



Concentrated Compost Tea Extract

Patented green compost tea from climate zones across the United States, containing approximately 296 genera with over 800 species of soil microbes that foster a diverse soil ecosystem.

Plant Growth-Promoting Microbes

Promotes plant growth, breaks down organic matter, cycles nutrients, fixes nitrogen, solubilizes phosphorus and iron, enhances plant growth and differentiation.

*Endomycorrhizae & Ectomycorrhizae*

Increases the effective root surface area 100 - 1,000 times, solubilize phosphorous and provides other nutrients and water to the plant.

*Trichoderma spp*

Trichoderma are recognized as being biocontrol agents (killing plant pathogens). Trichoderma also helps degrade organic matter and induce rooting.

Beneficial Nematodes

Colonizes plant roots, solubilizes phosphorus and assists in uptake of nitrogen, phosphorus and potassium. Multi-celled, worm-like animal that excretes nutrients to the soil.

Protozoa

Releases nutrients to the plant root.

Yeast

Helps mineralize and cycle nutrients, plays a role in maintenance of soil structure and aggregate formation, and serves as a nutrient source for other microbes.

Monosaccharide & Disaccharide

Sugars provided as a food source for soil microbes.

Yucca Extract

A food source for soil microbes. Functions as wetting agent to provide water dispersion in soil and enhance soil structure.

Amino Acid(s)

Essential for cell division and growth in plants and microorganisms. Amino acids are building blocks for protein production and a nitrogen source for soil microbes.

Kelp

Stimulates uptake of plant nutrients, promotes seed germination and plant cell division.

Lignin Polymers

Organic polymers that help form humus and impart structure to soil.

Humic and Fulvic Acids

Supports respiration of microorganism in the soil, enhances seed germination and promotes root development and root absorption of nutrients.

