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

3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

State of 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	2.5	(<1.0) 0.1	(1.0-2.5) 22.5	(2.5-5.0) 72.3	(5.0-7.0) 3.9	(7.0+) 1.1
Phosphorus (P1), ppm	35	36	(<10) 8.1	(10-20) 25.3	(20-30) 24.1	(30-50) 24.7	(50+) 17.8
Phosphorus (P2), ppm	61	58	(<14) 6.3	(14-29) 16.7	(29-44) 18.6	(44-74) 32.5	(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	143	57					
K, % Base Saturation	3.3	1.5	(<0.85) 0.6	(0.85-1.68) 5.5	(1.69-3.36) 55.8	(3.37-5.03) 32.2	(>5.03) 6.2
Magnesium (Mg), ppm	301	136					
Mg, % Base Saturation	20.9	6.1	(<5) 0.2	(5-10) 1.8	(10-15) 14.0	(15-25) 60.7	(25+) 23.5
Calcium (Ca), ppm	1539	761					
Ca, % Base Saturation	62.6	10.4	(<45) 5.3	(45-55) 15.9	(55-75) 68.3	(75-85) 9.2	(85+) 1.3
pH (1:1)	6.5	0.6	(<5.1) 0.8	(5.1-5.8) 13.2	(5.9-6.0) 64.4	(7.0-7.5) 17.4	(>7.5) 4.2
CEC, meq/100g	12.1	4.6	(<3.1) 0.3	(3.1-8.0) 17.8	(8.1-15.0) 57.6	(15.1-25.0) 23.5	(>25.0) 0.8
Sulfur (S), ppm	9	34.1	(<4) 0.4	(4-7) 46.6	(8-12) 46.8	(13-17) 3.8	(>17) 2.3
Zinc (Zn), ppm	3.4	3.0	(<1.0)	(1.1-2.9) 57.4	(3.0-4.9) 30.0	(5.0-10.0) 10.3	(>10.0) 2.3
Manganese (Mn), ppm	31	15	(<6) 1.2	(6-14) 13.7	(15-19) 26.1	(20-49) 49.0	(>49) 10.0
Iron (Fe), ppm	52	26		(<5) 0.3	(5-9) 0.7	(10-50) 54.2	(>50) 44.7
Copper (Cu), ppm	2.2	1.2		(<0.4)	(0.4-1.1) 12.1	(1.2-3.0) 70.7	(>3.0) 17.1
Boron (B), ppm	0.6	0.4	(<0.4) 23.1	(0.4-0.5) 24.9	(0.6-1.2) 47.6	(1.3-2.5) 4.1	(>2.5) 0.2
Nitrate (NO_3-N), ppm	22.6	19.4	(<5) 13.4	(5-9) 9.7	(10-19) 27.9	(20-39) 33.2	(>39) 15.8
Ammonium (NH_4-N), ppm	5.7	7.3	(<5) 57.4	(5-9) 28.7	(10-19) 9.6	(20-39) 2.6	(>39) 1.7