



AMERICAN SOIL TECHNOLOGIES, INC.

Soil Therapy™ Soil Medic™

Fertile healthy soil sustains diverse biomass, maintains humus and humic fragments in a functional balance.

Soil Therapy™ is a safe, multifunctional organic product containing simple and complex carbon, humus and humic fragments extracted from a stable soil matrix.

Soil Therapy™ acts as a buffer to stresses created by compaction, pesticides, reclaimed or “poor quality” water and salt accumulation. No fancy chemicals, “lab raised bugs” or other “institutional soup” can replace the effect of a diverse soil biomass. **Soil Therapy™ replaces and restores more specific biological processes than any other product on the market today.**

Soil Therapy™ can be injected with **Nutrismoist® L** - a potassium based cross-linked polymer, which provides a moisture retention and release vehicle - into the turfgrass root zone at a desired depth by the M-216 Liquid Polymer Injector machine. The M-216’s injection knives aerate the soil while injecting, providing multiple benefits for healthy turf.

Soil Medic™ fertilizers complement and enhance the **Soil Therapy™** program. These unique liquid fertilizers supply soils with nutrient-laden carbonous clusters found in naturally fertile soils.

Soil Medic™ features complete analyses containing stable, interactive carbonous clusters that bond N-P-K and other nutrients in a highly efficient suspension fertilizer.

Soil Medic™ offers turf, landscape and nursery managers stable, effective, efficient fertilizers, which do not allow for leaching or volatilization. **Soil Medic™** gently attaches to soil media or particles after the first irrigation.

Soil Medic™ unique, biologically focused fertilizers give soil biomass the nutrients they need to sustain strong, healthy soils that maintain strong, healthy plants.

Benefits of AMERICAN SOIL TECHNOLOGIES’ products and services are cumulative:

- Decrease the effect of poor quality water and increase water efficiency
- Excellent turf color retention, even with extreme temperature fluctuations
- Sustained even growth and enhanced turf density
- Measurable increase in soil biomass activity tested by BBC Labs
- Reduced black layer
- Significant reduction and elimination of high temperature “melting out”
- Less fertilizer and fungicide products needed
- Sizeable root depth enhancement - **plant roots actually follow Soil Medic™ products in the soil.**



Treated with
Soil Therapy™ and
Nutrismoist® L

Untreated

Soil Medic™ Fertilizers:

Soil Medic™ 4.5-2-4.5 2%S	Soil Medic™ Super Cal
Soil Medic™ 6-3-3 3%S	Soil Medic™ Super Iron

The AMERICAN SOIL TECHNOLOGIES' System:



Liquid soil additive placed into the plant root zone that substantially increases water and nutrient efficiency.



M216 Liquid Injector

The patented M216 pumps virtually any liquid product, including our *Nutrimoist® L* and **Soil Therapy™**, into the turfgrass plant root zone through center-drilled stainless steel injection knives dramatically maximizing the effectiveness.

Soil Therapy™

Facilitating The Soils' Physical, Biological & Chemical Balance

A safe, multifunctional soil biomass product containing simple and complex carbon, humus and humic fragments extracted from a stable soil matrix. **Soil Therapy™** is designed to buffer stress created by compaction, pesticides, reclaimed or "poor quality" water and salts accumulation.

Soil Medic™

Proprietary Biologically Available Nutrients

Complete N-P-K and Minor packages containing proprietary extracts that provide necessary nutritional needs for plants and a **Soil Therapy™** food source.