

Soltellus™ 2000L

Maximize Your Turf Quality, Soil Health, Water Conservation and Efficiency

Overview

Soltellus™ is a multifunctional, biodegradable, water-soluble amino acid polymer that improves nutrient retention and availability. It also enhances biodiversity in the soil microbiome, irrigation uniformity, water conservation and quality. Soltellus helps turf managers achieve superior turf performance, improve root development, and reduces input and maintenance costs.

Benefits

ADVANCES NUTRIENT AVAILABILITY

Soltellus enhances nutrient delivery and retention, ensuring essential nutrients stay in the root zone longer and remain available to turf throughout critical growth periods. This leads to stronger root development, improved stress tolerance, enhanced turf quality and color without relying on nonbiodegradable polymers.

BETTER WATER CONSERVATION & QUALITY

Soltellus reduces the impact of hard water by chelating ions such as calcium and magnesium. This reduces scale buildup, maintains a cleaner irrigation system, efficient water delivery, root zone penetration, and moisture retention under varying stress conditions. Better irrigation uniformity advances turf health through consistent growth patterns, improving playing surfaces, and reduces localized dry spots.

ENHANCES SOIL HEALTH

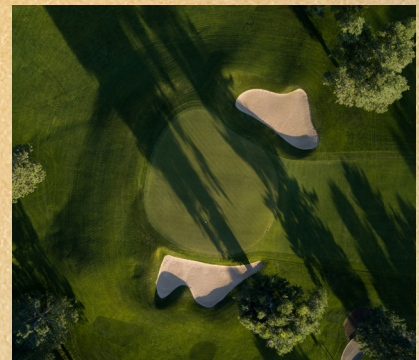
Soltellus boosts organic matter content in the soil. Since Soltellus is biodegradable it does not leave behind potentially harmful heavy metals versus other non-biodegradable polymers such as polyacrylates, microplastics, and chelators like EDTA. Soltellus helps jump start the soil microbiome feeding a healthier natural soil for maximum turf performance.

10%

Up to 10%
Yield Increases
in Soltellus™
Treated Crops

2-6X

Return on
Investment



Application Rates and Use Guidelines

Target key growth stages for best results.

Applications should be made with or at the same time as fertilizer products for best results but can be tank-mixed with other agrochemicals.

- **Single application:** Apply early in the growing season.
- **Multiple applications (preferred):** Apply every 30-45 days during the active growing season and times of stress

Compatibility: Tank-mix compatible with most fertilizer solutions and turf management products. Always perform a jar test prior to any applications.

APPLICATION METHODS

- **Liquid Injection:** Through irrigation systems.
- **Broadcast** soil and foliar applications.
- **Tank Mix:** with liquid fertilizers and/or biological products.

APPLICATION RATES

- **Golf Courses:** spray 0.75-2 fl.oz. per 1000 sq.ft. to actively growing turf. Product can be directly injected into irrigation with a recommended concentration of 25-50 ppm (0.5-1 gal Soltellus per 10,000 gal water)
- **Sports Turf:** apply 1.5-2 fl.oz. per 1000 sq.ft. to actively growing turf.
- **Lawn Care and Landscape:** 1.5-2 fl.oz. per 1000 sq.ft.
- **Sod Farms:** 32-64 fl.oz. per acre.

Suggested Application Timings

	<h3>GOLF COURSES</h3> <ul style="list-style-type: none"> • Golf Greens: 0.75-1.5 fl.oz. per 1000 sq.ft. monthly during the growing season. • Tees: 1.5-2 fl.oz. per 1000 sq.ft. every 6-8 weeks. • Fairways: 2 fl oz per 1000 sq.ft. every 8-10 weeks. • Tournament Prep: 1 fl.oz. per 1000 sq.ft. 7-10 days before the event.
	<h3>LAWN CARE</h3> <ul style="list-style-type: none"> • Spring Green-Up: 1-1.5 fl.oz. per 1000 sq.ft. at first fertilizer application. • Summer Stress: 0.75-1 fl.oz. per 1000 sq.ft. monthly during heat stress periods. • Fall Recovery: 1-1.5 fl.oz. per 1000 sq.ft. with fall fertilizer programs. • Overseeding: 1 fl.oz. per 1000 sq.ft. at seeding and 30 days after.
	<h3>SOD FARMS</h3> <ul style="list-style-type: none"> • Establishment: 32-64 fl.oz. per acre at seeding/sprigging. • Root Development: 32 fl.oz. per acre monthly during active growth. • Pre-Harvest: 32 fl.oz. per acre 2-3 weeks before harvest with green-up applications.
	<h3>SPORTS TURF</h3> <ul style="list-style-type: none"> • 32-64 fl.oz. per acre during the growing season or times of stress.