

Pesticide,
water reactive NA 2210

ORM-C

Keep dry

ACCEPTED

MAR 16 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No.

MANEB 80

FUNGICIDE

ACTIVE INGREDIENT:

Maneb (Manganese ethylenebisdithiocarbamate).....80.0%
(Manganese equivalent as metallic.....18.5%)

INERT INGREDIENTS.....20.0%

EPA Reg. No. 35-418

Keep out of reach of children.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION! MAY IRRITATE EYES, NOSE, THROAT, AND SKIN.
MAY BE HARMFUL IF INHALED OR SWALLOWED.

Avoid breathing dust or spray mist. Avoid contact with skin, eyes, and clothing. Keep away from fire or sparks.

First Aid: 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 water. 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.

IMPORTANT—Never allow "Maneb 80 Fungicide" to become wet during storage. This may lead to certain chemical changes which will reduce the effectiveness of "Maneb 80 Fungicide" as a fungicide and create vapors which may be flammable. Keep container closed when not in use.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. "Maneb 80 Fungicide" should be used only in accordance with recommendations on this label, or in separate published Du Pont recommendations available through local dealers. Du Pont will not be responsible for losses or damages resulting from use of this product in any manner not specifically recommended by Du Pont. User assumes all risks associated with such nonrecommended use.

SPRAYS*—Use "Maneb 80 Fungicide" at a rate of 1 1/2 lbs. per 100 gals. of spray, unless otherwise stated. In case of severe disease outbreaks or when weather conditions favor disease, use 2 lbs. per 100 gals. of spray and shorten interval between applications. Wash required amount of product through the filler screen while tank is filling with water. Add a spreader sticker spray adjuvant if needed.

DUSTS—"Maneb 80 Fungicide" may be used at concentrations of 6 to 8+ (4.8 to 6.4 - active) unless otherwise stated, by diluting and thoroughly mixing with pyrophyllite or some other neutral diluent. Use dust mixtures as soon as possible after preparation. Commonly used insecticides may displace an equivalent amount of diluent in preparing the dust mixtures.

ALMONDS (In California) Shot hole (fungus) and brown rot (blossom and twig blight) — Use 1 1/2 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at the popcorn, full bloom and petal fall stages (omit petal fall spray if only brown rot is present). Add a spreader sticker.

TOMATOES: Early blight, late blight, Septoria leaf spot, gray leaf spot (Stemphylium) and anthracnose — Apply when fruit of first clusters is well formed, repeat at 7 to 10 day intervals. (Do not use on young seedlings in greenhouses as injury may occur.) When weather conditions favor disease, more frequent applications may be necessary starting when plants are set in fields. Tomato plants treated with "Maneb 80 Fungicide" tend to develop heavy foliage and spray gallonage should be increased accordingly to assure complete coverage. In areas where anthracnose is a serious problem on canning tomatoes, apply 3 lbs. "Maneb 80 Fungicide" per acre. Do not apply within 5 days of harvest.

POTATOES: Early and late blights — Use 1 to 2 lbs. per acre. Apply as soon as plants are 2 to 6 inches high, repeat at 5 to 10 day intervals as long as blights threaten. Under severe disease conditions, use the shorter interval or the higher dosage.

APPLES: Scab, cedar apple rust, black rot (fruit and foliage), fly speck, sooty blotch, bitter rot, and white rot (Botryosphaeria) — Use 1 to 1 1/2 lbs. per 100 gals. and apply up to 10 pounds product per acre per application (for low volume sprays, adjust accordingly). Add a spreader sticker. Apply at 7 to 14 day intervals throughout the season. For scab, begin at green tip; for cedar apple rust, begin at petal fall stage; for cedar apple rust, at blossom time; for other diseases, at first cover. Do not apply within 30 days of harvest, do not graze livestock in treated areas.

CABBAGE: Alternaria leaf spot and downy mildew — Use 1 1/2 lbs. per 100 gals. and apply up to 150 gals. per acre. Add a spreader sticker. As a dust, use up to 40 lbs. per acre. Plant beds and direct seeded fields — Apply 7 to 10 days after planting, or earlier if disease is present. Repeat at 3 day intervals until plants are set in the field or until field seeded plants are thinned. Fields — Apply when the disease threatens, repeat weekly as needed. Shorten intervals to 3 to 5 days under severe conditions. Do not apply within 7 days of harvest.

CELERY: Early blight (Cercospora) and late blight (Septoria) — Apply when plants are established in the field, repeat as frequently as required (weekly under average conditions, every 3 to 5 days under severe disease conditions). Do not apply within 14 days of harvest. Remove residues by stripping, trimming and washing.

GENERAL INFORMATION: "Maneb 80 Fungicide" may be used as a spray or dust for the control of many important plant diseases. "Maneb 80 Fungicide" has good adhesive properties on plants, high fungicidal efficiency and is easy to use. It is particularly effective against many of the fungus diseases of certain vegetable, fruit and ornamental crops.

"Maneb 80 Fungicide" may be used undiluted for treatment of certain crop seeds.

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

CANTALOUPEs and SQUASH (In Texas) Downy mildew — Apply as soon as plants begin to run or when disease threatens, repeat at 7 to 10 day intervals as needed. Do not apply within 5 days of harvest.

LETTUCE and ENDIVE: Downy mildew — As a spray, use up to 150 gals. per acre and as a dust, up to 50 lbs. per acre. Apply when disease appears, repeat at 7 to 10 day intervals under average conditions, 3 to 5 days when disease conditions are severe. Do not apply within 10 days of harvest. Remove residues from head lettuce by stripping and trimming, and from leaf lettuce and endive by washing or other effective means.

LIMA BEANS: Downy mildew and anthracnose — Use up to 200 gals. spray or 30 lbs. dust per acre. Start applications during early blooming stage, or when disease first appears, repeat at 4 to 7 day intervals as needed. Do not apply within 4 days of harvest. Do not feed treated lima bean forage or hay to livestock.

ONIONS: Downy mildew, purple blotch (blight) and blast (Botrytis leaf blight) — Apply when first spots appear, repeat weekly as needed. Add a spreader sticker.

SPINACH: Downy mildew (blue mold) and white rust — Apply when disease first appears in area, repeat at 7 to 10 day intervals. Do not apply within 10 days of harvest. Remove residues by washing or other effective means.

PEACHES (Pacific States) and **NECTARINES** (California) Shot hole (fungus) and peach leaf curl (California only), apply dormant and popcorn sprays. For brown rot blossom blight, apply at pink bud and 25% to 75% of full bloom (in Pacific Northwest add a petal fall spray). Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre). For fruit brown rot (California only), apply 2 lbs. per 100 gals. (about 10 lbs. per acre) 4 weeks before harvest, or earlier if rot is easily found on green fruit, and repeat at 7 to 14 day intervals as needed. Add a spreader sticker. Do not apply to nectarines later than 14 days before harvest. If applied to peaches within 14 days of harvest, remove residues by brushing, do not apply later than 2 days before harvest.

APRICOTS (in California) Brown rot and shot hole (fungus), apply at red bud, early bloom, and full bloom, for green or jacket rot, apply at full bloom and petal fall. Use 2 lbs. per 100 gals. (6 to 8 lbs. per acre).

GRAPES (in Great Lakes Area) Black rot — Spray just before bloom, just after bloom and 7 to 10 days later.

ROSES: Cercospora leaf spot (Texas), Rust (California), Black spot — Use 1 1/2 lbs. spray when first leaves unfold, repeat weekly as needed. Add a spreader sticker.

SEED TREATMENT — WHEAT, BARLEY, RYE, FLAX: Seed decay and seedling blights from many seed and soil borne organisms, covered smuts or bunt of wheat, barley, rye — Use "Maneb 80 Fungicide" as an undiluted dust at rate of 2 oz. per bu. for flax, use 3 to 4 oz. per bu. Apply with any suitable dust treater or mix directly with seed in planter box by thorough stirring.

LABEL TREATED SEED — This seed treated with maneb fungicide. Do not use for food, feed, or oil purposes.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL Pesticide spray mixture or final water that cannot be

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CARROTS: Leaf spot diseases. Apply when plants are 6 weeks old (or when disease threatens), repeat every 7 to 10 days.

WATERMELONS: Downy mildew, anthracnose, Cercospora leaf spot and gummy stem blight. **CUCUMBERS:** Downy mildew, anthracnose (also Pythium fruit rot in South Carolina) — Use 2 to 3 lbs. per acre. Apply as soon as plants begin to run or when disease threatens, repeat at 7 to 10 day intervals as needed. Under severe conditions shorten intervals to 3 to 5 days. Do not apply within 5 days of harvest.

*For small quantities, 3 to 4 lbs. concentration of Maneb 80 Fungicide per 1 gal. of water, or 1.5 to 2 lbs. per 100 gals.

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LABEL TREATED SEED — "This seed treated with maneb fungicide. Do not use for food, feed, or oil purposes."

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State, or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bag in a sanitary landfill or by incineration if allowed by state and local authorities.

NET 50 LBS.

Made By Du Pont in Colombia

E. I. DU PONT DE NEMOURS & CO. (INC.), BIOCHEMICALS DEPARTMENT, WILMINGTON, DELAWARE