

# RENOVO™ FUNGICIDE

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## RENOVO™ FUNGICIDE

RENOVO™ is a broad spectrum systemic fungicide that offers golf courses a unique mode of action.

- Convenient Liquid Formulation
- Unique Mode of Action
- Highly Systemic
- Activity on Key Turfgrass Diseases



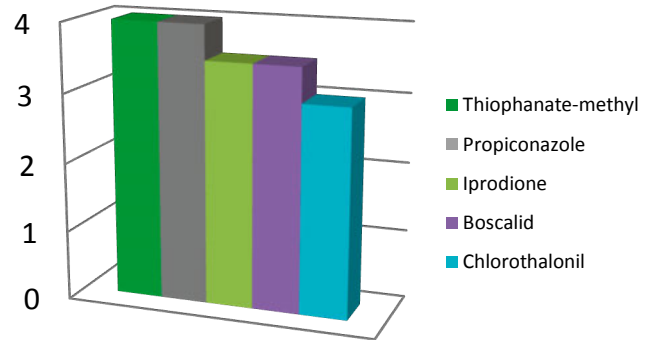
## Unique Mode of Action

Renovo fungicide is the only registered turf fungicide in Canada belonging to FRAC Group 1. Renovo fungicide contains the active ingredient thiophanate-methyl. This is a proven, broad spectrum and reliable active ingredient known for its ability to rejuvenate turf suffering from key and potentially devastating turfgrass diseases, as illustrated in chart 1 below. Renovo attacks pathogens by interfering with the fungi's ability to reproduce through nuclear division. These unique characteristics make Renovo a great tankmix or rotational partner to help preserve our industry's limited availability of chemical families to combat disease outbreaks. See table 1 below.

Table 1: Comparison of Common Fungicides Groups

FRAC Group	Group Name	# of Registered Products
Group 1	MBC	1
Group 2	Dicarboximides	2
Group 3	DMI	7
Group 11	QoI	5
Group 7	SDHI	2
Group 33	Phosphonates	2
Group M5	Chloronitriles	3

Chart 1 - Dollar Spot Efficacy Comparison



Vincelli, Chemical Control of Turfgrass Diseases 2015  
Rating system for fungicide efficacy.

- 4 Consistently good to excellent control in published experiments.
- 3 Good to excellent control in most experiments
- 2 Fair to good control in most experiments

## Highly Systemic & Rainfast

Renovo fungicide is absorbed by the roots, crowns & leaves and is translocated through the xylem to protect the entire plant from the inside out. This systemic activity creates a barrier against disease, protecting current and new growth from infection. Once the spray solution has dried on the plant it can't be washed off for thorough protection.

## Convenient Liquid Formulation

Renovo fungicide is available as a suspension concentrate formulation to allow for convenient and timely mixing and loading. In addition, each case contains 2 x 10 L jugs in an effort to maximize coverage while minimizing packaging. The chart on the right outlines how one case can cover up to 14.1 acres.

### TECHNICAL INFORMATION

**Active Ingredients:** Thiophanate-methyl

**Formulation:** Suspension Concentrate, 500 g a.i. \ L

**Packaging:** 2 x 10 Litre Container

**FRAC Group:** 1

**Compatibility:** Compatible with most pesticides – do not tank mix with lime or other alkaline materials. Ensure pH of spray solution is below 7 to avoid alkaline hydrolysis.

DISEASES CONTROLLED	RATE (ml/100m <sup>2</sup> )	CASE COVERAGE (acres)
Dollar spot	35 - 42	14.1 – 11.8
Brown patch	42 - 84	11.8 – 5.9
Pink snow mould	175 - 245	2.8 – 2.0
Powdery mildew	175 - 350	2.8 – 1.4

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