

SOIL ANALYSIS

Client : Waypoint Analytical, LLC 2790 Whitten Rd Memphis TN 38133	Grower : Example Grower Name PO:	Report No: 19-001-9999 Cust No: 99999 Date Printed: 02/01/2019 Date Received : 05/22/2017 Date Analysis : 05/23/2017 Page : 1 of 4
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Lab Number : 34346

Field Id :

Sample Id : Front

Test	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
		Very Low	Low	Medium	Optimum	Very High	
Soil pH	8.3						42.1 meq/100g
Buffer pH							
Phosphorus (P)	1 ppm	■					Calculated Cation Saturation %K 0.8 %Ca 77.4 %Mg 19.2 %H 0.0 Hmeq 0.0 %Na 2.6 <hr/> K : Mg Ratio 0.05 ■ <hr/> Ca : Mg Ratio 4.03 ■
Potassium (K)	138 ppm						
Calcium (Ca)	6520 ppm						
Magnesium (Mg)	972 ppm						
Sulfur (S)	8 ppm						
Boron (B)	0.6 ppm						
Copper (Cu)	0.8 ppm						
Iron (Fe)	62 ppm						
Manganese (Mn)	44 ppm						
Zinc (Zn)	0.6 ppm						
Sodium (Na)	248 ppm						
Soluble Salts	0.3 dS/m						
Organic Matter	1.9 % ENR 82						
Nitrate Nitrogen	1 ppm						
Ammonium Nitrogen	2 ppm						

SOIL FERTILITY GUIDELINES

Crop : Bermudagrass Lawn

Yield Goal : 1

Optimum

Rec Units:

LB/1000 SF

(lbs)	LIME (tons)	N	P ₂ O ₅	K ₂ O	Mg	S	B	Cu	Mn	Zn	Fe
0		4.0	3.0	3.0	0	0.20	0	0.10	0	0.10	
Crop : Centipede Lawn											
Yield Goal : 1 Optimum Rec Units: LB/1000 SF											
0		3.0	2.5	2.0	0	0.20	0	0.10	0	0.10	

Comment :



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SUGGESTED FERTILIZATION PROGRAM							
First Application		Second Application		Third Application		Fourth Application	
#/1000 Sq. Ft.	Fertilizer	#/1000 Sq. Ft.	Fertilizer	#/1000 Sq. Ft.	Fertilizer	#/1000 Sq. Ft.	Fertilizer
6	21-0-0	6	21-0-0	6	21-0-0		
3	21-0-0			0	0		

Comments:

Bermudagrass Lawn

- MAINTENANCE: Beginning at green-up, apply 1 lb N/1000 sq ft every 4 to 6 weeks until early fall. Adjust N rate and timing to accommodate climatic conditions and management practices.
 - Apply recommended phosphate in spring.
 - Apply recommended potash in fall. If the soil is sandy, apply 1 lb of potash/1000 sq ft in fall and apply the remaining potash in several smaller applications throughout the growing season.
 - If the recommended amount of limestone is not incorporated into the soil prior to establishment, surface apply up to 50 lbs/1000 sq ft every 4 to 6 months until the recommended amount is applied.
 - The soil pH is too high for the plants indicated. Apply 2.5 lbs sulfur/1000 sq ft in spring and fall. Water thoroughly. Test again before making additional applications of elemental sulfur. If grass is chlorotic (yellow), a foliar iron source may hasten color improvement.

Centipede Lawn

- MAINTENANCE: Beginning at green-up, apply 0.75 to 1 lb N/1000 sq ft every 6 weeks until late summer or early fall. Adjust N rate and timing to accommodate climatic conditions and management practices.
 - Apply recommended phosphate in spring.
 - Apply recommended potash in fall. If the soil is sandy, apply 1 lb of potash/1000 sq ft in fall and apply the remaining potash in several smaller applications throughout the growing season.
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		Very Low	Low	Medium	Optimum	Very High	
Soil pH	7.8						37.2 meq/100g
Buffer pH							
Phosphorus (P)	2 ppm	■					Calculated Cation Saturation %K 0.7 %Ca 76.0 %Mg 20.6 %H 0.0 Hmeq 0.0 %Na 2.9 <hr/> K : Mg Ratio 0.03 ■ <hr/> Ca : Mg Ratio 3.69 ■
Potassium (K)	96 ppm	■	■				
Calcium (Ca)	5652 ppm				■		
Magnesium (Mg)	918 ppm				■		
Sulfur (S)	30 ppm				■		
Boron (B)	0.4 ppm			■			
Copper (Cu)	0.6 ppm	■	■				
Iron (Fe)	45 ppm		■	■			
Manganese (Mn)	47 ppm			■	■		
Zinc (Zn)	0.7 ppm	■	■				
Sodium (Na)	244 ppm	■					
Soluble Salts	0.32 dS/m						
Organic Matter	1.0 % ENR 64	■					
Nitrate Nitrogen	1 ppm						
Ammonium Nitrogen	2 ppm						

SOIL FERTILITY GUIDELINES

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Optimum

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