



Michigan

2020 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	6.1	<small><1.0</small> 1.9	<small>1.0-2.5</small> 62.2	<small>2.5-5.0</small> 31.6	<small>5.0-7.0</small> 1.6	<small>7.0+</small> 2.7
Phosphorus (P1), ppm	55	53	<small><10</small> 3.4	<small>10-20</small> 13.5	<small>20-30</small> 17.0	<small>30-50</small> 26.8	<small>50+</small> 39.3
Phosphorus (P2), ppm	84	79	<small><14</small> 3.8	<small>14-29</small> 13.5	<small>29-44</small> 15.3	<small>44-74</small> 26.1	<small>74+</small> 41.3
Bicarbonate P, ppm	44	42	<small><5</small> 8.3	<small>5-15</small> 25.0	<small>15-25</small> 12.5	<small>25-45</small> 12.5	<small>45+</small> 41.7
Potassium (K), ppm	125	60					
K, % Base Saturation	4.3	2.1	<small><1.11</small> 1.5	<small>1.11-2.19</small> 11.7	<small>2.20-4.39</small> 54.8	<small>4.40-6.58</small> 26.1	<small>>6.58</small> 6.2
Magnesium (Mg), ppm	184	110					
Mg, % Base Saturation	18.0	5.6	<small><5</small> 0.9	<small>5-10</small> 6.6	<small>10-15</small> 22.9	<small>15-25</small> 59.9	<small>25+</small> 9.7
Calcium (Ca), ppm	1208	967					
Ca, % Base Saturation	66.9	12.2	<small><45</small> 4.4	<small>45-55</small> 12.3	<small>55-75</small> 55.6	<small>75-85</small> 24.0	<small>85+</small> 3.7
pH (1:1)	6.7	0.7	<small><5.1</small> 1.1	<small>5.1-5.8</small> 9.5	<small>5.9-6.9</small> 51.4	<small>7.0-7.5</small> 25.1	<small>>7.5</small> 12.8
CEC, meq/100g	8.7	5.4	<small><3.1</small> 2.2	<small>3.1-8.0</small> 52.2	<small>8.1-15.0</small> 38.4	<small>15.1-25.0</small> 5.6	<small>>25.0</small> 1.6
Sulfur (S), ppm	10	14.7	<small><4</small> 1.8	<small>4-7</small> 43.6	<small>8-12</small> 42.2	<small>13-17</small> 7.0	<small>>17</small> 5.4
Zinc (Zn), ppm	4.5	3.6	<small><1.0</small> 37.0	<small>1.1-2.9</small> 37.0	<small>3.0-4.9</small> 33.9	<small>5.0-10.0</small> 24.3	<small>>10.0</small> 4.8
Manganese (Mn), ppm	35	14	<small><6</small> 2.4	<small>6-14</small> 8.0	<small>15-19</small> 14.2	<small>20-49</small> 65.3	<small>>49</small> 10.1
Iron (Fe), ppm	44	24		<small><5</small> 0.4	<small>5-9</small> 0.7	<small>10-50</small> 69.3	<small>>50</small> 29.6
Copper (Cu), ppm	1.8	1.9		<small><0.4</small> 0.8	<small>0.4-1.1</small> 40.9	<small>1.2-3.0</small> 46.2	<small>>3.0</small> 12.2
Boron (B), ppm	0.6	0.5	<small><0.4</small> 37.7	<small>0.4-0.5</small> 21.8	<small>0.6-1.2</small> 32.0	<small>1.3-2.5</small> 7.7	<small>>2.5</small> 0.8
Nitrate (NO ₃ -N), ppm	26.7	27.5	<small><5</small> 14.0	<small>5-9</small> 12.0	<small>10-19</small> 22.5	<small>20-39</small> 29.1	<small>>39</small> 22.4
Ammonium (NH ₄ -N), ppm	5.5	10.5	<small><5</small> 57.2	<small>5-9</small> 29.5	<small>10-19</small> 6.2	<small>20-39</small> 4.0	<small>>39</small> 3.1