



JANUARY 2013 SYNGENTA TURF TECHNICAL UPDATE



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Get the best from Medallion TL Contact⁺ protection

In Brief

Medallion TL, is the exciting fast acting Contact⁺ turf fungicide from Syngenta.

Proven to give exceptional longer lasting protection from Fusarium

Contact⁺ activity of fludioxonil controls disease pathogens on the leaf, in the thatch and at the soil surface

The innovative new activity of Medallion TL creates the opportunity to develop more effective disease control strategies



Core Recommendations



Application rate

3.0 l/ha
Maximum four applications per year

Key use timing

Medallion TL has no label restriction on the period of use. However, optimum timing is during periods of slow to zero turf growth during the winter period.

Where to use

All managed turf and amenity grassland, including all areas of the golf course and other sports turf

Water volume

125–500 l/ha

Application technique

All types of spray equipment

LERAP

B

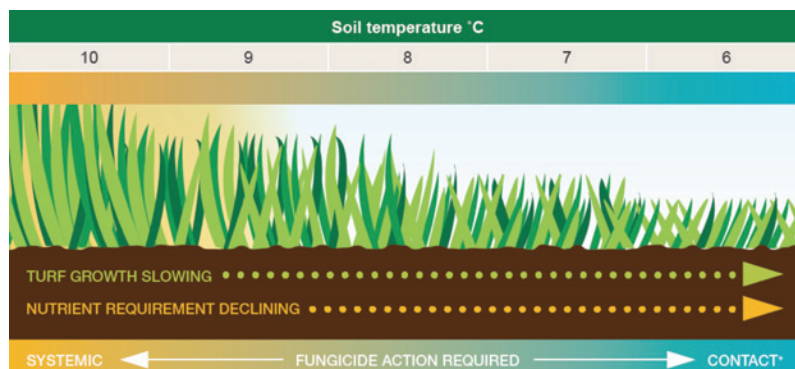
Packaging

3 litre S-pac

Time for Contact⁺ protection

Assessing soil temperatures - using soil temperature forecasts and monitoring clipping yield - is key to appropriate fungicide selection.

As growing conditions slow in the autumn or early winter, Medallion TL, will be the best choice to reduce the pathogen numbers in the thatch and protect the leaf through the cold weather.



Turf Growth	Soil Temp (Available On Greencast)	Clipping Yield	Fungicide Choice
Slow to Zero	<7°C	Low	MEDALLION TL

Medallion TL application top tips

Medallion TL may be applied through all types of commonly used turf spray equipment including tractor mounted/trailed, self-propelled and knapsack sprayers.

Medallion TL is recommended to be applied in 125–500 litres water/ha. For optimum results use the drift-reducing Syngenta XC Turf Nozzles to ensure even spray coverage and enhance all round coverage and spray retention on the leaf - delivering product more effectively into the target zone.

When using the Syngenta XC Turf Nozzle the recommended water volume is 220 - 400 l/ha. Use lilac 025 nozzles for application at 3-4 kph and red 04 nozzles for applications at 5-7 kph.



Syngenta application trials have shown using lower water volumes will maximise sprayer efficiency and optimise spray timing, as well as delivering better spray retention in the target area.

Syngenta XC Nozzle benefits

- Maintains an even spray on undulating ground
- Reduce risk of spray drift
- Enhances all-round leaf coverage
- Enable lower water volumes

Targeting turf disease

Medallion TL is a broad-spectrum turf fungicide with long-lasting protectant and Contact⁺ properties.

The Contact⁺ activity of Medallion TL works on the leaf, in the thatch and at the soil surface, to effectively protect turf and reduce pathogen populations to lower risk of disease outbreak.

Preventative fungicide applications are especially important during periods of slow or zero growth over the winter and early spring – when any damage to surface quality will be slow to repair.

Key Tips

Use appropriate Integrated Turf Management (ITM) techniques where practical to maintain stress-free plant health and reduce disease risk

Remain vigilant for changing weather conditions conducive to turf disease. Use the free website www.greencast.co.uk for disease and weather forecasts

Apply fungicide programmes preventatively during periods of disease risk to maintain surface quality

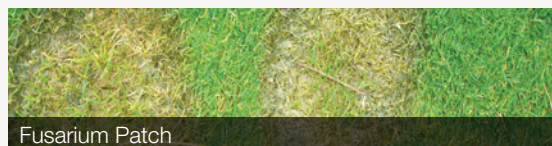
Medallion TL was bio-inspired by a naturally occurring antifungal compound of soil bacteria. It will control selected turf disease pathogens, but leave soil microbes with different membrane protein structures unaffected

Protective Shield

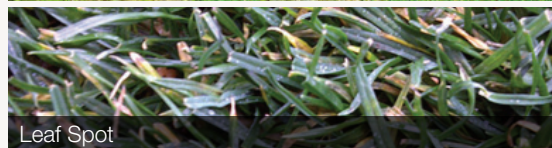
Trials have shown that Medallion TL rapidly bonds onto the leaf wax layer – making it rainfast within one hour

Safe from the effects of rain and snow, Medallion TL creates a protective shield on the leaf surface. The activity goes on working under a blanket of snow that can prove disastrous in allowing Microdochium (Fusarium) Patch to develop

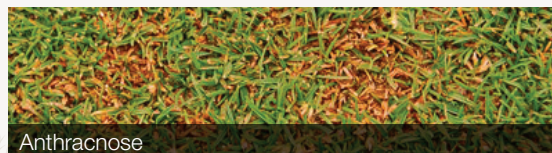
Tackling disease pathogens in the thatch knocks down spore numbers and reduces disease pressure – enhancing the duration of protection delivered



Fusarium Patch



Leaf Spot



Anthracnose

 **Medallion[®] TL**
Fungicide

syngenta[®]

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