

## TurfTech Bio-Min / TurfTech Bio Compatibility With Chemicals

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

TurfTech Bio-Min / TurfTech Bio Chem. Compatibility List				
Fungicide	Herbicide	Insecticide	Fertilizer	Other
Affirm	Barricade	Bifenthrin	Ferromec	Aquagro
Aliette/Signature	Basagran	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
Daconil Ultrex	MCPP	Scimitar		Primo Maxx
Eagle	MSMA	Sevin		Roots (1-2-3)
Heritage	Pendimethelin	Tempo		Trimmit (TGR)
Insignia	Poast			Thatch Relief
Medallion	Ronstar 50WP			
Prostar	Trimec/texsan			
Rubigan	Trimex+/Quadmec			
Segway	Tupersan			
Subdue Maxx	2,4D amine & ester			
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  
                           \*Turfion .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 TurfTech Bio-Min/TurfTech Bio be mixed with the above chemical products. Soil Tech has found that TurfTech Bio-Min/TurfTech Bio cells 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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