



Maximizing Earth's Potential

MICROBIAL TURF PRODUCTS CATALOG



About TerraMax

TerraMax has developed a unique method for stabilizing the bacteria to “keep it alive” and ready to work for our customers. This industry-first stabilization formula allows the bacteria to enter the rhizosphere and perform its two key functions: root growth stimulation and nitrogen fixation.

These two key functions have been demonstrated through multiple university studies, including research conducted by the University of Nebraska, the University of Wisconsin, the University of Iowa, and the University of Florida.

Azospirillum is scientifically proven to improve root structure and fix atmospheric nitrogen, creating plants that can better withstand changing weather conditions and other environmental stresses. Whether producing greener, hardier turf or increasing crop yields, *Azospirillum* is proven to work.

For more than 20 years, TerraMax users across agriculture and turf have relied on consistent performance and proven results.



TERRAMAX'S INDUSTRY-FIRST FORMULATION IS DIFFERENT

- Fixes Nitrogen
- Stimulates Root Growth
- Increases Plant Growth
- Uses Naturally Occurring Bacteria, *Azospirillum*
- Is Scientifically Proven to Work



TAZO-ST



GET FASTER ESTABLISHMENT

Introduce TAZO-ST Dry to your turf maintenance operation. TAZO seed treatment is another way to gain the advantage of *Azospirillum*.

WHAT MAKES TAZO-ST Dry DIFFERENT?

TAZO-ST Dry is an easy and effective method of applying stabilized *Azospirillum* bacteria to seed prior to planting. The bacteria adhere to the seed coat and remain available and viable at the time of planting.

Once the treated seed is planted, the roots and bacteria unite to form a dynamic interaction. The bacteria begin fixing atmospheric nitrogen for the plant while exuding compounds that stimulate root growth. This enhanced root development creates additional attachment sites for the bacteria, resulting in a mutually beneficial, self-reinforcing system.

Through these functions, TAZO-ST Dry enables plants to:

- Improve utilization of available soil nutrients
- Acquire nitrogen from atmospheric sources
- Reduce dependence on applied elemental nitrogen

HOW TO APPLY IT

TAZO-ST can be mixed with the seed using various equipment from a bucket-mix method to commercial seed treaters.



Improve Establishment & Coverage
Fix Nitrogen for Continuous Availability
Easy to Use
Increase Root Mass

INCREASE YOUR ROOT MASS

Introduce TAZO-B to your turf maintenance operation. The active ingredient in TAZO-B is *Azospirillum*. Through university studies and independent testing, *Azospirillum*, our proprietary formulation, has been proven to increase root mass and fix atmospheric nitrogen.

APPLYING TAZO-B

TAZO-B may be applied with tank sprayers, fertigation systems and hose-end sprayers for small localized treatments. Once applied and watered in, TAZO-B travels to the roots and starts to work immediately. The enhancement of rooting and the continuous fixing of nitrogen are integral to hardy stress-tolerant turf.

TAZO-B BENEFITS

TAZO-B will not run-off or contribute to leaching problems associated with traditional nitrogen applications, protecting the ground water while nitrogen is constantly being supplied to the plants. This application also eliminates the appearance of common fertilizer granular products and reassures those who use your turf to feel secure in walking and playing on recently treated turf.





WHAT CAN TAZO DO?

- Fixes Atmospheric Nitrogen
- Stimulates Root Growth
- Increase Stress Tolerance
- Does NOT Burn Turf



FAST FIX

REPAIR DIVOTS WITH EASE

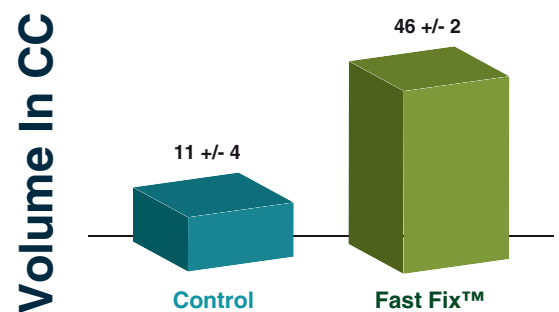
Don't let golf clubs or cleats get the best of your turf. Use FAST FIX to treat divots by improving the survivability of the seed. The water holding capacity of FAST FIX keeps the new seeds moist as germination and emergence occur. The active ingredient in FAST FIX is *Azospirillum*, *Azospirillum* promotes root growth and fixes nitrogen.



WHAT MAKES FAST FIX DIFFERENT?

- Faster Germination
- Keeps Moisture by the Seed
- Better Stand
- Fixes Nitrogen
- Stimulates Rooting
- Increases Growth

Kentucky Bluegrass Root Volume



TerraHume



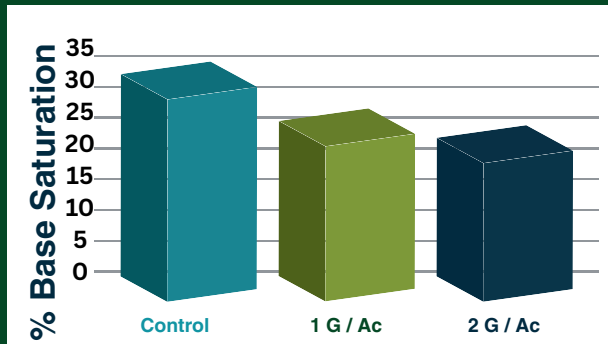
ENHANCING TURFGRASS TECHNOLOGY

TerraHume is a soil conditioner for turf. By increasing soil carbon and enhancing the soil microbiome, TerraHume supports soil fertility and resilience, and reduces the impact of sodium (salt) on turf.

What Can TerraHume Do?

- Natural Soil Conditioner
- Increases Soil Carbon
- Improves Soil Structure
- Reduces Sodium (Salt) Impact to Turf
- Increases SP Fertility
- Compatible with Most Inputs

Percent Base Saturation - Sodium



TerraSoft



SOFTEN COMPACTED SOILS WITH TERRASOFT

TerraSoft can help with compaction issues and provide a proven tool for turf management.

- Improve water infiltration
- Lessen compaction issues in high traffic areas
- Soil penetrant

TerraSoft is a blend of micronutrients, wetting agents, penetrants, and chelating agents. This product contains chelates of 0.05% copper and 0.1% iron and has proven particularly useful in compacted and high-traffic areas. TerraSoft is designed to penetrate soil rapidly by altering the surface tension of soil particles. The combination of wetting agents allows the product to be readily absorbed by soil particles, resulting in improved water and nutrient infiltration throughout the soil profile.

BENEFITS

- **Increases the Soil's Ability to Absorb Water**
- **Supplies Micronutrients throughout the Root Zone**
- **Softens Compacted Soils**



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