

# FY2011 Agriculture & Natural Resources Impact Phaucet Irrigation Program

Crittenden County

## ANR Program Overview Crittenden County

Educational Contacts	2,872
Methods Utilized	2,496
Volunteers	14
Value of Volunteer Hours (\$)	\$3,588.48

## ANR Highlights

Pesticide Applicators Trained	33
# of on farm Demonstrations	26
# Utilizing IPM Programs	231
# Producers using Phaucet Irr	32
Cotton Heat Unit Chart	21
# of producers Rice DD50 Pro.	19



*Phaucet Irrigation in Crittenden Co.*

*Pictured: Irrigating soybeans utilizing the Phaucet irrigation program*

## Relevance

Resource Conservation in an important part of agriculture in Crittenden county as throughout the state. Efficiency and cost management is a major concern for county producers.

## Response

The Phaucet Irrigation program was introduced in Crittenden County in 2006. The program takes well flow, poly pipe length, and area of the field and calculates the correct hole size per row. It allows producers to reduce the run time on field irrigation.

## Results

Pumping cost have been reduced by 18% or \$1.95 per acre. Fields were irrigated on average 6 times in 2011 and the program is being used on 19,902 acres, that is a fuel savings of \$232,853.40 or 66,452 gallons of diesel. The producers have conserved water, reduced labor, improved their water management and better utilize their time to be more efficient in their operations.