



Wisconsin

2021 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,% | 3.6 | 4.3 | <small>(<1.0)</small> 4.0 | <small>(1.0-2.5)</small> 29.5 | <small>(2.5-5.0)</small> 55.2 | <small>(5.0-7.0)</small> 7.8 | <small>(7.0+)</small> 3.5 |
| Phosphorus (P1), ppm | 50 | 51 | <small>(<10)</small> 7.0 | <small>(10-20)</small> 2.4 | <small>(20-30)</small> 28.9 | <small>(30-50)</small> 13.6 | <small>(50+)</small> 32.2 |
| Phosphorus (P2), ppm | 85 | 80 | <small>(<14)</small> | <small>(14-29)</small> 16.2 | <small>(29-44)</small> 21.4 | <small>(44-74)</small> 23.1 | <small>(74+)</small> 39.3 |
| Bicarbonate P, ppm | 26 | 3 | <small>(<5)</small> | <small>(5-15)</small> | <small>(15-25)</small> 25.0 | <small>(25-45)</small> 75.0 | <small>(45+)</small> |
| Potassium (K), ppm | 137 | 76 | | | | | |
| K, % Base Saturation | 3.3 | 1.6 | <small>(<0.72)</small> 0.9 | <small>(0.72-1.42)</small> 13.5 | <small>(1.43-2.85)</small> 50.6 | <small>(2.86-4.27)</small> 24.0 | <small>(>4.27)</small> 11.1 |
| Magnesium (Mg), ppm | 408 | 205 | | | | | |
| Mg, % Base Saturation | 27.7 | 6.2 | <small>(<5)</small> 0.3 | <small>(5-10)</small> 1.4 | <small>(10-15)</small> 3.2 | <small>(15-25)</small> 16.5 | <small>(25+)</small> 78.7 |
| Calcium (Ca), ppm | 1388 | 888 | | | | | |
| Ca, % Base Saturation | 59.6 | 8.6 | <small>(<45)</small> 4.6 | <small>(45-55)</small> 9.9 | <small>(55-75)</small> 81.6 | <small>(75-85)</small> 2.9 | <small>(85+)</small> 0.9 |
| pH (1:1) | 6.6 | 0.7 | <small>(<5.1)</small> 2.1 | <small>(5.1-5.8)</small> 14.0 | <small>(5.9-6.9)</small> 48.6 | <small>(7.0-7.5)</small> 28.6 | <small>(>7.5)</small> 6.7 |
| CEC, meq/100g | 15.0 | 5.9 | <small>(<3.1)</small> 3.2 | <small>(3.1-8.0)</small> 23.7 | <small>(8.1-15.0)</small> 55.0 | <small>(15.1-25.0)</small> 16.3 | <small>(>25.0)</small> 1.9 |
| Sulfur (S), ppm | 10 | 30.9 | <small>(<4)</small> 2.4 | <small>(4-7)</small> 40.6 | <small>(8-12)</small> 42.4 | <small>(13-17)</small> 9.1 | <small>(>17)</small> 5.4 |
| Zinc (Zn), ppm | 4.6 | 3.1 | <small>(<1.0)</small> | <small>(1.1-2.9)</small> 31.1 | <small>(3.0-4.9)</small> 39.2 | <small>(5.0-10.0)</small> 25.0 | <small>(>10.0)</small> 4.8 |
| Manganese (Mn), ppm | 52 | 15 | <small>(<6)</small> 0.9 | <small>(6-14)</small> 1.0 | <small>(15-19)</small> 1.5 | <small>(20-49)</small> 43.0 | <small>(>49)</small> 53.6 |
| Iron (Fe), ppm | 33 | 22 | | <small>(<5)</small> 3.5 | <small>(5-9)</small> 4.1 | <small>(10-50)</small> 76.7 | <small>(>50)</small> 15.7 |
| Copper (Cu), ppm | 1.7 | 1.7 | | <small>(<0.4)</small> 0.4 | <small>(0.4-1.1)</small> 43.2 | <small>(1.2-3.0)</small> 48.0 | <small>(>3.0)</small> 8.4 |
| Boron (B), ppm | 0.8 | 0.6 | <small>(<0.4)</small> 26.8 | <small>(0.4-0.5)</small> 18.7 | <small>(0.6-1.2)</small> 37.1 | <small>(1.3-2.5)</small> 16.3 | <small>(>2.5)</small> 1.0 |
| Nitrate (NO3-N), ppm | 14.7 | 15.6 | <small>(<5)</small> 12.3 | <small>(5-9)</small> 31.1 | <small>(10-19)</small> 38.7 | <small>(20-39)</small> 11.3 | <small>(>39)</small> 6.6 |