

STRESS RELIEF, AERATION RECOVERY, AND ROOT ZONE PROGRAM



MACRO-SORB® RADICULAR

Macro-Sorb Radicular is specifically formulated for maximum performance in the root zone

- The amino acids in Radicular are specifically chosen to promote root growth and to encourage new root initiation.
- Increases stress tolerance throughout the growing season and promotes rapid aeration recovery
- Apply 4.0 fl. oz/M biweekly for root zone maintenance. For enhanced aeration recovery, apply 6.0 fl. oz/M prior to and following aeration.

MACRO-SI™ ADVANCED SILICON

Macro-SI is a proprietary formula containing soluble silicon activated with a complex of amino acids to boost absorption of silicon into plant tissue.

- Silicon reinforces cell walls and membranes, leading to an increase in wear tolerance to turfgrass plants, especially prior to special events and aeration.
- Macro-SI can be taken up by plant roots or shoots; however, greater absorption efficacy is achieved following soil applications at 1.0 – 2.0 fl. oz/M

MACRO-PHITE™ PERFORMANCE PHOSPHITE

Macro-PHITE is a dual-action phosphite fertilizer formulated with Macro-Sorb L-amino acids to increase a plant's resistance to biotic and abiotic stresses.

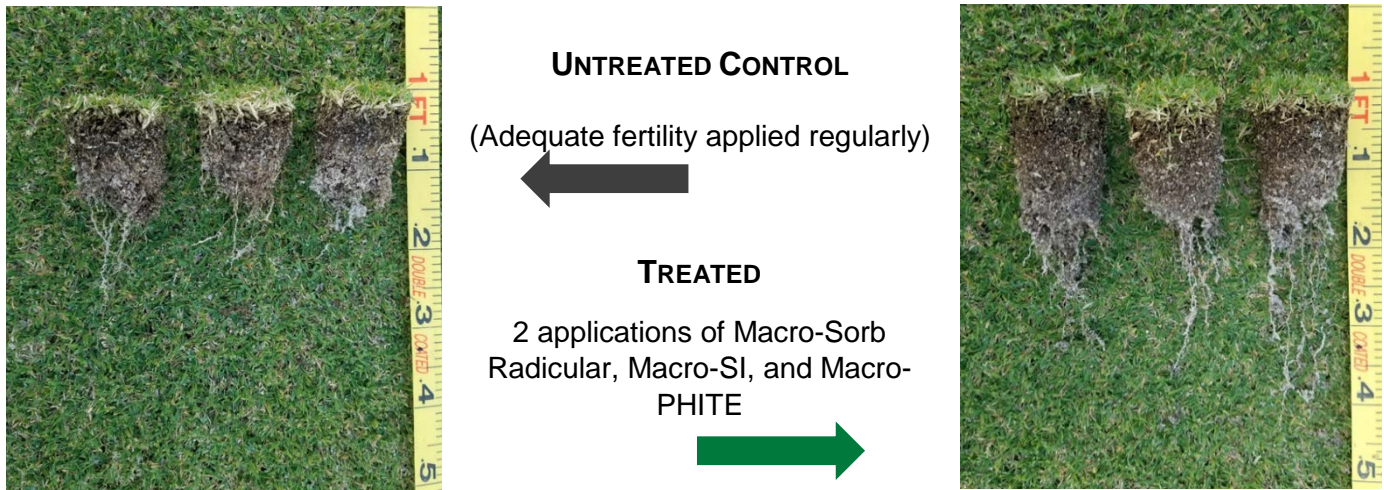
- Taken up by plant roots or shoots – Highly mobile within the plant
- Amino acid complex helps prevent phosphite oxidization to provide a more stable compound compared to standard phosphite fertilizers

WWW.MACROSORB.COM
(856) 266-9440

**MACRO-SORB®**
— TECHNOLOGIES LLC —
ADVANCED AMINO ACID NUTRITION™

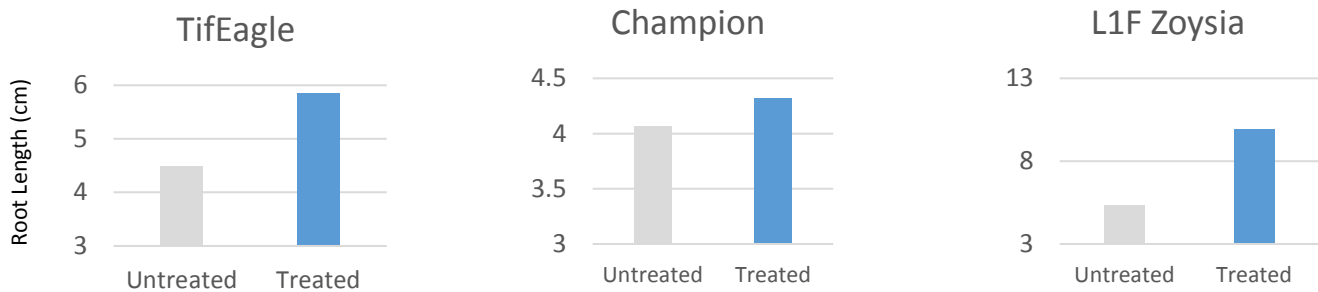
MACRO-SORB WARM SEASON ROOT GROWTH TRIALS

Research Site 1 – Naples, FL – TifEagle bermudagrass green

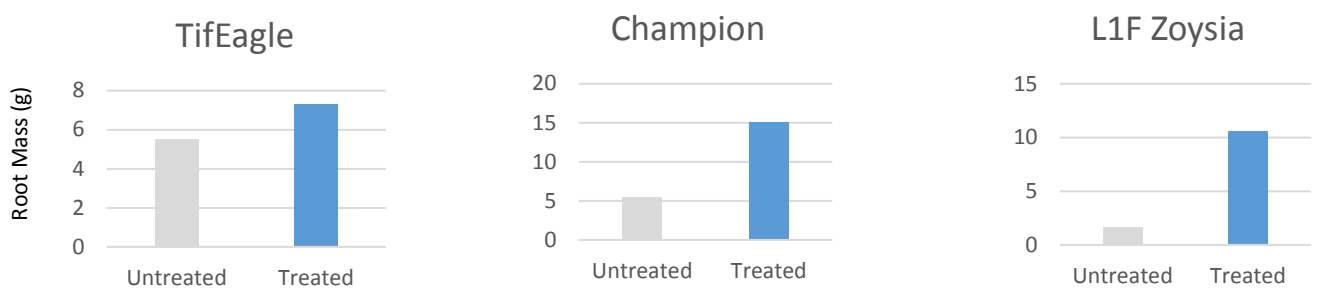


Research Site 2 – Palm Beach, FL

ROOT LENGTH IMPROVEMENTS IN MULTIPLE TURF TYPES



ROOT MASS IMPROVEMENTS IN MULTIPLE TURF TYPES



MACRO-SORB WINTER STRESS PROGRAM

Apply Macro-Sorb Radicular, Macro-SI and Macro-PHITE as a tank mix and water in application with at least a few head turns of irrigation. Repeat application every 14-21 days from October through March to enhance rooting and increase “winter” stress tolerance of warm season turfgrass.

- **Macro-Sorb Radicular:** 4.0 – 6.0 fl. oz per 1000 sq. ft.
- **Defend Macro-SI:** 2.0 fl. oz per 1000 sq. ft.
- **Defend Macro-PHITE:** 1.5 -2.0 fl. oz per 1000 sq. ft.

**Improve soil moisture uniformity by adding in a high quality soil surfactant such as SMS 700 or SMS 400*