

NET CONTENTS

POUNDS

EPA REG. NO. 677-282

BRAVO <sup>®</sup> W-75

(75% Wettable Powder)  
AGRICULTURAL FUNGICIDE

ACTIVE INGREDIENT:

Chlorothalonil (tetrachloroisophthalonitrile)\*..... 75.0%

INERT INGREDIENTS:..... 25.0%

TOTAL..... 100.0%

\*Covered under U.S. Pat. Nos. 3,290,353 and 3,331,735

18 pt. type - CAUTION: KEEP OUT OF REACH OF CHILDREN. - 12 pt. type  
SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

<b>ACCEPTED</b>
<i>September 20, 1973</i>
<small>UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTRATION ED UNDER REG. 677-282</small>

AGRICULTURAL CHEMICALS DIVISION - CLEVELAND, OHIO 44115

DIAMOND SHAMROCK CORPORATION

**READ ENTIRE LABEL CAREFULLY  
AND USE ONLY AS DIRECTED**

**GENERAL INFORMATION**

BRAVO W-75 is an excellent fungicide when used according to label directions for control of a broad spectrum of plant diseases. BRAVO W-75 can be used effectively in dilute or concentrate sprays. Thorough, uniform coverage is essential for disease control.

DO NOT combine BRAVO W-75 in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible and non-injurious under your conditions of use.

The required amount of BRAVO W-75 should be added slowly into the spray tank during filling. With concentrate sprays, pre-mix the required amount of BRAVO W-75 in a clean container and add to the spray tank as it is being filled. Keep agitator running when filling spray tank and during spray operations.

DO NOT use on greenhouse-grown crops.

**DIRECTIONS FOR USE**

Dosage rates on this label indicate pounds of BRAVO W-75 per acre, unless otherwise stated. Applications should be made in sufficient water to obtain adequate coverage of foliage. Gallonage to be used will vary with crop and amount of plant growth. Spray volume usually will range from 20 to 150 gallons per acre for dilute sprays and 5 to 10 gallons per acre for concentrate ground sprays and aircraft applications.

**BEAN (SNAP):** Ruse -- Use 3 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications during early bloom stage or when disease first threatens and repeat at weekly intervals or as necessary to maintain control. DO NOT apply within 7 days of harvest. DO NOT graze treated areas or feed treated plant parts to livestock.

**CABBAGE, CAULIFLOWER, BROCCOLI, BRUSSELS SPROUTS:** Alternaria leaf spot (Southeastern states only) and downy mildew -- Use 1½ lbs. per acre in sufficient water to obtain adequate coverage. Begin applications after transplants are set in field, or shortly after emergence of field-seeded crop or when conditions favor disease development. Repeat at 7- to 10-day intervals or as necessary to maintain control. Ring spot on field-seeded brussels sprouts (California only) -- Use 2 lbs. per acre. Begin applications at time of early sprout development or when conditions favor disease development. Repeat at 7- to 10-day intervals or as necessary to maintain control.

**CARROT:** Early blight and late blight -- Use 1½ to 2 lbs. per acre in sufficient water to obtain adequate coverage. Start applications when disease threatens and repeat at 7- to 10-day intervals or as necessary to maintain control.

**CELERY:** Early blight, late blight, basal stalk rot (Rhizoctonia solani) -- Use 1 to 1½ lbs. per acre on a 3- to 5-day spray schedule, or use 2 to 3 lbs. per acre on a 7-day schedule. Suppression of pink rot -- Use 3 lbs. per acre on a 7-day schedule. Start applications when transplants are set in the field. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. DO NOT apply within 7 days of harvest.

For control of early blight and late blight in celery seedbeds, use 1½ to 2 lbs. BRAVO W-75 per 100 gallons of water and apply 125 gallons per acre twice weekly or as needed to maintain control. Start applications shortly after crop emergence. Use the higher rate under severe disease conditions.

**CORN (SWEET):** Helminthosporium leaf blight -- Use 1½ to 2 lbs. per acre in sufficient water to obtain adequate coverage. Begin applications when conditions favor disease development and repeat at 4- to 7-day intervals or as required to maintain control. DO NOT apply within 14 days of harvest. For use on fresh market crop only. DO NOT apply to sweet corn to be processed. DO NOT allow livestock to graze in treated fields. DO NOT ensile treated corn or use as livestock forage.

**CUCUMBER:** Target spot (Florida only), anthracnose and downy mildew -- Use 1½ to 2 lbs. per acre. Powdery mildew (except Southwestern states), gummy stem blight, leaf blight and scab -- Use 2 to 3 lbs. per acre. For suppression of fruit rot (Rhizoctonia solani) -- Use 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7-day intervals. Under severe disease conditions, shorten spray interval.

**CANTALOUPE, MUSKMELON, HONEYDEW:** Anthracnose and downy mildew -- Use 1½ to 2 lbs. per acre. Powdery mildew (except in Southwestern states), Cercospora leaf spot, gummy stem blight, leaf blight and scab -- Use 2 to 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7-day intervals. Under severe disease conditions, shorten spray interval.

**WATERMELON, SQUASH, PUMPKIN:** Anthracnose and downy mildew -- Use 1½ to 2 lbs. per acre. Cercospora leaf spot, gummy stem blight, leaf blight and scab -- Use 2 to 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when plants are in first true leaf stage or when conditions are favorable for disease development. Repeat applications at 7-day intervals. Under severe disease conditions, shorten spray interval.

**PEANUT:** Cercospora leaf spots - Use 1 to 1½ lbs. per acre. Rust -- Use 1½ lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Start applications when disease first appears and repeat at 10- to 14-day intervals or as necessary to maintain control. Under severe disease conditions, use the 1½ lbs. per acre rate. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze treated areas. DO NOT feed hay or threshings from treated fields to livestock.

**POTATO:** Early blight, late blight, Botrytis vine rot (Botrytis spp.) -- Use 1 to 1½ lbs. per acre in sufficient water to obtain adequate coverage. Begin applications when plants are 6 inches high or when disease threatens and continue at 7- to 10-day intervals or as needed to maintain disease control. Under severe disease conditions, use the 1½ lbs. per acre rate and shorten spray interval.

**TOMATO:** Early blight, late blight, gray leaf spot and gray leaf mold -- Use 1½ to 2 lbs. per acre. Anthracnose -- Use 2 to 3 lbs. per acre. Rhizoctonia fruit rot and Botrytis gray mold -- Use 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when disease threatens and repeat at 7- to 10-day intervals. Under severe disease conditions, shorten spray interval. Alternaria fruit rot or blackmold (California only) -- Make three applications at the rate of 3 lbs. per acre on a 10- to 14-day schedule beginning 5 to 6 weeks before anticipated harvest.

#### CAUTION

DO NOT take internally.

Avoid contact with skin, eyes or clothing.

Can be irritating to eyes or skin. In case of contact with eyes, flush with plenty of water for at least 15 minutes. Wash thoroughly with soap and warm water after handling.

Avoid breathing dust or spray mist.

**NOTE:** BRAVO W-75 may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids. There is no evidence of aftereffects or permanent injury.

DO NOT store near feed or foodstuffs. BRAVO W-75 is a wettable powder and requires storage in a dry place.

DO NOT reuse empty container. Destroy by burying with waste in safe place.

This product is toxic to fish. Keep out of lakes, streams or ponds. DO NOT apply where runoff is likely to occur. DO NOT apply when weather conditions favor drift from areas treated. DO NOT contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**PEANUT:** Cercospor: leaf spots - Use 1 to 1½ lbs. per acre. Rust -- Use 1½ lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Start applications when disease first appears and repeat at 10- to 14-day intervals or as necessary to maintain control. Under severe disease conditions, use the 1½ lbs. per acre rate. DO NOT apply within 14 days of harvest. DO NOT allow livestock to graze treated areas. DO NOT feed hay or threshings from treated fields to livestock.

**POTATO:** Early blight, late blight, Botrytis vine rot (Botrytis spp.) -- Use 1 to 1½ lbs. per acre in sufficient water to obtain adequate coverage. Begin applications when plants are 6 inches high or when disease threatens and continue at 7- to 10-day intervals or as needed to maintain disease control. Under severe disease conditions, use the 1½ lbs. per acre rate and shorten spray interval.

**TOMATO:** Early blight, late blight, gray leaf spot and gray leaf mold -- Use 1½ to 2 lbs. per acre. Anthracnose -- Use 2 to 3 lbs. per acre. Rhizoctonia fruit rot and Botrytis gray mold -- Use 3 lbs. per acre. Apply BRAVO W-75 in sufficient water to obtain adequate coverage. Begin applications when disease threatens and repeat at 7- to 10-day intervals. Under severe disease conditions, shorten spray interval. Alternaria fruit rot or blackmold (California only) -- Make three applications at the rate of 3 lbs. per acre on a 10- to 14-day schedule beginning 5 to 6 weeks before anticipated harvest.

#### CAUTION

DO NOT take internally.

Avoid contact with skin, eyes or clothing.

Can be irritating to eyes or skin. In case of contact with eyes, flush with plenty of water for at least 15 minutes. Wash thoroughly with soap and warm water after handling.

Avoid breathing dust or spray mist.

**NOTE:** BRAVO W-75 may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Persons having allergic reaction should contact a physician. Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids. There is no evidence of aftereffects or permanent injury.

DO NOT store near feed or foodstuffs. BRAVO W-75 is a wettable powder and requires storage in a dry place.

DO NOT reuse empty container. Destroy by burying with waste in safe place.

This product is toxic to fish. Keep out of lakes, streams or ponds. DO NOT apply where runoff is likely to occur. DO NOT apply when weather conditions favor drift from areas treated. DO NOT contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risk of any use contrary to such directions. SELLER makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of SELLER is authorized to do so except in writing and with specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

8/30/73