

# Agriculture

## CENTRAL KANSAS EXTENSION DISTRICT NEWS

[centralkansas.ksu.edu](http://centralkansas.ksu.edu)

**August 2023**

### Upcoming Events

#### August

- 9-12 Tri Rivers Fair - Saline Co Expo
- 10 KLA Ranch Management Field Day - Chase Co.
- 17 KLA Ranch Management Field Day - Chase Co.
- 23 Farm & Ranch Transition Conference - Delphos, KS



### Podcast Pick of the Month

Author: Beef Cattle Institute at KSU

Topic: Product Disposal, What To Do With a Deceased Animal , and Intensive Grazing and Impact on Sustainability.

Check out this months Podcast Pick of the Month. Listen to experts discuss product disposal, what to do with a deceased animal , and intensive grazing and impact on sustainability.

### Marketing Those Calves This Fall

*Justin Waggoner, Ph.D., Beef Systems Specialist*

Maximizing calf revenue is important for cattle producers, it's how they get paid! Just like any business understanding what drives how you get paid is important. Calf revenue from my academic perspective is driven by three factors; 1) the number of calves sold, 2) sale weight of calves and 3) price received.

Cow/calf producers to some extent have control over the number of calves sold and sale weight. The number of calves sold is essentially a function of stocking rate, cow fertility and/or reproduction on an operation. The sale weight of calves is more complex but is a multi-factorial combination of genetics, calving distribution, calf age, nutrition, management and technology use (implants). Price received is likely the most influential of the three factors that drive calf revenue and is the factor that cow/calf producers often believe they have the least ability to control. Once a set of calves enters the sale ring, or appears on the video screen their value is determined by what two prospective buyers are willing to pay. Although it is impossible for producers to directly influence what buyers are willing to pay, I would argue that they are not completely helpless. Cow/calf producers directly control what they sell (weaned calves, value-added calves or feeders), and determine when they will sell. These are difficult, complex decisions, that shouldn't necessarily be made based upon weekly cattle sale reports or the thoughts of your favorite livestock market commentator. I am not saying that keeping informed about current market conditions isn't important. However, that information when used with resources like Beef Basis ([www.beefbasis.com](http://www.beefbasis.com)) that use data to evaluate different market scenarios, from selling five weight calves the first week of October, to seven weights December helps producers make the best decision for their operations.

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Research and Extension

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[ksre.k-state.edu](http://ksre.k-state.edu)



## **Management Considerations for September 2023**

*By Jason M. Warner, Ph.D., Extension Cow-Calf Specialist*

### **COWHERD MANAGEMENT**

For spring-calving cow herds:

- If not already done, make plans for weaning calves.
  - Test your forages and have feedstuffs on hand prior to weaning.
  - Check and clean waterers and prepare weaning/receiving pens.
- Evaluate cow BCS at weaning.
  - Record scores with the BCS Record Book from KSRE!
  - Use BCS to strategically supplement cows during fall, if needed.
  - Female requirements are lowest at weaning so weight and BCS can be added more easily in early fall rather than waiting until closer to calving.
- Schedule pregnancy checking and fall health work if not already done.
  - How were pregnancy rates relative to last year?
  - Do we need to re-think our fall/winter nutrition program?
- Evaluate the cost of gain relative to the value of gain when making feeding and marketing decisions for cull cows.

For fall-calving cow herds:

- The final 60 days prior to calving represents the last opportunity to add BCS economically.
- Ensure mature cows are  $\geq 5.0$  and 2–4-year-old females are  $\geq 6.0$  at calving.
- Review your calving health protocols as needed.
- Have calving equipment cleaned and available to use as needed.
- Plan to adjust your nutrition program to match needs of lactating cows.
- Use the estrus synchronization planner (<https://www.iowabeefcenter.org/estrussynch.html>) to help plan fall synchronization protocols.

Plan your mineral supplementation for this coming fall and winter.

- Record date and amount offered and calculate herd consumption.
- If consumption is 2X the target intake, then cost will be too!
- If using fly control products, continue to use them until recommended times (based on date

of first frost) for your area.

- Risk of grass tetany is greatest for lactating cows. Consider magnesium levels in mineral supplements for cows grazing cool-season forages and winter annuals this fall.

Schedule breeding soundness exams for bulls used for fall service.

- Monitor BCS, particularly on young bulls.
- If bulls are BCS  $\leq$  5.0 after summer breeding, consider supplementing to regain BCS going into fall.

## **CALF MANAGEMENT**

- If you are creep feeding spring-born calves, continue to closely monitor intake and calf condition/fleshiness going into the fall until weaning.
- Schedule any pre-weaning vaccination or processing activities if not already done.
- Consider the economic value by implanting nursing fall-born calves and weaned spring-born calves.
- If not already done, schedule your breeding protocols for fall replacement heifers in advance of the breeding season.
  - If synchronizing with MGA, make sure intake is consistent at 0.5 mg of melengestrol acetate per hd per day for 14 days, and remove for 19 days prior to administering prostaglandin.

## **GENERAL MANAGEMENT**

- Employ multiple strategies, chemistries for late-season fly/insect control.
- Take inventory of and begin sampling harvested forages for fall feed needs.
  - Use the forage inventory calculator (<https://www.agmanager.info/hay-inventory-calculator>).
  - Balance forage inventories with fall/winter grazing acres.

If planning to harvest corn or sorghum silage:

- Prepare your pile/bunker site and equipment.
- If using a custom harvester, communicate with them well in advance.
- Closely monitor whole plant moisture levels.
- Have silage tarps in place and ready to cover once harvest is complete.

Use the Management Minder tool on KSUBeef.org to plan key management activities for your cow herd for the rest of the year.

With high feeder calf prices, consider price risk management tools.

Visit with your local FSA and extension office if you plan to utilize CRP acres for emergency forage use or for information on other assistance programs.

## 2023 Central Kansas District Wheat Plot Results

		Ryan Farm		Isaacson Farm		Myers Farm	
		Solomon Ks		Mentor Ks		Minneapolis Ks	
		Gypsum Valley Rd S River		East old 81		Justice Road	
Brand	Variety	Bu/Acre	% of Avg	Bu/Acre	% of Avg	Bu/Acre	% of Avg
AGSECO	Golden	51.8	101.0%	80.4	132.9%	56.5	99.7%
KWA	Western Star	52.5	102.3%	68.2	112.8%		
KWA	Hatchett	54.3	105.8%			58.3	102.8%
KWA	Providence	51.9	101.1%	60.0	99.1%	55.1	97.3%
KWA	Zenda	48.0	93.6%	65.9	108.9%	53.8	94.8%
KWA	Ahearn					56.3	99.3%
KWA	Larry			67.0	110.7%		
Limagrain	Atomic AX	49.1	95.6%	63.4	104.9%	65.5	115.6%
Limagrain	Juliep	60.2	117.4%	22.1	36.5%	61.8	109.0%
OGL	Showdown	50.3	98.0%	62.8	103.8%	59.3	104.7%
OGL	Strad CL+			64.2	106.2%	53.4	94.1%
OGL	Double Stop CL+	57.0	111.1%			53.0	93.4%
Pol	Rockstar	49.0	95.5%	61.5	101.6%	55.1	97.2%
Syngenta	Bigfoot	41.7	81.4%	58.8	97.2%	67.8	119.5%
Syngenta	Monument	52.2	101.7%	68.6	113.4%	61.7	108.9%
Syngenta	Wolverine	56.1	109.4%	44.9	74.1%	57.9	102.1%
Syngenta	Everrock	48.0	93.6%	47.7	78.8%	57.0	100.6%
Syngenta	Bob Dole	50.9	99.1%	43.9	72.6%	58.3	102.8%
WestBred	WB4269	59.1	115.2%			56.6	99.9%
WestBred	WB4401	52.4	102.1%	46.2	76.3%	45.9	81.0%
WestBred	WB4422	52.3	101.9%	59.1	97.8%	57.9	102.2%
WestBred	WB4523	44.0	85.7%	55.0	90.9%	48.3	85.2%
WestBred	WB4699	46.2	90.0%	71.4	118.1%	51.0	90.0%
Plot Average		51.3		60.5		56.7	
	Previous Crop	Soybeans		Wheat		Wheat	
	Tillage System	No Till		Conventional		Conventional	
	Fertilizer	50-30-0-10S Preplant 40 lbs N Top-dressed		40-30-0 Preplant 40 N 10 S Top-dressed		40-20-0 Preplant 30N 5S Top dressed	
	Seeding Rate	110 lbs/acre		90 lbs/acre		75lbs/acre	
	Foliar Fungicide	No Fungicide		No Fungicide		No Fungicide	

Yields adjusted to 12.5% moisture. The results presented here are from unreplicated demonstration plots.

For replicated research plot results go too:

2023 K-State Wheat Performance Test Results

<https://www.agronomy.k-state.edu/services/crop-performance-tests/winter-wheat/index.html>

**Special Thanks to:** The Myers, Isaacson, and Ryan families for the work and support of these plots.



Central Kansas  
District

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Scan the QR to register!

# Farm & Ranch Transition Conferences

Preparing farmers and ranchers to plan for the transition to the next generation!

Four locations will be offered - register for the location of your choice by August 16th

Registration fee: \$15 or \$45 for a family of 4

<https://bit.ly/TransitionConf>

LOCATIONS

## Clyde: Tuesday, August 22nd

Clyde Apartments Auditorium - 620 Broadway  
 contact: Luke Byers  
 lsbyers@ksu.edu (785) 632-5335

## Delphos: Wednesday, August 23rd

Delphos Auditorium - 206 W 2nd St  
 contact: Justine Henderson  
 jwh04@ksu.edu (785) 392-2147

## Beloit: Thursday, August 24th

Methodist Church - 801 N Bell St  
 contact: Blaire Todd  
 blairet@ksu.edu (785) 738-3597

## Phillipsburg: Friday, August 25th

Phillips Co Fair Building - 1481 Hwy 183  
 contact: Rachael Brooke  
 rbrooke@ksu.edu (785) 425-6851

8:30am - 9:00 am

Check in

9:00am - 12:00pm

"Mapping Out a Plan to Keep Your Farm in the Family for Future Generations" - Dr. Ron Hanson

12:00pm - 12:45pm

Lunch

12:45pm - 1:30pm

"Maximizing After Tax Wealth in Transition for Farm Families" - Local KFMA Economist

1:30pm - 1:45pm

Break

1:45pm - 2:30pm

"Protecting Assets in Transition for Farm Families" - Local Attorney

2:30pm - 3:00pm

"Moving Forward: Your Kansas Resources for Transition Planning" - Ashlee Westerhold

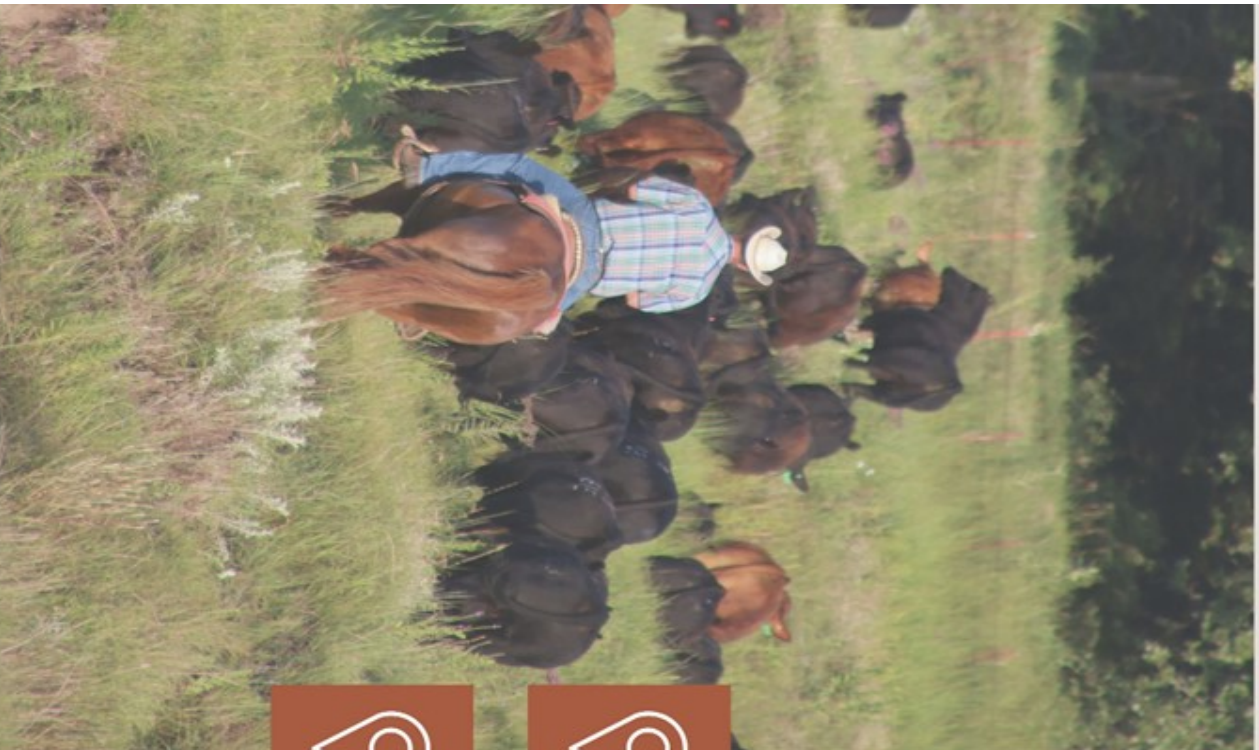
3:00pm - 3:30pm

Panel Q & A

AGENDA

K-State Research and Extension is committed to providing equal opportunity for participation in all programs, services and activities. Program information may be available in languages other than English. Reasonable accommodations for persons with disabilities, including alternative means of communication (e.g., Braille, large print, audio tape, and American Sign Language) may be requested by contacting the event contact (Blair Todd) two weeks prior to the start of the event (8/7/23) at (785-738-3597 blairet@ksu.edu). Requests received after this date will be honored when it is feasible to do so. Language access services, such as interpretation or translation of vital information, will be provided free of charge to limited English proficient individuals upon request.

**Kansas State University Agricultural Experiment Station and Cooperative Extension Service**  
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# Ranch Management Field Days 2023



**MUSHRUSH RED ANGUS**  
August 10 | Chase County



**CARPENTER CATTLE COMPANY**  
August 17 | Thomas County

Thank you to our sponsors:



**FARM CREDIT**  
ASSOCIATIONS OF KANSAS



**HUVEPHARMA**

*More information to follow!*





# 24<sup>TH</sup> K-STATE BEEF

# STOCKER FIELD DAY

SEPTEMBER 28, 2023 | BEEF STOCKER UNIT | MANHATTAN, KS

- 9:30 a.m. Registration/Coffee
- 10:15 a.m. Introductions
- 10:30 a.m. Dr. Glynn Tonsor – K-State  
*Beef Cattle Outlook*
- 11:15 a.m. **Producer Panel – Labor: Recruiting and Retention**
  - J.D. Powell – Sandhills Hay Co. Ltd
  - Dr. Karol Fike – K-State
  - Chad Cargill – Cargill Ranch
  - Keith Bryant – Cobalt Cattle Company

Moderator: Wes Ishmael – *Hereford World*, Executive Editor
- 12:15 p.m. **Barbeque Brisket Lunch – View posters**
- 1:15 p.m. Dr. Lee-Anne Walter and Dr. Tim Parks, Merck Animal Health  
*Latest research into the top pharmaceutical technologies yielding the highest economic return in stocker cattle*
- 2:15 p.m. Dr. Logan Thompson – K-State  
*Accounting for the environmental impact of grazing cattle: appreciating our ecological niche*
- 3:00 p.m. Break
- 3:30 p.m. Alfredo DiCostanzo – University of Nebraska  
*Fine-tuning bunk calls in the grow yard*
- 4:15 p.m. Zach Smith – South Dakota State University  
*Appropriate use of steroidal implants during the backgrounding and stocker phase: impacts on growth performance and carcass outcomes upon harvest*
- 5:30 p.m. Cutting Bull's Lament

### Event Sponsored By:



### Registration

The cost is \$25 per participant if you register on or before September 14. Late registration is \$35.

### Location

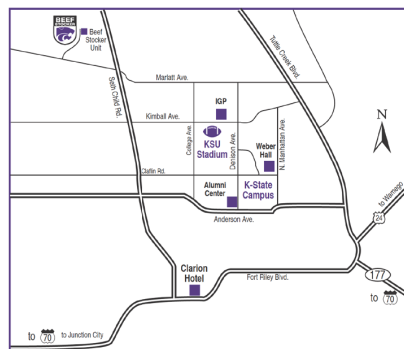
The conference will take place at the **KSU Beef Stocker Unit**, 4330 Marlatt Avenue, Manhattan, Kansas.

### For more information contact:

Katie Smith, Department of Animal Sciences & Industry, 785-532-1267, [katiesmith@ksu.edu](mailto:katiesmith@ksu.edu)

\*After the program, be our guest for Prairie Oysters and Call Hall Ice Cream

### EVENT PARTNERS:



## Beef Stocker Field Day 2023

Registration Deadline: September 14, 2023

Cost is \$25 per participant. Onsite registration is \$35. Return this form with your payment or register online at [www.KSUbeef.org](http://www.KSUbeef.org)

Name(s): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Email: \_\_\_\_\_

Total Number of Registrants: \_\_\_\_\_ @ \$25

Total Amount Enclosed: \_\_\_\_\_

I plan to attend Cutting Bull's Lament immediately following the conference. Yes \_\_\_\_\_ No \_\_\_\_\_ Total number of people: \_\_\_\_\_

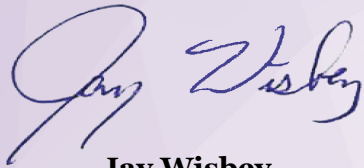
Your payment or check, payable to Kansas State University, is required to process your registration. Send to: 2023 Beef Stocker Field Day, 218 Weber Hall, 1424 Claflin Road, Manhattan, KS 66506 or email [katiesmith@ksu.edu](mailto:katiesmith@ksu.edu). Phone 785-532-1267

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**Minneapolis Office**  
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Minneapolis, KS 67467-2129

Address Service Requested

The enclosed material is for your information. If we can be of further assistance, feel free to call or drop by the Extension Office.

Sincerely,



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