



# PhycoTerra®

## WHAT IS PHYCOTERRA®?

PhycoTerra is a portfolio of a **superior soil microbial food** products, which include PhycoTerra Conventional, PhycoTerra Organic and PhycoTerra ST (Seed Treatment). PhycoTerra products are a revolutionary technology sourced from nature that drives yield and quality by activating dormant soil microbes, including fungi and bacteria.




## Did you know?



A single teaspoon of soil contains **1 billion bacteria** & **1 million fungi**.



**75% of microbes** in your soil are starving and dormant—without a proper food source, they can't do their jobs, such as maximizing nutrient availability and water retention. 



Microalgae serve as a **superior food source** for the microbiome and puts it back to work supporting healthy crops.

## FEATURES

PhycoTerra® activates the dormant microbes native to your soil.

Well-fed microbes create a unique mode-of-action with proven on-farm results.

Innovative, proprietary formula maximizes ease-of-use and input synergy.

## BENEFITS

- Improves yield & ROI
- Feeds diverse range of beneficial microbes with inert microalgal superfood
- Increases microbial activity in all soil types, up to 33X

- Optimizes NPK availability
- Improves water holding capacity, up to 10%
- Supports plant through abiotic stress
- Improves soil aggregation
- Supports crop residue management after harvest\*

- Compatible with other crop inputs
- Flexible application: pre-plant, in-furrow, side dress, post emergence & post harvest
- Stable with an exceptional shelf life, up to 2 years

*\*Applies to PhycoTerra Conventional only.*

## HOW DO YOU PROTECT YOUR MOST IMPORTANT ASSET?

Your soil is your farm's most important asset, and 75% of it is asleep on the job. With PhycoTerra, your microbes are well fed, wake up, and go back to work supporting your land and your yield.

**Wake up the microbes in your soil and realize your land's full potential—with PhycoTerra.**



## WE ARE HELIAE® AGRICULTURE

Heliae Agriculture is a division of Heliae Development dedicated to providing unique and innovative microbial products to the agricultural community. We got our start at Arizona State University, where soil scientists studied the benefits of different microbial strains, unique in their ability to promote growth in the desert soil.

For more than a decade, our team has been researching innovative agricultural solutions that support growers in increasing yields and improving soil health sustainably. Our technology, with proven performance, has been applied to a variety of crops and soil types across the world.

**13 years of scientific research**

**\$265M invested**

**90 patents specific to agricultural production**

**4 cca agronomists with 20+ years of accreditation**

**65 soil health professionals driving adoption**



## WHAT ARE MICROALGAE?

Microalgae are invisible to the naked eye, but have giant importance—these single-celled plants form the base of our food system and produce half the oxygen in the atmosphere. Heliae Agriculture has discovered certain microalgae are an ideal, renewable food source for the soil microbiome.



## WHAT IS THE SOIL MICROBIOME?

Your soil microbiome is a community of microbes—like bacteria and fungi—that does a variety of important jobs in your field to support the healthy growth of your crop. Beneficial native microbes increase water holding capacity, NPK uptake and plant resilience.

We are experts in microalgal technology, soil and crop science. We are bringing our expertise to the agriculture industry to promote healthy soil and healthy yields.



578 E Germann Rd  
Gilbert, AZ 85297  
[www.heliaeagriculture.com](http://www.heliaeagriculture.com)

[info@phycoterra.com](mailto:info@phycoterra.com)  
(800) 998-6536  
[www.phycoterra.com](http://www.phycoterra.com)

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