



Ag Testing - Consulting

Account No. :

**Biological Soil Analysis Report**

Invoice No. :  
 Date Received :  
 Date Reported :

Results For :  
 Sample ID 1 :  
 Sample ID 2 :  
 Lab No. :

**Haney - Soil Health Analysis**

1:1 Soil pH	6.6	ICAP Aluminum, ppm Al	224
1:1 Soluble Salts, mmho/cm	0.15	ICAP Iron, ppm Fe	98
Excess Lime Rating	1		
Organic Matter, %LOI	1.2	<b>Calculations</b>	
		Organic C:Organic N	13.7
		Nitrogen mineralization, ppm N	3.6
<b>Solvita CO2 Burst</b>		Organic Nitrogen Release, ppm N	6.0
CO2-C, ppm C	33.1	Organic Nitrogen Reserve, ppm N	7.2
<b>Water Extract</b>		Phosphorus mineralization, ppm P	2.5
Total Nitrogen, ppm N	26.7	Organic Phosphorus Reserve, ppm P	5.2
Organic Nitrogen, ppm N	13.2	Phosphorus Saturation Al/ Fe, %	14.1
Total Organic Carbon, ppm C	181	Phosphorus Saturation Ca, %	18.2
<b>H3A Extract</b>		<b>Soil Health</b>	
Nitrate, ppm NO3-N	7.1	Soil Health Calculation	5.54
Ammonium, ppm NH4-N	5.8	Cover Crop Suggestion	70% Legume 30% Grass
Inorganic Nitrogen, ppm N	12.9		
Inorganic (FIA) Phosphorus, ppm P	37.8		
Total (ICAP) Phosphorus, ppm P	45.5		
Organic Phosphorus, ppm P	7.7		
ICAP Potassium, ppm K	95		
ICAP Calcium, ppm Ca	250		

Reviewed By : Lance Gunderson

3/19/2014

Copy : 1

Page 1 of 2



Ag Testing - Consulting

**Haney - Soil Health Analysis Contd.**

Nutrient Quantity Available for Next Crop		Nitrogen Savings by using the Haney Test	
Nitrogen, lbs N/A	37.8	Traditional evaluation, lbs N/A	14.1
Phosphorus, lbs P2O5/A	92.6	Haney Test N evaluation, lbs N/A	37.8
Potassium, lbs K2O/A	114.3	Nitrogen Difference, lbs N/A	23.6
Nutrient Value, \$/A	117.45	N savings, \$/A	15.11

**Fertilizer Recommendations**

<u>Crop</u>	<u>Yield Goal</u>	<u>Nitrogen, lbs N/A</u>	<u>Phosphorus, lbs P2O5/A</u>	<u>Potassium, lbs K2O/A</u>
Corn, BU	250	212	57	11