a&lgreatlakes LABORATORIES
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Southern Ohio

2018 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,%	3.2	1.1		21.0	75.1	3.1	0.8
			(<10)	(10-20)	(20-30)	(30-50)	(50+)
Phosphorus (P1), ppm	31	34	10.9	30.5	23.7	19.8	15.1
			(<14)	(14-29)	(29-44)	(44-74)	(74+)
Phosphorus (P2), ppm	159	67					100.0
Potassium (K), ppm	124	56					
			(<1.04)	(1.04-2.06)	(2.07-4.12)	(4.13-6.18)	(>6.18)
K, % Base Saturation	3.6	1.6	0.5	11.0	59.8	23.7	5.4
Magnesium (Mg), ppm	226	101					
			(<5)	(5-10)	(10-15)	(15-25)	(25+)
Mg, % Base Saturation	20.1	5.4	0.3	3.5	11.2	68.9	16.1
Calcium (Ca), ppm	1217	544					
			(<45)	(45-55)	(55-75)	(75-85)	(85+)
Ca, % Base Saturation	64.2	9.7	3.3	11.3	74.2	9.2	2.1
			(<5.1)	(5.1-5.8)	(5.9-6.0)	(7.0-7.5)	(>7.5)
pH (1:1)	6.5	0.5	0.4	8.8	71.6	17.6	1.6
			(<3.1)	(3.1-8.0)	(8.1-15.0)	(15.1-25.0)	(>25.0)
CEC, meq/100g	9.4	3.4		42.5	50.6	6.7	0.2
			(<4)	(4-7)	(8-12)	(13-17)	(>17)
Sulfur (S), ppm	8	2.6	0.9	51.3	43.5	3.7	0.6
			(<1.0)	(1.1-2.9)	(3.0-4.9)	(5.0-10.0)	(>10.0)
Zinc (Zn), ppm	2.9	3.0		69.6	22.8	6.6	1.1
			(<6)	(6-14)	(15-19)	(20-49)	(>49)
Manganese (Mn), ppm	49	17	0.2	2.5	5.2	47.5	44.7
				(<5)	(5-9)	(10-50)	(>50)
Iron (Fe), ppm	41	25		0.6	2.5	68.7	28.2
				(<0.4)	(0.4-1.1)	(1.2-3.0)	(>3.0)
Copper (Cu), ppm	2.0	0.8			12.9	77.3	9.8
			(<0.4)	(0.4-0.5)	(0.6-1.2)	(1.3-2.5)	(>2.5)
Boron (B), ppm	0.4	0.3	46.0	30.0	22.4	1.6	
			(<5)	(5-9)	(10-19)	(20-39)	(>39)
Nitrate (NO_3-N), ppm	7.3	1.7		80.0	20.0		