

TOPSIN M 4.5F **TOPSIN M 4.5F** **TOPSIN M 4.5F**

EPA Registration No. 4581-352

GENERAL INFORMATION

DIRECTIONS FOR USE

SHAKE WELL BEFORE USING

CROP	DISEASES	FL OZ A	FL OZ 100 GAL	REMARKS
CORN	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			
SOYBEANS	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			

CROP	DISEASES	FL OZ A	FL OZ 100 GAL	REMARKS
CORN	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			
SOYBEANS	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			

CROP	DISEASES	FL OZ A	FL OZ 100 GAL	REMARKS
CORN	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			
SOYBEANS	Anthracnose			
	Ascochyta			
	Common Smut			
	Gray Leaf Spot			
	Helminthosporium			
	Leaf Blight			
	Leaf Sheath Blight			
	Northern Leaf Blight			
	Seedling Rot			
	Stalk Rot			

BEST DOCUMENT AVAILABLE

ACCEPTED
JUN 26 1984
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4581-352

[illegible]

TANK MIX FOR USE ON APPLES		
DISEASES	ATE ACRE	REMARKS
Various		
Gummy Bl.		
Apple Scab		
Sooty Bl.		
Redshank		
Chlorosis		
Worms		
Verticillium		
Verticillium		

TANK MIX FOR USE ON APPLES			
DATE	PERCENT	WATER	REMARKS
1954	100	100	
1955	100	100	
1956	100	100	
1957	100	100	
1958	100	100	
1959	100	100	
1960	100	100	
1961	100	100	
1962	100	100	
1963	100	100	
1964	100	100	
1965	100	100	
1966	100	100	
1967	100	100	
1968	100	100	
1969	100	100	
1970	100	100	
1971	100	100	
1972	100	100	
1973	100	100	
1974	100	100	
1975	100	100	
1976	100	100	
1977	100	100	
1978	100	100	
1979	100	100	
1980	100	100	
1981	100	100	
1982	100	100	
1983	100	100	
1984	100	100	
1985	100	100	
1986	100	100	
1987	100	100	
1988	100	100	
1989	100	100	
1990	100	100	
1991	100	100	
1992	100	100	
1993	100	100	
1994	100	100	
1995	100	100	
1996	100	100	
1997	100	100	
1998	100	100	
1999	100	100	
2000	100	100	

JUN 26 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under
EPA Reg. No. 4581-352

BEST DOCUMENT AVAILABLE

TANK MIX FOR USE ON APPLES

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON APPLES

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON STONE FRUITS

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON STONE FRUITS

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON STONE FRUITS

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON STONE FRUITS

DISEASES	RATE ACRE	RATE 100 GAL	REMARKS
Verticillium			
Glomerella			
Phytophthora			
Sclerotinia			
Phoma			
Geosora			
Ascochyta			
Botrytis			

TANK MIX FOR USE ON PEANUTS

DISEASES	RATE ACRE	REMARKS
Verticillium		
Phoma		
Ascochyta		

WARRANTY AND DISCLAIMER

THIS PRODUCT IS NOT A PESTICIDE AND DOES NOT CONTAIN ANY PESTICIDES. IT IS A FERTILIZER AND SHOULD BE USED AS SUCH. IT IS NOT A SUBSTITUTE FOR A PESTICIDE. IT IS NOT A GUARANTEE OF CROP PROTECTION. IT IS NOT A WARRANTY OF CROP PROTECTION. IT IS NOT A GUARANTEE OF CROP PROTECTION. IT IS NOT A WARRANTY OF CROP PROTECTION.

BEST DOCUMENT AVAILABLE

BEST DOCUMENT AVAIL

DATE ACCE	PAGE NO	REMARKS

100

DATE RECEIVED BY: _____

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer.

DATE 100 CAL MEMPHIS

6473-13 6480-14

TOPSIN M 4.5F
TOPSIN M 4.5F
TOPSIN M 4.5F



PENWALT

9. The following are the results of the regression analysis:

5-2304D-01B4 (3/84)

BEST DOCUMENT AVAILABLE

SHAKE WELL BEFORE USING

TOPSIN M 4.5F

THIOPHANATE METHYL FUNGICIDE

4.5 Pounds per Gallon Flowable

ACTIVE INGREDIENT

Thiophanate-methyl (dimethyl 1,2-phenylenebis(3-thioallophanate)) 46.2%

INERT INGREDIENTS 53.8%

TOTAL 100%

Also known as dimethyl 4,4'-o-phenylenebis(3-thioallophanate)

TOPSIN is a registered trademark of Nippon Soda Company, Ltd., and is licensed to Pennwalt Corporation. Covered by one or more of the following U.S. patents: 3,769,308; 3,856,817; 4,020,005; and 4,029,813.

KEEP OUT OF REACH OF CHILDREN

CAUTION

May be Harmful if Swallowed, Inhaled, or Absorbed Through Skin. Refer to back panel for additional precautionary statements and statement of practical treatment. For general information and directions for use, refer to accompanying brochure.

EPA Registration No. 4581-352

EPA Establishment No. 35982-TX-1

Net Contents: 1.0 U.S. Gallon/3.785 Liters

Sold by:

AGCHEM DIVISION—PENNWALT CORPORATION

Philadelphia, Pa. 19102

5-B304A-01B4 (3/84)

EPTFD

26 1984

General Insect

Rodenticide

for the pest

order

4531-352

BEST DOCUMENT AVAILABLE

CAUTION

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

STATEMENT OF PRACTICAL TREATMENT

ENVIRONMENTAL HAZARD

STORAGE AND DISPOSAL

NOTE

FOR

GENERAL

INFORMATION

&

DIRECTIONS

FOR USE

REFER

TO

ACCOMPANYING

BROCHURE

 PENNWALT