

## EXCEPTIONAL BROAD-SPECTRUM CONTROL OF TOUGH TURFGRASS DISEASES FROM ONE OF THE MOST ACTIVE, LOW USE RATE FUNGICIDES ON THE MARKET.

**CHALLENGE**

Maintaining top quality turf is a tough job. Every season brings new disease challenges for sod farmers and superintendents. In the high value turfgrass market, diseases pose one of the biggest challenges, leaving growers looking for new options for broad-spectrum disease control.

**NUFARM SOLUTION**

Tourney® fungicide delivers a new generation of broad-spectrum disease control for exceptional turf quality while reducing the overall environmental load. The active ingredient, metconazole, is one of the most active and has the lowest use rate, compared to other demethylation inhibitor (DMI) fungicides.

**REGISTERED USES**

Turfgrass on golf courses and sod farms

DISEASES CONTROLLED	APPLICATION RATES	INTERVAL	APPLICATION NOTES
	g/100 m <sup>2</sup>		
Anthraxnose basal rot	8.4	14 days	Use preventively when conditions favour disease development. Apply in 8 L of water per 100 m <sup>2</sup> for foliar blight and 8–16 L of water per 100 m <sup>2</sup> for basal rot.
Anthraxnose foliar blight	8.4	14 days	
Brown patch	8.4–11.2	14 days	Use preventively when conditions favour disease development. Apply in 8 L of water per 100 m <sup>2</sup> .
Dollar spot	8.4–11.2	10–21 days	Use higher rates when the turf is under high dollar spot pressure. Apply in 8 L of water per 100 m <sup>2</sup> .
Fairy ring	11.2	21 days	Apply as soon as possible after first symptoms appear. Apply in 16 L of water per 100 m <sup>2</sup> . Symptoms may take several weeks to disappear following an application.
Grey snow mould*	11.2	–	Apply in late fall before snow cover. Make the application before the turfgrass enters dormancy (usually after the last mowing of the season) and before the first snow fall. Apply in 8 L of water per 100 m <sup>2</sup> .
Pink snow mould*	11.2	–	
Summer patch	11.2	14–21 days	Use preventively when conditions favour disease development in the spring and fall. Apply in 16 L of water per 100 m <sup>2</sup> .
Waitea patch	11.2	14–21 days	Use preventively when conditions favour disease development. Apply in 8 L of water per 100 m <sup>2</sup> .

PCP NO. 30928 FRAC NO. 3

ACTIVE INGR. metconazole (50.0%)

FORMULATION water-dispersible granule

CHEM. FAMILY demethylase inhibitor (DMI)

PACKAGE SIZE 4 x 2.27 kg jug  
one jug treats 5 acres (at 11.2 g/100 m<sup>2</sup>)

RAINFAST 2 hours

APPLICATION / SEASON one

SURFACTANT NEEDED no

**BENEFITS**

- Systemic activity works quickly to control a broad spectrum of the toughest turf diseases
- New generation fungicide delivers exceptional turf quality
- Low use rates lessen the environmental load
- Most active DMI on the market, providing fast, effective and consistent control for 14 to 21 days
- Works as a preventive fungicide to prevent spore formation and inhibit mycelial growth
- Use in a regularly scheduled spray program for optimal disease control – and in combination and/or rotation with fungicides that have a different mode of action (not Group 3)

**PERFORMANCE TIPS**

- Apply as a foliar spray when targeting foliar diseases or as a drench when targeting crown and/or root diseases

**PERFORMANCE TIPS**

- Spring: broad-spectrum clean up
- Summer: broad-spectrum control
- Fall: clean up
- Winter: snow mould control

# TOURNEY®

### SPRING CLEANUP PROGRAM:

A spring application of Tourney® will control up to six key diseases, including dollar spot, summer patch, basal rot and foliar blight anthracnose, brown patch and Waitea patch. Tourney is xylem mobile, so a high volume spray targeting soil-borne diseases also protects against foliar disease such as dollar spot and anthracnose.

**EARLY SEASON DOLLAR SPOT CONTROL:** This is the most important dollar spot spray of the season. Early application reduces the primary inoculum of the dollar spot pathogen, which delays the development of an epidemic until mid-summer when dollar spot naturally goes dormant.

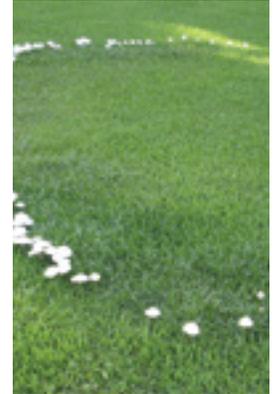
Apply 8.4–11.2 g in 8 L of water/100 m<sup>2</sup>. Tourney may be mixed with Pinpoint™ for exceptional dollar spot control.

### SUMMER FAIRY RING CONTROL

One of more than sixty different fungi can cause fairy ring symptoms. All of these fungi feed on dead, organic matter (not grass roots) in thatch and soil. As the fungi thrive, the root zones become hydrophobic and water cannot penetrate. Ultimately, grass dies from the drought conditions.

Not only is it important to use an effective fungicide against tough diseases like fairy ring, it is also important to use a product that persists in the soil where the fungi survive.

Apply 11.2 g in 16 L of water/100 m<sup>2</sup> as soon as possible after the first symptoms appear.



### FALL BEST PRACTICES

#### TIPS FOR REDUCING LATE SEASON TURF STRESS

- Adhere to fungicide programs (especially late-season)
- Increase mowing heights
- Strict water management – water deeply and infrequently but don't over water
- Syringing greens
- Use fans to improve air circulation
- Limit play or even close course for a couple days
- Limit use of heavy machinery
- Increase nutrition to the plant
- Avoid topdressing until temperatures ease
- Delay core aeration until later in the season

### FALL APPLICATION, TWO IMPORTANT BENEFITS

**STRESS RECOVERY:** Over summer, higher temperatures cause considerable turf stress above and below the surface – significantly weakening the plant's root system and, in turn, increasing turf susceptibility to disease outbreaks.

- Cooler temperatures alone aren't enough to help root systems recover from the stress induced by oppressive heat and humidity. Fungicides are essential to maintain and protect plant health.

**CLEANUP:** The end of the season is time to prepare for the following season.

- A late season application of Tourney cleans up many diseases, including anthracnose and brown patch, the final season application can also help take down inoculum levels and reduce disease potential the following spring.

Apply 8.4–11.2 g in 8–16 L of water/100 m<sup>2</sup>.



### SNOW MOULD / BARRIE, ON >> % CONTROL



80% TOURNEY 11.2 g /VS/  
 84% CHLOROTHALONIL 303 g /VS/  
 97% TOURNEY + CHLOROTHALONIL 11.2 g + 303 g

### SNOW MOULD / HORSESHOE VALLEY, ON >> % CONTROL



84% TOURNEY 11.2 g /VS/  
 72% CHLOROTHALONIL 303 g /VS/  
 95% TOURNEY + CHLOROTHALONIL 11.2 g + 303 g

### WINTER SNOW MOULD CONTROL

Snow mould occurs during periods of cold weather but is not limited to snow-covered turf, as the name implies. Snow mould has been observed year-round in cool, humid regions, and nearly all turfgrass species are susceptible. Snow mould can be known as Microdochium patch or pink snow mould and Typhula blight or grey snow mould. Tourney fungicide is an integral component for a proven and consistent snow mould control program.

Apply 11.2 g in 8 L of water/100 m<sup>2</sup> in late fall.

For best performance on snow mould species, apply Tourney in late fall, before snow cover (usually after last mowing of the season), make an application in combination with Affirm™ or chlorothalonil or other fungicides active on snow mould.



 1.800.868.5444 • [nufarm.ca](http://nufarm.ca)

For specific application rates, directions, mixing instructions and precautions, read the product label. Please visit [www.nufarm.com/us](http://www.nufarm.com/us) to download a full label.

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