

"Every acre...Every year®"

SOIL ANALYSIS

Client :		Report No:	19-322-0881
		Cust No:	
		Date Printed:	11/19/2019
		Date Received :	11/18/2019
		PO:	
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Lab No: 58904

			Field			Sample ID: 1				
	_			Calculated Cation						
Method	Results	Very Low	Low	Medium	Optimum	Very High	Exch	ange Ca	apacity	
1:1	6.7						6	6.4 meq/100g		
					%	Saturat	tion			
M3	42 LB/ACRE							%sat	meq	
M3	144 LB/ACRE						к	2.9	0.2	
M3	2150 LB/ACRE						Ca	84.0	5.4	
M3	136 LB/ACRE						Mg	8.9	0.6	
							н	4.7	0.3	
							K/Mg R	atio:	0.33	
							Ca/Mg	Ratio:	9.44 📃	
LOI	2.5% ENR 94									
									J	
	Method 1:1 M3 M3 M3 M3 M3 L01 L01	Method Results 1:1 6.7 M3 42 LB/ACRE M3 144 LB/ACRE M3 2150 LB/ACRE M3 136 LB/ACRE M3 136 LB/ACRE M3 136 LB/ACRE M3 1250 LB/ACRE M3 126 LB/ACRE M3 136 LB/ACRE M3 1250 LB/ACRE M3 126 LB/ACRE M3 136 LB/ACRE M3 1250 LB/ACRE M3 1250 LB/ACRE M3 126 LB/ACRE M3 126 LB/ACRE M3 136 LB/ACRE <tr< th=""><th>Method Results Very Low 1:1 6.7 - M3 42 LB/ACRE - M3 144 LB/ACRE - M3 2150 LB/ACRE - M3 136 LB/ACRE - M3 136 LB/ACRE - LOI 2.5% ENR 94 -</th><th>Method Results Very Low Low 1:1 6.7 -<th>Method Results SOIL TEST RATII 1:1 6.7 Image: Constraint of the second second</th><th>Method Results SOIL TEST RATINGS 1:1 6.7 Low Medium Optimum 1:1 6.7 </th><th>Method Results SOIL TEST RATINGS 1:1 6.7 Medium Optimum Very High 1:1 6.7 Medium Optimum Very High M3 42 LB/ACRE Medium Optimum Very High M3 144 LB/ACRE Medium Optimum Very High M3 136 LB/ACRE Medium Image: New Yeight (New Yeight (NewYeig</th><th>Method Results SOIL TEST RATINGS Cald 1:1 6.7 -</th><th>Method Results Soil TEST RATINGS Calculated Exchange Ci 1:1 6.7 6.4 me 3 42 LB/ACRE 9%Satural M3 144 LB/ACRE 9%satural M3 136 LB/ACRE 9%satural M4 1 1 M3 1 1 M4 1</th></th></tr<>	Method Results Very Low 1:1 6.7 - M3 42 LB/ACRE - M3 144 LB/ACRE - M3 2150 LB/ACRE - M3 136 LB/ACRE - M3 136 LB/ACRE - LOI 2.5% ENR 94 -	Method Results Very Low Low 1:1 6.7 - <th>Method Results SOIL TEST RATII 1:1 6.7 Image: Constraint of the second second</th> <th>Method Results SOIL TEST RATINGS 1:1 6.7 Low Medium Optimum 1:1 6.7 </th> <th>Method Results SOIL TEST RATINGS 1:1 6.7 Medium Optimum Very High 1:1 6.7 Medium Optimum Very High M3 42 LB/ACRE Medium Optimum Very High M3 144 LB/ACRE Medium Optimum Very High M3 136 LB/ACRE Medium Image: New Yeight (New Yeight (NewYeig</th> <th>Method Results SOIL TEST RATINGS Cald 1:1 6.7 -</th> <th>Method Results Soil TEST RATINGS Calculated Exchange Ci 1:1 6.7 6.4 me 3 42 LB/ACRE 9%Satural M3 144 LB/ACRE 9%satural M3 136 LB/ACRE 9%satural M4 1 1 M3 1 1 M4 1</th>	Method Results SOIL TEST RATII 1:1 6.7 Image: Constraint of the second	Method Results SOIL TEST RATINGS 1:1 6.7 Low Medium Optimum 1:1 6.7	Method Results SOIL TEST RATINGS 1:1 6.7 Medium Optimum Very High 1:1 6.7 Medium Optimum Very High M3 42 LB/ACRE Medium Optimum Very High M3 144 LB/ACRE Medium Optimum Very High M3 136 LB/ACRE Medium Image: New Yeight (New Yeight (NewYeig	Method Results SOIL TEST RATINGS Cald 1:1 6.7 -	Method Results Soil TEST RATINGS Calculated Exchange Ci 1:1 6.7 6.4 me 3 42 LB/ACRE 9%Satural M3 144 LB/ACRE 9%satural M3 136 LB/ACRE 9%satural M4 1 1 M3 1 1 M4 1	

SOIL FERTILITY GUIDELINES

Crop : Corn				Yield Goal : 200			u/acre Rec Units:				LB/ACRE		
(Ibs) LI	VIE (tons)	N	P ₂ O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe		
0	0	244	101	132	0								
Crop : Soybear	IS		Yield Goal : 60			bu/acr	е	Rec U	nits:		LB/ACRE		
0	0	0	74	113	0								

Comments :

Corn

· Greater N efficiency for corn may be achieved by splitting the N application. Apply 1/4 to 1/3 of the N prior to or at planting and the remainder as sidedress when corn is 8-24 inches high.

· For early planted corn or no till corn, apply a starter fertilizer at least 2 inches from the seed at a rate of 10-20 lbs N/Acre and 30-60 lbs P2O5/Acre.

Soybeans

· For soybeans on soils with a pH of 6.2 or less, apply limestone as recommended and plant seed treated with molybdenum. Apply 1-2 oz of sodium molybdate (0.4-0.8 oz of elemental molybdenum) per acre as a seed treatment.



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Lab No: 58905

Lab No: 58905				Fi	əld:			Sample ID: 2				
		-		S	OIL TEST F	ATINGS			Calo	culated C	Cation	
lest	Method	Results	Very Low	Low	Mediu	m Or	otimum	Very High	Exch	lange Ca	apacity	
Soil pH	1:1	6.2							e	6.7 meq/100g		
Buffer pH	SMP	6.85							%	Saturat	ion	
Phosphorus (P)	M3	30 LB/ACRE								%sat	meq	
Potassium (K)	M3	158 LB/ACRE							к	3.0	0.2	
Calcium (Ca)	M3	2070 LB/ACRE							Са	77.2	5.2	
Magnesium (Mg)	M3	134 LB/ACRE							Mg	8.3	0.6	
Sulfur (S)									н	11.9	0.8	
Boron (B)												
Copper (Cu)												
Iron (Fe)									K/Mg R	atio:	0.36	
Manganese (Mn)									Ca/Mg	Ratio:	9.30 📃	
Zinc (Zn)												
Sodium (Na)												
Soluble Salts												
Organic Matter	LOI	2.5% ENR 94										
Nitrate Nitrogen												
											J	

SOIL FERTILITY GUIDELINES

Crop : Corn			Yield Goal : 200			bu/acre Rec Units:				LB/ACRE		
(Ibs) LIN	/IE (tons)	N	P ₂ O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe	
1776	0.9	244	113	127	0							
Crop : Soybean	S			Yield Goal : 60			е	Rec U	nits:		LB/ACRE	
1776	0.9	0	86	109	0							

Comments :

Corn

Limestone application is targeted to bring soil pH to 6.5.

· Greater N efficiency for corn may be achieved by splitting the N application. Apply 1/4 to 1/3 of the N prior to or at planting and the remainder as sidedress when corn is 8-24 inches high.

• For early planted corn or no till corn, apply a starter fertilizer at least 2 inches from the seed at a rate of 10-20 lbs N/Acre and 30-60 lbs P2O5/Acre.

Soybeans

Limestone application is targeted to bring soil pH to 6.5.

· For soybeans on soils with a pH of 6.2 or less, apply limestone as recommended and plant seed treated with molybdenum. Apply 1-2 oz of sodium molybdate (0.4-0.8 oz of elemental molybdenum) per acre as a seed treatment.



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	Farm:	Page :	3 of 3

Lab No: 58906

Lab No: 58906				Field:			Sample ID: 3					
					Calculated Cation							
lest	Method	Results	Very Low	Low	Medium	Optimum	Very High	Excha	Exchange Capacity			
Soil pH	1:1	6.5						6	.1 med	q/100g		
Buffer pH								%	%Saturation			
Phosphorus (P)	M3	44 LB/ACRE							%sat	meq		
Potassium (K)	M3	156 LB/ACRE						к	3.3	0.2		
Calcium (Ca)	M3	1868 LB/ACRE						Ca	76.6	4.7		
Magnesium (Mg)	M3	172 LB/ACRE						Mg	11.7	0.7		
Sulfur (S)								н	8.2	0.5		
Boron (B)												
Copper (Cu)												
Iron (Fe)								K/Mg Ra	atio:	0.28		
Manganese (Mn)								Ca/Mg F	Ratio:	6.55		
Zinc (Zn)												
Sodium (Na)												
Soluble Salts												
Organic Matter	LOI	2.9% ENR 102]									
Nitrate Nitrogen												
										,		

SOIL FERTILITY GUIDELINES

Crop : Corn			Yield Goal : 200			bu/acre Rec Units:				LB/ACRE		
(Ibs) LI	ME (tons)	N	P ₂ O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe	
0	0	244	99	128	0							
Crop : Soybear	IS		Yield Goal : 60			bu/acr	е	Rec U	nits:		LB/ACRE	
0	0	0	72	110	0							

Comments :

Corn

· Greater N efficiency for corn may be achieved by splitting the N application. Apply 1/4 to 1/3 of the N prior to or at planting and the remainder as sidedress when corn is 8-24 inches high.

· For early planted corn or no till corn, apply a starter fertilizer at least 2 inches from the seed at a rate of 10-20 lbs N/Acre and 30-60 lbs P2O5/Acre.

Soybeans

· For soybeans on soils with a pH of 6.2 or less, apply limestone as recommended and plant seed treated with molybdenum. Apply 1-2 oz of sodium molybdate (0.4-0.8 oz of elemental molybdenum) per acre as a seed treatment.