

Relitized Limestone density 70

Summary table of MSU Soil Test Results: Switchgrass N Gradient (H1 only)
For samples taken Fall 2017 - see Columns K-N for recommendations

Level (relative to optimum)		
Below	At	Above

Calc set = 163

2200
- 280

1920

Treatment	Plot #	Phosphorus (ppm)	Potassium (ppm)	Magnesium (ppm)	Recommendations			
					Limestone (ton/A)	Phosphate (lb P2O5/A)	Potassium (lb K2O/A)	Boron (lb B/A)
SWF1	108	21	111	113	0	60	150	0
	201	27	60	76	0	60	185	0
	307	19	68	99	0	60	170	0
	408	9	60	154	0	90	190	0
SWF2	104	23	93	96	0.7	60	150	0
	20X							
	308	18	64	96	0	60	175	0
	407	14	61	119	0	65	180	0
SWF3	102	22	84	93	1.1	60	160	0
	202	27	58	78	0	60	180	0
	302	13	68	130	0	70	175	0
	406	14	50	87	1.1	65	195	0
SWF4	105	28	83	89	1.1	60	160	0
	208	27	60	66	1.1	60	180	0
	305	26	77	115	0	60	170	0
	405	9	41	95	0.7	90	210	0
SWF5	101	20	65	69	2.8	60	185	0
	205	24	68	65	2.2	60	170	0
	304	26	83	100	1.1	60	155	0
	404	10	56	102	2.2	85	200	0
SWF6	107	29	80	67	2.8	60	165	0
	207	33	48	55	2.2	45	200	0
	301	19	55	82	1.1	60	190	0
	403	12	51	87	2.2	75	195	0
SWF7	106	32	101	77	3.8	50	150	0
	204	36	69	40	2.2	25	170	0
	306	24	94	101	2.2	60	150	0
	402	12	59	78	2.8	75	195	0
SWF8	103	27	90	72	3.8	60	155	0
	203	40	59	41	3.8	0	195	0
	303	20	88	92	2.2	60	155	0
	401	14	50	64	2.2	65	195	0

TREATMENT AVERAGE RECOMMENDATION

Limestone (ton/A)	Phosphate (lb P2O5/A)	Potassium (lb K2O/A)	Boron (lb B/A)
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0.0	68	174	0
0.2	62	168	0
0.6	64	178	0
2	0.7	68	180
6	2.1	66	178
6	2.1	60	188
6	2.8	53	166
7	3.0	46	175

used 1850lbs

Passed Set

3.8
3.5
Used

Go by Trt