



a&lgreatlakes
LABORATORIES

Scientists who don't mind getting dirty.™

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Southeast Ohio

2020 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low (<1.0)	Low (1.0-2.5)	Medium (2.5-5.0)	High (5.0-7.0)	Very High (7.0+)
Organic Matter, %	3.2	1.2		18.8	76.2	4.4	0.6
Phosphorus (P1), ppm	30	29	<10	(10-20)	(20-30)	(30-50)	(50+)
Phosphorus (P2), ppm	518	67	<14	(14-29)	(29-44)	(44-74)	(74+)
Bicarbonate P, ppm	189	58	<5	(5-15)	(15-25)	(25-45)	(45+)
Potassium (K), ppm	122	54					100.0
K, % Base Saturation	3.7	1.6	<0.7	(1.07-2.12)	(2.13-4.25)	(4.26-6.37)	(6.37+)
Magnesium (Mg), ppm	222	89					
Mg, % Base Saturation	20.6	4.6	<5	(5-10)	(10-15)	(15-25)	(25+)
Calcium (Ca), ppm	1169	482					
Ca, % Base Saturation	64.1	9.2	3.1	9.7	77.2	9.2	0.8
pH (1:1)	6.6	0.5	0.4	8.7	68.8	20.7	1.4
CEC, meq/100g	9.0	3.0	<3.1	(3.1-8.0)	(8.1-15.0)	(15.1-25.0)	(25.0+)
Sulfur (S), ppm	8	3.5	2.0	48.5	47.8	5.3	0.1
Zinc (Zn), ppm	3.2	3.1	<1.0	(1.1-2.9)	(3.0-4.9)	(5.0-10.0)	(10.0+)
Manganese (Mn), ppm	49	16	0.1	1.4	5.6	48.9	44.0
Iron (Fe), ppm	43	22			<5	(10-50)	(50+)
Copper (Cu), ppm	1.8	1.2			<0.4	(0.4-1.1)	(1.2-3.0)
Boron (B), ppm	0.4	0.2	<0.4	(0.4-0.5)	(0.6-1.2)	(1.3-2.5)	(2.5+)
Nitrate (NO ₃ -N), ppm	33.1	20.5	<5	(5-9)	(10-19)	(20-39)	(39+)
Ammonium (NH ₄ -N), ppm	1.4	0.1	<5	(5-9)	(10-19)	(20-39)	(39+)