

SOIL HEALTH ANALYSIS



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PLFA _____ \$100.95

Total bacteria (Gram (+), Gram (-)), Total Fungi (Arbuscular Mycorrhizae, Saprophytes) Protozoa, Undifferentiated Microorganisms

SOIL HEALTH ASSESSMENT _____ \$61.90

*BIOLOGICAL: Soil Respiration 24 hour CO₂, H₂O Extract: ammonium-N, nitrate-N, Total N, Total Organic Carbon, Total Organic N;
CHEMICAL: Ammonium acetate extract: K, Ca, Mg, Na; DTPA Extract: Zn, Fe, Mn Cu; Mehlich 3 Extract: P (Olsen P or Bray P-1 also available), S; soil pH, Soluble Salts, OM, Sum of Cations (CEC) and Base Saturation PHYSICAL: Water Stable Aggregates (modified)*

HANEY TEST _____ CALL FOR DETAILS

Soil Respiration; H₂O Extract: Ammonium-Nitrogen, Nitrate-Nitrogen, Total Nitrogen, Total Organic Carbon, Total Organic Nitrogen; H₃A Extract: Nitrate-Nitrogen, Ammonium-Nitrogen, Inorganic Nitrogen, Total Phosphorus, Inorganic Phosphorus, Organic Phosphorus, Potassium, Calcium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Aluminum

ENZYMES _____ \$29.70/sample/enzyme

β-glucosidase (BG) – Carbon Cycle, N-Acetyl-β-glucosaminidase (NAG) – Nitrogen Cycle, Phosphodiesterase (PHD) – Phosphorus Cycle, Alkaline Phosphatase (AlkP) – Phosphorus Cycle, Acid Phosphatase (AcP) – Phosphorus Cycle, Arylsulfatase (ARS) – Sulfur Cycle

POX-C, (PPM) SOIL _____ \$23.65

Permanganate active labile carbon

WET AGGREGATE STABILITY _____ \$35.75

% Aggregate Stability, 0.25-2.0 mm fraction

AVAILABLE WATER HOLDING CAPACITY _____ \$36.65

Field capacity minus wilting point

TOTAL NUTRIENT DIGEST (SOIL) _____ \$52.55

Carbon, Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Zinc, Iron, Manganese, Copper, Boron, Molybdenum, Pounds per acre calculated for depth of sample

AUTOCLAVED-CITRATE EXTRACTABLE (ACE) SOIL PROTEIN _____ \$23.65

Measures proteins in soil that are sourced from plants, microbes, and other decomposing organisms

SOIL RESPIRATION 24 HR TEST _____ \$29.70

Measure of soil respiration CO₂-C, ppm as an indicator of microbial biomass and potential activity

H₂O EXTRACT _____ \$17.90

Ammonium-Nitrogen, Nitrate-Nitrogen, Total Nitrogen, Total Organic Carbon, Total Organic Nitrogen (by difference)

H₃A EXTRACT _____ \$20.00



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INDIVIDUAL SOIL ANALYSIS

Aluminum(KClExtractable)	\$9.65
Ammonium(2N KCl)	\$7.15
Boron (Hot Water)	\$7.70
Bulk Density	Call For Details
Cations (K, Ca, Mg, Naby NH4Acetate Extraction)	\$6.90
Chloride (0.01M CaNO3 Extract)	\$7.15
Micros (Zn, Fe, Mn, Cu, by DTPA Extraction)	\$6.90
Molybdenum (Hot Water)	\$7.70
Organic Matter (LOI)	\$6.60
pH (pH, BpH, EC, Excess Lime)	\$7.15
Phosphorus (Bray P1, Bray P2, Mehlich 3 P or Olsen P)	\$6.90
Pre-Sidedress Nitrate (12" deep soil sample when corn is 12" tall)	\$7.15
Rocks and Roots (greater than 2 mm diameter)	\$50.00
Salt pH (0.01M CaCl2; pH, BpH)	\$7.15
Soil Carbonates (Alkalinity & CaCO3)	\$6.50
Soil Moisture	\$7.15
Texture By Hydrometer	\$16.50
Total Dry Weight of Sample Received	\$13.75
Total (Combustion Method)	
Nitrogen	\$10.45
Carbon	\$9.50
Nitrogen and Carbon	\$19.80
Organic Carbon	\$13.00
Other Individual Total Digest Elements	
<i>Contact the lab for individual element price.</i>	
Total Nutrient Digest	\$52.55

Updated 01/01/2026. All prices are subject to change without notice.