Northern Ohio

2022 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,%	3.3	1.7	(<1.0) 0.2	(1.0-2.5) 22.6	(2.5-5.0) 72.1	(5.0-7.0) 4.3	(7.0+) 0.8
Phosphorus (P1), ppm	33	38	(<10) 9.0	(10-20) 27.6	(20-30) 24.0	(30-50) 23.6	(50+) 15.8
Phosphorus (P2), ppm	54	47	(<14) 7.2	(14-29) 19.9	(29-44) 22.3	(44-74) 31.3	(74+) 19.2
Bicarbonate P, ppm	13	5	(<5) 6.7	(5-15) 60.0	(15-25) 33.3	(25-45)	(45+)
Potassium (K), ppm	138	56					
K, % Base Saturation	3.1	1.3	(<0.85) 0.4	(0.85-1.68) 6.0	(1.69-3.37) 59.1	(3.38-5.05) 30.0	(>5.05) 4.7
Magnesium (Mg), ppm	287	121					
Mg, % Base Saturation	20.0	5.6	(<5) 0.2	(5-10) 2.0	(10-15) 16.2	(15-25) 63.8	(25+) 17.8
Calcium (Ca), ppm	1550	781					
Ca, % Base Saturation	63.3	10.3	(<45) 4.4	(45-55) 15.1	(55-75) 68.7	(75-85) 10.3	(85+) 1.4
pH (1:1)	6.5	0.6	(<5.1) 0.7	(5.1-5.8) 13.8	(5.9-6.9) 64.7	(7.0-7.5) 16.7	(>7.5) 4.1
CEC, meq/100g	12.0	4.4	(<3.1) 0.2	(3.1-8.0) 15.0	(8.1-15.0) 63.3	(15.1-25.0) 21.0	(>25.0) 0.5
Sulfur (S), ppm	10	12.4	(<4) 0.7	(4-7) 31.2	(8-12) 58.8	(13-17) 6.6	(>17) 2.6
Zinc (Zn), ppm	3.2	3.3	(<1.0)	(1.1-2.9) 64.5	(3.0-4.9) 26.4	(5.0-10.0) 7.4	(>10.0) 1.7
Manganese (Mn), ppm	32	14	(<6) 0.8	(6-14) 11.9	(15-19) 24.0	(20-49) 52.8	(>49) 10.5
Iron (Fe), ppm	56	27		(<5)	(5-9) 0.2	(10-50) 49.8	(>50) 50.0
Copper (Cu), ppm	2.2	1.2		(<0.4) 0.1	(0.4-1.1) 16.2	(1.2-3.0) 65.2	(>3.0) 18.5
Boron (B), ppm	0.6	0.4	(<0.4) 29.8	(0.4-0.5) 25.3	(0.6-1.2) 40.8	(1.3-2.5) 3.9	(>2.5) 0.2
Nitrate (NO3-N), ppm	18.1	17.4	(<5) 4.1	(5-9) 24.7	(10-19) 40.2	(20-39) 24.7	(>39) 6.2
Ammonium (NH4-N), ppm	5.4	6.4	(<5) 20.2	(5-9) 73.0	(10-19) 2.2	(20-39) 2.2	(>39) 2.2