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**Please note if Mehlich-3 test is requested on sample submittal form.**

**Series A** – pH, Buffer pH, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium

**Series B**– pH, Buffer pH, %Organic Matter, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium

**Series C** – pH, Buffer pH, %Organic Matter, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium, CEC by Summation, Calcium, Magnesium, % Base Saturation

**Series D** – pH, Buffer pH, %Organic Matter, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium, Zinc

**Series E** – pH, Buffer pH, %Organic Matter, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium, Soluble Salts, Sulfur, Zinc

**Series F** – pH, Buffer pH, %Organic Matter, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium, CEC by Summation, Calcium, Magnesium, Sodium, % Base Saturation, Soluble Salts, Zinc

**Series G** – pH, Buffer pH, %Organic Matter, Nitrate-N, Bray/Olsen or Mehlich-3 Phosphorus, AA or Mehlich-3 Potassium, CEC by Summation, Calcium, Magnesium, % Base Saturation, Soluble Salts, Zinc, Sodium, Sulfur, Copper, Manganese, Iron, Boron,

**Special Package Add-ons**    *\*Test includes Series A plus special package add-ons\**

**Alfalfa Package (H):** Soluble Salts, Boron, Sulfur, %Organic Matter

**Grain Package (I):** Nitrate, Soluble Salts, Chloride, Copper, Sulfur, %Organic Matter

**Sugarbeet Package (J):** Nitrate, %Organic Matter, Soluble Salts, Sulfur

**Individual Soil Analyses**    *\*\* may be added to one of the above test packages\*\**

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)

Sulfur (Mehlich-3)

Texture (Estimated)

Texture (% Sand, Silt, Clay)

Zinc

Zinc (Mehlich-3 )



**Plant Analyses**.....

**Basic Nutrient Analysis:** *Nitrogen, Phosphorus, Potassium*

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

**Corn Stalk Nitrate Analysis:** *Nitrate*

**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**      **\*\*May be added to one of the above manure series\* \***

Ammonia-N	Zinc
pH	Micros (Fe, Cu, Mn)
Soluble Salts (EC)	Cations (Ca, Mg, Na)
Sulfur	

**Soil Health**.....

**Solvita:**  
*24 Hr. CO2 Burst*

**Haney Soil Health Analysis:**  
*24 Hr. Solvita CO2 Burst, Total Organic C & N, pH, O.M. %, Organic & Inorganic N & P, Potassium, Calcium, Aluminum, Iron, H3 Extract, Soil Health Calculations and Recommendations*

**Nematode**.....

**Soybean Cyst Nematode** (eggs/100cc)  
**Corn Nematode** (nematodes/100cc)

**New Ulm Soil Lab**  
1314 South Front Street  
New Ulm, MN 56073  
507-354-7645 or 507-233-7147  
[mnsol@mvtl.com](mailto:mnsol@mvtl.com)

**Nevada Soil Lab**  
1201 Lincoln Highway  
Nevada, IA, 50201  
515-382-5486 or 515-450-0524  
[mvtlia@mvtl.com](mailto:mvtlia@mvtl.com)

**Sample Submittal Forms can be found at:**  
<http://mvtl.com/CustomerCare/Forms>