

## 2.9 Topsin M<sup>®</sup>

**Topsin M** is a broad spectrum protective and eradicate fungicide with systemic activity for the control of many fungal diseases as botrytis, anthracnose, leaf spot, cercosporella Spp., fruit decay among others on horticultural produce, cereals and fruits.

*Thiophanate Methyl* .....50% w/v

### Biochemistry

It has several degradation compounds, which act against spore germination

### Rates/ Timing of Application

Crop	Disease	Rate	Application
Horticulture	Botrytis; Ring Spots; Leaf Blights; Die Back, Powdery Mildew; Anthracnose; Fusarium; Septoria leaf Spots / Stem blights	80-120ml/ 100L (20ml / 20L) (15ml / 15L)	Foliar Sprays Begin foliar application when diseases first appear.
Cereals	Powdery Mildew; Scab; Leaf blotch ( <i>Rhychosporium</i> ) <i>Septoria tritici</i> blotch	1 - 1.5L/ Ha (20 – 30ml/ 20L) (15 – 22ml/ 15L)	At first sign of disease  At earing time
Rice	Rice Blast Disease; Sheath Blight; Stem Rot	2.0L/ Ha (40ml/ 20L) (30ml/ 15L)	Spray at booting and heading stages. Do not apply if fish farming is practiced
Pineapples	<i>Thielaviopsis</i> spp. ~ Stalk Rot, Black Rot, Water Blister.	600ml/ 100L (120ml/ 20L) (90ml/ 15L)	Pre-plant dip treatment
	Post harvest rot	300-600ml/100L (60- 120ml/ 20L) (45 -90ml/ 15L)	Immediately after harvest, immerse or spray fruit.
Citrus	Fruit decay; Gray Mold; Guignardia Spot	120-200ml/ 100L (25- 40ml/ 20L) (20 -30ml/ 15L)	Post harvest treatment-dip or spray.
Mangoes Pawpaws	Powdery Mildew; Anthracnose	120ml/ 100L (25ml/ 20L) (20ml/ 15L)	Foliar spray
Oil seed rape	Eye / foot spots	2.0L/ Ha (40ml/ 20L) (30ml/ 15L)	At first sign of disease
Avocado	Leaf spots; Anthracnose	1.4 – 2.0L/ Ha (30 - 40ml/ 20L) (20 – 30ml/ 15L)	Begin when buds swell
Banana	Sigatoka spp.; Tip / Crown / Black Rot; Fusarium spp.	0.5L/ Ha 200ml/ 100L	Mix with 12L oil dipping or spraying
Grape	Botrytis; Grape Vine Powdery Mildew; Black Rot	1.0-1.6L/ Ha (20 – 32ml/ 20L) (15 – 24ml/ 15L)	Foliar spray

**Compatibility**

**TOPSIN M** is highly compatible with a wide range of Fungicides and insecticides, however unless specifically recommended, tank mixtures will be at the user's risk. We can only recommend to the user to make a preliminary test – at his responsibility and expense.

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