

Maxtima[®] Fungicide

Why BASF formulations are making old chemistry, new again.

Technical Bulletin, June 2024

The third edition of my Technical Bulletin has arrived. As we sit in the middle part of the year, when turf managers are adapting their spray programs and locking in budgets, there's no better topic to present than the revolutionary formulation that we bring to the market, in Maxtima Fungicide. It allows turf managers the usual strong results of the Group 3 fungicides **without** the growth regulation or discoloration risk that DMI products inevitably offer. If you haven't heard of it before, let me introduce you to **Maxtima**, powered by Revysol[®], the only way to safely include a Group 3 fungicide into your peak season, high pressure program.

What we know:

DMI (Group 3) fungicide chemistry has been a staple in turf sheds across the recent decades of turf management. DMI chemistry offers exceptional knock down of a vast array of turf grass diseases, and the chemistry often ties into solid, rotational disease programs across the country. They offer broad spectrum disease control and consistent, reliable results.

With these desirable attributes, unfortunately, they also bring with them turf discoloration and turf health detriment with their growth regulation side effects.

Commonly, these Groups 3's are blended with Group 11 (Strobilurins) to create a multi-AI (active ingredient) product. These combinations can mask the limitation of the Group 3 side effects, however, result in chemistry rotation restrictions.

The Revysol formulation that powers Maxtima opens a new opportunity to turf practitioners who wouldn't typically use the Group 3 products in a preventative program. This new look DMI chemistry formulation allows strong preventative efficacy, in addition to the expected, reliable curative performance we attribute to DMIs traditionally.

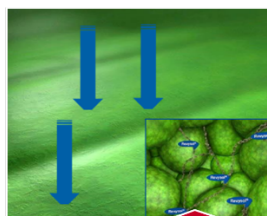
BASF's unmatched chemistry:

Maxtima is a Group 3 fungicide. The Revysol technology allows the active ingredient, Mefentrifluconazole (400g/L) to be moved efficiently into, and throughout the plant resulting in powerful, efficient, and long-lasting control of the toughest turf diseases. The introduction to the turf industry of not only a new AI, but also a revolutionary molecular structure, known as an Isopropanol moiety, allows the molecule to become flexible and "bind" to the specific target sites more tightly. This unique structure enables performance without any risk of phytotoxicity, growth regulation or thinning turf swards in peak disease periods - a significant step forward for disease management.

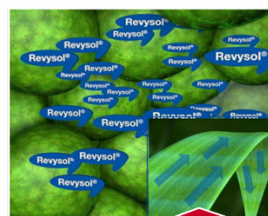
Revysol, powering Maxtima Fungicide, creates unmatched user confidence in results and turf safety by:

- 1: Increased chemical uptake.
- 2: Chemistry movement throughout the leaf.
- 3: Unmatched innovation in molecular structure ensuring thorough binding of the chemistry to the pathogen.

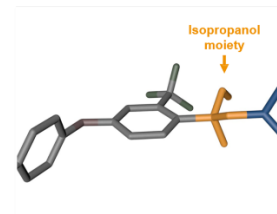
The exceptional binding ability of the Isopropanol moiety bring a new generation of performance and risk mitigation for this well regarded, chemical MOA (mode of action) group.



Rapid uptake of Revysol provides fast action to stop fungal infections.



After uptake, the majority of Revysol is well protected within the leaf. Slow release from this inner-leaf reservoir provides long lasting protection.



The first Isopropanol-Azole: molecule flexibility ensures excellent binding capacity and adaptability.

At a glance:

Working better, faster, and for longer than competitor products, Maxtima offers turf managers many benefits:

- SC Formulation
- Tank mixable with partner products, such as Xzemplar (Group 7) and / or Lexicon (Groups 7 & 11)
- Application rate flexibility (1.25 – 2.5L / Ha)
- 1.25 & 5L pack sizes
- Eco packaging
- Group 3
- 400g/L Mefentrifluconazole
- Curative and Preventative disease control on all turf species across all surface types
- Unmatched turf safety in DMI chemistry
- Powerful, lasting residual



Why Maxtima?

As a rotational partner for other fungicides in our range Xzemplar, Group 7 & Lexicon, Group 7 & 11, Maxtima offers a new active ingredient and mode of action to anchor the rotation of your fungicide program. The addition of Maxtima allows DMI results without the traditional, undesirable side effects. This chemistry ensures turf managers retain their arsenal throughout all times of year, and despite the expected seasonal stressors, can still expect to achieve a well-rounded, fungicidal approach utilising numerous chemistry groups and mode of action strategies. We are excited to share our upcoming label extension expected in late 2024.

Connect with our team!
Please connect with & contact our team directly [here](#).

Web: turf-solutions.basf.com.au
Social media: @BASF_Turf_AU

Stewardship and further technical information:

As we strive to increase the awareness of best practice to the turf industry, we are continually revisiting our product portfolio information and refreshing the pool of knowledge we are growing everyday with success stories across the industry.

Along with this bulletin, Maxtima has a refreshed technical note and training presentation.

Maxtima technical note– [read here](#)

Maxtima fungicide training presentation – [watch here](#)

These product packages are designed for turf managers and their developing staff members to have access to the information behind the product label and product SDS.

Connect with us on [Facebook](#) and [Instagram](#) – BASF Turf & Ornamentals Australia – to stay up to date on news and events.

Best wishes,



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 **BASF**
We create chemistry