

turfSolution+

Microbial Soil Inoculant



TS+ Microbial Inoculant is an essential tool in sustainable and organic management of healthy turf. Natural microbial inoculants have been utilized around the country to improve turf quality all without the use of dangerous fungicides and pesticides. **TS+** is a necessary technology for the golf course industry to help meet new city and state government mandates that require up to an 80% reduction of most fungicides and pesticides. The public is now demanding turf management that does not compromise the environment or our health. **TS+** represents a viable solution, and is a safe and effective alternative for residential lawns, city parks, schools, and golf courses.

TS+ supplies a beneficial micro-ecology that improves soil structure, drainage, and water retention of the soil's rhizosphere (root zone). **TS+** will significantly improve turf quality during the months of extreme heat and moisture when disease pressure is greatest.

Amount of Turf Stress	Application frequency	Application Rate (TS+:Water)	Hose-end sprayer setting
Low	Once a month	1:100	1-1.5oz./gallon
High	Once a week	1:50	2-3oz./gallon

Recommendations for a successful TS+ lawn:

1. Apply the **TS+** with a hose-end sprayer, backpack sprayer, or inject **TS+** into the irrigation system. **TS+** can be applied once a week during periods of extreme drought or rain and once a month for maintaining optimal turf quality and health.
2. Use organic fertilizers with **TS+**. During cool weather apply **TS+** with plusMinerals Trace Mineral Concentrate. In the fall or spring Turf Solution can be applied with plusMinerals' **plantSolution+**.
3. Use a "mulching mower" to chop and redeposit the grass clipping. Spray **TS+** onto the turf after mowing. This enables the clippings to rapidly breakdown into stable organic matter for the soil. Organic matter particles provide a home for **TS+** to establish in the soil.

plusMinerals, Inc.

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