



# Wisconsin

## 2023 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,%	3.7	4.6	4.0 <small>(&lt;1.0)</small>	28.8 <small>(1.0-2.5)</small>	53.3 <small>(2.5-5.0)</small>	9.7 <small>(5.0-7.0)</small>	4.2 <small>(7.0+)</small>
Phosphorus (P1), ppm	50	55	7.1 <small>(&lt;10)</small>	2.5 <small>(10-20)</small>	29.8 <small>(20-30)</small>	13.9 <small>(30-50)</small>	31.9 <small>(50+)</small>
Phosphorus (P2), ppm	56	64	2.1 <small>(&lt;14)</small>	30.9 <small>(14-29)</small>	30.4 <small>(29-44)</small>	20.6 <small>(44-74)</small>	16.0 <small>(74+)</small>
Potassium (K), ppm	142	74					
K, % Base Saturation	3.0	1.5	0.8 <small>(&lt;0.68)</small>	10.7 <small>(0.68-1.34)</small>	51.6 <small>(1.35-2.68)</small>	26.0 <small>(2.69-4.02)</small>	11.0 <small>(&gt;4.02)</small>
Magnesium (Mg), ppm	416	196					
Mg, % Base Saturation	26.7	6.7	0.2 <small>(&lt;5)</small>	1.3 <small>(5-10)</small>	2.5 <small>(10-15)</small>	17.9 <small>(15-25)</small>	78.2 <small>(25+)</small>
Calcium (Ca), ppm	1464	1157					
Ca, % Base Saturation	59.2	8.8	5.6 <small>(&lt;45)</small>	13.1 <small>(45-55)</small>	77.9 <small>(55-75)</small>	2.5 <small>(75-85)</small>	1.0 <small>(85+)</small>
pH (1:1)	6.5	0.7	1.8 <small>(&lt;5.1)</small>	14.4 <small>(5.1-5.8)</small>	53.3 <small>(5.9-6.9)</small>	25.3 <small>(7.0-7.5)</small>	5.2 <small>(&gt;7.5)</small>
CEC, meq/100g	16.3	9.0	2.8 <small>(&lt;3.1)</small>	22.1 <small>(3.1-8.0)</small>	53.3 <small>(8.1-15.0)</small>	18.9 <small>(15.1-25.0)</small>	2.9 <small>(&gt;25.0)</small>
Sulfur (S), ppm	9	20.0	2.0 <small>(&lt;4)</small>	49.9 <small>(4-7)</small>	39.4 <small>(8-12)</small>	5.9 <small>(13-17)</small>	2.8 <small>(&gt;17)</small>
Zinc (Zn), ppm	4.6	8.0		30.4 <small>(&lt;1.0)</small>	39.6 <small>(1.1-2.9)</small>	25.6 <small>(3.0-4.9)</small>	4.3 <small>(5.0-10.0)</small>
Manganese (Mn), ppm	52	17	0.9 <small>(&lt;6)</small>	1.2 <small>(6-14)</small>	2.1 <small>(15-19)</small>	41.3 <small>(20-49)</small>	54.5 <small>(&gt;49)</small>
Iron (Fe), ppm	37	24		2.2 <small>(&lt;5)</small>	3.1 <small>(5-9)</small>	75.6 <small>(10-50)</small>	19.1 <small>(&gt;50)</small>
Copper (Cu), ppm	1.5	1.2		0.7 <small>(&lt;0.4)</small>	45.1 <small>(0.4-1.1)</small>	48.5 <small>(1.2-3.0)</small>	5.8 <small>(&gt;3.0)</small>
Boron (B), ppm	0.7	0.5	25.5 <small>(&lt;0.4)</small>	23.8 <small>(0.4-0.5)</small>	37.6 <small>(0.6-1.2)</small>	12.2 <small>(1.3-2.5)</small>	0.9 <small>(&gt;2.5)</small>
Nitrate (NO <sub>3</sub> -N), ppm	13.0	11.1	6.6 <small>(&lt;5)</small>	46.0 <small>(5-9)</small>	27.2 <small>(10-19)</small>	17.4 <small>(20-39)</small>	2.8 <small>(&gt;39)</small>
Ammonium (NH <sub>4</sub> -N), ppm	6.2	1.6	1.9 <small>(&lt;5)</small>	87.9 <small>(5-9)</small>	10.3 <small>(10-19)</small>		