a&lgreatlakes LABORATORIES
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Southwest Wisconsin

2017 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
			(<1.0)	(1.0-2.5)	(2.5-5.0)	(5.0-7.0)	(7.0+)
Organic Matter,%	3.6	4.4	1.2	33.3	55.1	6.9	3.5
			(<10)	(10-20)	(20-30)	(30-50)	(50+)
Phosphorus (P1), ppm	41	44	6.7	4.4	33.7	12.6	24.8
			(<14)	(14-29)	(29-44)	(44-74)	(74+)
Phosphorus (P2), ppm	189	20					100.0
			(<5)	(5-15)	(15-25)	(25-45)	(45+)
Bicarbonate P, ppm	27	2			50.0	50.0	
Potassium (K), ppm	143	73					
			(<0.84)	(0.84-1.65)	(1.66-3.31)	(3.32-4.96)	(>4.96)
K, % Base Saturation	3.3	1.8	0.3	8.0	51.9	26.7	13.1
Magnesium (Mg), ppm	433	176					
			(<5)	(5-10)	(10-15)	(15-25)	(25+)
Mg, % Base Saturation	29.6	7.6	2.4	1.6	1.8	13.7	80.6
Calcium (Ca), ppm	1402	1022					
			(<45)	(45-55)	(55-75)	(75-85)	(85+)
Ca, % Base Saturation	54.0	12.6	11.5	20.2	66.7	0.7	0.9
			(<5.1)	(5.1-5.8)	(5.9-6.0)	(7.0-7.5)	(>7.5)
pH (1:1)	6.6	0.6	0.4	10.4	61.1	25.2	3.0
			(<3.1)	(3.1-8.0)	(8.1-15.0)	(15.1-25.0)	(>25.0)
CEC, meq/100g	12.3	5.8	0.6	16.6	64.7	12.3	5.8
			(<4)	(4-7)	(8-12)	(13-17)	(>17)
Sulfur (S), ppm	7	4.2	0.6	66.6	29.9	1.8	1.2
			(<1.0)	(1.1-2.9)	(3.0-4.9)	(5.0-10.0)	(>10.0)
Zinc (Zn), ppm	4.2	3.8		42.6	38.0	14.2	5.2
			(<6)	(6-14)	(15-19)	(20-49)	(>49)
Manganese (Mn), ppm	58	17	0.2	0.7	1.0	34.9	63.2
				(<5)	(5-9)	(10-50)	(>50)
Iron (Fe), ppm	35	20		0.7	1.9	82.9	14.5
				(<0.4)	(0.4-1.1)	(1.2-3.0)	(>3.0)
Copper (Cu), ppm	1.3	0.7			58.9	38.8	2.2
			(<0.4)	(0.4-0.5)	(0.6-1.2)	(1.3-2.5)	(>2.5)
Boron (B), ppm	0.5	0.5	45.2	27.3	21.5	5.9	0.2
			(<5)	(5-9)	(10-19)	(20-39)	(>39)
Nitrate (NO_3-N), ppm	10.1	10.6	10.7	59.5	20.6	6.1	3.1