Improving Irrigation Application Timing And Efficiency In Mid-South Soybean Production Systems: A Discussion On Irrigation Scheduling Tools, PHAUCET And Surge Valves

Presented by Dr. L. Jason Krutz

Associate Extension/Research Professor, Mississippi State University

Means to improve irrigation application timining and efficiency exist, but the adoption rate among Mid-South Producers is negligible. The objective of this break-out-session is three-fold: 1) discuss the benefits of using soil moisture sensors for scheduling irrigation events; 2) define irrigation application efficiency; and 3) describe how PHAUCET and Surge Valves improve furrow irrigation application efficiency and bottom lines.

Page 34 • Seventeenth Annual National Conservation Systems Cotton & Rice Conference Proceedings Book