Waypoint ANALYTICAL
2906 W. Clark Rd Champaign, IL 61822
Main 217-359-7680
www.waypointanalytical.com
"Every acre...Every year®"
CO-ALLIANCE

SOIL ANALYSIS

Client : [redacted]

Grower :

Report No: 17-116-0513
Cust No: 00112
Date Printed: 04/27/2017
Date Received : 04/26/2017
PO:

Lab Number : 42912 **Field Id :** **Sample Id :**

Test	Method	Results	SOIL TEST RATINGS (Very Low / Low / Medium / Optimum / Very High)
Soil pH	1:1	6.0	
Buffer pH	SMP	6.79	
Phosphorus (P)	P1	10 LB/ACRE	Very Low
Potassium (K)	AA	120 LB/ACRE	Very Low
Calcium (Ca)	AA	2650 LB/ACRE	Optimum
Magnesium (Mg)	AA	236 LB/ACRE	Medium
Sulfur (S)			
Boron (B)			
Copper (Cu)			
Iron (Fe)			
Manganese (Mn)			
Zinc (Zn)			
Sodium (Na)			
Soluble Salts			
Organic Matter	LOI	2.7 % ENR 98	Low
Nitrate Nitrogen			

Calculated Cation Exchange Capacity

9.2 meq/100g

%Saturation

	%sat	meq
K	1.7	0.2
Ca	72.0	6.6
Mg	10.7	1.0
H	15.2	1.4

K/Mg Ratio: 0.16

Ca/Mg Ratio: 6.73

SOIL FERTILITY GUIDELINES

Crop : **Rec Units:**

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop : **Rec Units:**

Comments :

SMP - SMP Buffer pH AA - Ammonium Acetate(c) LOI - Loss On Ignition P1 - Weak Bray P(s) 1:1 - Water pH

Analysis prepared by: Waypoint Analytical Illinois, Inc.

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SOIL ANALYSIS

Client : [redacted]

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PO:
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Lab Number : 42915 **Field Id :** **Sample Id :**

Test	Method	Results
Soil pH	1:1	6.1
Buffer pH	SMP	6.82
Phosphorus (P)	P1	4 LB/ACRE
Potassium (K)	AA	112 LB/ACRE
Calcium (Ca)	AA	2348 LB/ACRE
Magnesium (Mg)	AA	224 LB/ACRE
Sulfur (S)		
Boron (B)		
Copper (Cu)		
Iron (Fe)		
Manganese (Mn)		
Zinc (Zn)		
Sodium (Na)		
Soluble Salts		
Organic Matter	LOI	2.5 % ENR 94
Nitrate Nitrogen		

SOIL TEST RATINGS



Calculated Cation Exchange Capacity
8.0 meq/100g

%Saturation

	%sat	meq
K	1.8	0.1
Ca	73.4	5.9
Mg	11.7	0.9
H	13.8	1.1

K/Mg Ratio: 0.15
Ca/Mg Ratio: 6.27

SOIL FERTILITY GUIDELINES

Crop :

Rec Units:

(lbs) LIME (tons)	N	P_2O_5	K_2O	Mg	S	B	Cu	Mn	Zn	Fe

Crop :

Rec Units:

Comments :

SMP - SMP Buffer pH AA - Ammonium Acetate(c) LOI - Loss On Ignition P1 - Weak Bray P(s) 1:1 - Water pH

Analysis prepared by: Waypoint Analytical Illinois, Inc.