

Outline - white,
1/16"

4-196

Pm21

log 4

Black
Yellow

BENOMYL 50% W.P.

White
thru
Red

PROVIDES CURATIVE AND PROTECTIVE FUNGICIDAL ACTION ON:
POWDERY MILDEW, BLACK SPOT, DOLLAR SPOT, BROWN PATCH,
SCAB, FUSARIUM, ANTHRACNOSE, GREY MOLD, ROT, AND OTHER
LISTED DISEASES FOR ROSES, TURF, ORNAMENTALS, BULBS,
APPLES, PEARS, STRAWBERRIES, AND VEGETABLES AS LISTED.

Print on
remaining
label - black

EPA Est. No. 4-NY-1 EPA Reg. No. 4-196

ACTIVE INGREDIENT:
Benomyl (Methyl 1-(butylcarbamoyl)-2-
benzimidazolecarbamate)..... 50%
INERT INGREDIENTS:..... 50%

~~U.S. Pat. Pending E. I. DuPont De Nemours & Co.~~

ACCEPTED
JAN 13 1988
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 4-196

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional
precautionary statements.

NET WEIGHT: 8 oz. Makes up to 100 gals. or treats
4,000 sq. ft. of lawn.

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BONIDE BENOMYL 50% W.P., EPA Reg. No. 4-196

Remaining label black print thru yellow -

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May irritate eyes, nose, throat and skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after using. Keep away from fire or sparks. In case of contact, flush skin or eyes with plenty of water, for eyes get medical attention.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to any body of water or wetlands. 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, as specified on this label. only

WORK SAFETY RULES

Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift.

During use of this product, wear the following protective clothing and equipment:

Long sleeve shirt and long legged pants; chemical resistant gloves, apron and shoes.

Important! Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting.

After work, take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Wash protective clothing and protective equipment with soap and water after each use. Personal and protective clothing worn during use must be laundered separately from household articles. Clothing or protective equipment heavily contaminated or drenched with benomyl must be destroyed according to state or local regulations.

Do not enter treated areas for 24 hours after application unless wearing the protective clothing specified for this product.

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DIRECTIONS FOR USE

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

Storage: Store in a cool, dry place, and in an area inaccessible to children or pets. Allowing product to become wet during storage may lead to certain chemical changes which will reduce the effectiveness as a fungicide.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse container. Rinse thoroughly and discard in trash.

BENOMYL 50W is highly effective for the control of many fungus diseases, providing both curative (eradicant) and protective action. It is a wettable powder to be mixed with water for application as a spray. Addition of a surfactant (1 Tbs. household detergent per gallon of spray) enhances curative action and improves distribution on ^{hard} wet plants such as roses.

ROSES (Field and Greenhouse) - Powdery mildew, black spot: Use one level tablespoonful per ¹/₂ gallon water. Begin application when disease first appears and repeat at 10-14 day intervals throughout the growing season; shorten intervals during humid, rainy weather.

A
Correction in Response to EPA letter of 11/22/70

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BONIDE BENOMYL 50% W.P., EPA Reg. No. 4-196

TURF - Dollar Spot (*Sclerotinia homeocarpa*), Large Brown Patch (*Rhizoctonia solani*); Apply at the rate of 2 oz. (12 level table-spoonsful) per 1000 sq. ft. in sufficient water to obtain thorough coverage, usually 2 to 5 gals. per 1000 sq. ft. Apply at earliest appearance of disease and continue at 10-14 day intervals as long as needed. When conditions are unusually favorable for development of disease, reduce interval to 5 to 7 days. Do not graze or feed clippings from treated areas to livestock.

| CROP | DISEASE | WHEN TO APPLY | AMOUNT |
|--|---|--|--|
| ORNAMENTALS | powdery mildew, Botrytis gray mold | Begin applications when disease first appears. Repeat at 10 to 14 day intervals throughout growing season; use shorter interval during humid, rainy weather. Use sufficient water to thoroughly wet foliage. | 1 lbs./2 gal. water, or 1/2 lb./100 gals. |
| | santhracnose; cercospora, catenariopsis; anthracnose; ramularia and septoria leafspots; ascochyta and Phoma blights | Same as above, except begin applications at bud break | 1 lb./1 gal. water, or 1 lb./100 gals. |
| | Plant branch - Apply a suspension of 1 lb. per 100 gals. (1 lb. per gal.) as a drench or heavy spray to plants after transplanting into propagation beds or containers, utilizing porous growing medium. Use 1 to 2 pints per square foot of bed or container surface for control of stem, crown and root rot caused by Rhizoctonia, Fusarium, Sclerotinia or Botrytis on herbaceous annuals, perennials and bedding plants. Use the same rate for the control of Cylindrocium and Thielaviopsis rots on woody ornamentals such as azalea, rhododendrons, conifers and poinsettias. Repeat application at 2 to 4 week intervals during disease pressure periods. As an optional treatment, plants or cuttings may be dipped for 10 to 15 minutes in a suspension of 1 lb. per 100 gals. (1 lb. per gal.) prior to transplanting and subsequent drench treatments. | | |
| BULBS: (Easter Lily, Tulip, Gladiolus, Dahlah, Iris) | fusarium and penicillium rots | Soak cleaned bulbs for 15 to 30 minutes in warm dip (80° to 85°F), preferably within 48 hrs. after digging. Dry bulbs after treatment. If bulbs are for forcing, treat after bulbs have been heat cured. | 2 lbs./gal. water, or 1-1/2 lbs./100 gals. water |
| APPLES, PEARS | scab (apples only), powdery mildew, sooty blotch, spray, and post-harvest fruit rots of Botrytis sp., Penicillium sp., Gloeosporium sp. | Begin application at greenish and repeat 7-14 day intervals as needed. Use lower amount on Golden Delicious, Rome & Stayman varieties as injury may occur. | 1-1/2 tsp./gal. water, or 4 G ozs./100 gals. water. Use 200/500 gals. water per acre |
| | rots of stored fruit | Apply as post harvest application | 1/2 tsp./gal. water, or 6 ozs./100 gals. water |
| | overwintering scab | | 1 1/2 tsp./gal. water, or 8 oz./100 gals. water |
| STRAWBERRIES | gray mold, powdery mildew, leaf scorch, leaf blight, leaf spot | Apply when plants are at 10% bloom, and again at full bloom. Thoroughly cover the plants. Make additional applications at 10-14 day intervals as needed. | 1/2-1 tsp./gal. water, or 1/2-1 lb./100 gals. water per acre |
| | santhracnose | Begin application after plants are established in the plant bed or production field and repeat on a 7 day schedule. | 1 tsp./gal. water, or 1 lb./50-100 gals. water per acre |
| | | | |
| BEANS (Snap, Bush) | white rot (Sclerotinia), gray mold (Botrytis) | Apply at 25% to 50% bloom; repeat at peak bloom. Do not apply within 14 days of harvest. Do not graze or feed treated vines or hay to livestock. | 1 1/2-2 tsp./gal. water, or 1 1/2-2 lbs. in sufficient water per acre to obtain thorough coverage of the plants. |
| CUCUMBERS, MELONS, SQUASH (Summer & Winter) | gummy stem blight, powdery mildew, anthracnose | Begin applications when plants begin to run or when disease first appears, and repeat at 7-14 day intervals as needed. Under conditions of severe disease pressure, use the higher rate and apply at 7 day intervals or as needed. | 1/2-1 tsp./gal. water, or 1/2-1 lb./acre in sufficient water to thoroughly cover plants. |

NOTE: Do not use alkaline pesticides such as basic copper sulfate, Bordeaux mixture, or lime sulfur as a tank mixture with Bonide Benomyl 50% W.P. BENOMYL is fluffy when packed. After settling container will appear slightly over half full. Correct weight is guaranteed.

Buyer's Guarantee Limited to Label Claims and Refund of Purchase Price.

Packed by BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

