



# AGRICULTURAL NEWSLETTER

## New Rancher's Thursday Webinar Series Covers Wintering Cows with Limited Forage

David Lalman, Paul Beck, and Rosslyn Biggs, Oklahoma State University Extension Specialists

In our next Rancher's Thursday Lunchtime Series begins on November 17 at noon and will continue through December 15. A lot of people will be relying on crop residues to get cows through the winter. So, we will continue to explore alternative nutritional management systems or methods to winter beef cows with limited forage.

- On November 17, Dr. Mary Drewnoski will discuss the use of baled crop residues (corn stalks, milo stalks, soybean hay) to winter beef cows.
- On December 1 and again on December 17, Area Livestock Specialists and Extension Educators will team up with ranchers in their communities to share winter-feeding and residue grazing strategies and how these different methods are working for them thus far.
- On December 8, Dave Lalman will discuss a different management system; limit feeding a concentrate-based diet (with limited forage) to winter beef cows in a grass trap or a pen.
- Finally on December 15, Area Specialists and producers will share limit feeding techniques for concentrate and high quality forages that are working in their areas.

These are an out-of-the-box approaches that may work for some producers to reduce reliance on hay. It has been used at OSU and several large operations with great success.

We hope you will join us Thursdays at noon beginning November 17!

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### In this issue

<b>Ranchers Webinar Series</b>	<b>1</b>
<b>Registration Info For Webinar</b>	<b>2</b>
<b>CEU's Training</b>	<b>3</b>
<b>Feeder Calibration Clinic</b>	<b>4</b>
<b>Mineral Supplementation</b>	<b>5</b>

***See page 2 for information about registration***

OKLAHOMA STATE UNIVERSITY | DIVISION OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES



**EXTENSION**

## RANCHER'S THURSDAY LUNCHTIME SERIES

### Wintering Cows with Limited Forage

- ▶ **November 17, 2022 | 12 p.m.**  
Feeding Corn Stalks, Milo Stalks, and Soybean Hay  
- Mary Drewnoski, University of Nebraska
- ▶ **December 1, 2022 | 12 p.m.**  
Limit feeding forage and concentrate without a mixer in Atoka County  
- Harold Stephens and Brian Freking  
Grazing failed cotton and feeding baled cotton in Comanche County  
- Marty New, Trevor Vaughn, Josh and Wes Sullivan
- ▶ **December 8, 2022 | 12 p.m.**  
Using Concentrate Feeds to Stretch the Hay Supply  
- David Lalman
- ▶ **December 15, 2022 | 12 p.m.**  
Limit feeding techniques that are working in LeFlore County  
- Brian Freking and Will Lathrop  
Limiting access to high-quality forage in Alfalfa County  
- Dana Zook, Tommy Puffinbarger and Joe Hadwiger

### ABOUT

Join our Beef Cattle Extension team, experienced ranchers and scientists to learn and share beef cattle production, management and marketing tips. These free Zoom webinar sessions are scheduled for Thursdays at noon.

### LIVE WEBINARS

- ▶ **Register Online:**  
[dasnr.zoom.us/webinar/register/WN\\_xPsdKm-WASsqIxmTU9cRXBA](https://dasnr.zoom.us/join/joinMeeting/register/WN_xPsdKm-WASsqIxmTU9cRXBA)



### CONTACT

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Persons with disabilities who require alternative means for communication or program information or reasonable accommodation need to contact David Lalman at [david.lalman@okstate.edu](mailto:david.lalman@okstate.edu) or 405-744-6060 at least two weeks prior to the event. Oklahoma State University, as an equal opportunity employer, complies with all applicable federal and state laws regarding non-discrimination and affirmative action. Oklahoma State University is committed to a policy of equal opportunity for all individuals and does not discriminate based on race, religion, age, sex, color, national origin, marital status, sexual orientation, gender identity/expression, disability, or veteran status with regard to employment, educational programs and activities, and/or admissions. For more information, visit <https://eeo.okstate.edu>.

Jean Bailey will host the trainings for CEU's for private applicators on Tuesday, December 13, 2022 at the Extension Office conference room in Taloga. The trainings will be presented via Zoom, and you have the option of attending morning and afternoon sessions or just one. Please call the Extension Office at 580-328-5351 to RSVP or with questions.



## Pest Management in Wheat Tuesday – December 13<sup>th</sup>, 2022

- 9:00-9:30**      **Private Applicator Testing vs CEU's**  
Kevin Shelton – Associate Extension Specialist, Oklahoma State University
- 9:30-10:00**    **How the Plant Disease & Insect Diagnostic Laboratory Can Assist You**  
Jen Olson – Extension Specialist, Oklahoma State University
- 10:00-10:30**    **Identifying Problem Broadleaf Weeds in Wheat**  
Josh Bushong – Area Extension Specialist, Oklahoma State University
- 10:30-11:00**    **Managing Troublesome Broadleaf Weeds in Wheat**  
Gary Strickland - Cropping System Specialist, Oklahoma State University
- 11:00-11:30**    **Wheat Insects – What to Look For & How to Manage**  
Tom Royer – Entomologist, Oklahoma State University
- 11:30-12:00**    **Wheat Disease Management in Oklahoma**  
Meriem Aoun – Plant Pathologist, Oklahoma State University

3 ODAFF CEU's in Category 1A

Contact your local Oklahoma Cooperative Extension Service for more information



## Pesticide Labels and Certified Applicator Testing Tuesday – December 13<sup>th</sup>, 2022

- 1:00-2:00**      **Herbicide Label Updates – Where We Are, Where We Are Going**  
Todd Baughman – Weed Scientist  
Oklahoma State University
- 2:00-3:00**      **Reading and Interpreting a Pesticide Label**  
Brian Pugh– Area Extension Specialist  
Oklahoma State University
- 3:00-4:00**      **Preparing to Take the Certified Applicator Test**  
Kevin Shelton – Associate Extension Specialist  
Oklahoma State University

3 ODAFF CEU's in Category 1A

Contact your local Oklahoma Cooperative Extension Service for more information



This Winter, high prices for conventional supplements have producers scrambling to determine ways to reduce costs. One of the best ways to reduce costs is to improve feeding accuracy when providing winter supplements. How accurate is your cake or cube feeder? All feeders will supply slightly different amounts of supplement and variability can occur between different feed types (blended, cubes, pellets).

To help producers improve feeding accuracy, OSU Extension is hosting a Feeder Calibration Clinics. We ask that producers bring their feeders and/or cake boxes, and we will help you quickly determine your feeding accuracy. All systems need to be in good working order to be evaluated. OSU Extension educators will be on hand to answer any questions about supplementing your cow herd.

# Dewey County Feeder Calibration Clinic



Let OSU Extension test your feeder or cake box for accuracy to improve feeding efficiency this winter.

**Sponsored by Hedges Ag Service**

**Monday, December 5th 9:30AM-12PM  
at Hedges Ag Service in Seiling**

**For questions contact: Dewey County OSU  
Extension (580)328-5351**

*Free  
Donuts!*



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## **Mineral Supplementation May Be of Extra Benefit This Year** Parker Henley, Oklahoma State University Extension Specialist and Mark Z. Johnson, Oklahoma State University Extension Beef Cattle Breeding Specialist

There are several reasons, in a non-drought year, that most people consider Oklahoma the greatest state for raising beef cattle. One of those reasons is that as a rule of thumb, Oklahoma forages do not have severe mineral deficiencies or high levels of mineral antagonists compared to forages in many other states. In 2022, the drought has led many of us to neighboring states for harvested forage, some of which are unconventional forage types. If you are in this situation, you may need to pay extra attention for your mineral program. We would suggest you get a feed analysis of your winter hay supply that includes mineral concentration. But, even with a test there are several mineral antagonists and unknown interactions that may occur. Mineral supplementation to the cow herd is always a good idea, this year, it is of even greater potential benefit.

Proper mineral and vitamin nutrition contributes to strong immune systems, reproductive performance and calf weight gain. Diets with mineral imbalances may cause poor animal performance, resulting in reduced profitability. Mineral requirements are dependent on forage mineral content, animal age and stage of production. However, simply knowing the animal's requirement is only one component in evaluating an animal's mineral status. Mineral needs also tend to be area specific and change with soil type, fertilization rates, rainfall and other factors.

A mineral supplement that meets the cow's macro mineral needs for things like calcium, phosphorus, and magnesium, can be fairly straight forward with a basic mineral program, but to get them bred back in a timely manner and to retain that pregnancy, delivering a highly available trace mineral supplement to the cow on a consistent basis is critical. Therefore, it is recommended producers ensure beef cows receive supplemental sources of these elements at least 60 days prior to calving through breeding and 30 days to 60 days prior to weaning.

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