



2023

Product Guide

Innovativeturfsupply.com

Sprayable Fertilizer



Turf and Soil Solutions is dedicated to bringing the latest fertility technology to the golf and turf market. TSS products are produced using revolutionary processes and nutrient sources to create a safe, highly effective, compatible, user friendly tool for turf professionals to utilize when premium turf conditions are required.

Foundational Products



Turf and Soil Solutions offers a cost effective foundational line utilizing conventional sources of fertility. These products can serve as the foundation for a comprehensive fertility program.

Plant Derived Nutrition



Turf and Soil Solutions produces unique, cutting edge, one of a kind, high analysis plant derived fertility products. Being plant derived allows for unparalleled safety, efficiency, and most importantly performance.

PRO N Family

Protein nitrogen is a plant derived carbon based form of nitrogen. The PRO family of products utilize protein in conjunction with various other nutrients to further enhance performance. Notably the Pro N Si is a 100% plant derived nitrogen and silica product. The protein and plant derived silica work synergistically to provide results unattainable by conventional silica products.

PRO CAL - Water Soluble Ca Powder

PRO CAL 20+ is truly a one of a kind calcium product. Through advanced processes this product is rendered water soluble. This is a never before seen way to add nutritional calcium to your fertility program.

For detailed information visit www.TurfSS.com

Sprayable Fertilizer



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PRO K - Plant Derived 20% Potassium

PRO K is a one of a kind potassium source derived from plants. The potassium found in PRO K has been extracted directly from living or once living plant material in an unaltered state. The benefit of this process to the end user is a clean, organic, highly available source of potassium without the additional sulfate, chlorides or nitrates that accompany conventional fertilizers. Thus providing unrivaled safety and efficacy

Uni - Max - Freshwater Algae Extract

UNI-MAX is a proprietary Freshwater Algae Extract. UNI-MAX is derived from a specific Freshwater algae strain grown for the sole purpose of eventually becoming a plant nutrient. Grown in stable conditions in a controlled environment, this freshwater algae is also harvested and processed in the gentlest manner to maintain its natural balance. Unlike seaweed, kelp and other ocean grown nutrients (bio-stimulants), a more consistent product quality and plant response can be predicted from UNI-MAX when it has been grown in a stable controlled environment.

LES - Microbiological Super Food

LES is a proprietary blend of plant amino acids, proteins, and carbohydrates that stimulate and accelerate the natural organic breakdown of plant residues. This supplementation and rapid breakdown of organic matter provides an excellent energy source for microbiological organisms in the soil system.

Sprayable Fertilizer



Water Soluble Fertilizer

ITS has partnered with one of the premier water soluble fertilizer manufacturers to produce three formulations ideal for professional turf management. Water soluble fertilizers offer tremendous value and versatility when combined with a comprehensive spray program.

28-8-18

Urea and Micros

20-0-20

Nitrate based
High Potassium

0-45-30

Phosphorus
Potassium
Micros



NACHURS[®]



9-4-9 “Turf Mix”

Nachurs 9-4-9 “Turf Mix” is a Premium Liquid Foliar Fertilizer offering an extremely cost effective highly efficient approach to fairway fertility.

Tote size: 275 gal



RightLine[™]

INNOVATIVE
TURF SUPPLY



LIGHT IT UP

- 5% Iron Glucoheptonate in a soluble form to maximize uptake
- Absorbed by plant tissue and roots for immediate and long-lasting color
- Amino Acid package to help with uptake and plant stimulation
- Soil Stimulation package to increase root uptake
- Use with Trinexapac Ethyl to enhance PGR
- Standard base rate of 32 oz per acre (0.75 fl oz per 1000) provides great color uptake and offset bronzing in warmer temperatures
- Conveniently packaged in 2.5-gallon containers

Application Rate: 32-64 oz/acre

Granulars



Innovative Turf Supply can source almost any granular analysis you desire including pre-emergent treated fertilizers. Some of our granular partners include Bonus Crop Fertilizer and American Plant Food. These fertilizers are offered in 50 pound bags, 1000 pound bags or 2000 pound bags for fairway applications.



98G pelletized limestone and SO4 pelletized gypsum, are manufactured in Iowa, atop some of the purest limestone and gypsum deposits in the world. Calcium Products mini size products are pan-granulated down to a small 50 mesh screen size. They melt down with minimal water and are an excellent choice for putting greens.



TURF AND SOIL SOLUTIONS

19-0-5

0-0-10

0-0-0 36% CA

6-1-6

Innovative Turf Supply offers the above formulations produced by Turf and Soil Solutions. These greens grade fertilizers are SGN90 pan-granulated homogenous products bridging organic and traditional fertility.



PHYSIOCAL

- Calcimer provides labile calcium, helps increase availability of soil nutrients, and improves soil structure. It is an excellent replacement for gypsum, with a much lower use rate.

- Homogenized granular with 1% seaweed extract
- Increase root mass and improves plant health

PHYSIOSTART

- 8-28-0, 9% Ca, 9% S, 2% Zn

- Delivers critical nutrients for crop establishment

Organic Acid



TURF AND SOIL SOLUTIONS

Turf and Soil Solutions organic acid products are the next generation of acids for turf managers to alleviate chemical bonding in soils. Unlike traditional sulphuric acid preparations, organic acids are safe, non-corrosive, cost effective, and sustainable. TSS organic acids come in three formulations, Seacure Cal, Seacure Cal Max, and LS 360. Each one is designed for different challenges and conditions.

Sea Cure Cal

SeaCure-Cal is a weak carbon based organic acid complex and cofactor that is highly effective in the reduction of chemical bonding in soil and water. With low application rates, the normal risks associated with acid is eliminated.

SeaCure-Cal will boost the availability of the good salts like calcium and magnesium while improving the solubility and leaching of bad salts such as carbonates and sodium.

SeaCure-Cal will provide two reactions in soils. Lime reacts with the organic acid component to form Calcium Glycolate, which is 5 times more soluble than Gypsum. Thus, a reaction with SeaCure-Cal will provide Calcium that is 5 times more available for nutrient use or in an exchange reaction. Additional ion reactions free up other available nutrients: Nitrate, Phosphate, Potassium, Zinc, and Iron.

Sea Cure Cal Max

Seacure-Cal Max has all the benefits of Seacure-Cal with the addition of a stress relieving compound. Seacure-Cal Max can assist in the regulation of water movement and transport molecules within the phloem and xylem that affect growth.

LS 360

LS 360 has an additional proprietary ingredient that is more aggressively focused on sodic conditions. This product should be used in rotation with Seacure Cal to manage sodium in all turf and soil types.

Injection

Organic acids are an excellent choice for injection when water conditions are marginal or poor. The non-corrosive nature of these acids prevent any damage to expensive pump parts or pipe. Any of these products can be packaged in 2.5 gallon jugs, 30 gallon drums, or 275 gal totes.

Organic Acid

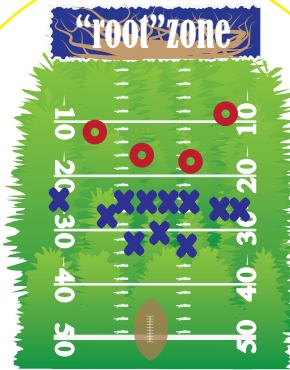
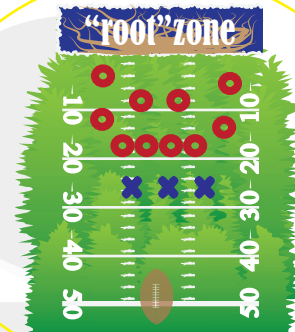


TURF AND SOIL SOLUTIONS



Turf and Soil Solution's Seacure-Cal and LS360 are weak carbocyclic acids. Both promote the breakdown of chemical bonds, allowing bad salts to flush through the soil while Calcium and Magnesium becomes more available.

Without application, we often see a ratio of Calcium to Sodium at 2:1 or worse. This leaves Sodium much more likely to be taken up through the roots hendering your plants health and growth. In this example, we are severely outnumbered.



With an Application of Seacure-Cal, the molecules begin to break down. The Sodium is flushed swinging the ratio of Calcium to Sodium in our favor. In this example, Calcium is more likely to reach the "root" zone giving your plant vital nutrients.

Both are perfect for sprayable application and injection systems

**2.5 gal jug
30 gal drum**



Control Products



Quali-Pro® has been a leader in the development of innovative and post-patent formulations, offering professionals the industry's widest array of active ingredients. Quali-Pro provides solutions for lawn care professionals, sports turf managers, and golf course superintendents that are backed by university research and a dedicated staff of professionals.

Meet the most all-encompassing and easy-to-use herbicide for southern turf. With powerful resistance management and broad-spectrum control, Coastal™ Herbicide can be used safely on all the four major warm-season turf grasses without the need to tank mix.



SOILTECH
Serving Eco Agriculture

Soil Technologies is committed to providing the highest quality, environmentally sound products, to offer a viable contribution to the emerging global market for safe, sustainable regenerative solutions in agriculture and turf management.

Agricultural chemicals and specialty products for improved productivity, quality and management in the crop protection marketplace.



RightLine

With RightLine™ herbicide and fungicide products, they give you the power to fight and control plant pests and nuisances. Their chemical technologies are designed with perfection in mind to achieve the best turfgrass quality. Products such as Sulfencore, Nemalectin and Pronamide are on the laundry list of high end control products from Right Line.

SULFENCORE



NEMAMECTIN™ 0.7 SC



PRONAMIDE 3.3 SC



Adjuvants - Surfactants



Results. Expect it.®

Precision Laboratories produces a multitude of quality wetting agents, tank adjuvants, colorants, aquatic products, tank cleaners and spray indicators. Innovative Turf Supply offers the entire Precision line however, the following products are kept in stock.

Wetting Agents

Duplex - Water Infiltration

Magnaplex - Water Infiltration and Hydration

Vivax - Water Infiltration and Hydration

Precip - Water Infiltration and Hydration, Excellent injection product

EZ - Tabs - Rescue Tablet

Vivax Tabs - Water Infiltration and Hydration Tablet

Spray Tank Adjuvants

Border 2.0 - Drift Control and Deposition Aid

Microyl - Crop Oil Replacement

Pen-a-trate - Premium Nonionic Surfactant

Maintenance Products

Knockdown - Defoamer

Incide out - Tank Cleaner

Indicators

Super Signal Blue - Concentrated Blue Spray Indicator

Runway - Foam Marker



Agrono - Lytics

Agrono - Lytics produces several wetting agents designed to be combined in different ratios depending on water conditions and desired outcome.

Uniformity - 100% blend of surfactants for water penetration

Top Heavy - 100% blend of surfactants for water retention

Cut Down - 100% Silicone Surfactant for maximum water penetration

Services - Accessories

Logan Labs LLC



Innovative Turf Supply utilizes Logan Labs for all soil, paste, tissue, physical and water sampling needs. In order to make solid agronomic recommendations, it is crucial to obtain accurate data that can be relied upon. Logan Labs is an industry leader in highly accurate testing with a quick turnaround.

Turf Disease Testing

Turf Diagnostics Inc. provides a fast and accurate diagnosis for all kinds of turf diseases. Whenever there is a question regarding turf decline, a quick accurate diagnoses can save turf and money by ensuring the correct active for the disease is applied.



GreenLeaf Technologies

Green Leaf Technologies manufactures high quality nozzels for all of your spraying needs. Green Leaf offers a multitude of nozzel options including air-induction, non air-induction, dual fan, ceramic, and variable rate nozzles.



Xton Green Covers

Green Leaf Technologies manufactures high quality nozzels for all of your spraying needs. Green Leaf offers a multitude of nozzel options including air-induction, non air-induction, dual fan, ceramic, and variable rate nozzles.

Xton Inc.

Unique Additives



Soil Tech offers effective alternatives for disease and pest controls, fertilizers, soil conditioners, biostimulants, aquatic and soil bioremediation products. SoilTech products have been developed through original research and development, along with licensed technologies from other companies and universities.

Liquid Aeration

Soil Tech liquid aeration program consists of combining two products. Thatch Relief and Oaysis Ultra.

Thatch Relief biologically reduces thatch while Oaysis Ultra acts as both a wetting agent and a microbiological food source.

Armorex

Armorex is a unique pesticide and repellent product, formulated from botanical extracts. This multi-action liquid kills soil pathogens and nematodes on contact and then maintains a repelling action against nematodes and many other soil insect pests.

Bio Mega

The TurfTech Bio-Mega formula adds a diverse concentration of beneficial microbials that are known to improve turf rooting, nutrient uptake, and plant health.

www.Soiltechcorp.com

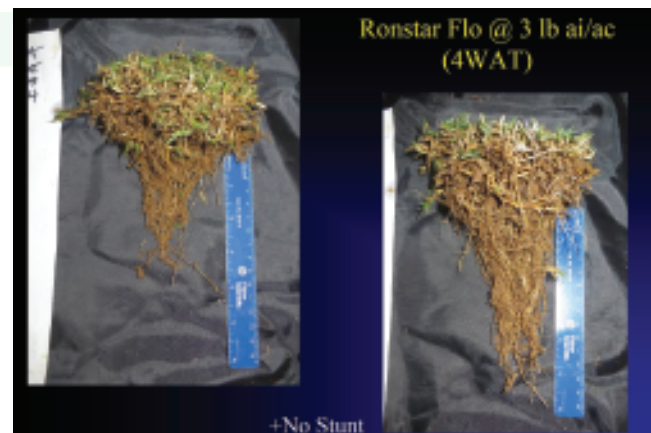


MegaGro is a remarkably useful tool in the pursuit of root development. MegaGro is a combination of Indolebutyric acid and Cytokinin. These two plant regulators are proven to initiate and promote root growth. MegaGro is a fabulous product to encourage a vigorous deep vibrant root system.



No Stunt

No-Stunt is a product produced by Timac Agro that substantially reduces turf and root damage caused by various herbicides and plant growth regulators. As seen to the right when No-Stunt is combined with Oxadiazon root damage is dramatically reduced. No-Stunt is an excellent addition to any root pruning herbicide. No-Stunt can also be used with plant growth regulators. Regulation is not effected while discoloration or bronzing is eliminated.



www.Thinkdifferentfarmbetter.com