Michigan

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,%	3.1	5.7	(<1.0) 1.9	(1.0-2.5) 62.0	(2.5-5.0) 31.9	(5.0-7.0) 1.5	(7.0+) 2.8
Phosphorus (P1), ppm	56	60	(<10) 3.2	(10-20) 13.5	(20-30) 16.7	(30-50) 27.5	(50+) 39.1
Phosphorus (P2), ppm	79	57	(<14) 2.5	(14-29) 13.4	(29-44) 13.6	(44-74) 26.3	(74+) 44.3
Bicarbonate P, ppm	28	18	(<5) 3.3	(5-15) 26.0	(15-25) 26.8	(25-45) 30.9	(45+) 13.0
Potassium (K), ppm	132	65					
K, % Base Saturation	4.3	2.1	(<1.08) 0.8	(1.08-2.13) 9.9	(2.14-4.27) 52.3	(4.28-6.40) 28.7	(>6.40) 8.3
Magnesium (Mg), ppm	183	106					
Mg, % Base Saturation	17.3	5.1	(<5) 1.0	(5-10) 6.6	(10-15) 25.9	(15-25) 60.1	(25+) 6.5
Calcium (Ca), ppm	1250	979					
Ca, % Base Saturation	67.1	12.4	(<45) 4.3	(45-55) 11.8	(55-75) 54.0	(75-85) 26.1	(85+) 3.8
pH (1:1)	6.7	0.7	(<5.1) 1.3	(5.1-5.8) 10.2	(5.9-6.9) 50.8	(7.0-7.5) 25.5	(>7.5) 12.3
CEC, meq/100g	9.0	5.4	(<3.1) 1.4	(3.1-8.0) 50.0	(8.1-15.0) 41.0	(15.1-25.0) 6.0	(>25.0) 1.6
Sulfur (S), ppm	11	15.8	(<4) 0.5	(4-7) 25.2	(8-12) 54.8	(13-17) 11.8	(>17) 7.7
Zinc (Zn), ppm	4.6	3.9	(<1.0)	(1.1-2.9) 35.1	(3.0-4.9) 32.8	(5.0-10.0) 26.9	(>10.0) 5.3
Manganese (Mn), ppm	36	15	(<6) 1.9	(6-14) 7.6	(15-19) 13.3	(20-49) 62.1	(>49) 15.1
Iron (Fe), ppm	44	26		(<5) 0.3	(5-9) 0.5	(10-50) 70.8	(>50) 28.4
Copper (Cu), ppm	1.9	2.1		(<0.4) 1.6	(0.4-1.1) 42.5	(1.2-3.0) 40.8	(>3.0) 15.1
Boron (B), ppm	0.6	0.5	(<0.4) 36.1	(0.4-0.5) 22.9	(0.6-1.2) 32.2	(1.3-2.5) 7.9	(>2.5) 0.9
Nitrate (NO3-N), ppm	17.5	24.1	(<5) 18.0	(5-9) 32.1	(10-19) 21.1	(20-39) 19.0	(>39) 9.8
Ammonium (NH4-N), ppm	8.8	10.1	(<5) 29.0	(5-9) 38.0	(10-19) 16.0	(20-39) 11.0	(>39) 6.0