

Steve Hamilton, Professor, KBS & Integrative Biology

- What confers resilience of agricultural cropping systems and grasslands to the effects of drought?
- Hypothesis: Soil organic matter and microbial processes are key
- Experimental approach: Impose growing-season drought using rainout shelters while manipulating organic matter and microbial composition
- Rainout shelters to be deployed in T1, T2, and T7* beginning in 2020, including subplots with additions of organic carbon, microbial cultures, or both

*T1 corn-soy-wheat conventional, T2 same but no-till, T7 early successional grassland

