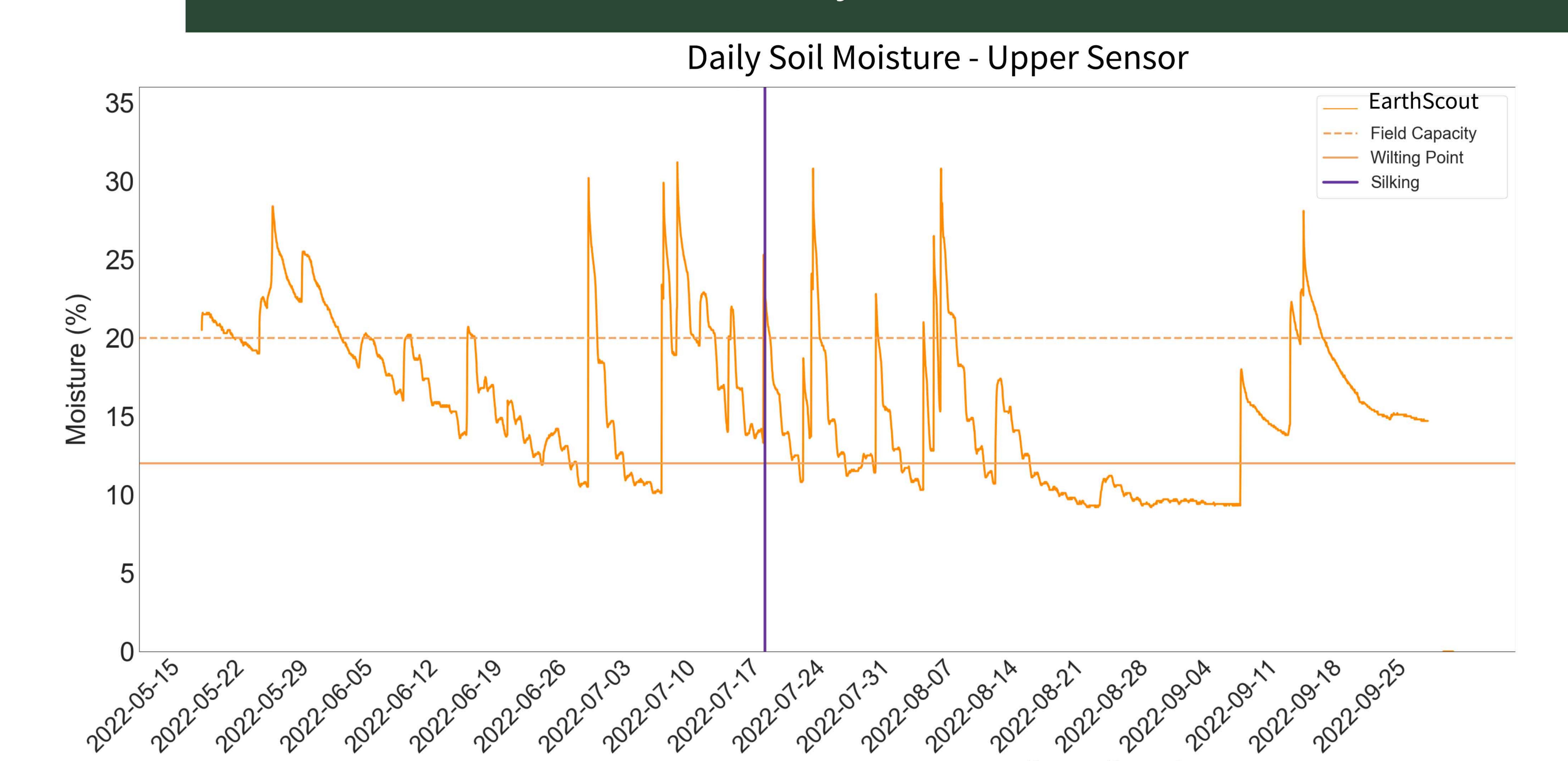


The purple line denotes estimated silk stage. The red dotted line denotes the pollen viability which is when pollen is no longer viable over 95 degrees Fahrenheit.



John Doe Farm Daily Soil Moisture

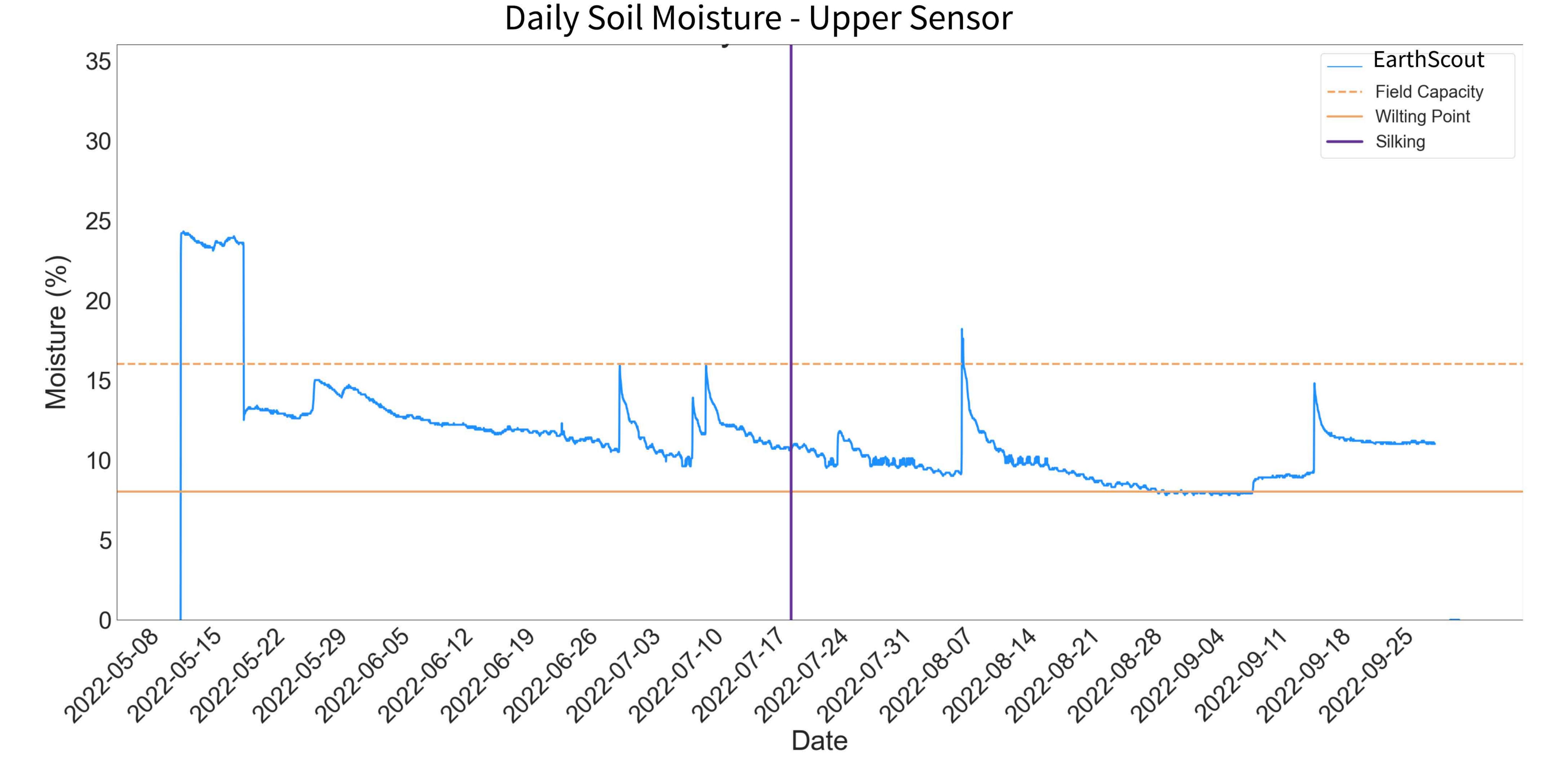
Date Range: 5/9/2022-9/29/2022 Crop: Corn

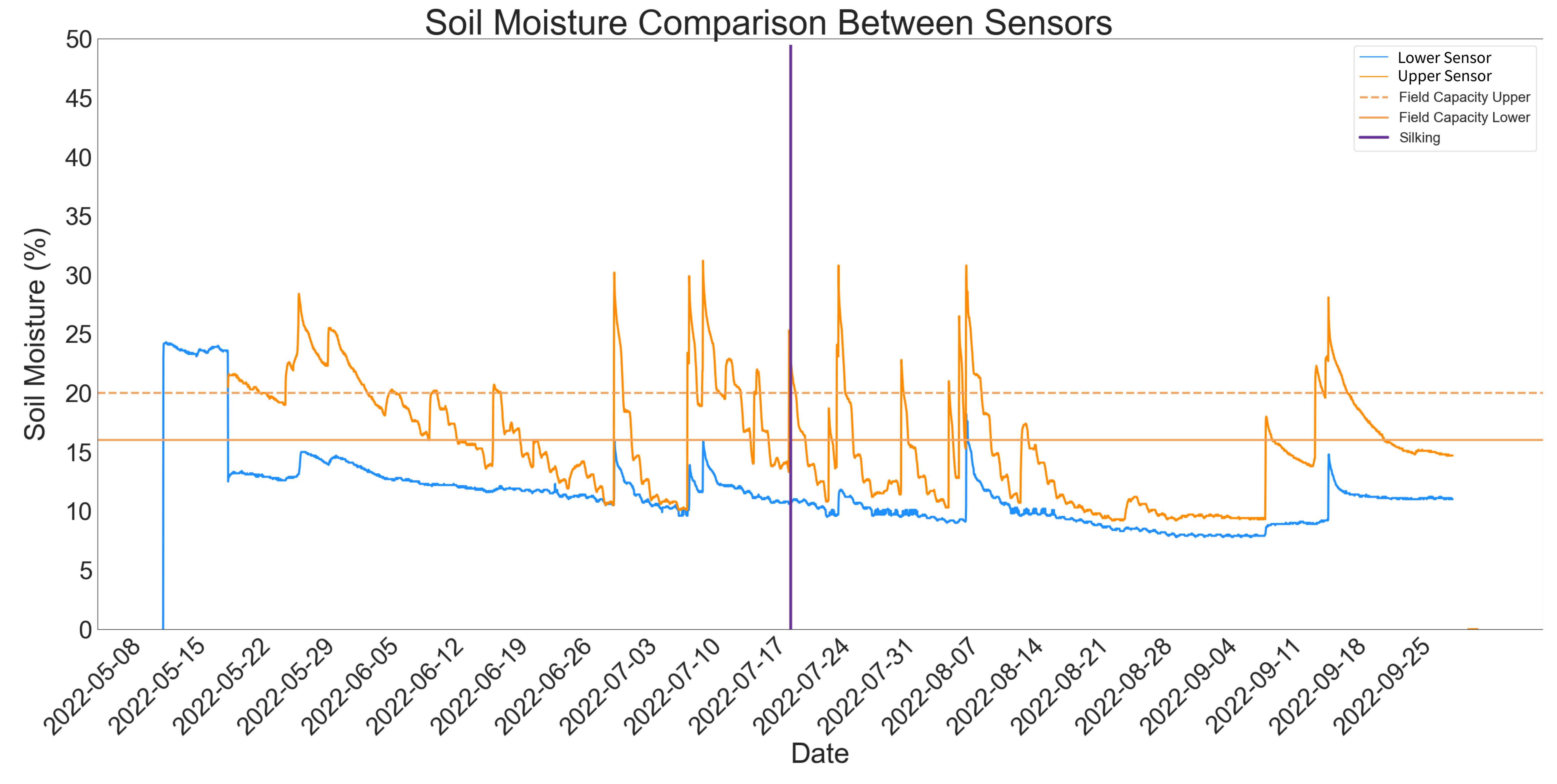


The upper sensor has an estimated field capacity around 20% and a wilting point near 12%. The lower sensor has an estimated field capacity around 16% and a wilting point near 8%.

The purple line denotes silking where soil moisture can be a limiting factor.

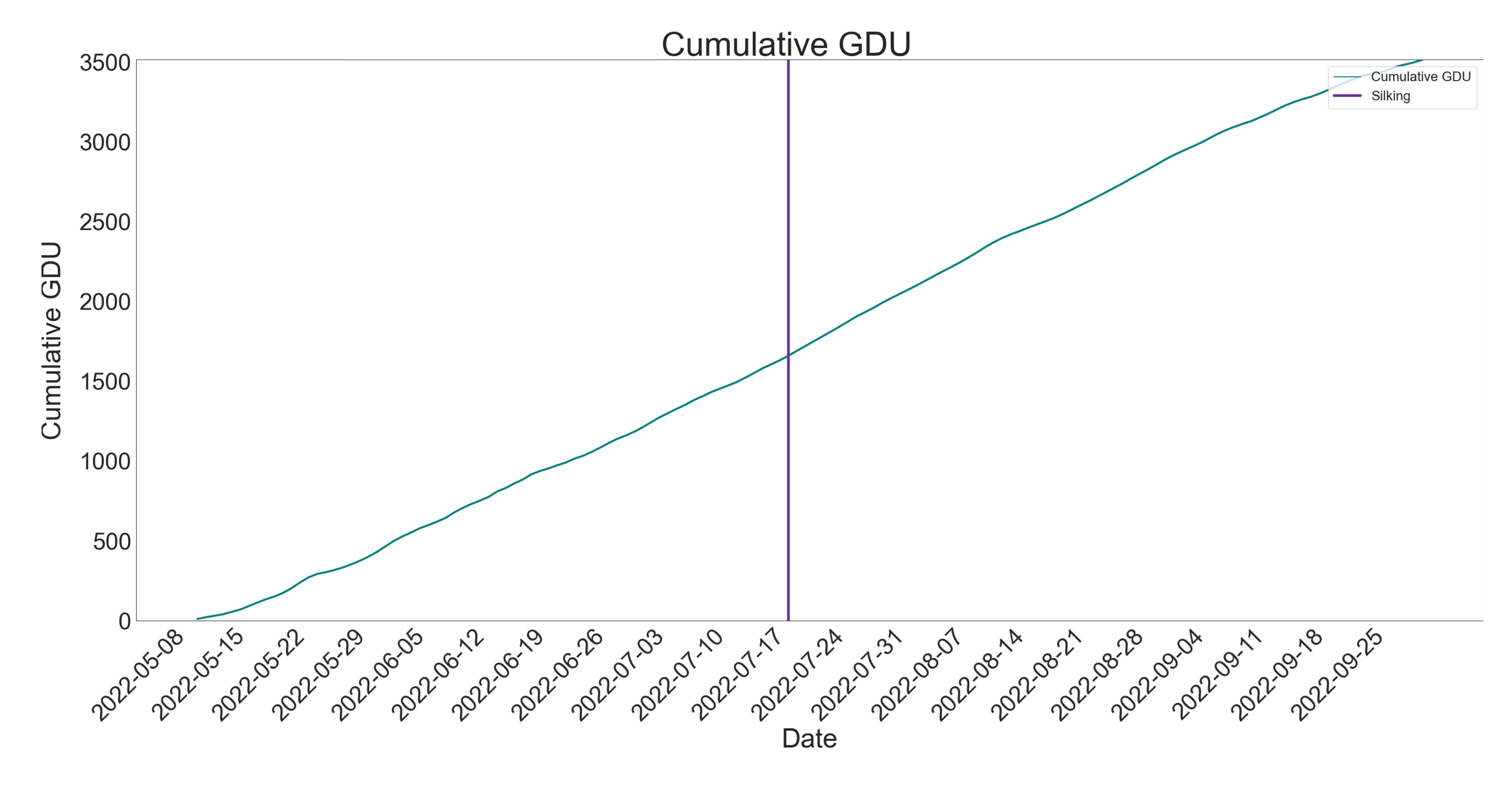
These estimations are based off of this year's data collected in one location. The longer data is collected in a location the more accurate these estimations will become.





This graph shows both sensor data overlayed on top of each other. We like to look at the spikes of the upper sensor and lower sensor at the same time to see if water that is applied is making it all the way down to the lower sensor. You can see a good example of this in the first half of the graph. What kind of soil are you growing in? Based off of this data I would assume some kind of sandy loam?

Crop: Corn



This graph represents the amount of GDU's accumulated from time of install until time of removal of the EarthScout unit. Growth stages and pest emergence can be estimated based off of GDU accumulation. Do you think silking occurred around the same time as the purple line?