

WORKSHOP SESSIONS

THE ANATOMY OF ARTIFICIAL INSEMINATION

Session 1

T.L. Meyer - Extension Educator, University of Nebraska-Lincoln

Becky Funk, DVM – Animal Health Teaching and Extension Specialist, University of Nebraska- Lincoln

A hands-on look at creating a successful artificial insemination (AI) program. Journey through female beef reproductive tracts, discovering the anatomy's role in successful AI programs. Then explore the components of semen quality, proper AI techniques, and why it's important to think about the male contribution to assure successful AI breeding. Come prepared for hands-on learning!

Note: not for weak stomachs. Gloves and disposable aprons will be provided at this session.

BEFF QUALITY ASSURANCE TRAINING

Session 1

Jesse Fulton- Extension Educator, University of Nebraska- Lincoln

Founded over 30 years ago, the Beef Quality Assurance program was first developed to eliminate the risk of animal health product violative residues and injection site lesions. Later, the program included other areas of focus that impact beef quality and safety. Today, the mission of the program is to guide producers towards continuous improvement using science-based production practices that assure cattle well-being, beef quality, and beef safety, while protecting consumer confidence.

SORTING THROUGH THE BULL(S)- GENETIC SELECTION TOOLS IN YOUR OPERATION

Session 2 & 5

Hannah Smith –Extension Educator, University of Nebraska-Lincoln

To increase producer confidence when selecting genetics for their operation, this activity and presentation provides real world scenarios and genetic baselines for selecting genetic partners and making decisions in synchrony with breeding objectives. There is a place in our industry for every bull (or replacement female) at the correct value. By asking the right questions and utilizing the marketing materials available to us, we can assign a better value to each scenario. Along with establishing value, there are golden nuggets throughout this presentation that can help producers better hone their use of selection tools (EPDs, Indexes, \$Values) as they pertain to an operations breeding objectives.

SAFELY HANDLING HORMONES

Session 2 & 4

Lindsay Waechter-Mead, DVM – Livestock Systems Extension Educator

This workshop is focused on the safe handling of cattle hormones. Designed specifically for women producers, this training delves into crucial aspects of hormone management, from storage to administration, ensuring the well-being of both animals and handlers. Key concepts covered include:

- Understanding the types and functions of hormones used in cattle management. Common synchronization protocols will be discussed.
- Identify hazards associated with hormone therapy and learn how to minimize risk and protect both human and animal health.
- How to store product to maintain efficacy and safety.
- Chute-side demonstrations on safe handling and administration of product.

WHO STAYS AND WHO GOES?

Session 3 & 4

Dr. Kacie McCarthy, UNL Beef Cow-Calf Specialist, University of Nebraska-Lincoln

Culling is a multi-dimensional decision when producers are considering what to do with our cows and heifers. Utilizing early pregnancy diagnosis allows managers to make decision on keeping, selling or even re-breeding females. We will dive into why pregnancy checking cattle is important, how to utilize the information to make culling decisions, and identifying candidates for culling. Typically, producers will follow the following thought process for culling decisions: identify cows with low production records, bad disposition, physical impairments, older mature cows, and identifying non-pregnant females after accurate pregnancy detection. We will elaborate on these concepts and learn how to be strategic when it comes to culling decisions.

NUTRITION- A FUNDAMENTAL KEY TO REPRODUCTION

Session 3 & 5

Karla Wilkie- Associate Professor, University of Nebraska- Lincoln

We can follow all the A.I. protocols to the letter, we can have a fantastic health and vaccination program, we can purchase reputation bulls and keep back only the best replacement heifer, but without a solid nutritional foundation, we are still going to be disappointed at pregnancy diagnosis time.

WORKSHOP SCHEDULE

	Option A	Option B
Session 1 8:30 a.m. - 10:30 a.m.	THE ANATOMY OF ARTIFICIAL INSEMINATION	BEEF QUALITY ASSURANCE TRAINING
Session 2 10:45 a.m. - 11:45 a.m.	SAFELY HANDLING HORMONES	SORTING THROUGH THE BULL(S)
Session 3 1:00p.m. - 2:00 p.m.	WHO STAYS AND WHO GOES?	NUTRITION- A FUNDAMENTAL KEY TO REPRODUCTION
Session 4 2:05 p.m. - 3:05 p.m.	WHO STAYS AND WHO GOES?	SAFELY HANDLING HORMONES
Session 5 3:10 p.m. - 4:10 p.m.	SORTING THROUGH THE BULL(S)	NUTRITION- A FUNDAMENTAL KEY TO REPRODUCTION