

## SOIL ANALYSIS

Client :	Grower :	Report No: 17-142-0608
		Cust No: 99999
		Date Printed: 05/23/2017
		Date Received : 05/22/2017
		PO:
		Page : 1 of 2

Lab Number : 34346

Field Id :

Sample Id : A 0-6

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity	
			Very Low	Low	Medium	Optimum	Very High		
Soil pH	1:1	8.3						<b>42.1 meq/100g</b>	
Buffer pH								%Saturation	
Phosphorus (P)	M3	1 mg/kg						%sat	meq
Potassium (K)	M3	138 mg/kg						K	0.8 0.4
Calcium (Ca)	M3	6520 mg/kg						Ca	77.4 32.6
Magnesium (Mg)	M3	972 mg/kg						Mg	19.2 8.1
Sulfur (S)	M3	8 mg/kg						H	0.0 0.0
Boron (B)	M3	0.6 mg/kg						Na	2.6 1.1
Copper (Cu)	M3	0.8 mg/kg						K/Mg Ratio: 0.04	
Iron (Fe)	M3	62 mg/kg						Ca/Mg Ratio: 4.03	
Manganese (Mn)	M3	44 mg/kg							
Zinc (Zn)	M3	0.6 mg/kg							
Sodium (Na)	M3	248 mg/kg							
Soluble Salts	SS1:2	0.3 dS/m							
Organic Matter	LOI	1.9 % ENR 82							
Nitrate Nitrogen	NO3N	1 mg/kg							
Ammonium Nitrogen	NH4N	2.0 mg/kg							

## SOIL FERTILITY GUIDELINES

Crop : Bermudagrass Pasture

Yield Goal : 3 tons/acre

Rec Units: LB/ACRE

(lbs)	LIME	(tons)	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Cu	Mn	Zn	Fe
0		0	133	118	91	0	12	0	1.0	0	2.8	
Crop :												Rec Units:

Comments :

**Nitrate-nitrogen and ammonium-nitrogen analysis will detect levels no lower than 1 ppm. Results that indicate undetected levels of nitrate-nitrogen or ammonium-nitrogen will display 1 ppm.**

### Bermudagrass Pasture

- For perennial warm season grass pasture other than hybrid bermuda, apply 75 to 130 lbs N/Acre per season. If under intensive grazing system apply 125 to 175 lbs N/Acre in 2 or 3 applications.
- For soils low in sulfur, apply 20-40 lbs of sulfur as a sulfate in the spring with the nitrogen.
- For grass hay or pasture needing high rates split the P and K application. Apply 1/2 in the spring and 1/2 in late summer.

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Field Id :

Sample Id : B 0-6

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
			Very Low	Low	Medium	Optimum	Very High	
Soil pH	1:1	7.8						<b>37.2 meq/100g</b>
Buffer pH								<b>%Saturation</b>
Phosphorus (P)	M3	2 mg/kg	■					<b>%sat meq</b>
Potassium (K)	M3	96 mg/kg	■	■				<b>K 0.7 0.2</b>
Calcium (Ca)	M3	5652 mg/kg	■	■	■			<b>Ca 76.0 28.3</b>
Magnesium (Mg)	M3	918 mg/kg	■	■	■			<b>Mg 20.6 7.7</b>
Sulfur (S)	M3	30 mg/kg	■	■	■			<b>H 0.0 0.0</b>
Boron (B)	M3	0.4 mg/kg	■	■	■			<b>Na 2.9 1.1</b>
Copper (Cu)	M3	0.6 mg/kg	■	■	■			<b>K/Mg Ratio: 0.03</b> ■
Iron (Fe)	M3	45 mg/kg	■	■	■			<b>Ca/Mg Ratio: 3.69</b> ■
Manganese (Mn)	M3	47 mg/kg	■	■	■			
Zinc (Zn)	M3	0.7 mg/kg	■	■	■			
Sodium (Na)	M3	244 mg/kg	■	■	■			
Soluble Salts	SS1:2	0.32 dS/m						
Organic Matter	LOI	1.0 % ENR 64	■					
Nitrate Nitrogen	NO3N	1 mg/kg						
Ammonium Nitrogen	NH4N	2.0 mg/kg						

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Yield Goal : 3 tons/acre

Rec Units: LB/ACRE

(lbs)	LIME	(tons)	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Cu	Mn	Zn	Fe
0		0	133	116	111	0	0	0.5	1.0	0	2.6	
Crop :												Rec Units:

Comments :

**Nitrate-nitrogen and ammonium-nitrogen analysis will detect levels no lower than 1 ppm. Results that indicate undetected levels of nitrate-nitrogen or ammonium-nitrogen will display 1 ppm.**

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