

**Please join us for the 101st Roundup
at the K-State Agricultural Research Center in Hays**



**April 16th, 2015 in the auditorium
at the Agricultural Research Center in Hays**

This year's program will highlight the results of 7 different research projects that were conducted at the KSU Agricultural Research Center – Hays. The research reports include topics ranging from controlling honey locust trees, to winter supplementation, early weaning and weaning strategies and confined / limit feeding of cows.

Morning Program

- 9:00 Registration and trade show
- 10:00 Welcome – *Bob Gillen, WKARC Department Head.*
- 10:15 Controlling honey locust trees on pasture – *Keith Harmony, WKARC Range Scientist.*
- 10:35 Performance of replacement heifers supplemented with dried distillers grains or a mixture of soybean meal and ground sorghum grain – *Carson McMullen, WKARC Graduate Student.*
- 10:55 Effects of weaning method on finishing performance and carcass characteristics of early-weaned calves – *Garrett Preedy, KSU ASI & WKARC Graduate Student.*
- 11:15 Using estrus-detection patches to optimally time artificial insemination (AI) and improve pregnancy rates in suckled beef cows – *Scott Hill, KSU ASI Graduate Student.*
- 11:35 Effects of altering supplementation frequency during the prepartum period of beef cows grazing dormant native range – *Carson McMullen, WKARC Graduate Student.*

Noon – Complementary Steak Lunch

Afternoon Program

- 1:00 Using confined and limit feeding to expand the cowherd – *John Jaeger, WKARC Beef Cattle Scientist.*
- 1:30 Effect of early or conventional weaning and pasture or confined feeding on performance of calves and cows – *Garrett Preedy, KSU ASI & WKARC Graduate Student.*
- 2:00 Using wet distillers grains as a late season protein supplement for grazing steers – *Keith Harmony, WKARC Range Scientist.*