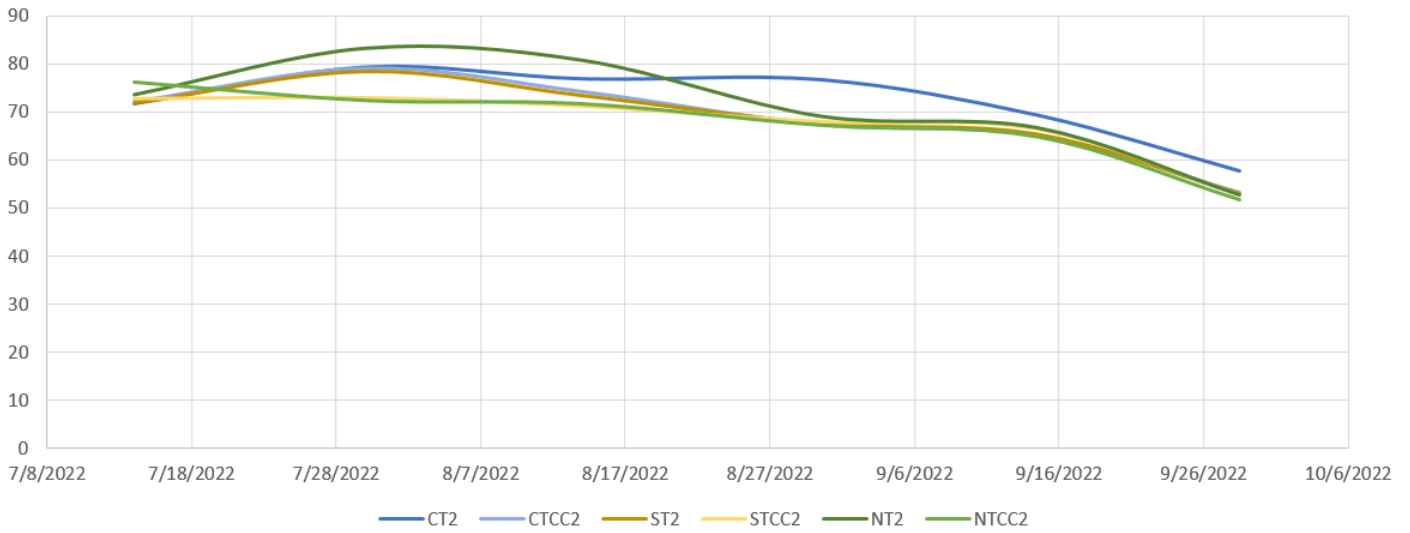


Wilkin SWCD Soil Health Demonstration Site Data Graphs

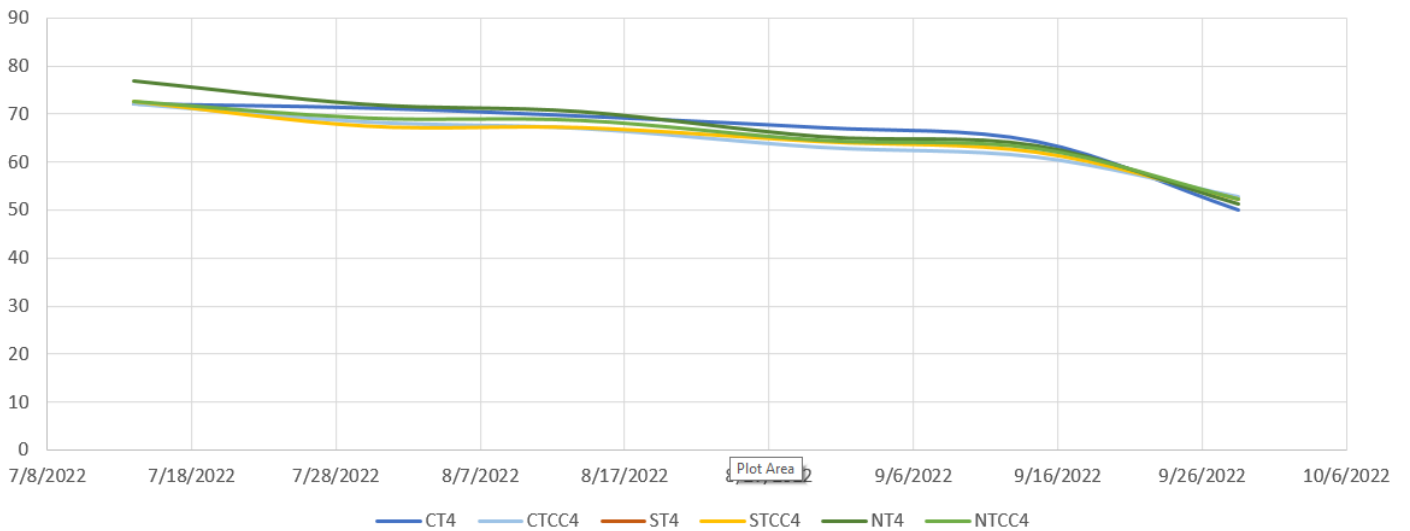
Soil Temperature 2022

The soil temperature readings were based off sensors placed at two and four inches under the soil, using these depths to get a better idea as to what these treatments would do to the temperature where the plant is growing underground. These values are greatly beneficial for the sugar beet production, as change in temperature is what causes/benefits sugar production in the plant.

Wilkin SWCD Demo Site
Soil Temperature Reading at 2" Depth



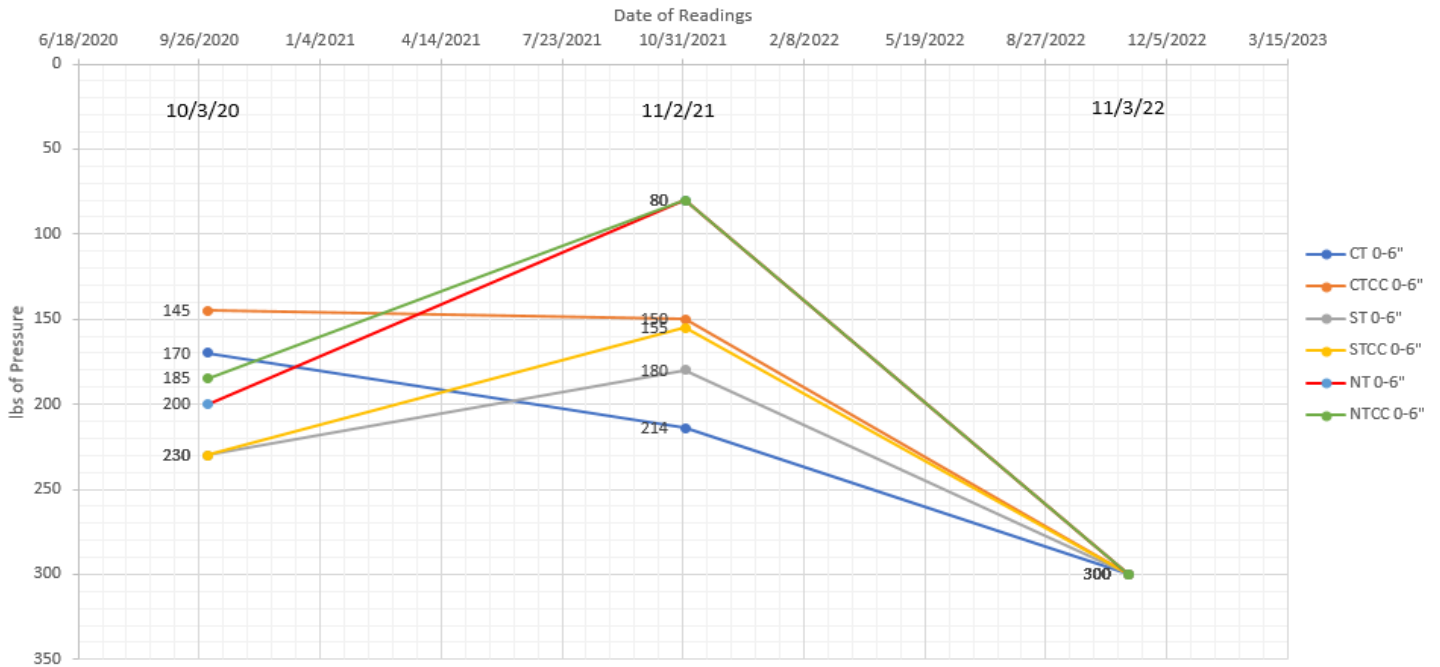
Wilkin SWCD Demo Site
Soil Temperature Reading at 4" Depth



Penetrometer readings

Penetrometer readings provide a method to measure compaction in the soil by using sized points and measuring the psi required to penetrate the soil. This test is influenced by moisture in the soil greatly, the dryer the soil profile the more psi required to penetrate when soil structure is lacking and in heavier soils like those found in this test plot.

Wilkin SWCD Demo Site
Penetrometer Readings at 0-6" Depth



Wilkin SWCD Demo Site
Penetrometer Readings at 6-12" Depth

