



DuPont
Crop Protection

SPECIAL LOCAL NEED
24(c) LABELING

DUPONT™ MANZATE®
PRO-STICK™ FUNGICIDE
FOR CONTROL OF TOBACCO
DISEASES IN TOBACCO IN THE STATE
OF OHIO

DUPONT™ MANZATE® PRO-STICK™ FUNGICIDE

EPA Reg. No. 352-704

EPA 24(c) Special Local Need Registration SLN

(For Distribution and Use Only in the State of Ohio)

FOR CONTROL OF TOBACCO DISEASES IN TOBACCO

DIRECTIONS FOR USE

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

DuPont™ Manzate® Pro-Stick™ is recommended for use for disease suppression in tobacco production including outdoor seed beds, greenhouse, float-bed systems, and field. Target pests are: *Peronospora tabacina* (Blue Mold); *Colletotrichum gloeosporioides* (Anthracnose); *Rhizoctonia solani* and *Fusarium spp.* (Damping-off, stem rot, and target spot).

HOW TO USE

For traditional outdoor seed beds, use 1.0 pound per 100 gallons of water (one level tablespoon per gallon). Make spray applications on a 5 to 7 day schedule starting when plants are about the size of a dime and continue applications until transplanting to the field. Use 3 gallons of the fungicide mixture when plants are small and gradually increase to 5 gallons per 900 sq. ft. bed as plants grow.

For greenhouse and float-bed systems, use 1/2 pound per 100 gallons of water (one level teaspoon per gallon). Spray every 5 to 7 days to the point of run-off. Apply 3 gallons of the fungicide spray mixture on small plants (dime size), gradually increasing the spray volume to 6 to 12 gallons per 1000 sq. ft. as plants enlarge until transplanting to the field. For stem rot, use enough volume to wet the base of plant stems.

Use in the field if there is a threat of Ridomil-insensitive blue mold. Mix 1.5 to 2.0 pounds per 100 gallons of water, spray foliage weekly for complete coverage up to a maximum of 100 gallons per acre. Discontinue sprays when the threat of blue mold no longer exists. In flue-cured, do not spray after appearance of first button or within 21 days of harvest, whichever is earlier. In burley, and other types, do not spray within 30 days of harvest.

RESTRICTIONS

- **Do not treat flue-cured within 21 days, or burley within 30 days of harvest.**
- When making applications to tobacco seedlings in float systems, prevent contamination to the floatwater by keeping trays tightly packed so no water is exposed to the spray.
- Follow different rates as indicated above for outdoor seed beds vs. greenhouse or float-bed systems. Reduced rates for the latter are necessary to prevent injury, which could occur if the higher rate is used on the more succulent greenhouse or float-bed seedlings.
- Do not apply MANZATE® PRO-STICK™ fungicide in tank mixes with sucker control chemicals.

For product information call 1-888-6-DUPONT

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Potential Phytotoxicity Warning (Plant Injury)

The potential for phytotoxicity exists when this product is used on tobacco seedlings. The user assumes all risks arising out of this labeled use. To minimize the potential for damage, 72 hours prior to large scale applications to tobacco seedlings, the user should test for potential phytotoxicity by applying the fungicide rate to a small amount of tobacco seedlings of the same age and growing under the same conditions as the planned usage. Based on experiments conducted by the Plant Pathology Department, University of Kentucky, the potential for phytotoxicity varies from season to season and from seed lot to seed lot. In general, injury is least in traditional outdoor seed beds and greatest in greenhouse float systems, especially if seedlings are heavily fertilized and highly succulent, if the float water is contaminated with spray drift, or if hot, humid conditions exist. Where serious phytotoxicity occurred, early symptoms (within 72 hours) included burning along the leaf margins and progressing, over a two week period, into severe stunting or death. Occasionally mild stunting and interveinal chlorosis occurred without obvious early symptom development.

**IMPORTANT
BEFORE USING MANZATE® PRO-STICK™ FUNGICIDE,
READ AND FOLLOW ALL APPLICABLE DIRECTIONS,
RESTRICTIONS AND PRECAUTIONS ON THE EPA-
REGISTERED LABEL.**

This bulletin contains new or supplemental instructions for use of this product which may not appear on the package label. Follow the instructions carefully.

This labeling must be in the possession of the user at the time of pesticide application.

Read the Limitation of Warranty and Liability on the section 3 Federal product label before buying or using THIS product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the section 3 Federal product label.

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