

## Program

3:30 p.m. **Registration**

4:00 p.m. **Welcome & Introductions**

4:30 p.m. **Educational Sessions**

6:45 p.m. **Dinner**

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## Background

The historic Warner Angus Ranch started in 1884 when Willis B. Warner moved to the Sawlog Creek valley near the Ford-Hodgeman county line. Warner's son John started a purebred Angus herd in 1893 and a registered Morgan horse breeding program in 1949. Today the ranch is operated by Willis Warner's great-granddaughter Marcella Warner Holman and her husband John Holman. The Angus herd is the base of their commercial cow-calf operation and registered Morgan horses continue to be bred and used on the ranch today.

*Field Day attendees will have an opportunity to learn about Morgan horses and see a sample of the ranch's horses that represent a legendary breeding program of over 60 years!*



## Location

Black Diamond Angus Ranch  
aka Warner Angus Ranch

**10072 120 Rd  
Spearville, KS**

### Directions to Field Day...

*From Jetmore:*

Go south on Highway 283 approximately 12 miles to SE A Road. At this intersection, go east on SE A Road for 2 miles, then ¾ mile south on 120 Road to ranch headquarters.

*From Hwy 283 and Hwy 50  
intersection near Wright:*

Go north on Highway 283 for 9.2 miles to SE A Road. At this intersection, go east on SE A Road for 2 miles, then ¾ mile south on 120 Road to ranch headquarters.

***Watch for directional signs!***

### Not a KLA Member?

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and receive a special gift!

### Questions about the Field Day?

Contact KLA at 785-273-5115 or [wendy@kla.org](mailto:wendy@kla.org).

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KLA & KSU  
Ranch Management

# Field Day

**Black Diamond  
Angus Ranch**  
aka Warner Angus Ranch

Spearville, KS

Thursday, August 17, 2017  
3:30 p.m.





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## Topics

### Will Annual Forage Crops Work with Dryland Farming in the High Plains?

*John Holman, PhD*, KSU Cropping Systems Agronomist, Garden City, Kansas

Dr. Holman has done over ten years of research on the viability and advisability of planting annual cover crops or annual forages in conjunction with conventional dryland cropping systems in western Kansas. This research includes the use of both multi and single species of cover crops. Black Diamond Angus Ranch has utilized triticale for supplemental grazing for their cow-calf operation and to provide a quality feed source during the late spring breeding season. Holman will discuss the economics and options for incorporating annual forages in a diversified livestock and crop production operation.

### Opportunities for Enhancing Stock Water and Grassland Health

*Brad Shank*, Supervisory District Conservationist, Natural Resources Conservation Service, Jetmore, Kansas

The USDA Natural Resources Conservation Service (NRCS) has assisted Black Diamond Angus Ranch in developing new stock water source in strategic locations. Shank will describe the new developments and highlight the services and assistance NRCS provides ranchers for stock water systems and enhancements to grassland health.

## Topics (cont.)

### Do High Protein Forages Negatively Impact Fertility?

*Sandy Johnson, PhD*, KSU Extension Reproductive Physiologist, Colby, Kansas

Dr. Johnson is collecting conception data and breeding success rates on Black Diamond Angus Ranch heifers grazing triticale during the breeding season. Johnson and Marcella Warner Holman will highlight this project and share results from the first year of the project.

### The Latest on Fly and Tick Control for Beef Cattle Operations

*Justin Talley, PhD*, Entomologist and Professor, Oklahoma State University, Stillwater, Oklahoma

Controlling flies and ticks is challenging as these pests can spread diseases, annoy livestock and hinder performance. Dr. Talley will explain the differences between face flies, horn flies, stable flies and deer flies and provide timely research results on management practices that offer optimum control for commonly found insect pests.



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