

# Maxtima fungicide

## technology sheet

Powered by Revysol<sup>®</sup>, an innovative new active ingredient, Maxtima<sup>®</sup> fungicide is the advanced turf-safe DMI that can be sprayed anywhere on your course for broad-spectrum disease control.

- Advanced turfgrass safety on any turf, in any season
- Unique, new binding activity to control biotypes that may have developed resistance to other demethylase inhibitor (DMI) fungicides
- Powerful residual for long-lasting control of turf diseases
- New rotation partner on greens, tees and fairways

### Active ingredient

Mefentrifluconazole – Group 3

### Formulation

Suspension concentrate

### One package contains

2 x 3.16 L jugs

### Storage

Store product away from food or feed. Store in cool, dry, locked, well-ventilated area without floor drain.

### Crops

Turfgrass

### Timing<sup>1</sup>

Apply preventatively, when conditions are favourable for disease.

### Diseases controlled

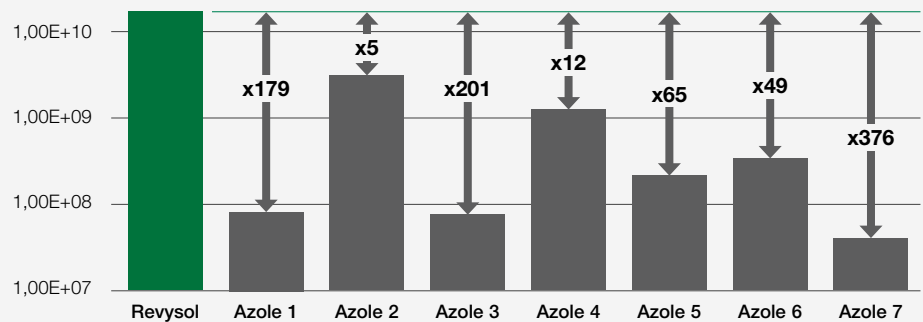
Anthracnose foliar blight and basal rot (*Colletotrichum cereale*)  
Brown patch (*Rhizoctonia solani*)  
Brown ring patch (*Waitea circinata* var. *circinata*)  
Dollar spot (*Sclerotinia homoeocarpa*)  
Fairy ring (*Basidiomycete fungi*)  
Gray snow mould / Typhula blight (*Typhula incarnata*, *T. ishikariensis*)  
Suppression of Microdochium patch (*Fusarium patch*)<sup>2</sup> and pink snow mould (*Microdochium nivale*)<sup>2</sup>  
Summer patch (*Magnaporthe poae*)  
Take-all patch (*Gaeumannomyces graminis*)

### Revysol binding power

First Isopropanol-Azole features a swiveling triazole head that binds strongly to the pathogen to deliver long lasting performance and is flexible enough for multiple conformations increasing activity against DMI insensitive pathogens.

#### Fungicide activity on DMI resistant disease (*Zymoseptoria tritici*)

Binding constant (= association constant) [mol/l]<sup>-1</sup>



Source: BASF

<sup>1</sup> See label for more details on timing and restrictions.

<sup>2</sup> Suppression.

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We create chemistry

## Application rates

**One jug will treat 1.2 to 4.9 ha (3.1 to 12.6 acres)**

Diseases	Application Rates	Application Interval
Anthrachnose foliar blight and basal rot	6.25 – 12.5 mL/100m <sup>2</sup> (0.25 to 0.51 L/ac)	14 - 21 days
Brown patch	25 mL/100m <sup>2</sup> (1.01 L/ac)	14 days
Brown ring patch	25 mL/100m <sup>2</sup> (1.01 L/ac)	14 days
Dollar spot	6.25 mL/100m <sup>2</sup> (0.25 L/ac) 12.5 mL/100m <sup>2</sup> (0.51 L/ac)	14 – 21 days 21 – 28 days
Fairy ring	25 mL/100m <sup>2</sup> (1.01 L/ac)	28 days
Gray snow mould / typhula blight	12.5 - 25 mL/100m <sup>2</sup> (0.51 to 1.01 L/ac) <sup>3</sup>	Make a single application in late fall just prior to snow cover.
Microdochium patch <sup>2</sup> / pink snow mould <sup>2</sup>	12.5 - 25 mL/100m <sup>2</sup> (0.51 to 1.01 L/ac) <sup>3</sup>	Make a single application in late fall just prior to snow cover.
Summer patch	25 mL/100m <sup>2</sup> (1.01 L/ac)	21 – 28 days
Take-all patch	12.5 mL/100m <sup>2</sup> (0.51 L/ac)	28 days

<sup>2</sup> Suppression.

<sup>3</sup> Use the higher rate for areas with a history of severe disease pressure.

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## Mixing order

1. Ensure the spray tank is clean before use.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of Maxtima to the tank.
4. Add the required amount of tank-mix partner, if applicable.
5. Add the recommended amount of adjuvant, if applicable.
6. Continue agitation while filling the remainder of the spray tank.
7. After use, clean the spray tank according to label precautions.

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## Application tips

**Rainfastness** – 1 hour.

**Restricted entry interval** – until spray has dried

**Resistance management** – Maxtima is an excellent resistance management tool to include in an IPM program. It can be used in combination or rotation with other chemistries to prevent the development of resistant strains. To limit the potential for development of resistance, DO NOT make more than two (2) sequential applications of Maxtima fungicide before alternating to a non-Group 3 fungicide registered for the same use.

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## Tank mixes

None on label.

Contact your local BASF Turf Representative for information on supported tank mixes.

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## For more information

Contact your local BASF Turf Representative or visit [betterturf.ca](http://betterturf.ca)

## Always read and follow label directions.

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