

### 2790 Whitten Road, Memphis, TN 38133 Main 901.213.2400 ° Fax 901.213.2440 www.waypointanalytical.com

"Every acre...Every year®" www.waypointanaly

#### SOIL ANALYSIS

Client :	Report No: Cust No:	18-002-0559 99999
	Date Printed:	01/03/2018
	Date Received :	01/02/2018
	PO:	
	Page :	1 of 3

Lab Number: 57394

Field Id :

### Sample Id : Fuse 2

			SOI	L TEST RATIN	NGS		Calo	Calculated Cation		
Method	Results	Very Low	Low	Medium	Optimum	Very High	Exch	ange Ca	apacity	
S1:1	5.7						12	12.2 meq/100g		
WBF	6.67						%Saturation			
M3	30 ppm							%sat	meq	
M3	102 ppm						к	2.1	0.3	
M3	1470 ppm			·			Ca	60.2	7.4	
M3	234 ppm				1		Mg	16.0	2.0	
M3	27 ppm			1		Γ	н	21.3	2.6	
M3	0.5 ppm						Na	0.6	0.1	
M3	1.8 ppm	· · · · ·								
M3	486 ppm				1	I	K/Mg R	latio:	0.13	
M3	32 ppm	·					Ca/Mg	Ratio:	3.76	
M3	4.9 ppm									
M3	17 ppm									
LOI	2.0 % ENR 84									
		1								
		1								
	WBF M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3 M3	S1:1  5.7    WBF  6.67    M3  30 ppm    M3  102 ppm    M3  124 ppm    M3  234 ppm    M3  27 ppm    M3  0.5 ppm    M3  1.8 ppm    M3  32 ppm    M3  1.8 ppm    M3  31 ppm    M3  1.8 ppm    M3  1.9 ppm    M3  1.9 ppm    M3  1.9 ppm	S1:1  5.7    WBF  6.67    M3  30 ppm    M3  102 ppm    M3  1470 ppm    M3  234 ppm    M3  27 ppm    M3  0.5 ppm    M3  1.8 ppm    M3  32 ppm    M3  1.8 ppm    M3  1.7 ppm	Method  Results  Very Low  Low    S1:1  5.7	Method  Results  Very Low  Low  Medium    S1:1  5.7	S1:1  5.7    WBF  6.67    M3  30 ppm    M3  102 ppm    M3  102 ppm    M3  234 ppm    M3  27 ppm    M3  0.5 ppm    M3  1.8 ppm    M3  32 ppm    M3  1.8 ppm    M3  1.8 ppm    M3  1.9 ppm    M3  1.7 ppm	Method  Results  Very Low  Low  Medium  Optimum  Very High    S1:1  5.7	Method  Results  Very Low  Low  Medium  Optimum  Very High  Exch    S1:1  5.7	Method  Results  Very Low  Low  Medium  Optimum  Very High  Exchange Ca    S1:1  5.7	

# SOIL FERTILITY GUIDELINES Prev Crop : Rice

Crop : Soybea	rbeans Yield Go			<b>I Goal :</b> 70	bu/acre	e	Rec Units		its: LB/ACR		
(lbs) LIN	/IE (tons)	N	P <sub>2</sub> O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe
706*		0	46	132	0	0	0.5	0	2	0	
Crop : Corn			Yield Goal : 200				e	Rec U	nits:		LB/ACRE
706*		244	87	130	0	0	1.0	0	2	0	

Comments :

## \* Denotes ENM requirement.

## 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. **Corn** 

 $\cdot$  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.



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#### SOIL ANALYSIS

Client :	Grower :	Report No:	18-002-0559
		Cust No:	99999
		Date Printed:	01/03/2018
		Date Received :	01/02/2018
		PO:	
		Page :	2 of 3

Lab Number: 57395

Field Id :

### Sample Id : Lost 40

				SOI	L TEST RATI	NGS		Cal	culated (	Cation	
Test	Method	Results	Very Low	Low	Medium	Optimum	Very High	Excl	hange Ca	apacity	
Soil pH	S1:1	5.9						12.8 meq/100			
Buffer pH	WBF	6.71						9	%Satura	tion	
Phosphorus (P)	M3	32 ppm		•					%sat	meq	
Potassium (K)	M3	94 ppm						к	1.9	0.2	
Calcium (Ca)	M3	1466 ppm						Ca	57.3	7.3	
Magnesium (Mg)	M3	352 ppm		•	,	1		Mg	22.9	2.9	
Sulfur (S)	M3	13 ppm						н	17.2		
Boron (B)	M3	0.5 ppm			·			Na	1.1	0.1	
Copper (Cu)	M3	1.5 ppm									
Iron (Fe)	M3	575 ppm		1	· · · · · · · · · · · · · · · · · · ·			K/Mg i	Ratio:	0.08	
Manganese (Mn)	M3	67 ppm						Ca/Mg	Ratio:	2.50 📃	
Zinc (Zn)	M3	2.6 ppm									
Sodium (Na)	M3	33 ppm									
Soluble Salts											
Organic Matter	LOI	2.3 % ENR 90									
Nitrate Nitrogen											
			1								
			1								
			1								

## SOIL FERTILITY GUIDELINES Prev Crop : Rice

Crop : Soybea	beans Yield G			<b>I Goal :</b> 70	bu/acre	е	Rec Units		its: LB/ACRE		
(lbs) LIN	/IE (tons)	N	P <sub>2</sub> O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe
529*		0	46	136	0	13	0.5	0	0	0	
Crop : Corn		Yield Goal : 200				bu/acr	e	Rec U	nits:		LB/ACRE
529*		244	85	135	0	10	1.0	0	0	2.0	

Comments :

### \* Denotes ENM requirement.

### 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. **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.



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		Page :	3 of 3

Lab Number: 57396

Field Id :

#### Sample Id : Across f Ivans

-					Cation					
Test	Method	Results	Very Low	Low	Medium	Optimum	Very High	Exch	hange Ca	apacity
Soil pH	S1:1	6.0						10.8 meq/100g		
Buffer pH	WBF	6.77						%	%Satura	tion
Phosphorus (P)	M3	30 ppm							%sat	meq
Potassium (K)	M3	74 ppm						к	1.8	0.2
Calcium (Ca)	M3	1254 ppm						Ca	58.1	6.3
Magnesium (Mg)	M3	309 ppm		1	•	•		Mg	23.8	2.6
Sulfur (S)	M3	10 ppm						н	14.8	
Boron (B)	M3	0.5 ppm			, 			Na	1.2	0.1
Copper (Cu)	M3	1.6 ppm		1						
Iron (Fe)	M3	490 ppm				1	1	K/Mg F	Ratio:	0.07
Manganese (Mn)	M3	95 ppm						Ca/Mg	Ratio:	2.44
Zinc (Zn)	M3	2.2 ppm		1						
Sodium (Na)	M3	31 ppm								
Soluble Salts										
Organic Matter	LOI	2.2 % ENR 88								
Nitrate Nitrogen										
			1							
			1							
			1					1		

## SOIL FERTILITY GUIDELINES Prev Crop : Rice

Crop : Soybea	ns	Yield Goal : 70				bu/acr	е	Rec U	nits:		LB/ACRE
(lbs) LIN	∕IE (tons)	Ν	P <sub>2</sub> O 5	K ₂O	Mg	S	В	Cu	Mn	Zn	Fe
353*		0	46	147	0	15	0.5	0	0	0	
Crop : Corn		Yield Goal : 200					e	Rec U	nits:		LB/ACRE
353*		244	87	145	0	11	1.0	0	0	2.3	

Comments :

### \* Denotes ENM requirement.

### Soybeans

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