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APPLIED REPRODUCTIVE STRATEGIES



IN BEEF CATTLE

August 20-21, 2019 • Knoxville, Tenn.



Applied Repro Strategies in Beef Cattle Conference

Many of you may be interested in attending this nationally recognized conference on Beef Cattle Reproduction. “This meeting has a long history of providing the latest information on the application of reproductive technologies and includes a range of topics related to cow herd reproduction — such as nutritional interactions, management and male fertility. This year’s conference will feature a variety of topics surrounding beef reproductive health, including synchronization, heifer management and development, genomic selection and more.” Oh and did I mention it can count as a session of your Advanced Master Beef Producer certification? For more information, click the link below to the conference website.

<http://www.appliedreprostrategies.com/>

Extension Publications

[W 828 - Effects of Enhanced Efficiency Urea on No-till Corn.](#)

[W 833 - Rose Diseases: Identification & Management](#)

[SP 806 - Early Detection of Rose Rosette Disease](#)



Soil Testing Publication

It’s not too early to think about soil testing. Though most frequently used by farmers and producers to determine how much lime and/or fertilizer to apply to their fields, it can also be a valuable tool for the home gardener or lawn enthusiast. It’s a fairly simple process and requires at minimum, a five gallon bucket, shovel, zip-lock bag, and some postage. Below is a link to a great publication all about it... and of course, you can always give me a call, shoot me an email, or feel free to just stop in and chat.

<https://extension.tennessee.edu/publications/Documents/PB1061.pdf>



Testing for Nitrates

“Many of the summer forages grown will store nitrogen in the form of nitrate. If cut for hay, this nitrate does not break down, so it remains. If cattle eat hay with high levels of nitrate, a process occurs in the rumen which ultimately will interfere with the blood’s ability to transport oxygen. Cattle will basically suffocate [and die]. It’s a good idea to test summer grasses like sorghum x sudangrass (sudex) or bermudagrass that are cut to determine the nitrate level.” I can come out and do a quick test to determine whether the nitrate level is high, but in order to know exactly, we’ll need to collect and send a sample to the UT Soil, Plant & Pest Center. The sample costs \$10 (plus shipping)... while you are at it, you may just as well spend the extra \$17 and get a nutrient analysis. Give me a call if you’ve any questions or would like me to come show you how to collect a sample and send it to the lab.

Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development.
 University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating.
 UT Extension provides equal opportunities in programs and employment.