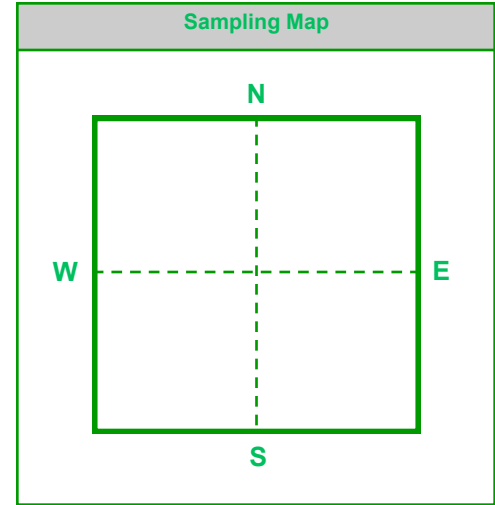




4007 Cherry Ave,
Kearney, Nebraska 68847
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Soil Health Sample Submittal Information

You will receive a billing invoice with your results. Payment is due net 30.



Bill To Account:	
Name	
Address	
Phone	email

Sample Information	
Date	
Grower	
Field ID	

For Lab Use	Sample ID	Sample Depth (in / cm)	Crop Recommendation 1		Crop Recommendation 2		Live Stock Integration		Irrigate this Crop Year ?	Tillage (Yes / No)	Past Yield per Acre	Test Desired
			Crop to be Grown	Yield Goal per Acre	Crop to be Grown	Yield Goal per Acre	YES	NO				

Comments:

Soil Health Analysis	
PLFA	Total Bacteria, Total Fungi, Protozoa, Undifferentiated Microorganisms
Haney Test	pH, Excess Lime Rating, Soluble Salts, Organic Matter, Soil Respiration; H2O extract: Ammonium-Nitrogen, Nitrate Nitrogen, Total Organic Carbon, Total Organic Nitrogen; H3A extract: Nitrate-Nitrogen, Ammonium-Nitrate, Inorganic Nitrogen, Total Phosphorus, Inorganic Phosphorus, Organic Phosphorus, Potassium, Calcium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Aluminum
Soil Respiration Test	Measure of CO2-C, ppm C, as an indicator microbial biomass and potential activity
Enzymes	β-glucosidase (BG) - Carbon Cycle, N-Acetyl-β-glucosaminidase (NAG) - Nitrogen Cycle, Alkaline Phosphatase (AlkP) - Phosphorus Cycle, Acid Phosphatase (AcP) - Phosphorus Cycle, Phosphodiesterase (PHD) - Phosphorus Cycle, Arylsulfatase (ARS) - Sulfur Cycle
POX-C (ppm) Soil	Active labile carbon using Potassium Permanganate
Wet Aggregate Stability	% Aggregate stability, 1-2 mm fraction; % Aggregate Stability of Bulk Soil, 1-2 mm fraction
Available Water Holding Capacity	Measured at Field Capacity (0.1 bar) and Wilting Point (15 bar)
Total Nutrient Digestion	Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Zinc, Iron, Manganese, Copper, Boron, Molybdenum, Total Carbon
Individual Soil Health Analysis	
Haney H2O Extract	Ammonium-Nitrogen, Nitrate-Nitrogen, Total Nitrogen, Total Organic Carbon, Total Organic Nitrogen
Haney H3A Extract	Nitrate-Nitrogen, Ammonium Nitrogen, Inorganic Nitrogen, Total Phosphorus, Inorganic Phosphorus, Organic Phosphorus, Potassium, Calcium, Magnesium, Zinc, Iron, Manganese, Copper, Sulfur, Aluminum