The Little Things Matter

In our program at the University of Missouri, we are focused on helping beef cattle producers have the best reproductive performance possible. Given the potential profit associated with reproductive technologies such as artificial insemination and embryo transfer, our research efforts are focused on understanding how to most effectively control the estrous cycle and optimize fertility. But as important as it is to develop new, more highly effective protocols, it is also important to make sure we have good attention to detail and compliance with the protocols we have now. When it comes to reproduction, the little things add up. Every step in the process is essential to achieve the best results. So we want to stay connected with you not only about new and exciting research, but also about all of the little details that could make or break the success your programs today. Recently, our program has become more active on Facebook, Instagram, and YouTube in order to stay directly connected with producers. We regularly post short videos and other content about technologies and management strategies that can improve the reproductive performance of your operation. Follow us by searching Mizzou Repro and reach out to us with any questions or concerns!

Rachael Bonacker  
DVM/MS Candidate  
Division of Animal Sciences  
rcb6z8@mail.missouri.edu

Jordan Thomas, Ph.D  
Assistant Extension Professor  
Division of Animal Sciences  
ThomasJor@missouri.edu

David Patterson, Ph.D  
State Beef Extension Specialist  
Division of Animal Sciences  
pattersond@missouri.edu

My name is Rachael Bonacker and I am a dual DVM/MS student at the University of Missouri - Columbia. Last fall, I had the opportunity to work with several clients of Cross Country Genetics on a research trial as part of my graduate degree program. My research is focused on developing an improved estrus synchronization protocol for postpartum beef cattle prior to timed artificial insemination or embryo transfer. We have finished collecting pregnancy results from the cows on the trial and are carefully analyzing the results. I would like to thank Dr. Gray, Dr. Breiner, Dr. Anderson and everyone at CCG for their help these past few months. And a special thank you to those producers that enrolled their cows on my trial. Stay tuned this fall for more information about our results!
Mizzou Repro
Beef cattle reproduction updates from Jordan Thomas, Beef Reproduction Extension Specialist in the Division of Animal Sciences at the University of Missouri.

CIDR Handling - Mizzou Repro
Take two minutes to make sure you're handling CIDRs correctly. Every step in the estrus synchronization process is critical.

Administering GnRH - Mizzou Repro
Every step in the estrus synchronization process is critical if you want the best results! Take a couple minutes to make sure you are administering GnRH correctly.

Administering Prostaglandin F2a - Mizzou Repro
Prostaglandin F2a (PG) is a critical part of most estrus synchronization protocols. Jaclyn Ketchum from the University of Missouri's Division of Animal Sciences goes over considerations relating to administering prostaglandin products.

Breeding Barns - Mizzou Repro
For many beef producers, the biggest challenge to carrying out an AI program is facilities. Anita Ellis, University of Missouri Extension Field Specialist - Livestock, shares how a portable breeding barn can help.

Reproductive Tract Scoring - Mizzou Repro
Scott Poock, DVM of the University of Missouri College of Veterinary Medicine discusses the reproductive tract score system, a valuable tool to assess your heifer development program.

Follow Mizzou Repro on Facebook, for how-to videos, research results, and other updates on reproductive and genetic technologies for beef cattle.