

Southwest Ohio

2019 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,%	2.8	1.9	<1.0	47.7	49.9	2.0	0.4
Phosphorus (P1), ppm	41	50	12.0	18.3	21.1	24.5	24.1
Phosphorus (P2), ppm	104	13					100.0
Potassium (K), ppm	139	65					
K, % Base Saturation	3.4	1.8	2.5	11.1	50.3	27.2	11.3
Magnesium (Mg), ppm	265	117					
Mg, % Base Saturation	19.6	6.2	0.5	5.6	17.1	57.5	19.2
Calcium (Ca), ppm	1573	891					
Ca, % Base Saturation	65.8	11.3	3.3	11.6	66.1	12.5	6.5
pH (1:1)	6.7	0.7	0.2	13.6	51.4	22.3	12.5
CEC, meq/100g	11.5	4.7		20.0	62.3	16.0	1.8
Sulfur (S), ppm	8	5.2	2.9	57.8	37.0	1.2	1.2
Zinc (Zn), ppm	3.3	5.0		71.5	21.8	3.6	3.0
Manganese (Mn), ppm	41	10		1.3	3.9	77.9	16.9
Iron (Fe), ppm	43	20			0.7	69.8	29.5
Copper (Cu), ppm	1.9	1.2			16.5	76.3	7.2
Boron (B), ppm	0.5	0.4	34.4	30.5	31.2	3.2	0.6
Nitrate (NO ₃ -N), ppm	10.5	6.7	10.0	40.0	40.0	10.0	
Ammonium (NH ₄ -N), ppm	3.4	2.0	50.0	50.0			