



Maxtima[®]

fungicide

THE DAWN OF **A NEW ERA**

FAST ACTING • LONG-LASTING

FIRST-OF-ITS-KIND

CHEMISTRY



Product information

Active substances	100g/l mefentrifluconazole
Application rate	1.5l/ha
Water volume	300-600l/ha
Pack size	1 litre
Pack coverage	6,666m ²
Crops	Managed amenity turf
Applications per year	2
Application equipment	Vehicle mounted sprayer, pedestrian and knapsack sprayer
Mode of Action	Sterol biosynthesis in membranes
FRAC group	3
Application category	Curative: acropetal penetrant and translaminar

The active substance in Maxtima®, mefentrifluconazole, is the turf industry's first ever isopropanol-azole.

Maxtima® provides turf-safe broad-spectrum disease control. Mefentrifluconazole is a demethylase-inhibiting (DMI) fungicide that delivers exceptional performance due to its ability to bind more powerfully to the target site, resulting in long-lasting effectiveness and improved activity against a wide range of pathogens.

Features and benefits

- Controls the toughest turf diseases fast
- Fast foliar absorption even in cold conditions
- Long-lasting protection, safe from rain and UV degradation
- Enhanced binding power due to the flexible nature of the active substance molecule
- Exceptional turfgrass safety
- Low application rates

Diseases controlled



Microdochium patch



Dollar spot

Long-lasting

Mefentrifluconazole, the active substance in Maxtima®, is rapidly uptaken into the plant and quickly gets to work stopping active infections. The active ingredient remains inside the leaf tissue after uptake and is slowly released from this reservoir to provide long-lasting protection of up to 28 days.

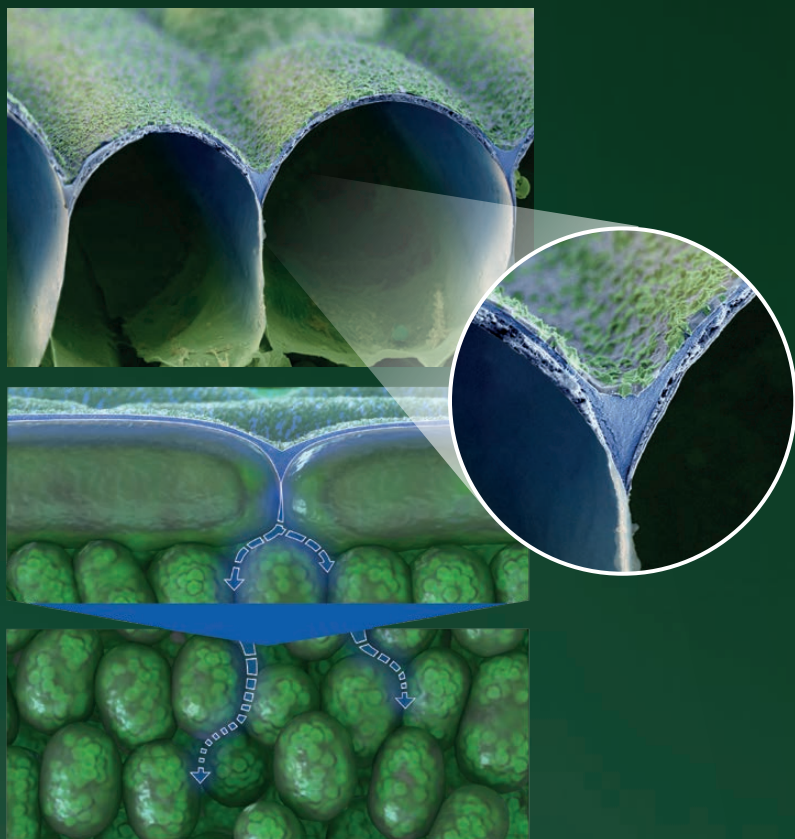
In addition to its superior performance against many common turf fungal pathogens, Maxtima® has a favourable environmental profile with low application rates and low toxicity to non-target organisms. Its unique chemistry means that it is an excellent rotational partner.



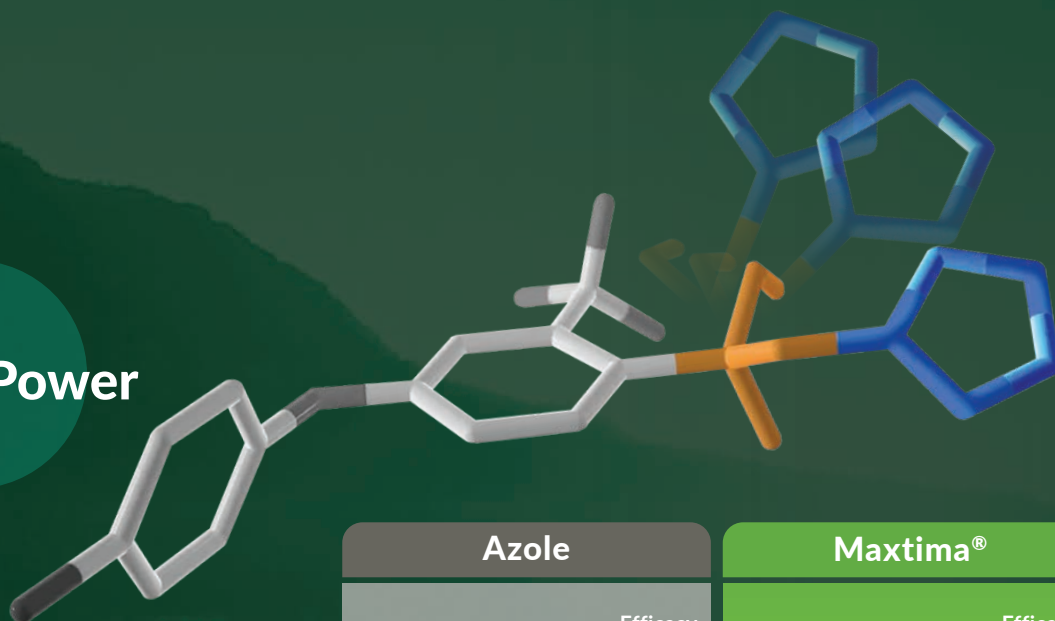
Leaf absorption much more than only rainfastness

With fast absorption of Maxtima® into the leaf for systemic movement through the plant, as well as the formation of inner leaf reservoirs, the active ingredient is naturally protected against external conditions like rain or UV light.

Following absorption, the leaf reservoirs allow durable translocation for local and long-lasting protection.



Flexi-Power



Mefentrifluconazole differs from standard azoles due to a unique isopropanol component which enables the molecule to rotate freely, forming a hook which can bind tightly to the target fungal enzyme.

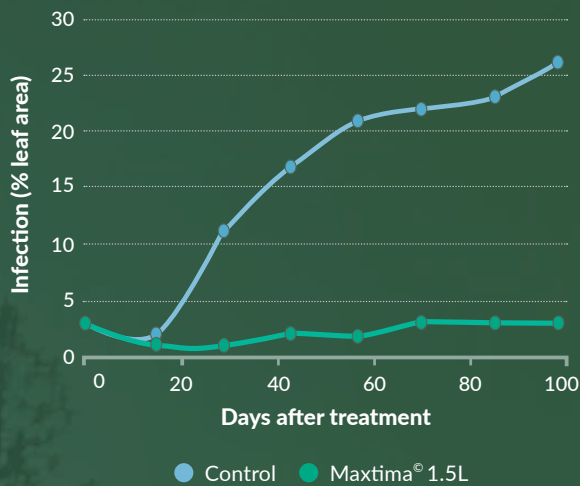
This flexibility enables mefentrifluconazole to adapt to changing fungal strains and results in potent fungicidal activity.

Azole		Maxtima®	
STRAIN A	Efficacy level 	STRAIN A	Efficacy level
STRAIN B	Efficacy level 	STRAIN B	Efficacy level

Controls the toughest disease fast

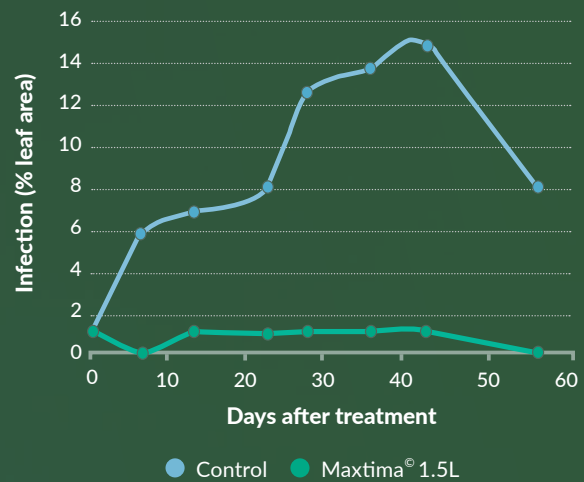
Microdochium patch

STRI trial September-December 2021



Dollar spot

STRI trial August-September 2022



Golf club,
Germany, 2022

Maxtima® at label rate of 1.5 L/ha applied twice showed high disease control of dollar spot.

Maxtima applied to all areas except the square, which was left as the untreated control.



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 **BASF**
We create chemistry

Appointed Distributor
for Maxtima®
in the UK

Maxtima® contains 100g/l Mefentrifluconazole,
use plant protection products safely. Always read
the label and product information before use.