

## SOIL ANALYSIS

Client : Waypoint Analytical, LLC 2790 Whitten Rd. Memphis TN 38133	Grower :  PO:	Report No: 19-001-9999 Cust No: 99999 Date Printed: 02/01/2019 Date Received : 04/05/2018 Date Analysis : 04/06/2018 Page : 1 of 4
--	---------------------	---

Lab Number : 19326

Field Id :

Sample Id : Front

Test	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
		Very Low	Low	Medium	Optimum	Very High	
Soil pH	6.0						5.5 meq/100g
Buffer pH	6.85						
Phosphorus (P)	4 ppm						<b>Calculated Cation Saturation</b> %K 1.2 %Ca 73.3 %Mg 8.0 %H 14.5 Hmeq 0.8 %Na 2.1 <hr/> <b>K : Mg Ratio</b> 0.25 <hr/> <b>Ca : Mg Ratio</b> 9.16
Potassium (K)	26 ppm						
Calcium (Ca)	806 ppm						
Magnesium (Mg)	53 ppm						
Sulfur (S)	19 ppm						
Boron (B)	0.3 ppm						
Copper (Cu)	0.2 ppm						
Iron (Fe)	202 ppm						
Manganese (Mn)	41 ppm						
Zinc (Zn)	1.6 ppm						
Sodium (Na)	27 ppm						
Soluble Salts							
Organic Matter	2.4 % ENR 92						
Nitrate Nitrogen							

## SOIL FERTILITY GUIDELINES

Crop : Bermudagrass Lawn

Yield Goal : 1

Optimum

Rec Units:

LB/1000 SF

(lbs)	LIME (tons)	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Cu	Mn	Zn	Fe
30		4.0	2.0	5.0	0.20	0	0.02	0.10	0	0	

Crop : Centipede Lawn

Yield Goal : 1

Optimum

Rec Units:

LB/1000 SF

0		3.0	2.0	4.0	0.32	0	0.02	0.10	0	0	
---	--	-----	-----	-----	------	---	------	------	---	---	--

Comment :

**SOIL ANALYSIS**

Client : Waypoint Analytical, LLC 2790 Whitten Rd. Memphis TN 38133	Grower :   PO:	Report No: 19-001-9999 Cust No: 99999 Date Printed: 02/01/2019 Date Received : 04/05/2018 Date Analysis : 04/06/2018 Page : 2 of 4
--	-------------------------	---

Lab Number : 19326

Field Id :

Sample Id : Front

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
12	10-20-15	12	10-20-15	12	10-0-20		
5	10-20-15			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.

**Centipede Lawn**

- Limestone application is targeted to bring soil pH to 5.7.
- 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.
    - 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.



## SOIL ANALYSIS

Client : Waypoint Analytical, LLC 2790 Whitten Rd. Memphis TN 38133	Grower :  PO:	Report No: 19-001-9999 Cust No: 99999 Date Printed: 02/01/2019 Date Received : 04/05/2018 Date Analysis : 04/06/2018 Page : 3 of 4
--	---------------------	---

Lab Number : 19327

Field Id :

Sample Id : Back

Test	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
		Very Low	Low	Medium	Optimum	Very High	
Soil pH	5.9						7.7 meq/100g
Buffer pH	6.80						
Phosphorus (P)	9 ppm						<b>Calculated Cation Saturation</b> %K 1.1 %Ca 74.5 %Mg 6.1 %H 16.9 Hmeq 1.3 %Na 1.4 <b>K : Mg Ratio</b> 0.20 <b>Ca : Mg Ratio</b> 12.21
Potassium (K)	32 ppm						
Calcium (Ca)	1148 ppm						
Magnesium (Mg)	56 ppm						
Sulfur (S)	13 ppm						
Boron (B)	0.3 ppm						
Copper (Cu)	0.3 ppm						
Iron (Fe)	131 ppm						
Manganese (Mn)	66 ppm						
Zinc (Zn)	1.1 ppm						
Sodium (Na)	25 ppm						
Soluble Salts							
Organic Matter	2.2 % ENR 88						
Nitrate Nitrogen							

## SOIL FERTILITY GUIDELINES

Crop : Bermudagrass Lawn

Yield Goal : 1

Optimum

Rec Units:

LB/1000 SF

(lbs)	LIME (tons)	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Cu	Mn	Zn	Fe
50		4.0	2.0	5.0	0.20	0	0.02	0.10	0	0.10	

Crop : Centipede Lawn

Yield Goal : 1

Optimum

Rec Units:

LB/1000 SF

(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		3.0	2.0	4.0	0.29	0	0.02	0.10	0	0.10	

Comment :

## SOIL ANALYSIS

Client : Waypoint Analytical, LLC 2790 Whitten Rd. Memphis TN 38133	Grower :  PO:	Report No: 19-001-9999 Cust No: 99999 Date Printed: 02/01/2019 Date Received : 04/05/2018 Date Analysis : 04/06/2018 Page : 4 of 4
--	---------------------	---

Lab Number : 19327

Field Id :

Sample Id : Back

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
12	10-20-15	12	10-20-15	12	10-0-20		
5	10-20-15			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.

**Centipede Lawn**

Limestone application is targeted to bring soil pH to 5.7.

- 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.
  - 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.

