a&lgreatlakes LABORATORIES
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Northeast Michigan

2016 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,%	3.1	4.2	0.3	51.2	43.1	2.6	2.8
			(<10)	(10-20)	(20-30)	(30-50)	(50+)
Phosphorus (P1), ppm	49	41	4.6	13.4	16.2	29.5	36.3
			(<14)	(14-29)	(29-44)	(44-74)	(74+)
Phosphorus (P2), ppm	92	116	4.0	10.2	16.2	27.3	42.4
			(<5)	(5-15)	(15-25)	(25-45)	(45+)
Bicarbonate P, ppm	4		100.0				
Potassium (K), ppm	148	67					
			(<0.92)	(0.92-1.81)	(1.82-3.62)	(3.63-5.43)	(>5.43)
K, % Base Saturation	3.8	1.7	0.8	7.4	45.5	36.1	10.2
Magnesium (Mg), ppm	235	116					
			(<5)	(5-10)	(10-15)	(15-25)	(25+)
Mg, % Base Saturation	18.4	5.3	0.6	6.1	18.8	65.4	9.1
Calcium (Ca), ppm	1650	1105					
			(<45)	(45-55)	(55-75)	(75-85)	(85+)
Ca, % Base Saturation	73.0	9.7	1.3	3.7	48.3	39.1	7.6
			(<5.1)	(5.1-5.8)	(5.9-6.0)	(7.0-7.5)	(>7.5)
pH (1:1)	7.1	0.6	0.3	3.3	31.1	34.0	31.3
			(<3.1)	(3.1-8.0)	(8.1-15.0)	(15.1-25.0)	(>25.0)
CEC, meq/100g	11.0	6.0	0.7	30.0	54.1	12.9	2.3
			(<4)	(4-7)	(8-12)	(13-17)	(>17)
Sulfur (S), ppm	10	41.8	0.9	39.8	45.9	8.3	5.1
			(<1.0)	(1.1-2.9)	(3.0-4.9)	(5.0-10.0)	(>10.0)
Zinc (Zn), ppm	4.9	3.4		28.3	32.9	33.6	5.2
			(<6)	(6-14)	(15-19)	(20-49)	(>49)
Manganese (Mn), ppm	30	11	2.3	8.5	21.6	65.7	1.8
				(<5)	(5-9)	(10-50)	(>50)
Iron (Fe), ppm	38	23		0.5	0.9	79.3	19.3
				(<0.4)	(0.4-1.1)	(1.2-3.0)	(>3.0)
Copper (Cu), ppm	1.7	1.1			34.6	57.6	7.8
			(<0.4)	(0.4-0.5)	(0.6-1.2)	(1.3-2.5)	(>2.5)
Boron (B), ppm	0.7	1.4	22.7	20.3	46.6	10.1	0.3
			(<5)	(5-9)	(10-19)	(20-39)	(>39)
Nitrate (NO_3-N), ppm	14.8	15.5	10.7	44.3	22.9	13.0	9.2
			(<5)	(5-9)	(10-19)	(20-39)	(>39)
Ammonium (NH_4-N), ppm	5.3	16.5	83.3	13.1		1.2	2.4