



TurfShield® PLUS⁺

Compatibility Chart

TurfShield PLUS⁺ G and TurfShield PLUS⁺ WP are biological fungicides for the control of many root diseases. The active ingredients are living microbes (*Trichoderma harzianum* Rifai strain T-22 and *Trichoderma virens* strain G-41), which, after application, grow onto and around plant roots. TurfShield PLUS⁺ colonizes plant root systems and the root rhizosphere, the area immediately adjacent to and surrounding the root.

TurfShield PLUS⁺ is compatible with fertilizers, algacides, insecticides, growth regulators, and many fungicides. Even though the active ingredients are fungi, research has shown that TurfShield PLUS⁺ can be used successfully with fungicides. TurfShield PLUS⁺ has tested compatible with the fungicides in Table A and can be applied before or after the application of the indicated product.

For incompatible products (Table C), it is recommended that TurfShield PLUS⁺ be applied 10 to 14 days before or after the chemical fungicide application. For all fungicides not tested, and especially those that will be rinsed into the thatch or the soil, it is also recommended to follow the 10 to 14 day rule.

A. Tested Compatible Fungicides (Tank Mix or Rotation)

Active Ingredient (a.i.)	Brand Name	Risk of Resistance
Azoxystrobin	Heritage [®]	high
<i>Bacillus licheniformis</i> strain 3086	EcoGard [®] GN	low
Boscalid	Emerald	low
Fludioxonil	Medallion [®]	low to moderate
Metalaxyl-M (Mefenoxam)	Subdue Maxx [®]	high
Pentachloronitrobenzene	PCNB, Terraclor [®] , Turfcide [®]	low
<i>Streptomyces griseoviridis</i> strain K61	Mycostop [®] (use w/in 2 hours)	low
<i>Streptomyces lydicus</i> WYEC 108	Actinovate [®]	low
Thiram	Spotrete [®] , Thiram	low

B. Tested Compatible Insecticides (Tank Mix or Rotation)

Active Ingredient (a.i.)	Brand Name	Risk of Resistance
<i>Beauveria bassiana</i> strain GHA	BotaniGard [®] , Mycotrol [®] O	low



C. Incompatible Fungicides

(Incompatible when tank mixed. Can be applied 10 – 14 days before or after TurfShield PLUS[†])

Active Ingredient (a.i.)	Brand Name(s)	Risk of Resistance
<i>Bacillus subtilis</i> strain QST 713	CEASE [®] , Rhapsody [®] , Serenade [®]	low
<i>Bacillus subtilis</i> GB03	Companion [®]	low
Etridiazole	Koban, Terrazole [®]	low
Hydrogen dioxide	PERpose PLUS, ZeroTol [®]	low
Iprodione	Chipco [®] 26019, Chipco 26GT	Moderate to high
Mono- and di-potassium salts of Phosphorous acid	Magellan, Alude [®]	low
Propiconazole	Banner [®] Maxx [®]	moderate
Tebuconazole	Torque [™]	moderate
Thiophanate methyl	Tee-Off, ProTurf, Cleary's [®] 3336	high