



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

Date Printed: 2/7/2018  
 Report No: 18-037-0724  
 Farm Id/Name:

Client No 99999

Soil Analysis for Mark's Bayou

Every acre...Every year.®

Field Id Lab No Sample Id	Crop Name Yield / Uom	Results																	Recommendations											
		%		pH	Bf	P	P	K	PPM							Cec	LB/ACRE													
OM	ENR	Ca	Mg						Na	Mn	Zn	S	Fe	Cu	B		Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Zn	Mn	Fe	Cu			
24010	highland 200 bu/acre	VL	82	7.0		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	4.9	0	244	121	133	0	15	1.2	3.0	0	1.0
24011	200 bu/acre	L	92	6.8		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	4.9	0	244	91	40	0	15	1.2	0	0	0
24012	200 bu/acre	L	92	6.8		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	5.1	0	244	123	144	0	15	0	2.0	0	1.0
24013	200 bu/acre	M	106	6.3		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	7.5	0	244	121	134	0	15	0	3.6	0	1.0
24014	200 bu/acre	L	96	7.4		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	5.1	0	244	119	124	0	15	0.6	2.9	0	1.0
24015	200 bu/acre	L	92	6.2		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	3.9	0	244	125	98	0	15	1.4	3.3	0	1.0
24016	200 bu/acre	L	92	6.7		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	4.1	0	244	134	107	0	15	1.4	2.8	0	1.0
24017	200 bu/acre	L	90	6.2		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	3.6	0	244	129	130	0	15	1.5	3.1	0	1.0
24018	200 bu/acre	L	94	6.4		M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	6.4	0	244	125	126	0	15	1.5	3.4	0	1.0
24019	200 bu/acre	VL	82	5.8	SMP	M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	4.2	1500	244	134	131	0	15	1.5	3.0	0	1.0
24021	200 bu/acre	L	96	5.7	SMP	M3		M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	3.9	2000	244	125	89	0	15	1.5	2.9	0	1.0

VL = Very Low L = Low M = Medium O = Optimum VH = Very High  
 M3 - Mehlich 3 SMP - SMP Buffer pH LOI - Loss On Ignition 1:1 - Water pH  
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		%		pH	Bf	P	P	K	PPM			Na	Mn	Zn	S	Fe	Cu	B	Cec	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Zn	Mn	Fe
OM	ENR	Ca	Mg						M3	M3	M3																		
24022 102	highland Corn 200 bu/acre	L	86	6.4		M3				M3	M3	M3	M3	M3	M3	M3	M3	3.6	0	244	134	153	0	15	0.6	3.3	0	1.0	
24023 103	highland Corn 200 bu/acre	L	94	6.7		M3				M3	M3	M3	M3	M3	M3	M3	M3	5.0	0	244	123	147	11	15	0.8	3.1	0	1.0	
24024 104	highland Corn 200 bu/acre	VL	82	5.4	6.81	SMP	M3			M3	M3	M3	M3	M3	M3	M3	M3	4.2	2500	244	80	145	0	15	1.0	3.1	0	1.0	
24025 105	highland Corn 200 bu/acre	VL	82	6.1		M3				M3	M3	M3	M3	M3	M3	M3	M3	5.2	0	244	106	122	0	15	1.4	3.8	0	1.0	
<b>Corn Average :</b>		2.3	91	6.4	6.84	12				73	614	113	31	214	1.5	3	130	0.7	4.8	400	244	119	122	1	15.0	1.0	2.9	0	0.9
<b>highland Corn Average :</b>		2.3	91	6.4	6.84	12				73	614	113	31	214	1.5	3	130	0.7	4.8	400	244	119	122	1	15.0	1.0	2.9	0	0.9
24010 91	highland Cotton 1250 lbs/acre	VL	82	7.0		M3				M3	M3	M3	M3	M3	M3	M3	M3	4.9	0	125	88	114	0	15	1.2	2.0	0	1.0	
24011 92	highland Cotton 1250 lbs/acre	L	92	6.8		M3				M3	M3	M3	M3	M3	M3	M3	M3	4.9	0	125	56	40	0	15	1.2	0	0	0	
24012 93	highland Cotton 1250 lbs/acre	L	92	6.8		M3				M3	M3	M3	M3	M3	M3	M3	M3	5.1	0	125	90	129	0	15	0	0	0	1.0	
24013 94	highland Cotton 1250 lbs/acre	M	106	6.3		M3				M3	M3	M3	M3	M3	M3	M3	M3	7.5	0	125	88	122	0	15	0	2.2	0	1.0	
24014 95	highland Cotton 1250 lbs/acre	L	96	7.4		M3				M3	M3	M3	M3	M3	M3	M3	M3	5.1	0	125	86	115	0	15	0.6	0	0	1.0	
24015 96	highland Cotton 1250 lbs/acre	L	92	6.2		M3				M3	M3	M3	M3	M3	M3	M3	M3	3.9	0	125	92	97	0	15	1.4	2.0	0	1.0	

VL = Very Low L = Low M = Medium O = Optimum VH = Very High

M3 - Mehlich 3 SMP - SMP Buffer pH LOI - Loss On Ignition 1:1 - Water pH

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		%		PPM															Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Zn	Mn	Fe	Cu
24016	highland 97 1250 lbs/acre	L	1:1		M3	L	4	79	581	87	18	275	1.7	2	115	0.6	0.3	4.1	0	125	104	101	0	15	1.4	0	0	1.0	
			OM	ENR																									pH
24017	98 1250 lbs/acre	L	1:1		M3	L	7	56	452	94	13	270	1.4	3	132	0.5	0.2	3.6	0	125	96	113	0	15	1.5	2.0	0	1.0	
			OM	ENR																									pH
24018	99 1250 lbs/acre	L	1:1		M3	L	9	80	791	181	35	126	1.1	2	104	0.7	0.2	6.4	0	125	92	117	0	15	1.5	2.0	0	1.0	
			OM	ENR																									pH
24019	100 1250 lbs/acre	VL	1:1		SMP	M3	L	4	55	465	99	19	272	1.5	4	141	0.7	0.2	4.2	1500	125	104	113	0	15	1.5	2.0	0	1.0
			OM	ENR																									
24021	101 1250 lbs/acre	L	1:1		SMP	M3	L	9	96	436	72	18	226	1.6	3	138	0.8	0.2	3.9	2000	125	92	93	0	15	1.5	0	0	1.0
			OM	ENR																									
24022	102 1250 lbs/acre	L	1:1		M3	L	4	30	458	93	26	257	1.2	3	112	0.5	0.7	3.6	0	125	104	126	0	15	0.6	2.0	0	1.0	
			OM	ENR																									pH
24023	103 1250 lbs/acre	L	1:1		M3	L	10	52	822	58	13	211	1.4	3	126	0.7	0.6	5.0	0	125	90	131	11	15	0.8	2.0	0	1.0	
			OM	ENR																									pH
24024	104 1250 lbs/acre	VL	1:1		SMP	M3	O	38	41	441	73	23	95	1.4	5	157	0.5	0.5	4.2	2500	125	34	121	0	15	1.0	2.0	0	1.0
			OM	ENR																									
24025	105 1250 lbs/acre	VL	1:1		M3	M	18	85	655	114	21	131	0.7	4	115	0.5	0.3	5.2	0	125	74	114	0	15	1.4	2.6	0	1.0	
			OM	ENR																									pH
<b>Cotton Average :</b>		2.3	91	6.4	6.84	12	73	614	113	31	214	1.5	3	130	0.7	0.5	4.8	400	125	86	110	1	15.0	1.0	1.4	0	0.9		
<b>highland Cotton Average :</b>		2.3	91	6.4	6.84	12	73	614	113	31	214	1.5	3	130	0.7	0.5	4.8	400	125	86	110	1	15.0	1.0	1.4	0	0.9		
24010	highland 91 70 bu/acre	VL	1:1		M3	L	11	53	652	146	70	360	1.5	4	150	0.7	0.4	4.9	0	0	105	125	0	20	0.5	2.0	0	1.0	
			OM	ENR																									pH

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		%		pH	Bf	P	P	K	PPM							Cec	Lime	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	Mg	S	B	Zn	Mn	Fe	Cu			
OM	ENR	Ca	Mg						Na	Mn	Zn	S	Fe	Cu	B															
24023 103	highland Soybeans 70 bu/acre	L	94	6.7		M3				M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	5.0	0	0	108	138	11	20	0	2.0	0	1.0
24024 104	Soybeans 70 bu/acre	VL	82	5.4	6.81	SMP	M3			M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	4.2	2500	0	46	131	0	20	0.5	2.0	0	1.0
24025 105	Soybeans 70 bu/acre	VL	82	6.1		M3				M3	M3	M3	M3	M3	M3	M3	M3	M3	M3	5.2	0	0	88	120	0	20	1.0	2.6	0	1.0
<b>Soybeans Average :</b>		2.3	91	6.4	6.84	12				73	614	113	31	214	1.5	3	130	0.7	0.5	4.8	400	0	104	118	1	20.0	0.6	1.4	0	0.9
<b>highland Soybeans Average :</b>		2.3	91	6.4	6.84	12				73	614	113	31	214	1.5	3	130	0.7	0.5	4.8	400	0	104	118	1	20.0	0.6	1.4	0	0.9

Comments:

Crop : 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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