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EPA Reg. No. 352-291

ACCEPTED

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 352-291

GENERAL INFORMATION

Du Pont "Manzate" D Fungicide a special formulation of maneb with a zinc salt added, may be used as a spray or dust for the control of many important plant diseases. "Manzate" D has good adhesion 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.

"Manzate" D may be used undiluted for treatment of certain crops see:

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.**

DIRECTIONS FOR USE

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

"Manzate" D 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.

Do not enter treated areas without protective clothing until sprays have dried or dusts have settled. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Warnings must include the following information: **CAUTION** Area treated with "Manzate" D on (date of application). Do not enter without appropriate protective clothing until sprays have dried or dusts have settled. In case of contact, flush skin or eyes with plenty of water; for eyes, get medical attention.

SPRAYS—Use "Manzate" D 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 filter screen while tank is filling with water. Add a spreader sticker spray adjuvant if needed.

DUSTS—"Manzate" D 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 carrier. 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 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.

*For small quantities, 3 to 4 level teaspoons of "Manzate" D per 1 gal. of water is equivalent to 1 to 2 lbs. per 100 gals.

CONTINUED ON BACK PANEL

4 DIRECTIONS CONTINUED FROM SIDE PANEL

TOMATOES: Early blight, late blight, Septoria leaf spot, gray an. anthracnose—Apply when fruit of first clusters is well formed intervals (Do not use on young seedlings in greenhouses as injury n conditions favor disease, more frequent applications may be neces are set in fields. Tomato plants treated with "Marzate" D tend to c spray gallonage should be increased accordingly to assure complete anthracnose is a serious problem on canning tomatoes, apply 3 lbs. not apply within 5 days of harvest.

TOMATOES: Early and late blights—Use 1 to 2 lbs. per acre. Ap 2 to 6 inches high; repeat at 5- to 10-day intervals as long as blight disease conditions, use the shorter interval or the higher dosage.

APPLES: Scab, cedar apple rust, black rot (fruit and foliage), fly rot, and white rot (*Botryosphaeria*)—Use 1 to 1½ lbs. per 100 gals. a product per acre per application (for low volume sprays, adjust acco sticker. Apply at 7- to 14-day intervals throughout the season. For so delayed dormant stage; for cedar apple rust, at blossom time; for oth Do not apply within 30 days of harvest; do not graze livestock in treat

CABBAGE: *Alternaria* leaf spot and downy mildew—Use 1½ lbs. up to 150 gals. per acre. Add a spreader-sticker. As a dust, use up beds and direct seeded fields—Apply 7 to 10 days after planting, or e Repeat at 3-day intervals until plants are set in the field or until field- fields—Apply when the disease threatens; repeat weekly as neede to 5 days under severe conditions. Do not apply within 7 days of harv

CELERY: Early blight (*Cercospora*) and late blight (*Septoria*) established in the field; repeat as frequently as required (weekly u every 3 to 5 days under severe disease conditions). Do not apply w Remove residues by stripping, trimming and washing.

CARROTS: Leaf spot diseases—Apply when plants are 6 wee threatens); repeat every 7 to 10 days

CATERMELONS: Downy mildew, anthracnose, *Cercospora* le
CUCUMBERS: Downy mildew, anthracnose (also *Pythum* —Use 2 to 3 lbs. per acre. Apply as soon as plants begin to run or repeat at 7- to 10-day intervals as needed. Under severe conditions, s days Do not apply within 5 days of harvest.

CANTALOUPE and SQUASH (Summer and Winter) — Downy — Apply as soon as plants begin to run or when disease threatens, repea as needed Do not apply within 5 days of harvest

LETTUCE and ENDIVE: Downy mildew—As a spray, use up as a dust, up to 50 lbs. per acre. Apply when disease appears; repea under average conditions, 3 to 5 days when disease conditions a within 10 days of harvest. Remove residues from head lettuce by and from leaf lettuce and endive by washing or other effective me

LIMA BEANS: Downy mildew and anthracnose—Use up to 20 dust per acre. Start applications during early blooming stage, or wh repeat at 4- to 7-day intervals as needed. Do not apply within 4 lead treated lima bean forage or hay to livestock.

ONIONS: Downy mildew, purple blotch (blight) and blast (*Botrytr* first spots appear, repeat weekly as needed. Add a spreader-sticker.

SPINACH: Downy mildew (blue mold) and white rust—Apply wh in area; repeat at 7- to 10-day intervals. Do not apply within 10 c residues by washing or other effective means.