



AGRICULTURE

Dependable and accurate agricultural testing services with incredibly fast results.

Minnesota Valley Testing Laboratories, Inc.

1126 North Front Street, Building 1
New Ulm, MN 56073
800-782-3557 • 507-354-7645
mnsoil@mvttl.com

Soil Series are based off 1 sample depth.

Phosphorous Testing Options:

Bray/ Olson	Mehlich 3	Mehlich 3 ICP
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Series A – pH, Buffer pH, Phosphorus, Potassium

Series B– pH, Buffer pH, %Organic Matter, Phosphorus, Potassium

Series C – pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, CEC by Summation, Calcium, Magnesium, % Base Saturation

Series D – pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, Zinc

Series E – pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, Soluble Salts, Sulfur, Zinc

Series F – pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, CEC by Summation, Calcium, Magnesium, Sodium, % Base Saturation, Soluble Salts, Zinc

Series G – pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, CEC by Summation, Calcium, Magnesium, % Base Saturation, Soluble Salts, Zinc, Sodium, Sulfur, Copper, Manganese, Iron, Boron, Nitrate-N

Series H - pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, Soluble Salts, Boron, Sulfur,

Series I - pH, Buffer pH, %Organic Matter, Phosphorus, Potassium, Nitrate, Soluble Salts, Chloride, Copper, Sulfur,

Series J - pH, Buffer pH, %Organic Matter, Phosphorus, Potassium Nitrate, Soluble Salts, Sulfur

Additional depth analytes may be added from the selection below for each additional depth.

Individual Soil Analyses

Ammonium Nitrogen

Boron

Calcium + Magnesium (CEC + % Base Sat)

CCE (Calcium Carbonate Equivalence)

Chloride (per depth)

Copper

Iron

Manganese

Nitrate-N (per depth)

% Organic Matter

pH/BpH

Phosphorus (Bray1, Bray2, Olsen, Mehlich 3)

Potassium (Mehlich 3 or Ammonium Acetate)

Sodium

Sodium Adsorption Ratio

Soluble Salts

Sulfur (per depth)

Texture (Estimated)

Texture (% Sand, Silt, Clay)

Zinc

Sample Submittal Forms Found at: <http://mvttl.com/CustomerCare/Forms>



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Plant Analyses

Complete Nutrient Analysis: Nitrogen, Phosphorus, Potassium, Magnesium, Calcium, Sulfur, Zinc, Boron, Manganese, Copper, Iron,

Basic Nutrient Analysis: Nitrogen, Phosphorus, Potassium

Corn Stalk Nitrate Analysis

Manure Analyses

Series 1: Total Kjeldahl Nitrogen, Phosphorus, Potassium, % Moisture

Series 2: Total Kjeldahl Nitrogen, Phosphorus, Potassium, % Moisture, Sulfur, Zinc

Series 3: Total Kjeldahl Nitrogen, Phosphorus, Potassium, % Moisture, Ammonia-N, Sulfur, Zinc, Calcium, Magnesium, Sodium, Manganese, Copper, Iron

Manure Test Add-ons

****Must be added to one of the above manure series* ***

Ammonia-N

pH

Soluble Salts (EC)

Micros (Fe, Cu, Mn)

Cations (Ca, Mg, Na)

Soil Health

Solvita: 24 Hr. CO2 Burst

Haney Soil Health Analysis: 24 Hr. Solvita CO2 Burst, Total Organic C & N, H3 Extract, Calculations

Nematode

Soybean Cyst Nematode (eggs/100cc)

Corn Nematode (nematodes/100cc)

Samplings Supplies

Soil Information Booklets, Soil Bags, Boxes, Labels, Manure Kits, Plant Analysis Bags.....No Charge

Soil Probes, Tips and other sampling supplies..... Contact for Pricing

Fertilizer Recommendations

Build or University Guidelines.....No Charge

Lab Information and Contacts

New Ulm Soil Lab 507-354-7645 or 507-233-7147

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