

2020 KGLC Range School

Ranching with a clear vision

Mixed/Short-Grass Session – Ringneck Ranch near Tipton, KS

655 Solomon Lane, Tipton, KS 67485

Tuesday, August 4th

9:30 Registration – at Main Hall

10:00 Welcome – KGLC Staff

10:15 Introductions – Led by David Kraft, NRCS

10:45 **Plant Physiology** – Brief Intro – Walt Fick, KSU

In the field or in the classroom – as a group to identify plant parts & basic ID terminology

11:00 **Plant Identification** - Instructors

12:00 Lunch

1:00 **Plant Physiology** - Details – Walt Fick, KSU

1:45 **Considerations in Ranch/Range Planning...** – Doug Spencer, NRCS

2:45 Break

3:00 **Ecological Sites / Rangeland Health / Inventory** – Chris Tecklenburg, NRCS
and David Kraft, NRCS

In the field – ecological site key for field identification of various sites, brief intro to RHA (ecological processes), quick demo of forage measurement procedures (clipping, grazing stick, transect, etc.), apps that provide info (soilweb, EDIT, etc) and **continued plant ID for last 30 minutes or so**

5:45 Supper

6:30 **Plant Identification (ID)** – Instructors

7:30 **Ranching with a Clear Vision**- Landowner panel of Matt Bain, Stacy Hoeme and Andrew Sigle

Wednesday, August 5th

7:00 **Plant Identification** – Instructor crew

8:00 **Breakfast**

8:30 **Travel to Site / Ranch**

9:00 **Welcome to Ringneck Ranch** – Keith Houghton/Ranch Manager

9:30 **Day 1 of Short-Term Forage/Animal Balance Exercise** – Instructors

In the field – Setting a grazing goal, Measure Forage Production (grazing sticks) & Plant ID, Determine Short-term Stocking Rate (handout), Discuss what should be monitored, Turn Livestock out to Graze & Observe briefly if possible.

12:00 **Lunch**

1:00 **Putting the Numbers Together - Forage/Animal Balance (Annual):** Production and Precipitation-Keith Harmony; Stocking Rates– Dusty Tacha

In the classroom – Taking the ideas from short-term decisions to accounting for yearly variables / contingency plans, effects on plant communities when adjustments aren't made, etc.

2:00 **Adapting My Management** – Management practices for sustaining rangeland – Walt Fick

3:30 **PBA presentation / Equipment Viewing** - Roger Tacha or Andy Phelps

4:15 **Break or Plant Identification (ID)** – Review if desired by participants (need an instructor or two available for this)

5:00 **Steak Supper**

6:00 **Plant Identification (ID)** – Review if desired by participants (need an instructor or two available for this)

7:00 **Ranch Operations Planning Process** – John Maddux, Maddux Cattle Company, Wauneta, NE 69045

Thursday, August 6th

7:00 **Plant Identification** (final chance to show and tell)

8:00 **Breakfast**

8:30 **Plant Identification Challenge** (have it near the field exercise location)

9:00 **Day 2 of Short-Term Forage/Animal Balance Exercise** – Instructors

In the field -Livestock removed before arriving - Observations of livestock grazing, determine utilization at the site (monitoring), re-emphasize variables that affected the outcome. Use this time as a wrap-up to bring all presentations together for take-home.

11:15 **Dillon Fogarty, University of NE, Large-scale rangeland planning to halt woody encroachment in the Great Plains**

12:00 **Lunch**

1:00 **Head home!**