



Biology Testing Options

Cover Crop Biomass: a baseline of nutrients within the cover crop

Haney Test: integrates chemical and biological measurements to assess the soil nutrient status, microbial biomass and aspects of the microbial habitat to determine overall soil health. The Haney test can assess a soil's condition, determine if the soil is in balance and provide information for making recommendations aimed to improve soil health.

PLFA Test: Phospholipid Fatty Acids (PLFA) are the main components of living microbial cell membranes. The PLFA test can provide a real-time snapshot of the soil microbial community.

BeCrop Test: soil microbiome analysis testing which reports soil nutrient cycling, soil health, and biodiversity.

Total Nutrient Digestion: (TND) measures the soil's net worth of nutrients. While most extract tests provide you with what is "available", the TND provides you with the nutrient potential of your soil.

POXC: Permanganate oxidizable carbon (POXC) is a measure of the biologically active carbon fraction of the soil.

Microbiometer: a low cost, 20-minute on-site soil test for microbial biomass and fungal to bacterial ratio that allows you to quickly determine the health of your soil.

SAP tissue test: Sap analysis measures the active liquids in the vascular tissues, the xylem and phloem. Analysis of sap can detect nutrient issues often long before visible symptoms appear.

Corn Stalk Nitrate test: end of season test to evaluate how efficient nitrogen was utilized by the plant.