



Enzymes perform biological functions affecting plant growth, plant development, and disease resistance.

There are many rich sources of detoxifying enzymes that plants release by exudates.

This feeds microbes and causes a phytoremediation in the soil. Glucosyltransferase enzymes appear to be effective in the breakdown of organochlorides.

Plants that are nitrogen starved rely on enzymes for survival and growth.

Just like the body needs enzymes to digest food, the soil needs enzymes for nutrient availability.

SOIL ENZYMES IDENTIFIED

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|--------------------------|--------------------------|---------------------------------------|-----------------------------------|
| Beta glucosidase: | unlocks glucose | microbe energy | organic matter decomposing |
| Amidase: | unlocks ammonium | plant available NH₄ | Nutrient cycling |
| Urease: | unlocks ammonium | plant available NH₄ | Nutrient cycling |
| Phosphatase: | unlocks phosphate | plant available P | Nutrient cycling |
| Sulfatase: | unlocks sulfur | plant available S | Nutrient cycling |
| Trehalase | unlocks glucose | sugar energy | Plant growth, soil health |

CARBOHYDRATES AND SUGAR ALCOHOLS HELP STOP INSECTS

D-MELIBIOSE; D-MANNOSE; STACHYOSE; MANNITOL; D-ARABITOL; D-SORBITOL; ALFA D-GLUCOSE; D-CELLOBIOSE; SUCROSE; XYLOSE; D-TREHALOSE; L-LACTIC ACID; D-FRUCTOSE

OUR MANUFACTURING PROCESS TAKES SEVERAL DAYS TO COMPLETE. VERY STRICT RULES OF MANUFACTURING ARE OBSERVED. EACH BATCH OF PRODUCT CONCENTRATE IS ANALYZED BY A TOP QUALIFIED LABORATORY FOR QUALITY.

PRODUCTS:

- D- TOX:** reduces toxins, sodium and cleans up carryover herbicide
 - METABALIZE PRO:** highly concentrated ENZYMES for soil and crops
 - SBA 709 :** high carbohydrate enzymes for quick growth and energy
 - SS100:** superior and persistant soil penetrant and surfactant
 - iNNERG:** high energy kelp foliar protects all crops, use with herbicides
 - BioPlus 100:** Organic soil treatment for organic production
 - BioPlus 200:** Organic foliar to spray on crops under organic production
- FOB Hawkins Texas.