Research Site Leader: Kelly Nelson, University of Missouri

SITE CHARACTERISTICS
- Drainage system installed in 2001
- Soil: Putman silt loam
- Rotation: Corn-Soybean

WATER MANAGEMENT PRACTICES
- Non-Drained (with/without Overhead Irrigation)
- Conventional Drainage (depth 2’, spacing 20’, 30’, and 40’)
- Controlled Drainage with Subirrigation (depth 2’, spacing 20’, 30’, and 40’)

SITE MEASUREMENTS (2002-2015; n= # of years)
- Irrigation Flow (n = 5)
- Soil Texture (n = 1)
- Soil Bulk Density (n = 1)
- Soil Moisture and Temperature (n = 2)
- Soil Fertility: pH, Cation Exchange Capacity, Soil Organic Matter (n = 14)
- Soil Nitrate and Ammonium (n = 2)
- Crop Yield (n = 14)
- Final Plant Population (n = 14)
- Total N: Grain (n = 2)
- On-Site Weather Station: Precipitation, Air Temperature (n = 14)

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