

DIRECTIONS

"Manzate" should be used only in accordance with recommendations on this label, or in separate Du Pont recommendations available through local dealers.

SPRAYS—Use "Manzate" at a rate of 1½ 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. Where directed, add Du Pont Spreader-Sticker at rate of 4 fl. ozs. per 100 gals. spray. Wash required amount of product through the filler screen while tank is filling with water.

DUSTS—"Manzate" 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.

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 "Manzate" 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. "Manzate" 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 1½ lbs. per 100 gals. and apply up to 10 pounds product per acre per application (for low volume sprays, adjust accordingly). Add Du Pont Spreader-Sticker. Apply at 7- to 14-day intervals throughout the season. For scab, begin at green tip or delayed dormant 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 1½ lbs. per 100 gals. and apply up to 150 gals. per acre. Add Du Pont 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 interval 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.

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 2½ 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.

CANTALOUPE 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.

Continued on right page

MAN

MAN

ACTIVE INGREDIENT:

Maneb (Manganese ethylene)
(Manganese equivalent as

INERT INGREDIENTS

EPA Est. 352 TX 1

Keep out

CAUTION!

MAY IRRITATE
MAY BE HARMFUL

Avoid breathing dust or spray mist.
Avoid contact with skin, eyes, and clothing.
In case of contact, flush skin or eyes
get medical attention.

B 21248 7 73B

E. I. DU PONT BIOCHEMICALS

DU PONT

REG. U.S. PAT. OFF.

®

MANZATE

B F U N G I C I D E

carbamate) ... 80.0%
... 16.5%)
... 20.0%
EPA Reg. No. 352-173 AA

of children.
EYE, THROAT, AND SKIN.
HALED OR SWALLOWED.

ay from fire or sparks.

nty of water; for eyes.

GENERAL INFORMATION: Du Pont "Manzate" Maneb Fungicide may be used as a spray or dust for the control of many important plant diseases. "Manzate" 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.

"Manzate" may be used undiluted for treatment of certain crop seeds.

IMPORTANT—Never allow "Manzate" to become wet during storage. This may lead to certain chemical changes which will reduce the effectiveness of "Manzate" as a fungicide and create vapors which may be flammable. Keep container closed when not in use. Do not re-use container; crush and bury when empty.

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.

NET 50 LBS.

MADE IN U.S.A. PRINTED IN U.S.A.

DE NEMOURS & COMPANY (INC.)

DEPARTMENT, WILMINGTON, DELAWARE

DIRECTIONS (continued from left panel)

LETTUCE and ENDIVE: Downy mildew up to 50 lbs. per acre. Apply when disease conditions, 3 to 5 days when disease conditions. Remove residues from head lettuce by washing or other effective means.

LIMA BEANS: Downy mildew and purple blotch up to 50 lbs. per acre. Start applications during early bud stage. Repeat at 7 day intervals as needed. Do not apply to forage or hay to livestock.

ONIONS: Downy mildew, purple blotch spots appear: repeat weekly as needed.

SPINACH: Downy mildew (blue mold) repeat at 7- to 10-day intervals. Do not apply to forage or hay to livestock.

ALMONDS (In California): Shot-hole up to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) petal-fall spray if only brown rot is present.

PEACHES (Pacific States) and **NECTARINES** (California only), apply dormant spray at pink bud and 25% to 75% of full-bloom up to 2 lbs. per 100 gals. (6 to 8 lbs. per acre). For control of peach leaf curl (about 10 lbs. per acre) 4 weeks before harvest repeat at 7- to 14 day intervals as needed. Do not apply within 14 days of harvest. If applied to fruit: do not apply later than 2 days before harvest.

APRICOTS (in California) Brown rot: apply at full bloom; for green or jacket rot, apply at 10 lbs. per acre).

GRAPES (in Great Lakes Area) Black rot: apply at 10 lbs. per acre 10 days later.

ROSES: Cercospora leaf spot (Texas) apply at first leaves unfold; repeat weekly as needed.

SEED TREATMENT—WHEAT: Apply from many seed- and soil-borne organisms. Use "Manzate" as an undiluted dust at a rate of 10 lbs. per acre with any suitable dust treater, or mix directly with seed.

LABEL TREATED SEED— This seed is not for food, feed, or oil purposes.

NOTICE TO BUYER: Seller warrants that the product conforms to the label thereon and is reasonably fit for the use intended. Seller warrants that the product conforms to the label use directions and is reasonably fit for the use intended. Seller warrants, express or implied, that the product conforms to the label use directions.

ACCEPTED
EPA Reg. No. 352-173 AA



REG U S PAT OFF

MANZATE[®]

B F U N G I C I D E

carbamate) 80.0%
16.5%)
20.0%

GENERAL INFORMATION: Du Pont "Manzate" Maneb Fungicide may be used as a spray or dust for the control of many important plant diseases. "Manzate" 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.

"Manzate" may be used undiluted for treatment of certain crop seeds

IMPORTANT - Never allow "Manzate" to become wet during storage. It may lead to certain chemical changes which will reduce the effectiveness of "Manzate" as a fungicide and create vapors which may be flammable. Keep container closed when not in use. Do not reuse container, crush and bury when empty.

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 treated area. Do not contaminate water by cleaning of equipment or disposal of wash-water.

NET 50 LBS.

DE NEMOURS & COMPANY (INC.) DEPARTMENT, WILMINGTON, DELAWARE

LETTUCE (HEADIVE): Downy mildew, purple blot, leafhopper, and leaf miner. Apply when disease first appears. Repeat at 7 to 10 day intervals. Do not apply within 14 days of harvest. Do not apply within 14 days of harvest. Do not feed treated lettuce to livestock. Do not apply within 14 days of harvest. Do not feed treated lettuce to livestock.

LIMA BEANS: Downy mildew and anthracnose. Use up to 200 gals. spray or 20 lbs. dust per acre. Start applications during early to mid stages of when disease first appears. Repeat at 7 to 10 day intervals as needed. Do not apply within 14 days of harvest. Do not feed treated beans to livestock.

ONIONS: Downy mildew, purple blot, leafhopper, and leaf miner. Apply when disease first appears. Repeat weekly as needed. Add Du Pont Spreader-Sticker.

SPINACH: Downy mildew, leaf miner, and white rot. Apply when disease first appears. Repeat at 7 to 10 day intervals. Do not apply within 14 days of harvest. Do not feed treated spinach to livestock.

ALMONDS (In California): Shot hole, blight, and bronze leafhopper and two leafhopper. Use 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at the popcorn, full bloom and petal fall stages. Add Du Pont Spreader-Sticker.

PEACHES (Pacific States) and NECTARINES (California): Shot hole, blight, and purple blot (California only). Apply dormant and popcorn sprays. For bronze leafhopper, 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 treatment of almond. Apply 2 lbs. per 100 gals. (6 to 8 lbs. per acre) 4 weeks before harvest for peach blight, and 10 days before harvest for peach purple blot. Repeat at 7 to 14 day intervals as needed. Add Du Pont Spreader-Sticker. Do not apply later than 14 days before harvest.

APRICOTS (California): Brown rot, leafhopper, and purple blot. Apply at petal fall and full bloom. Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at petal fall and full bloom. Add Du Pont Spreader-Sticker.

GRAPES: Downy mildew, anthracnose, and leafhopper. Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at petal fall and full bloom. Add Du Pont Spreader-Sticker.

ROSES: Downy mildew, anthracnose, and leafhopper. Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at petal fall and full bloom. Add Du Pont Spreader-Sticker.

SEED TREATMENT—WHEAT, BARLEY, RYE, FLAX: Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at petal fall and full bloom. Add Du Pont Spreader-Sticker.

LABEL TREATED SEED: Use 1 to 2 lbs. per 100 gals. (6 to 8 lbs. per acre) at petal fall and full bloom. Add Du Pont Spreader-Sticker.

NOTICE TO BUYER: This product is a restricted use pesticide. It is not to be used by anyone other than a person who has been registered with the State Department of Agriculture. It is not to be used in any manner which would be injurious to man, animals, or the environment. It is not to be used in any manner which would be injurious to man, animals, or the environment.