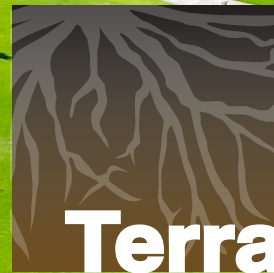


# MICROBIAL TURF PRODUCTS CATALOG



**TerraMax** Inc.

Maximizing Earth's Potential

# About TerraMax

## THE BACKBONE OF TERRAMAX PRODUCTS IS MICROBIAL EFFECTIVENESS

Our current line of products are based on the bacterium *Azospirillum*. This is a naturally occurring bacteria found in soils all around the world, and has been under review for decades.

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 get into the rhizosphere and perform its two key functions of root growth stimulation and nitrogen fixation.

These two key functions have been demonstrated by several University studies, including 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 stand up to changing weather condition and other stresses. Whether it's greener, harder turf or increased crop yields, *Azospirillum* is proven to work.

For more than 10 years, TerraMax users in fields from agriculture and turf, to ornamentals have continually reported healthier plants and improved 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 and Liquid to your turf maintenance operation. TAZO seed treatment is another way to gain the advantage of *Azospirillum*.

## WHAT MAKES TAZO-ST DIFFERENT?

TAZO-ST Dry is an easy method of applying stabilized *Azospirillum* bacteria to the seed before planting it in the soil. The bacteria adheres to the seed coat and is available and viable at the time of planting.

Once the treated seed is planted, the roots and the bacteria unite to create a dynamic interaction, and the bacteria starts fixing atmospheric nitrogen for the plant. The bacteria exude compounds that stimulate root growth. This creates even more attachment sites for the bacteria, producing a win-win situation for its users. These functions allow the plant to better utilize the available soil nutrients and acquire nitrogen from sources other than the 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.



**WHAT TAZO-ST CAN DO?**  
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*, a naturally-occurring bacteria found in most soils.

Through university studies and independent tests, *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-B DO?**  
**Fixes Nitrogen**  
**Stimulates Rooting**  
**Increases Growth**  
**Increase Stress Tolerance**  
**Does NOT Burn Turf**

# FAST FIX

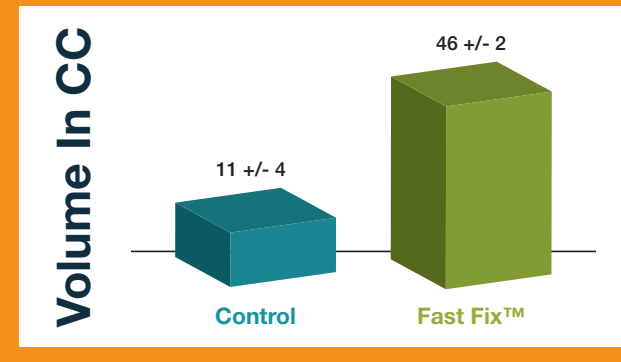
## REPAIR DIVOTS WITH EASE

Don't let golf clubs or cleats get the best of your turf. Use FAST FIX™ to treat divots by improving the survival 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*, a naturally-occurring bacteria found in most soils and proven effective by university studies to promote root growth and fix 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



# HuMax

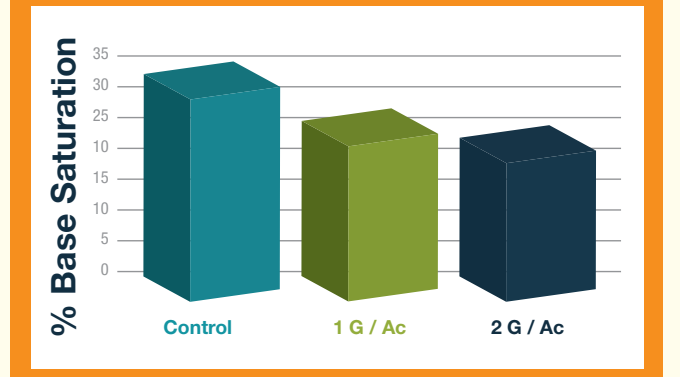


## ENHANCING TURFGRASS TECHNOLOGY

HUMAX is a humate soil conditioner for turf. Humates are a natural soil conditioner. Increasing soil carbon and beneficial microorganisms will lead to improved fertility uptake and reduce sodium (salt) impacts to turf.

- WHAT CAN HUMAX DO?
- Natural Soil Conditioner
- Increases Soil Carbon
- Improves Plant Health
- Improves Soil Structure
- Beneficial Microorganisms
- Reduces Sodium (Salt) Impact to Turf
- Increases SP Fertility Uptake
- Compatible with Most Inputs

### Percent Base Saturation - Sodium





## WATER MANAGEMENT = IMPROVED TURF HEALTH, COST MANAGEMENT AND SUCCESSFUL OPERATIONS

**TerraSoft can help with these 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. This formula has been particularly useful in compacted and high traffic areas.

TerraSoft has been designed to penetrate soil rapidly. It also changes surface tension of soil particles. TerraSoft combines wetting agents allowing for absorption of this product to soil particles. This in turn allows for better water and nutrient infiltration in the soil.



## BENEFITS

**Increases the Soil's Ability to  
Absorb Water**

**Supplies Micronutrients  
throughout the Root Zone**

**Softens Compacted Soils**

**Eases Water Infiltration**

**Inexpensive & Easy to Use**

**Compatible with Fertilizers  
and Most Preplant &  
Pre-Emergent Pesticides**



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