



# Northwest Wisconsin

## 2015 SOIL TEST DATA SUMMARY

| Soil Test             | Soil Test Statistics |           | Percent of Samples by Rating Category |                  |                     |                   |                     |
|-----------------------|----------------------|-----------|---------------------------------------|------------------|---------------------|-------------------|---------------------|
|                       | Average              | Std. Dev. | Very Low<br>(<1.0)                    | Low<br>(1.0-2.5) | Medium<br>(2.5-5.0) | High<br>(5.0-7.0) | Very High<br>(7.0+) |
| Organic Matter,%      | 1.7                  | 2.3       | 28.9                                  | 59.7             | 8.8                 | 0.8               | 1.8                 |
| Phosphorus (P1), ppm  | 143                  | 90        | 1.3                                   |                  | 8.7                 | 6.0               | 80.1                |
| Potassium (K), ppm    | 105                  | 59        |                                       |                  |                     |                   |                     |
| K, % Base Saturation  | 5.3                  | 1.9       | 5.5                                   | 16.9             | 51.7                | 22.9              | 4.1                 |
| Magnesium (Mg), ppm   | 128                  | 72        |                                       |                  |                     |                   |                     |
| Mg, % Base Saturation | 25.1                 | 5.3       |                                       | 1.5              | 1.5                 | 50.0              | 47.1                |
| Calcium (Ca), ppm     | 556                  | 366       |                                       |                  |                     |                   |                     |
| Ca, % Base Saturation | 60.2                 | 13.9      | 1.5                                   | 26.5             | 66.2                | 4.4               | 1.5                 |
| pH (1:1)              | 6.2                  | 0.7       | 8.9                                   | 18.8             | 61.2                | 10.2              | 0.8                 |
| CEC, meq/100g         | 6.8                  | 3.5       |                                       | 72.1             | 23.5                | 4.4               |                     |
| Sulfur (S), ppm       | 10                   | 10.5      | 4.3                                   | 51.0             | 26.6                | 8.3               | 9.8                 |
| Zinc (Zn), ppm        | 5.6                  | 5.2       |                                       | 51.0             | 13.4                | 13.9              | 21.8                |
| Manganese (Mn), ppm   | 29                   | 23        | 28.5                                  | 14.1             | 5.7                 | 28.2              | 23.4                |
| Iron (Fe), ppm        | 44                   | 33        |                                       | 5.9              | 3.9                 | 63.5              | 26.7                |
| Copper (Cu), ppm      | 2.0                  | 1.6       |                                       | 1.0              | 43.6                | 34.5              | 20.8                |
| Boron (B), ppm        | 0.3                  | 0.5       | 85.6                                  | 8.1              | 3.6                 | 1.9               | 0.7                 |
| Nitrate (NO3-N), ppm  | 6.4                  | 2.8       | 28.6                                  | 42.9             | 28.6                |                   |                     |