

TurfTech Plus®

Transform Tough Soils and Reduce Thatch Build-Up

TURFTECH PLUS combines the proven performance of TurfTech's soil enhancing organisms with beneficial bacteria and enzymes that improve plant health and prevent troublesome thatch build-up. The product comes as an easy-to-use wettable powder that can be mixed with liquids for spraying or injected through irrigation systems. TurfTech Plus is a cost-effective tool for improving golf course soils, sports turf, and home lawns.

MEASURABLE SOIL IMPROVEMENTS!



RESEARCH SHOWS THAT TURFTECH PLUS:

- ACCELERATES THATCH REDUCTION
- REDUCES THE NEED FOR SYNTHETIC FERTILIZERS.
- IMPROVES SOIL CONDITIONS BY INCREASING AGGREGATION.
- SUPPRESSES THE ACTIVITY OF CERTAIN FUNGAL DISEASES.

TurfTech Plus works to improve soils in four ways: MAXIMUM ACTION!

1. TurfTech Plus formula adds plant enzymes and fermentation by-products that speed-up the decomposition of the thatch layer in turfgrass. Helps maintain a porous, open, well aerated soil profile. ***CONVERT THATCH TO HUMUS!***
2. TurfTech Plus supplies free nitrogen from biological nitrogen fixation. Regular application of Turf Tech Plus during the growing season assures steady, even growth. The result is higher quality turfgrass and reduced need for synthetic fertilizer. ***CUT FERTILIZER COSTS!***
3. The organisms in TurfTech Plus add polysaccharides which can increase soil aggregation (crumb structure). Hard soils become more porous and mellow because of this aggregation process. Light soil will hold moisture better under dry conditions. ***REVERSE SOIL COMPACTION!***
4. TurfTech Plus provides several strains of rhizobacteria that are proven fungal antagonists. These beneficials help produce conditions that reduce the incidence and severity of damaging fungi such as Fusarium, Pythium, Rhizoctonia, and Sclerotinia. ***INHIBIT TURF DISEASE!***



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TECHNICAL DATA

DESCRIPTION: TurfTech Plus consists of multiple varieties of dormant, beneficial microbes (and their by-products) in a powder form that is mixed with water, liquid fertilizer, or certain compatible chemicals, for spray application or injection into irrigation systems.

PRODUCT PURPOSE: The concentrated formula is applied to the soil and the introduced microbes deliver numerous organic compounds. These include nitrogen from nitrogen fixation, polysaccharides, plant growth hormones, essential aminos and enzymes. Certain organisms help accelerate the reduction of thatch build-up, while others compete in the root rhizosphere with damaging fungi.

DOSAGE: Apply 8 oz. of TurfTech Plus in 40 - 100 gallons of water per acre at 4 - 6 week intervals during the growing season. Water in within 24 hours after application (a normal night-time irrigation cycle will be sufficient). TurfTech Plus should not be mixed with chlorinated water. Dechlorinating agent is provided.



COMPOSITION INGREDIENTS:

Bacillus Spores (of natural origin), Chlorophyta & Cyanophyta (desiccated), Enzymes, Fermentation extracts, Buffers, Kaolin Clay (inert).

BENEFITS: TurfTech Plus' beneficial microbes improve plant health and help prevent growth of pathogenic soil fungi. Soil structure is improved by increasing aggregation. Research shows that TurfTech Plus can reduce fertilizer needs and dependence on chemical applications. TurfTech Plus' concentrated formula is inexpensive for broad acre applications. Reduces thatch 10-15% per application.



“Having a biologically active soil is like having a mini fertilizer manufacturing plant producing small amounts of 10-5-2 on a continuing basis.

This system is worth perpetuating.”
Elliot C. Roberts of The Lawn Institute.
“The Biology of Soils”,
Golf Course Management, April, 1989.

CHEMICAL COMPATIBILITY:

Soil Technologies has found that TurfTech Plus cells remain viable when mixed with certain chemical products, providing the mix is not left standing for more than 3 hours (see chemical compatibility chart). TurfTech Plus application should follow by two (2) days or precede by two (2) weeks any application of non-compatible pesticides.

SHELF LIFE: When stored under ambient conditions, the product has a 12 month shelf life. Store in a cool, dry place.

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