Richburg Research

Equipment and Capabilities

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**EPA Region:** 8

**Crops:** Cotton, corn (grain and silage), sorghum (grain and silage), soybean, sunflower, sesame, wheat, rye, barley, oat, others as requested

**Trial Types:** Efficacy (herbicide, insecticide, miticide, etc.), regulated, stewarded, variety, crop tolerance (phytotoxicity), GLP (RAC, decline)

**Available pests (weeds):** Palmer amaranth, kochia, Russian thistle, field bindweed, horseweed, mustard spp., others

Barnyardgrass, Johnsongrass, broadleaf signalgrass, foxtail ssp., others

**Available pests (insects):** Thrips, flea hopper, bollworm, budworm, stink bug, corn borer spp., earworm, spider mites, sugarcane aphid, head worm, midge, soybean looper, others

**Available pests (disease):** Verticillium Wilt, bacterial blight, southern rust, NCLB

**Available Planting Equipment:** Cone planters, precision bulk planters, in-furrow application, bulk grain air drill

**Available Spray Equipment:** Handheld boom, tractor mounted sprayer, commercial size sprayer, pivot mounted sprayer, chemigation, fertigation, in-furrow application

**Available Harvest Equipment:** Cotton plot stripper, Combine plot harvester, plot gin, USDA HVI fiber quality testing and classification, hand harvesting,

**Available Irrigation Equipment:** Drip irrigation, center pivot irrigation, chemigation, fertigation

**Available Soils:** Highly productive clay-loam soil, excess-lime, high pH, low P, conventional till, continuous no-till

**Miscellaneous:** ARM Data Entry and reporting, custom demos/field days, large scale contract plots, custom plot harvesting

**We operate on more than 2,000 acres. We welcome companies seeking large scale trials or field days that need to be conducted on private land.**