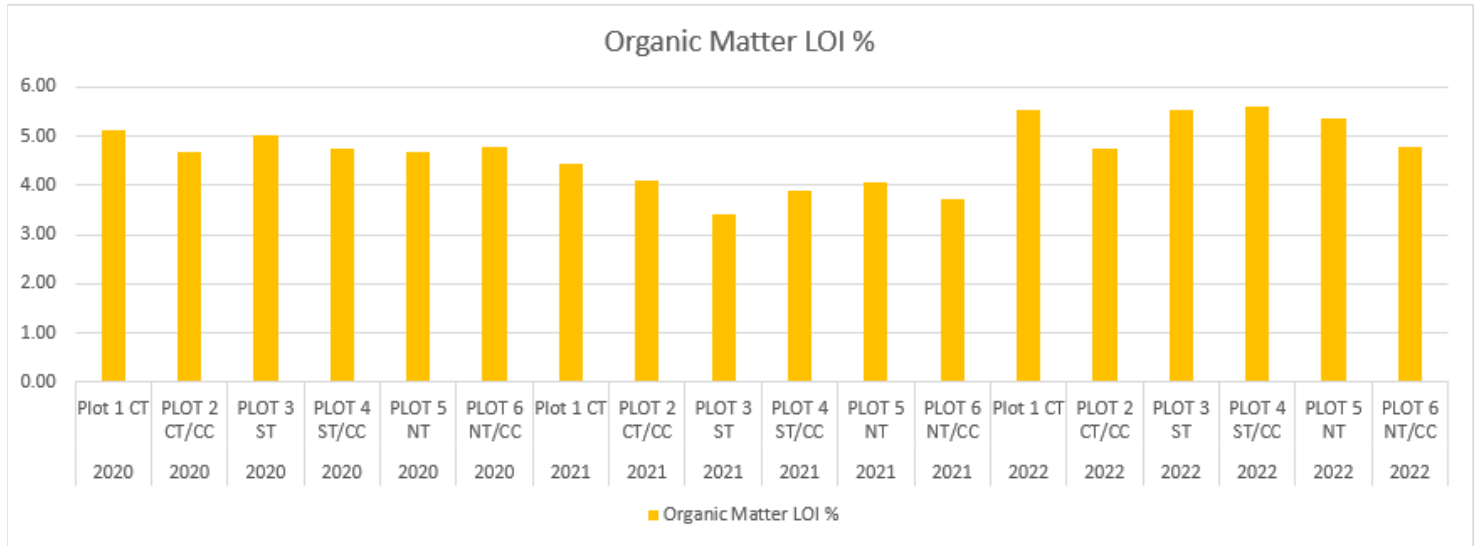


Wilkin SWCD Soil Health Demonstration Site

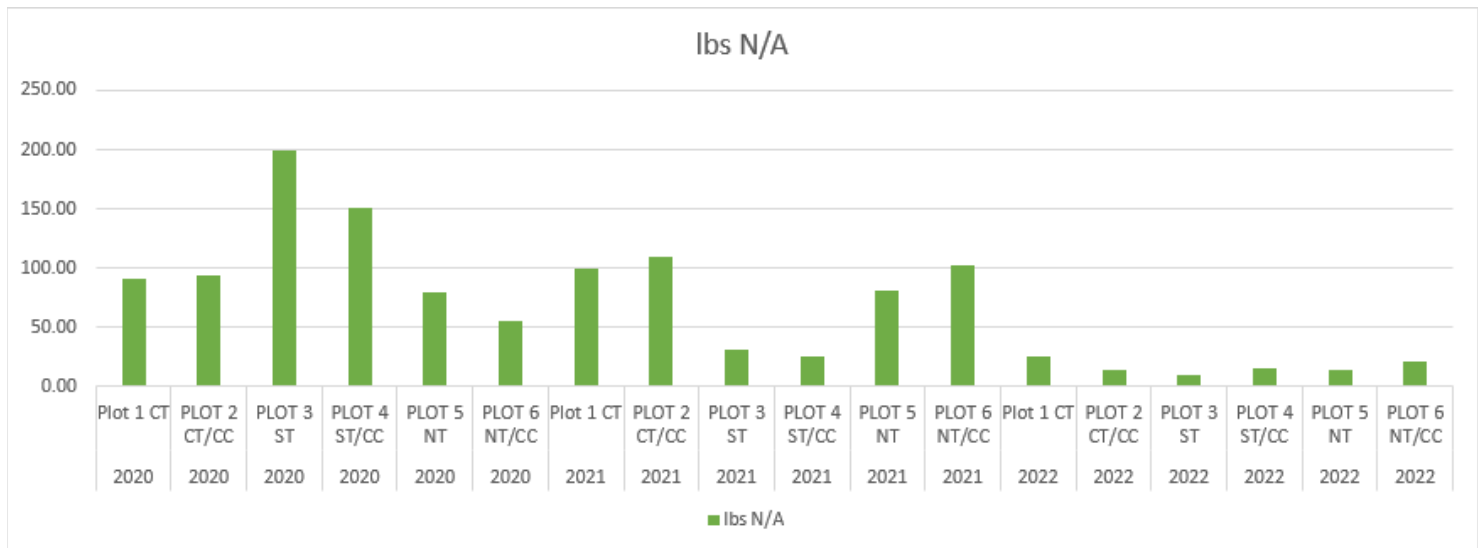
S-101 Data Graphs

S-101 Data Analysis 2020-2022

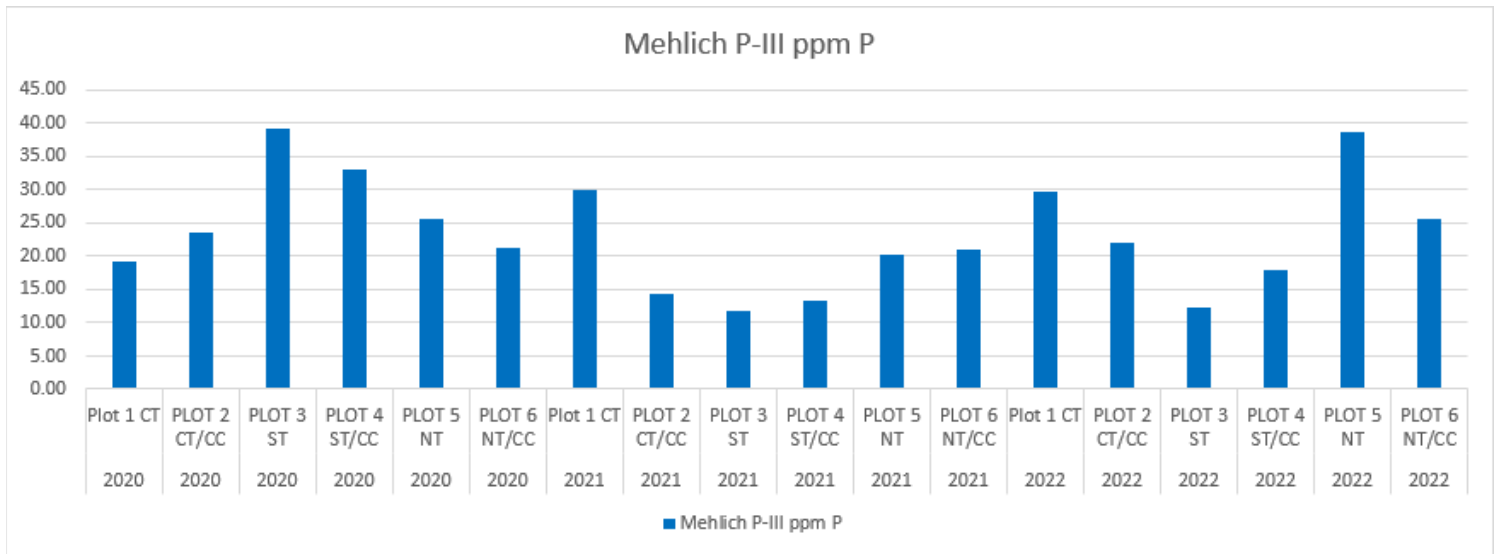
The S101 soil test is a generic soil test to measure NPK in the soil as well as organic matter, this is one of the more common if not most common soil tests out there. This test allows farmers to modify their nutrient inputs to better utilize the nutrients that either carried over from last season or are naturally present in the soil.



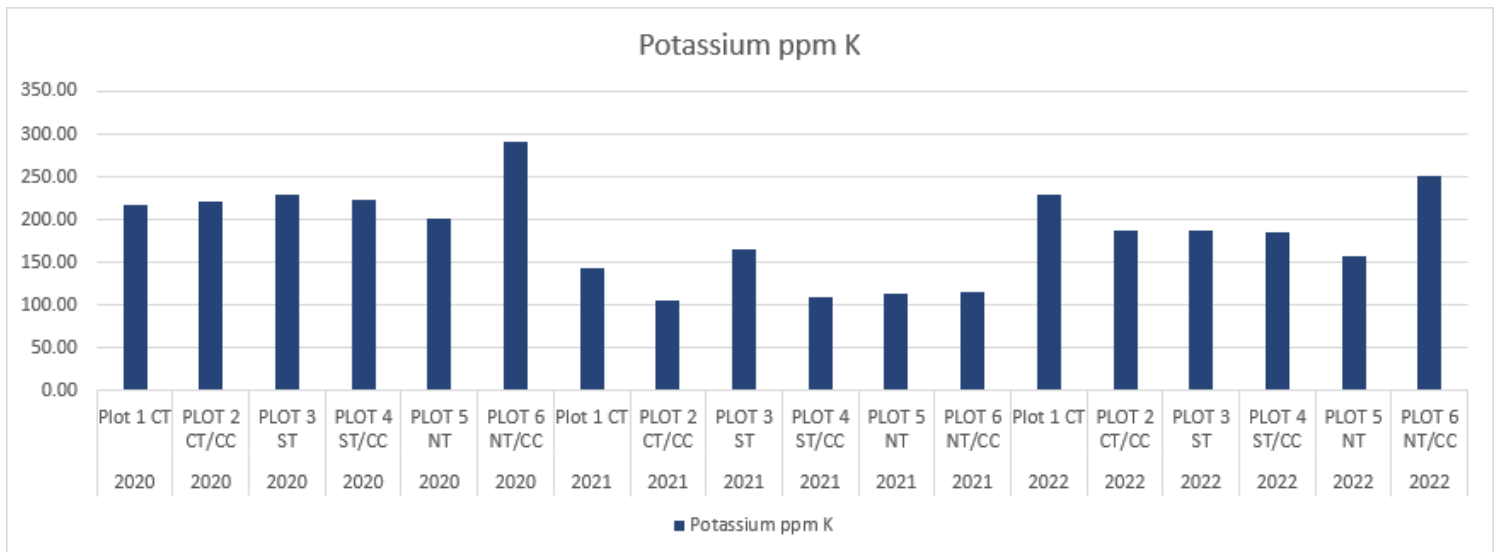
Organic matter levels are generally high, with some seasonal fluctuation. Lower values in 2021 might be due to dry conditions.



Like Haney test N results, these show lower values in 2021 than 2020. Values dropped even lower in 2022, perhaps following 2021 corn crop uptake. Lower values in strip-till may reflect samples taken between rows while fertilizer was banded in the crop row.



These P values vary from low to high based on UMN Extension soil test interpretations. Again, values in 2021 are lower, especially in strip-till plots. This decrease in strip-till plots goes on into 2022. Lower values in strip-till may reflect samples taken between rows while fertilizer was banded in the crop row.



The K values are all at least medium based on UMN Extension soil test interpretations, even when somewhat lower in 2021.