



State of Wisconsin

2017 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	3.9	<small><1.0</small> 3.0	<small>1.0-2.5</small> 29.9	<small>2.5-5.0</small> 57.3	<small>5.0-7.0</small> 6.7	<small>7.0+</small> 3.1
Phosphorus (P1), ppm	46	49	<small><10</small> 7.3	<small>10-20</small> 3.3	<small>20-30</small> 30.9	<small>30-50</small> 11.9	<small>50+</small> 29.3
Phosphorus (P2), ppm	132	90	<small><14</small>	<small>14-29</small> 5.2	<small>29-44</small> 17.2	<small>44-74</small> 12.1	<small>74+</small> 65.5
Bicarbonate P, ppm	27	2	<small><5</small>	<small>5-15</small>	<small>15-25</small> 50.0	<small>25-45</small> 50.0	<small>45+</small>
Potassium (K), ppm	139	73					
K, % Base Saturation	3.2	1.7	<small><0.80</small> 1.1	<small>0.80-1.57</small> 10.9	<small>1.58-3.15</small> 51.5	<small>3.16-4.72</small> 25.2	<small>>4.72</small> 11.6
Magnesium (Mg), ppm	438	198					
Mg, % Base Saturation	29.1	7.6	<small><5</small> 2.7	<small>5-10</small> 2.2	<small>10-15</small> 2.1	<small>15-25</small> 13.9	<small>25+</small> 79.0
Calcium (Ca), ppm	1417	914					
Ca, % Base Saturation	56.0	13.1	<small><45</small> 11.2	<small>45-55</small> 15.6	<small>55-75</small> 71.0	<small>75-85</small> 1.5	<small>85+</small> 0.7
pH (1:1)	6.7	0.6	<small><5.1</small> 0.9	<small>5.1-5.8</small> 9.9	<small>5.9-6.0</small> 51.5	<small>7.0-7.5</small> 30.3	<small>>7.5</small> 7.3
CEC, meq/100g	13.1	5.8	<small><3.1</small> 1.7	<small>3.1-8.0</small> 16.8	<small>8.1-15.0</small> 60.9	<small>15.1-25.0</small> 14.8	<small>>25.0</small> 5.8
Sulfur (S), ppm	8	10.8	<small><4</small> 0.7	<small>4-7</small> 61.5	<small>8-12</small> 31.8	<small>13-17</small> 3.0	<small>>17</small> 3.0
Zinc (Zn), ppm	4.7	4.2	<small><1.0</small> 0.2	<small>1.1-2.9</small> 41.1	<small>3.0-4.9</small> 33.6	<small>5.0-10.0</small> 16.1	<small>>10.0</small> 9.0
Manganese (Mn), ppm	53	21	<small><6</small> 4.1	<small>6-14</small> 2.2	<small>15-19</small> 1.9	<small>20-49</small> 34.6	<small>>49</small> 57.2
Iron (Fe), ppm	37	23		<small><5</small> 0.8	<small>5-9</small> 1.9	<small>10-50</small> 79.0	<small>>50</small> 18.3
Copper (Cu), ppm	1.4	0.9		<small><0.4</small> 0.1	<small>0.4-1.1</small> 55.1	<small>1.2-3.0</small> 39.9	<small>>3.0</small> 4.8
Boron (B), ppm	0.5	0.5	<small><0.4</small> 49.4	<small>0.4-0.5</small> 24.7	<small>0.6-1.2</small> 19.7	<small>1.3-2.5</small> 5.8	<small>>2.5</small> 0.3
Nitrate (NO ₃ -N), ppm	13.4	14.7	<small><5</small> 11.4	<small>5-9</small> 49.6	<small>10-19</small> 18.8	<small>20-39</small> 12.9	<small>>39</small> 7.4
Ammonium (NH ₄ -N), ppm	2.8	1.6	<small><5</small> 88.2	<small>5-9</small> 11.8	<small>10-19</small>	<small>20-39</small>	<small>>39</small>