a&lgreatlakes LABORATORIES
Scientists who don't mind getting dirty.™

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Northern Ohio

2017 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.4	2.6	(<1.0) 0.1	(1.0-2.5) 22.2	(2.5-5.0) 72.6	(5.0-7.0) 4.0	(7.0+) 1.1
Phosphorus (P1), ppm	35	37	(<10) 8.1	(10-20) 25.9	(20-30) 24.4	(30-50) 24.4	(50+) 17.2
Phosphorus (P2), ppm	61	58	(<14) 6.2	(14-29) 16.6	(29-44) 18.6	(44-74) 32.6	(74+) 26.0
Bicarbonate P, ppm	15	6	(<5) 12.5	(5-15) 50.0	(15-25) 37.5	(25-45)	(45+)
Potassium (K), ppm	142	55					
K, % Base Saturation	3.2	1.4	(<0.84) 0.5	(0.84-1.65) 5.4	(1.66-3.31) 56.6	(3.32-4.96) 32.4	(>4.96) 5.4
Magnesium (Mg), ppm	307	137					
Mg, % Base Saturation	20.9	6.1	(<5) 0.2	(5-10) 1.7	(10-15) 14.1	(15-25) 60.3	(25+) 23.7
Calcium (Ca), ppm	1565	774					
Ca, % Base Saturation	62.4	10.4	(<45) 5.4	(45-55) 16.4	(55-75) 67.9	(75-85) 9.0	(85+) 1.3
pH (1:1)	6.5	0.6	(<5.1) 0.8	(5.1-5.8) 13.6	(5.9-6.0) 65.0	(7.0-7.5) 16.6	(>7.5) 4.0
CEC, meq/100g	12.3	4.6	(<3.1) 0.3	(3.1-8.0) 16.4	(8.1-15.0) 57.2	(15.1-25.0) 25.3	(>25.0) 0.8
Sulfur (S), ppm	9	33.5	(<4) 0.3	(4-7) 46.3	(8-12) 47.3	(13-17) 3.8	(>17) 2.2
Zinc (Zn), ppm	3.4	2.9	(<1.0)	(1.1-2.9) 57.7	(3.0-4.9) 30.0	(5.0-10.0) 10.0	(>10.0) 2.2
Manganese (Mn), ppm	30	14	(<6) 1.2	(6-14) 14.8	(15-19) 28.0	(20-49) 48.6	(>49) 7.3
Iron (Fe), ppm	53	27		(<5) 0.3	(5-9) 0.7	(10-50) 53.0	(>50) 45.9
Copper (Cu), ppm	2.2	1.2		(<0.4)	(0.4-1.1) 12.4	(1.2-3.0) 69.9	(>3.0) 17.6
Boron (B), ppm	0.6	0.4	(<0.4) 21.6	(0.4-0.5) 24.3	(0.6-1.2) 49.7	(1.3-2.5) 4.2	(>2.5) 0.2
Nitrate (NO_3-N), ppm	24.1	19.5	(<5) 9.8	(5-9) 7.0	(10-19) 30.2	(20-39) 36.3	(>39) 16.7
Ammonium (NH_4-N), ppm	5.7	6.6	(<5) 53.4	(5-9) 32.0	(10-19) 10.7	(20-39) 2.9	(>39) 1.0