

B.K. "Kley" Johnson Lectureship on

Brush Management

September 22-23, 2023 || Kingsville, TX || Online

INSTRUCTORS:

Jeff Goodwin, Director, Texas A&M Center for Grazinglands and Ranch Management

Benny Martinez, South Texas Range and Pasture Specialist, Corteva Agriscience

Jamie Halfmann, LandVisor Sales Specialist, Corteva Agriscience

Veronica Urbanczyk, Range and Pasture Specialist, Corteva Agriscience

Tiffany Dowell-Lashmet, Agricultural Law Specialist, Texas A&M AgriLife Extension

Verl Cash, Area Manager-Natural Resources, King Ranch, Inc.

FRIDAY, SEPTEMBER 22, 2023

- 8:00 AM** Welcome
- 8:30 AM** Today's Brush Management Challenges: A Mess 200 Years in the Making
- Understanding the progression from grassland to scrub brush
- 8:45 AM** Developing Goals for Brush Management
- Appreciating ecosystem complexity
 - Balance is essential
 - Ownership/management goals drive decisions
- 9:15 AM** Best Management Practices for Unwanted Brush
- Identifying unwanted species
 - Management practices for common challenges
- 10:00 AM** Break
- 10:15 AM** Developing a Brush Management Plan
- Why, when, and how of an effective management plan
- 11:15 AM** Managing Frequency and Severity of Defoliation
- The essential role of sound grazing management
- 12:00 PM** **Lunch:** Introduction to Decision Platforms: LandVisor
- 1:00 PM** Prioritizing Brush Management Investments

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- 2:15 PM** **Unintended Consequences of Herbicide Use**
- Possibility of herbicide drift
 - Understanding herbicide chemistry
 - Choosing the timing and application techniques
- 2:45 PM** **Break**
- 3:00 PM** **Legal Considerations**
- Understanding responsibility and consequence
- 4:00 PM** **Large-Scale Brush Management Experiences**
- Virtual tour of invasive plant management projects on King Ranch
- 5:15 PM** **Adjourn**

SATURDAY, SEPTEMBER 23, 2023

- 8:00 AM** **Recap Day 1**
- 8:15 AM** **Brush Management – The King Ranch Perspective**
- Navigating ownership expectations, animal enterprises, and invasive plant challenges
- 8:45 AM** **Travel to King Ranch – Transportation Provided by KRIRM**
- 9:00 AM** **Brush Management – Tools of the Trade**
- Mechanical – root plow, chain, grubber
 - Sprayers – King Ranch custom built, UTV, drone
 - IPT – spray techniques (basal, stem, foliar, cut stump)
 - Fire – pump truck and equipment
- 11:15 AM** **Lunch at King Ranch Calera Camp**
- 12:00 PM** **Travel to King Ranch Farm**
- 12:45 PM** **Continue Tour**
- 3:00 PM** **Return to Caesar Kleberg Wildlife Center and Adjourn**