**US-WCr: Willow Creek Leaf readme**

**Leaf Carbon and Nitrogen**

To explain the ID, WC stands for Willow Creek and the letter after WC denotes which subplot the sample was taken from. After that is the species of the tree the sample was taken from; SM is Sugar Maple and Ash is Green Ash. If the sample ID has Bottom in it, it was taken from the bottom of the crown of the tree, Mid is the middle of the crown, and Top is the top of the crown.

**LAI**

LAI was taken as a cumulative measurement of the entire hectare plot using the LAI-2200C device. “Below” and “Above” wands pointed in the same compass direction, 8 measurements were taken within each of the four subplots (radii=10m) in addition to three measurements in between subplots for a total of 35 paired readings. K-corrections were also taken to account for time of day (midday).