

- Concentrated Compost Tea** A compost tea concentrated in a patent pending method providing indigenous micro-organisms - bacteria, fungi, protozoa and nematodes - that fosters a biologically diverse ecosystem.
- Humic and Fulvic Acids** Supports respiration of micro-organisms in the soil, enhances seed germination and promotes root development and absorption of micronutrients.
- Kelp** Stimulates uptake of plant nutrients, promotes seed germination and plant cell division.
- Gluten** A nitrogen (N) source.
- Endomycorrhizae** Penetrates plant roots and assist with water and nutrient uptake.
- Ectomycorrhizae** Grow in association with plant roots and assist with water and nutrient uptake.
- Nitrogen Fixing Bacteria** Aides in the nitrification process making nitrogen available from the atmosphere & soil
- Protozoa** Eats bacteria and release nutrients to the soil.
- Nematodes** Multi-celled, worm like animal that eats micro-organisms and excretes nutrients to the soil.
- Saccharomyces cerevisiae** A source of simple carbohydrates that aid in rooting and serve as a food source for microorganisms in the soil.
- Polysaccharide** A food source for microorganisms in the soil.
- Yucca Extract** A natural spreader sticker, wetting agent and soil conditioner.
- Amino Acid(s)** Building blocks of proteins and a nitrogen source for plants, essential for cell division and growth.
- Auxin** A plant growth hormone positively affecting cellular growth and differentiation.
- Trichoderma spp** Fungi that enhance root and plant growth.
- Lignin Polymers** Lignin polymers present in Holganix were part of cell walls of plants. Resistant to further break down, these polymers help create air channels in soil and assist in the aggregation of organic matter in the soil.
- Secondary and Micronutrients** calcium, copper, zinc, iron, molybdenum, boron and magnesium.

