



## **Abstract**





## **2. Methods**

### ***2.1 Experimental Design and Soil Sampling***

**Table 1.**

<b>Bernardston Silt Loam</b>	<b>Field Name</b>	<b>Field Type</b>	<b>Time in No-Till</b>	<b>Field Use</b>	<b>Field History</b>	<b>Amendments</b>

°C

#### ***2.4 Total Carbon (TC) and Total Nitrogen (TN)***

°C

°C

#### ***2.5 Soil Organic Matter (SOM)***

°C

°C

#### **2.4 Microbial Community Physiological Profiling**

°C

## **Statistical Analyses**



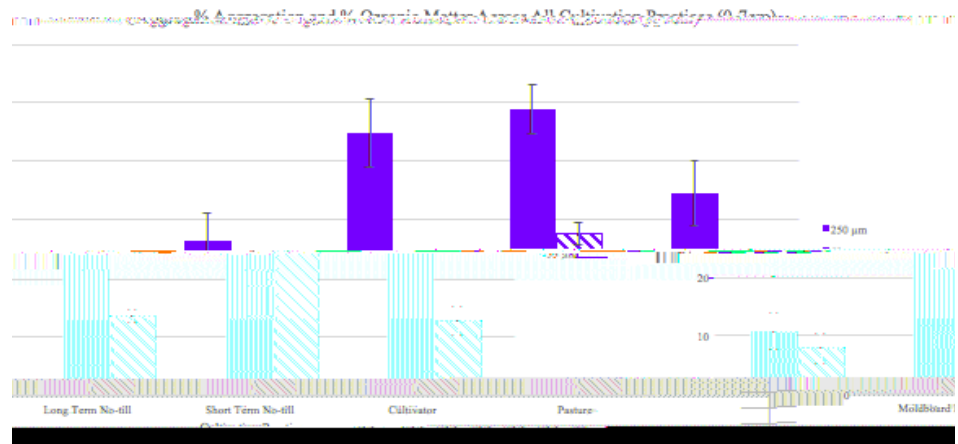


Figure 2.

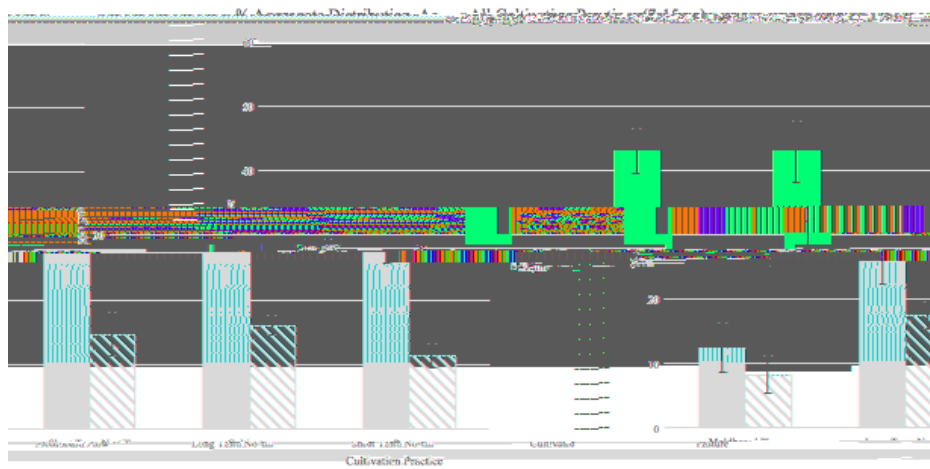


Figure 3.

### 3.2 Total Carbon and Nitrogen

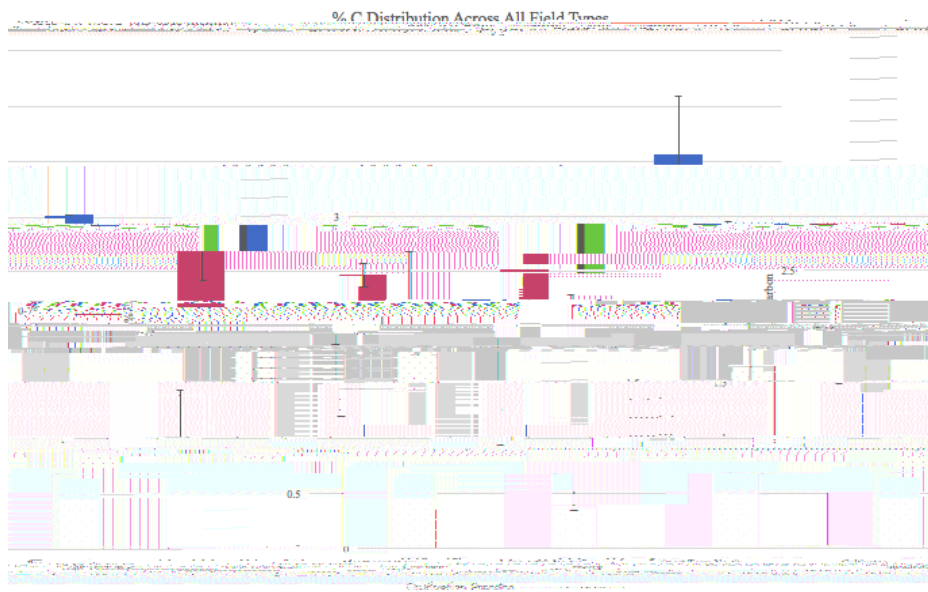


Figure 4.



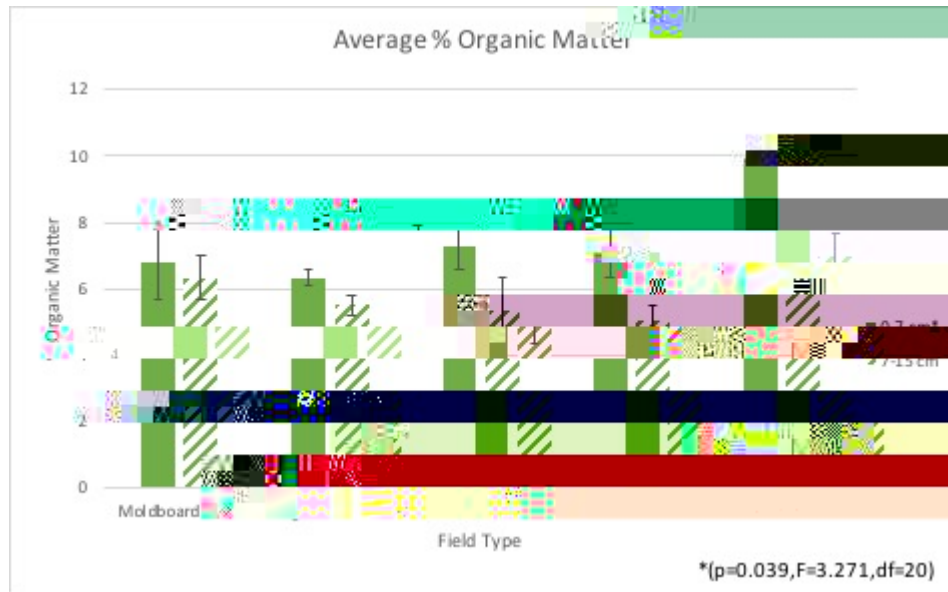


Figure 6.

### 3.4 Microbial Community Physiological Profiling





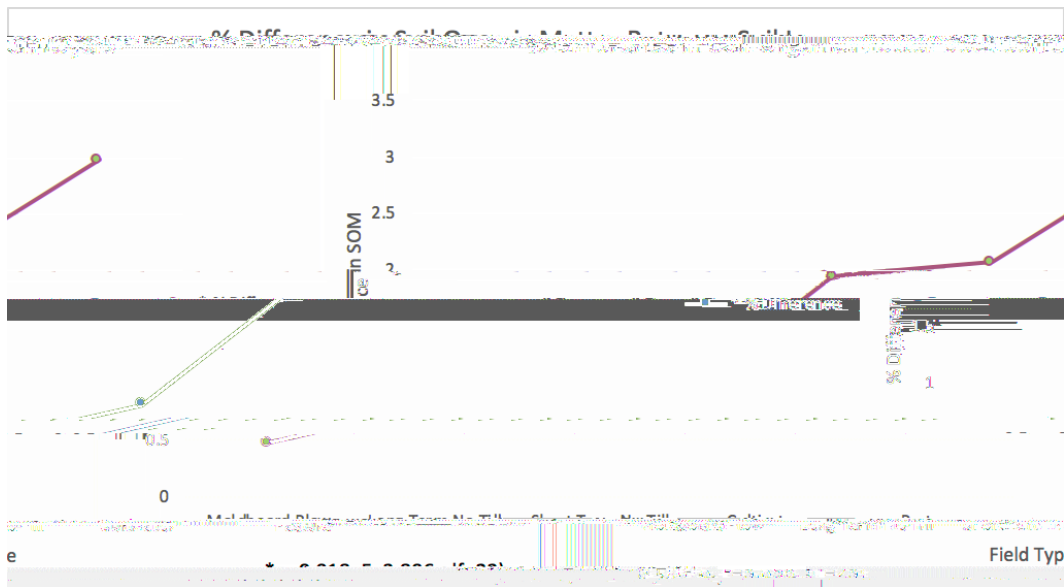


**Figure 9.**



**Figure 10.**





**Figure 11.**





## References

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