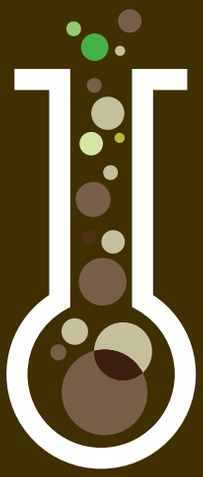
WHAT IS SOILTECH?

SoilTech is an environmentally-friendly liquid formula which is simply mixed with water and applied to the soil. SoilTech is a polymer mixture that opens up pathways in the soil and agglomerates (clumps) soil particles.



In concentrated form, the polymer molecules in SoilTech are tightly compressed and occupy very little space. Aided by gravitational pull and SoilTech's electrical properties, this molecular expansion literally forces SoilTech down into the soil horizon, opening pathways. As SoilTech migrates downward and the molecules continue to expand, beneficial changes to the structure and texture of the topsoil occur.

SoilTech will NOT harm vegetation, soil bacteria or soil organisms, and will NOT burn the turf, even in hot drought conditions.

HOW SOILTECH WORKS

SoilTech is a sticky solution of a negatively-charged polymer mixture that covers very fine particles of soil, binding them into larger clumps. This results in pore space that allows air and water unrestricted movement through the soil. Water percolation and infiltration is improved as a result of the new pore spaces, allowing plants to transfer and uptake nutrient solutions at a much greater rate and from much greater distances.

The negative charge of SoilTech helps the positively-charged nutrients wick their way to the plant root systems without tying up their availability. The plants better utilize fertilizer applications, lower fertilizer consumption, and fertilizer run-off is reduced, thereby lowering the chance of pollution.

In high sodic and/or saline soils, leaching of the alkaline salts is greatly enhanced with the use of SoilTech. The strong negative charge of the polymers dissolves the alkaline salts. This allows the bicarbonates to leach deeply into the soil profile thus removing them from the root growth areas. The end result is lower bicarbonate levels and reduction in sodium levels because of the quick release of insoluble calcium, all of which will improve soil structure.

SOIL TECHNOLOGIES