



Southeast 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,%	2.9	3.9	<small><1.0</small> 0.8	<small>1.0-2.5</small> 57.3	<small>2.5-5.0</small> 38.6	<small>5.0-7.0</small> 1.5	<small>7.0+</small> 1.8
Phosphorus (P1), ppm	53	46	<small><10</small> 2.9	<small>10-20</small> 12.7	<small>20-30</small> 17.6	<small>30-50</small> 29.8	<small>50+</small> 37.0
Phosphorus (P2), ppm	68	54	<small><14</small> 5.0	<small>14-29</small> 23.1	<small>29-44</small> 17.8	<small>44-74</small> 21.5	<small>74+</small> 32.6
Bicarbonate P, ppm	12	7	<small><5</small> 30.0	<small>5-15</small> 40.0	<small>15-25</small> 30.0	<small>25-45</small>	<small>45+</small>
Potassium (K), ppm	142	66					
K, % Base Saturation	4.2	2.0	<small><1.02</small> 0.5	<small>1.02-2.02</small> 7.5	<small>2.03-4.04</small> 48.9	<small>4.05-6.06</small> 32.8	<small>>6.06</small> 10.3
Magnesium (Mg), ppm	191	89					
Mg, % Base Saturation	16.9	4.6	<small><5</small> 0.6	<small>5-10</small> 5.9	<small>10-15</small> 27.6	<small>15-25</small> 62.1	<small>25+</small> 3.8
Calcium (Ca), ppm	1377	896					
Ca, % Base Saturation	69.7	11.6	<small><45</small> 2.7	<small>45-55</small> 9.3	<small>55-75</small> 47.5	<small>75-85</small> 35.4	<small>85+</small> 5.1
pH (1:1)	6.8	0.7	<small><5.1</small> 0.6	<small>5.1-5.8</small> 8.4	<small>5.9-6.9</small> 45.1	<small>7.0-7.5</small> 29.7	<small>>7.5</small> 16.1
CEC, meq/100g	9.6	4.8	<small><3.1</small> 0.5	<small>3.1-8.0</small> 39.6	<small>8.1-15.0</small> 52.3	<small>15.1-25.0</small> 6.7	<small>>25.0</small> 0.9
Sulfur (S), ppm	11	9.2	<small><4</small> 0.5	<small>4-7</small> 27.0	<small>8-12</small> 54.7	<small>13-17</small> 11.4	<small>>17</small> 6.4
Zinc (Zn), ppm	4.5	3.1	<small><1.0</small>	<small>1.1-2.9</small> 35.4	<small>3.0-4.9</small> 30.8	<small>5.0-10.0</small> 30.1	<small>>10.0</small> 3.7
Manganese (Mn), ppm	37	13	<small><6</small> 0.8	<small>6-14</small> 5.3	<small>15-19</small> 13.6	<small>20-49</small> 65.2	<small>>49</small> 15.0
Iron (Fe), ppm	39	21		<small><5</small> 0.5	<small>5-9</small> 0.3	<small>10-50</small> 78.9	<small>>50</small> 20.3
Copper (Cu), ppm	2.1	2.0		<small><0.4</small> 0.8	<small>0.4-1.1</small> 37.5	<small>1.2-3.0</small> 44.6	<small>>3.0</small> 17.1
Boron (B), ppm	0.6	0.4	<small><0.4</small> 27.9	<small>0.4-0.5</small> 23.4	<small>0.6-1.2</small> 40.3	<small>1.3-2.5</small> 8.3	<small>>2.5</small> 0.2
Nitrate (NO3-N), ppm	25.1	17.2	<small><5</small> 13.0	<small>5-9</small> 17.4	<small>10-19</small> 1.4	<small>20-39</small> 50.7	<small>>39</small> 17.4
Ammonium (NH4-N), ppm	9.4	9.3	<small><5</small> 22.0	<small>5-9</small> 39.0	<small>10-19</small> 20.3	<small>20-39</small> 11.9	<small>>39</small> 6.8