



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	6.2	ICAP Aluminum, ppm Al	210.50
1:1 Soluble Salts, mmho/cm	0.30	ICAP Iron, ppm Fe	69.91
Excess Lime Rating	1		
Organic Matter, %LOI	2.5	Calculations	
WDRF Buffer pH	6.8	Organic C:Organic N	15.86
		Nitrogen mineralization, ppm N	4.68
Solvita CO2 Burst		Organic Nitrogen Release, ppm N	9.40
CO2-C, ppm C	71.63	Organic Nitrogen Reserve, ppm N	0.51
		Phosphorus mineralization, ppm P	2.35
Water Extract		Organic Phosphorus Reserve, ppm P	1.56
Total Nitrogen, ppm N	31.87	Phosphorus Saturation Al/ Fe, %	7.10
Organic Nitrogen, ppm N	9.91	Phosphorus Saturation Ca, %	4.59
Total Organic Carbon, ppm C	157.15		
		Soil Health	
H3A Extract		Soil Health Calculation	7.08
Nitrate, ppm NO3-N	14.77	Cover Crop Suggestion	70% Legume 30% Grass
Ammonium, ppm NH4-N	3.68		
Inorganic Nitrogen, ppm N	18.45		
Inorganic (FIA) Phosphorus, ppm P	15.99		
Total (ICAP) Phosphorus, ppm P	19.90		
Organic Phosphorus, ppm P	3.91		
ICAP Potassium, ppm K	162.10		
ICAP Calcium, ppm Ca	434.00		

Reviewed By : Lance Gunderson

3/5/2014

Copy : 1

Page 1 of 2

Bus: 308-234-2418
Fax: 308-234-1940

web site
www.wardlab.com

4007 Cherry Ave., P.O. Box 788
Kearney, Nebraska 68848-0788



Ag Testing - Consulting

Nutrient Quantity Available for Next Crop

Nitrogen, lbs N/A	55.70
Phosphorus, lbs P2O5/A	42.19
Potassium, lbs K2O/A	194.52
Nutrient Value, \$ /A	149.36

Nitrogen Savings by using the Haney Test

Traditional evaluation, lbs N/A	29.54
Haney Test N evaluation, lbs N/A	55.70
Lbs N difference /A	26.16
N savings, \$/A	16.74