

TECHNICAL DATA SHEET

WHAT IS TRUESOLUM?

TrueSolum® is an organic and proprietary, liquid soil amendment that is produced from the cultivation of *Chlorella* microalgae. This algae-free product contains useful metabolites that are expressed during the growth process of the microalgae.

HOW DOES TRUESOLUM WORK?

The metabolites in TrueSolum function as signalers to microbial communities in the soil causing changes in their diversity and abundance. Research shows that TrueSolum specifically activates *Bacillus sp.*, *Pseudomonas sp.*, *Pseudomonas Fluorescens*, Mycorrhizae, *Trichoderma sp.*, PGPR Bacteria, and *Azospirillum*. These microbial communities help make key nutrients available to the crop.

WHAT ARE THE KEY BENEFITS OF TRUESOLUM?

- Enriched nutrient and water uptake
- Enhanced plant and root growth
- Induced microbial growth associated with healthier crops
- Increased environmental stress tolerance
- Improved yield

HOW TO USE TRUESOLUM?

Application of TrueSolum will vary based on crop and geography. Please contact us to discuss your specific situation. General directions for application:

	Rate	Frequency
Pre-Treatment*	1 gallon/acre	injected once, after fumigation is complete
During the Season	½ to 1 gallon/acre	injected once per week to once per month

*Pre-treatment is recommended for seasonal crops for best results

TrueSolum is safe for tank mixing with other agricultural inputs.

HOW TO STORE TRUESOLUM?

- Keep out of direct sunlight
- Do not freeze
- Product remains effective for 12 months from date of manufacture when stored properly