Biweekly Report 11/21/19

* Block 15
  + Received 2.8” of rain on 11/12 and .002” on 11/19
  + Measured soil respiration on 11/20
  + Dr. Soti’s grad student collected soil samples across block 15 to examine populations of nematode and rhizo bacteria in High, Medium and Low cover crop treatments
  + Need to discuss termination
* Block 19
  + Collected soil samples in Block 19 (Cereal Rye Varietal Trial)
  + Need to discuss data collection
* Next Week:
  + Counting seed emergence & seedling vigor in 1 m transects (10 times per block) on 11/25 in block 19
  + Measure soil respiration on 11/26 in block 15

Hemp Seminar – 11/19/19

* Research Permits – requirements still TBA
  + Register with DEA to conduct chem analysis
  + USDA Hemp Production Website <https://www.ams.usda.gov/rules-regulations/hemp>
    - Comply with LAP standards (Laboratory approval Program – General Policies and Procedures
* Over production not a concern for fiber but is for CBD
* Land prep to extractio can range from $13,000-19,000
* Research opportunties
  + Planting dates
  + Salt tolerance
  + Heat resistant cultivars (more heat more THC produced)
  + Potential limits in agroeconomics
  + Seed sources



