

Bio-Mega / TurfTech Bio-Min / TurfTech Bio / Thatch Relief Compatibility With Chemicals

- A. Apply products 2 days after any **non-compatible** chemical.
- B. Wait a minimum of one week after applying products before applying a **non-compatible** chemical in the same area.
- C. Apply **compatible** chemicals at any time or in a tank mix.

Bio-Mega / TurfTech Bio-Min / TurfTech Bio / Thatch Relief Chem. Compatibility List				
Fungicide	Herbicide	Insecticide	Fertilizer	Other
Affirm	Barricade	Bifenthrin	Ferromec	Aquagro
Aliette/Signature	Basagan	Delta Gard	Gypsum	Blazon
Banol	Confront	Furadan	Liquid Lime	Chipco Proxy
Bayleton	Dacthal	Mach 2	Liquid NPK	Embark
Bayer 26 GT	Dicamba/Banvel	Malathion	Micronutrients	Essential
3336 Cleary	Gallery 75DF	Merit 75 WP	Nitroform	Humic Acid
Compass	Image	Mocap		Macro-Sorb
Daconil Action	Kerb-50-W	Orthene		Oasys Ultra
Daconil Ultrex	MCPP	Scimitar		Primo Maxx
Eagle	MSMA	Sevin		Roots (1-2-3)
Heritage	Pendimethalin	Tempo		Trimmit (TGR)
Insignia	Poast			Thatch Relief
Medallion	Ronstar 50WP			
Prostar	Trimec/Trex-san			
Rubigan	Tupersan			
Segway	2,4D amine & ester			
Subdue Maxx				
Tartan				
Tebuconazole				
Triton Flo				
Vorlan/Curalan				

*Daconil 2787 3oz	*Acclaim 2 oz	*Oftanol 1.6oz
*Emerald .14oz	*Pennant .7oz	*Triumph .75oz
*Tourney .18oz	*Prograss 2oz	
	*Surflan 1oz	
	*Turflon .3oz	

Note: If only chlorinated water is available for spraying, use dechlorinator provided with product.

*OK at the manufacturers' recommended **minimum** application rate per 1000 sq.ft. only. All others listed tested OK to tank mix at the manufacturers' recommended maximum application rate.

Chemicals Not Listed Should Be Assumed Non-Compatible.

Soil Tech. does not recommend Bio-Mega/TurfTech Bio-Min/TurfTech Bio/Thatch Relief be mixed with the above chemical products. Soil Tech has found that product microbial components remain viable when mixed with the above products, providing the mix is not left standing for more than 3 hours. No other tests were made as to the effects of these mixtures on the soil or the chemical products they are mixed with.

Uses For TurfTech Bio-Min/TurfTech Bio:

1. **Soil aggregate stability increases** with TurfTech Bio-Min/TurfTech Bio.
 - a. Apply TurfTech Bio-Min/TurfTech Bio **3-4 times per season**.
 - b. Allow **4-6 weeks between application**.
 - c. If aerifying, **apply TurfTech Bio-Min/TurfTech Bio immediately after**, to aid healing and re-growth.
 - d. **Drying down** treated areas aids aggregate formation.

2. **Biological nitrogen fixation** with TurfTech Bio-Min/TurfTech Bio.
 - a. Cyanobacteria will slowly release about **½-1 lbs./1000 sq.ft.** of nitrogen per season
 - b. Normal **P & K is still required** in TurfTech Bio-Min/TurfTech Bio treated areas.
 - c. After the 2nd application of TurfTech Bio-Min/TurfTech Bio, start reducing nitrogen use. Reduce chemical nitrogen by up to 30-50% of recommended rate.
 - d. Inventory fertilizer with a **lower nitrogen fraction** next year.

3. **Enhance overseed germination and early seedling growth.**
 - a. Apply TurfTech Bio-Min/TurfTech Bio **4-6 weeks** prior to grounds preparation (verticutting, aerifying, raking, etc.) for cool season overseeding.
 - b. Reapply immediately **after overseed prep work** is completed.
 - c. And/or reapply immediately **after overseed is put down**.
 - d. Apply at **45-day intervals** throughout the growing season.

4. **Fall dormant feeding strategies** with TurfTech Bio-Min/TurfTech Bio.
 - a. Apply TurfTech Bio-Min/TurfTech Bio **6-8 weeks** prior to normal fall dormancy.
 - b. Reapply **3-4 weeks prior** to normal fall dormancy.
 - c. Apply only about 50% of the normal dormant feeding nitrogen in the treated areas.

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