

Account No. :

**Soil Analysis Report**

Invoice No. :  
Date Received : 04/06/2022  
Date Reported : 04/08/2022

Results For :  
Location :

Lab No. : ID :	Soil Health Assessment		Depth :
			0 - 8
<b>1:1 Soil pH</b>	5.5	<b>Soil Tests</b>	
<b>1:1 Soluble Salts, mmho/cm</b>	0.14	Phosphorus M3, ppm P	25
<b>Excess Lime Rating</b>	NONE	Potassium NH4OAc, ppm K	254
<b>Organic Matter, %LOI</b>	4.5	Zinc DTPA, ppm Zn	1.91
<b>WDRF Buffer pH</b>	6.1	Iron DTPA, ppm Fe	65.5
<b>Soil Respiration CO<sub>2</sub>-C, ppm C</b>	242.0	Manganese DTPA, ppm Mn	21.0
<b>Water Extract</b>		Copper DTPA, ppm Cu	1.25
Total Nitrogen, ppm N	19.5	Sulfate M-3, ppm S	10.1
Organic Nitrogen, ppm N	7.2	Calcium NH4OAc, ppm Ca	2239
Total Organic Carbon, ppm C	166	Magnesium NH4OAc, ppm Mg	443
Ammonium-N, H2O ppm N	1.9	Sodium NH4OAc, ppm Na	61
Nitrate-N H2O, ppm N	10.41		
<b>Calculations</b>		<b>Soil Health</b>	
Microbially Active Carbon (%MAC)	146.1	Soil Health Calculation	22.88
Organic C : Organic N	23.1	Cover Crop Suggestion	60% Legume 40% Grass
Organic Nitrogen Release, ppm N	7.2	Water Stable Aggregates (Mod) %	57
Organic Nitrogen Reserve, ppm N	0.0		Includes 0.25 -2.00 mm diameter sand grains

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Phosphorus M3, ppm P		25			
Sum of Cations, me/100g	% Saturation				
	H	K	Ca	Mg	Na
24.8	36	3	45	15	1

Recommendations	
In Actual Pounds of Plant Nutrients per Acre	
N Credit : Soybeans - 40	48776
Sub-Soils :	
<b>Crop</b>	<b>(Ward) Corn, BU</b>
<b>Yield</b>	<b>180</b>
Nitrogen N	85
Phosphorus P <sub>2</sub> O <sub>5</sub>	35
Potassium K <sub>2</sub> O	0
Sulfur S	8
Zinc Zn	0
Magnesium Mg	0
Iron Fe	0
Manganese Mn	0
Copper Cu	0
Lime, ECC Tons/Acre	3.6
<b>Crop</b>	<b>(Ward) Corn, BU</b>
<b>Yield</b>	<b>140</b>
Nitrogen N	45
Phosphorus P <sub>2</sub> O <sub>5</sub>	25
Potassium K <sub>2</sub> O	0
Sulfur S	0
Zinc Zn	0
Magnesium Mg	0
Iron Fe	0
Manganese Mn	0
Copper Cu	0
Lime, ECC Tons/Acre	3.6