished Web Width

Zipper C/L 1.5" below top of pouch.  
 (Copy in gray area distorts during converting.)

1.375"

1" NO COPY AREA  
 BOTTOM OF BAG



PRODUCT: Dow Agro Science STYLE: 14.5" x 21" LENGTH: BKGD COLOR: HEAT SEAL AREA	AMERICAN PACKAGING CORP. 14000 W. 14th St., Suite 100, Omaha, NE 68144 SEPARATE WEBS FRONT AND BACK 14.5" x 21"	 <p><b>ARTWORK APPROVAL FORM</b>          For this product, approval is required for all artwork. All artwork must be submitted to the American Packaging Corp. Artwork Department for review and approval. Check one:  <input type="checkbox"/> APPROVED, as is.  <input type="checkbox"/> REJECTED, resubmit proof with corrections as noted.          Signature: _____          Date: _____          Comments: _____</p>
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<<<CORR>>>

