

# Protect™ DF



## Excellent Protection from Damaging Diseases.

Protect™ DF provides excellent control of a variety of important plant diseases. With high fungicidal activity, it can be used as a preventive measure at lower labeled rates or as a curative at higher labeled rates if diseases are already established.

### CONTROL IN A DRY FLOWABLE

- Broad-spectrum disease control for ornamentals
- Easy-to-use, dry flowable formulation
- Full chemigation label

EPA REG. NO.	1001-77
ACTIVE INGR.	mancozeb (75%)
FORMULATION	dry flowable
CHEM. FAMILY	dithiocarbamate
FRAC NO.	M3
REI	24 hours
PACKAGE SIZE	6 x 6 lb
APPLICATION	spray

 FIELD-GROWN NURSERY

 CONTAINER-GROWN NURSERY

 GREENHOUSE

 CAUTION



Grow a better tomorrow.

## KEY USES

Greenhouse  
Groundcovers and herbaceous plants  
Ornamental and shade trees  
Nursery

## KEY DISEASES CONTROLLED

(See product label for complete list)

Alternaria

Anthracnose blights (*Colletotrichum*, *Discula*,  
*Elsinoe*, *Gloeodes*, *Gloeosporium*,  
*Glomerella*, *Gnomonia*, *Guignardia*)

Aschochyta blights

Black spot of rose (*Diplocarpon*)

Black leaf spot of elm

Botrytis blights, gray mold

Brown rot blight (*Monolinia*, *Sclerotinia*,  
*Whetzelinia*)

Cephalosporium leaf spot

Cylindrocladium leaf blight

Downy mildews (*Plasmopara*, *Peronospora*)

Exobasidium blights

Flower blights (*Aschochyta*, *Botrytis*,  
*Monolinia*, *Sclerotinia*, *Whetzelinia*)

Fusarium leaf spot and blight

Ink spot (*Ciborinia*, *Sclerotinia*, *Whetzelinia*)

Kabatina dieback

Needlecasts of conifers (*Cyclaneusma*,  
*Ismiella*, *Lophodermium*, *Naemacyclus*,  
*Pestalotia*, *Rhabdocline*, *Rhizosphaera*,  
*Scirrhia*, *Sphaeropsis*)

Ovulinia blight

Phytophthora blight and dieback

Ramularia blight

Rhizoctonia aerial or web blight

Rusts (*Cronartium*, *Endocronartium*,  
*Gymnosporangium*, *Melampsora*,  
*Melampsoridium*, *Phragmidium*, *Puccinia*,  
*Uromyces*)

Scab (*Fusicladium*, *Venturia*, *Sphaceloma*,  
*Cladosporium*)

Shothole leaf spot (*Blumeriella*, *Coccomyces*)

Stemphyllium blight

Tip blights (*Phomopsis*, *Diaporthe*)

Tip blight of pine (*Diplodia*, *Sphaeropsis*)

Volutella blight

## USE SUMMARY

Protect™ DF provides excellent protective activity and is most effective when applied prior to infection periods.

Apply 1.0-2.0 lb Protect DF per 100 gallons of water in full coverage sprays. To improve performance, add 2-4 oz of an effective spreader-sticker per 100 gallons of spray. Depending upon the life cycle of the listed pathogens, begin spraying either preventively at bud swell or at bud break, and continue throughout the growing season, or curatively at first sign of disease. Apply at 7-21 day intervals throughout the season as disease development conditions persist, or follow State Extension Service recommendation for specific disease control practices provided the 7-day retreatment intervals and the application rates and post-harvest intervals stated below are followed. Do not use edible portions of plant for food or feed purposes.

**CUT FLOWERS AND GREENHOUSE GROWN ORNAMENTALS:** Maximum single application rate is 1.6 lb Protect DF/acre with 20 applications per season. Maximum seasonal application rate of 32 lbs Protect DF/acre. Minimum retreatment interval of 7 days.

**CHRISTMAS TREES AND DOUGLAS FIR:** Maximum single application rate is 4 lb Protect DF/acre. Minimum PHI of 14 days.

**ORNAMENTAL AND SHADE TREES:** Maximum single application rate is 2 lb Protect DF/acre with 3 applications per season. Maximum seasonal application rate of 6 lbs Protect DF/acre. Minimum retreatment interval of 7 days.

**ORNAMENTAL GROUNDCOVERS AND HERBACEOUS PLANTS:** Maximum single application rate is 2 lb Protect DF/acre. Minimum retreatment interval of 7 days.

See label for complete directions for use.

