

Field Trial

Microdochium Patch Reduction



Introduction:

Microdochium patch, sometimes referred to as Fusarium patch or pink snow mold, is caused by the fungus *Microdochium nivale*, and results in patches of blighted turf on golf course putting greens, tees and sports fields.

Favoring Conditions Are:

- Cool, Wet periods (0-15°C)
- Alternating thawing, cold, fogs, and light drizzling rain are most conducive for disease spread

High Risk Situations:

- Poa Annua dominant sward
- Very humid conditions
- Leaf wetness
- Excessive thatch layer

Trial Products Applied Every 28 Days from October- March:

20 L/Ha PolyPhosphite 30®
2.4 L/Ha Green Blade™

OR

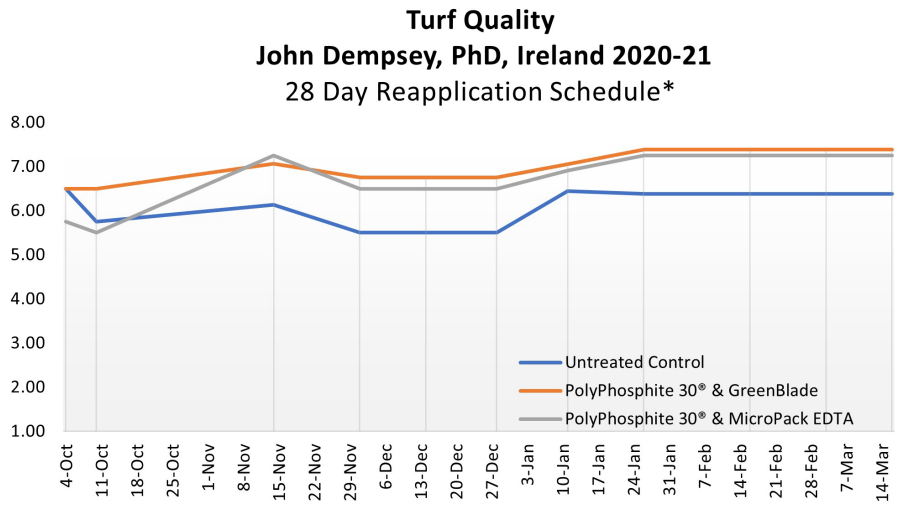
20 L/Ha PolyPhosphite 30®
20 L/Ha MicroPack EDTA



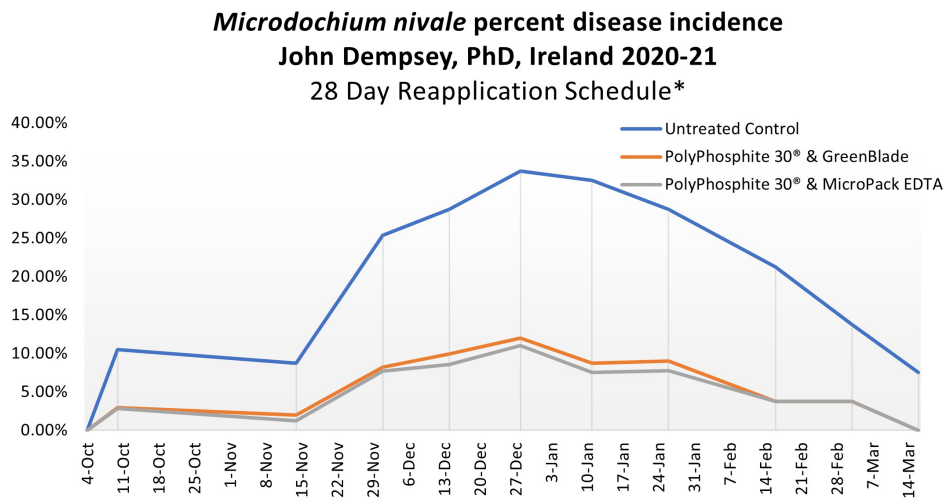
**PLANT
FOOD
COMPANY, INC.**

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***PolyPhosphite 30® can be applied at 10 L/Ha on a 14-day application schedule**



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These nutrient rich products have been formulated and paired together for applications based on agronomic science with the intent of correcting critical nutrient deficiencies and environmental conditions so to increase the immunity and health of the turf plant without the need of chemical inputs. These are not pesticides or fungicides and make no claim to cure or prevent a pathogen or pest.



Introduction

In October 2020- March 2021, Dr. John Dempsey conducted a Microdochium reduction trial on poa annua dominant greens in Kildare Ireland and Spawell Ireland utilizing various Plant Food nutrients combinations. Two trials stood out due to it's effectiveness and simplicity.

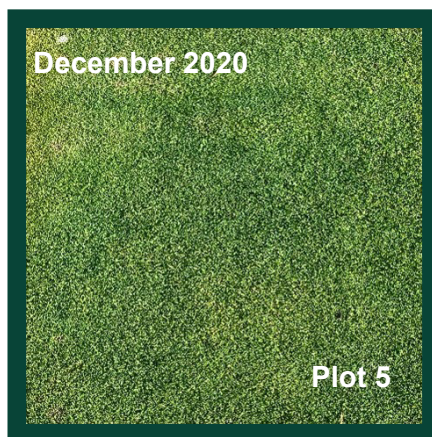
Plot 5 & Plot 6 were reapplied every 28 days from October 2020 – March 2021. No fungicides or additional nutrients were applied.

* PolyPhosphite 30[®] can be applied at 10 L/Ha on a 14-day application schedule

Reduction of

MICRODOCHIUM

Two Great Options to reduce Microdochium without fungicide.
Reapply every 28 days.



Plot 5*
Reapplied every 28 days:
20 L/Ha PolyPhosphite 30[®]
2.4 L/Ha Green Blade™

The **Polyphosphite 30[®]** turns on the plant's natural defense mechanism. The unique Polyphosphite 30[®] is the longest lasting phosphite IN the plant due to it's patent 9 Link chain that provides extended plant health.

The **Green Blade™** contains new resin technology which provides even coverage on the plant, and excellent leaf adhesion for an extended period of time.



Plot 6*
Reapplied every 28 days:
20 L/Ha PolyPhosphite 30[®]
20 L/Ha MicroPack EDTA

The **Polyphosphite 30[®]** turns on the plant's natural defense mechanism. The unique Polyphosphite 30[®] is the longest lasting phosphite IN the plant due to it's patent 9 Link chain that provides extended plant health.

The **Micro Pack EDTA** solution provides continuous micronutrients uptake while minimizing nutrient lockup.



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