

Irrigation and Extension:

Creating connections to innovate solutions to today's environmental issues



K-State's irrigation research is aimed at optimizing the use of water to meet the demand for food and forage and to sustain the rural and state economies.



What's Our Focus?

We study: limited irrigation, irrigation scheduling, center pivot application devices (including mobile drip irrigation and subsurface drip irrigation), various sensors, remote sensing, and economics of irrigation and policy.



Water Technology Farms

- Use newest irrigation technologies in a real-world setting
- Public-private partnerships help expand the conversation about water conservation in Kansas
- Technologies include MDI, various in-canopy spray nozzles and configuration, soil sensors, and scheduling constraints
- Every farm uses technology and techniques unique to each farmer's concerns and needs.