



PhycoTerra[®] ST

Seed Treatment

2023

How do you maximize the most valuable asset on your farm?

75% of microbes (bacteria & fungi) found in soil are dormant. Without a proper food source, your soil cannot maximize nutrient availability & water retention, contributing significantly to crop growth & development.



Wake them up with ...

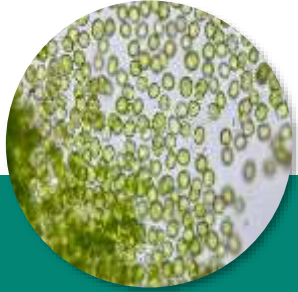


PhycoTerra[®]



**WAKE UP YOUR
SLEEPING GIANT**

What are Microalgae?



Single-celled algae that convert sunlight, water, & carbon dioxide



Superior food source for the microbiome to support healthy crops



Applicable for various soil types to feed the microbiome



Application has proven beneficial impacts in various cropping systems



Product Details



Unique Mode of Action with proven on-farm results

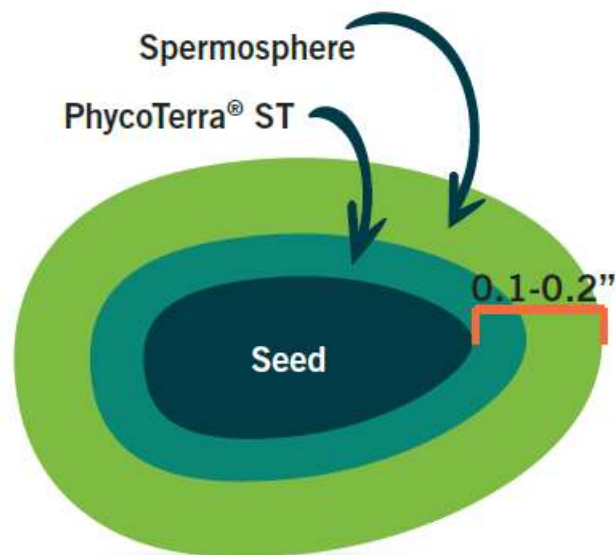
Proprietary, Innovative Formulation

FEATURES BENEFITS

- Improves microbiome for both the seed and immediate soil around the seed at planting (spermosphere) with inert microalgae superfood
- Delivers superior food source to microbes that optimize germination, early vigor, faster-developing root structure, and improved stand establishment
- Offers low application rates with notable, consistent ROI & yield increases
- Compatible with other seed treatment blends (fungicides, insecticides and inoculants) and nematicide/soybean SDS mixtures
- Easy-to-use with no special equipment needed for application or special storage requirements.



Seed Treatment Mode of Action



SUPPORTS SOIL HEALTH

PhycoTerra® ST activates the seed and soil microbiomes, which are the key promoters of soil quality and soil health before and during your seed's germination. Waking up microbes, both bacteria and fungi, early in the season can help support your crop throughout the growing season.

OPTIMIZES YIELD POTENTIAL

PhycoTerra® ST supercharges the spermosphere and activates beneficial microbes that are critical to a seed's eventual germination, early vigor, root-structure development, and stand establishment. PhycoTerra® ST helps unlock your seed's potential and delivers increased yield results.



See how beneficial soil microbes grow toward PhycoTerra® on the seed

UNTREATED CONTROL

22 hours after plating
non-pathogenic
microbes



PHYCOTERRA®

Cells are not just **growing**
but **moving** towards the
PhycoTerra® coated seed



Application Rates by Crop

Product Description	Crops and Timing	Recommended Rates
<p>PhycoTerra® ST is an award-winning, innovative microalgal seed treatment produced to supercharge the seed and the immediate soil microbiome around the seed by adding high-quality carbon source to the coating.</p>	<p>Corn, Cereal Grains, Canola Cotton Soybeans Dry Beans, Peas, Lentils Cover Crops</p>	<p>2-5 oz/CTW 2-4 oz/CTW 1.5-3 oz/CTW 1.5-4 oz/CTW 2-4 oz/CTW</p>

Award-winning Technology





PTST Crops

-The following crops have either third party trial data and/or commercial sales

- Corn
- Soybeans
- Cotton
- Winter Wheat
- Spring Wheat
- Canola
- Dry Beans
- Sorghum
- Cover Crops
- Sweet Corn
- Vegetable Crops
- Turf



PhycoTerra[®] **ST**

Broadacre Crop Results

Proven by 3rd Party (CRO/University) Trials

CORN



ROI
99:1

BU/AC
+10.0

SOYBEANS



ROI
34:1

BU/AC
+3.5

WHEAT



ROI
16:1

BU/AC
+4.6

COTTON



ROI
177:1

LBS/AC
+51.6

CANOLA



ROI
313:1

BU/AC
+3.4

SORGHUM



ROI
237:1

BU/AC
+4.7



Microbial Food Products



PhycoTerra® ST is an award-winning, innovated microalgal seed treatment produced to supercharge the seed and the immediate soil microbiome around the seed by adding high-quality carbon source to the coating.



PhycoTerra® is a superior soil microbial food, formulated to improve soil quality, improve water productivity, optimize nutrient availability and supports post-harvest residue management – all contributing to increased yield and ROI.



PhycoTerra® Organic offers the convenience, stability and performance of our traditional soil microbial food, with a formula that is 100% Organic, OMRI Listed and CDFA Registered.



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