



Northern Ohio

2016 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,%	3.5	2.5	0.1 (<1.0)	19.7 (1.0-2.5)	74.1 (2.5-5.0)	5.2 (5.0-7.0)	0.9 (7.0+)
Phosphorus (P1), ppm	37	44	8.1 (<10)	24.9 (10-20)	22.9 (20-30)	24.4 (30-50)	19.7 (50+)
Phosphorus (P2), ppm	65	75	6.6 (<14)	16.9 (14-29)	21.9 (29-44)	25.8 (44-74)	28.7 (74+)
Bicarbonate P, ppm	52	50	14.3 (<5)	28.6 (5-15)	14.3 (15-25)		42.9 (25-45)
Potassium (K), ppm	147	58					
K, % Base Saturation	3.1	1.4	0.8 (<0.81)	5.2 (0.81-1.60)	53.9 (1.61-3.19)	34.7 (3.20-4.79)	6.1 (>4.79)
Magnesium (Mg), ppm	313	130					
Mg, % Base Saturation	20.4	5.8	0.1 (<5)	1.6 (5-10)	15.1 (10-15)	62.7 (15-25)	20.4 (25+)
Calcium (Ca), ppm	1650	708					
Ca, % Base Saturation	63.2	10.4	4.8 (<45)	15.0 (45-55)	68.3 (55-75)	10.5 (75-85)	1.4 (85+)
pH (1:1)	6.5	0.6	0.7 (<5.1)	13.0 (5.1-5.8)	65.7 (5.9-6.0)	16.9 (7.0-7.5)	3.7 (>7.5)
CEC, meq/100g	12.9	4.5	0.3 (<3.1)	13.7 (3.1-8.0)	54.3 (8.1-15.0)	31.1 (15.1-25.0)	0.7 (>25.0)
Sulfur (S), ppm	10	30.0	0.9 (<4)	43.3 (4-7)	46.3 (8-12)	5.7 (13-17)	3.7 (>17)
Zinc (Zn), ppm	3.4	4.6		57.9 (1.1-2.9)	31.0 (3.0-4.9)	9.3 (5.0-10.0)	1.8 (>10.0)
Manganese (Mn), ppm	28	14	1.5 (<6)	17.8 (6-14)	27.6 (15-19)	47.0 (20-49)	6.0 (>49)
Iron (Fe), ppm	51	25		0.2 (<5)	0.8 (5-9)	55.3 (10-50)	43.8 (>50)
Copper (Cu), ppm	2.3	1.2			12.0 (<0.4)	69.7 (0.4-1.1)	18.3 (1.2-3.0)
Boron (B), ppm	0.6	0.5	28.5 (<0.4)	23.9 (0.4-0.5)	43.7 (0.6-1.2)	3.8 (1.3-2.5)	0.2 (>2.5)
Nitrate (NO ₃ -N), ppm	22.0	27.5	22.8 (<5)	11.4 (5-9)	20.4 (10-19)	31.6 (20-39)	13.8 (>39)
Ammonium (NH ₄ -N), ppm	5.3	5.3	46.5 (<5)	45.9 (5-9)	5.0 (10-19)	2.3 (20-39)	0.3 (>39)