

Tri-State Cow Calf Symposium

"Adapting in Times of Uncertainty"

Beef-Cattle Outlook and Drought Feeding

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Quarterly Forecasts (LMIC 12/28/2022)

Year	Comm'l Slaughter	% Chg. from Year Ago	Average Dressed Weight	% Chg. from Year Ago	Comm'l Beef Production	% Chg. from Year Ago
2022						
I	8,405	1.5	836	0.3	7,022	1.8
II	8,669	1.9	815	(0.3)	7,069	1.5
III	8,756	2.7	816	(0.3)	7,147	2.4
IV	8,569	0.4	831	(0.2)	7,124	0.3
Year	34,398	1.6	825	(0.1)	28,362	1.5
2023						
I	7,882	(6.2)	837	0.2	6,595	-6.1
II	8,284	(4.4)	818	0.3	6,775	-4.1
III	8,223	(6.1)	821	0.6	6,749	-5.6
IV	8,203	(4.3)	835	0.5	6,852	-3.8
Year	32,591	(5.3)	828	0.4	26,972	-4.9
2024						
I	7,171	(9.0)	842	0.6	6,036	-8.5
II	7,547	(8.9)	824	0.7	6,217	-8.2
III	7,758	(5.6)	830	1.1	6,439	-4.6
IV	7,668	(6.5)	844	1.1	6,476	-5.5
Year	30,144	(7.5)	835	0.9	25,168	-6.7

Data Source: Livestock Marketing Information Center

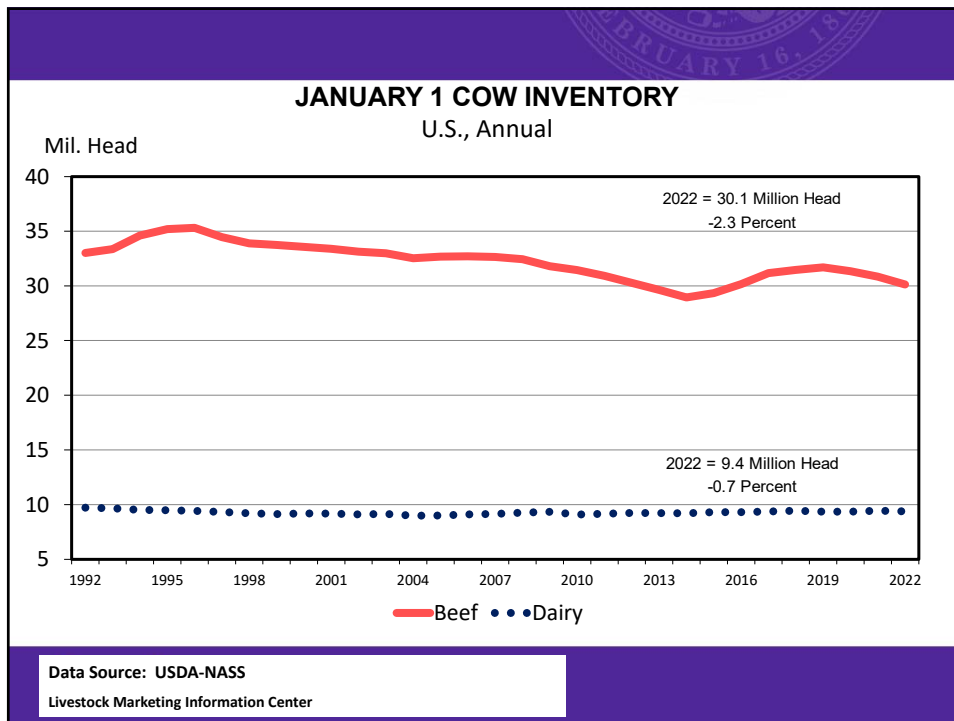
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Quarterly Forecasts (LMIC 12/28/2022)

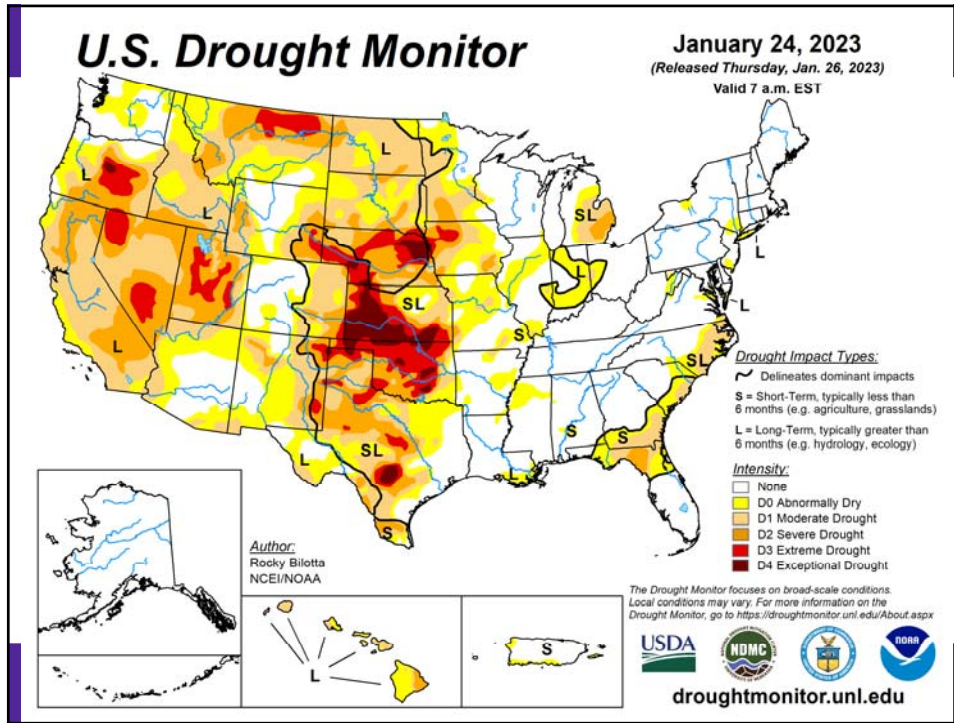
Year Quarter	Live Sltr.	% Chg. from Year Ago	Feeder Steer Price	
	Steer Price 5-Mkt Avg		Southern Plains	
			7-800#	5-600#
2022				
I	139	23.3	160	193.7
II	142	17.5	160	188.4
III	143	16.2	178	192.0
IV	150-151	13.7	178	191.6
Year	143-144	17.2	169	191.4
2023				
I	147-152	7.4	178-180	194-197
II	152-157	8.9	178-182	199-203
III	148-158	6.7	178-188	205-215
IV	150-160	3.0	181-191	220-230
Year	153-154	7.0	180-182	207-209
2024				
I	160-175	12.0	182-197	225-240
II	165-180	11.7	184-198	220-235
III	163-178	11.4	190-205	230-245
IV	167-182	12.6	187-202	235-250
Year	165-175	10.7	187-197	230-240

Data Source: Livestock Marketing Information Center

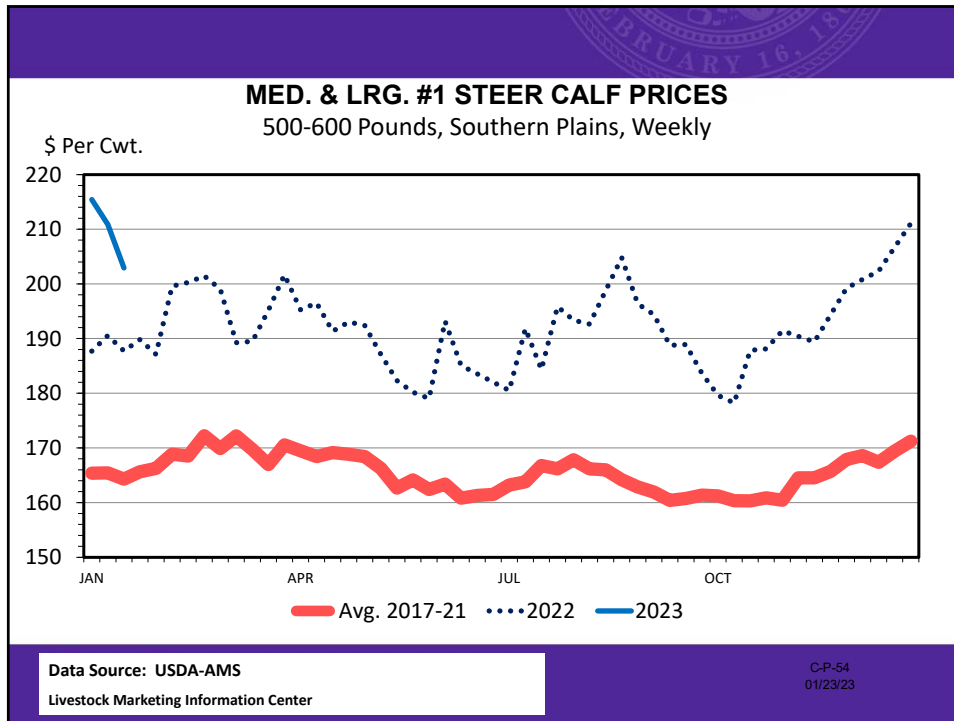
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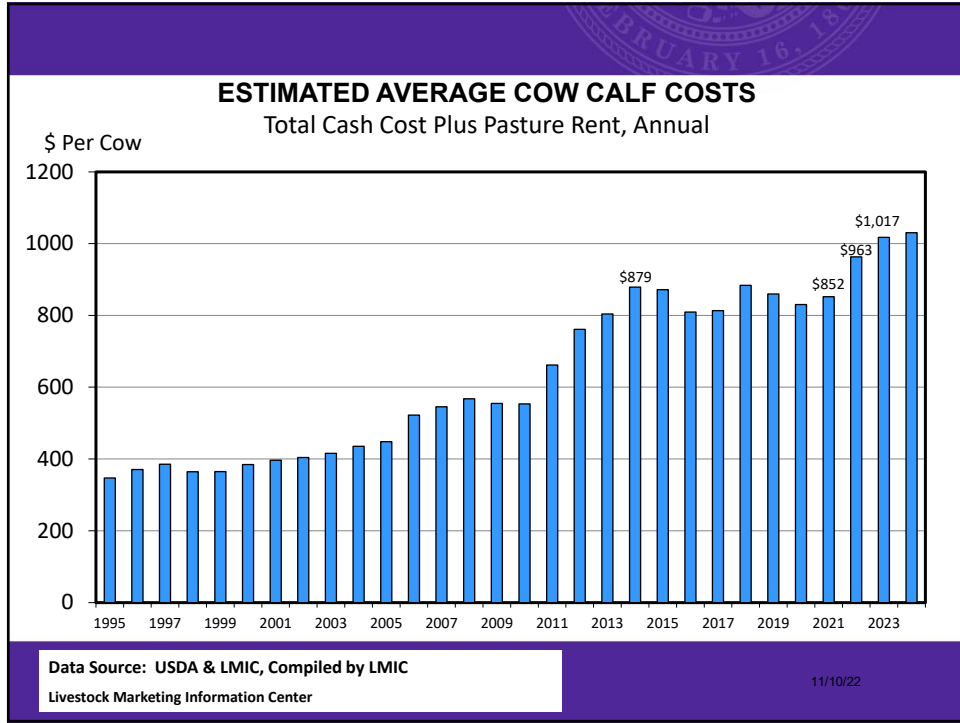
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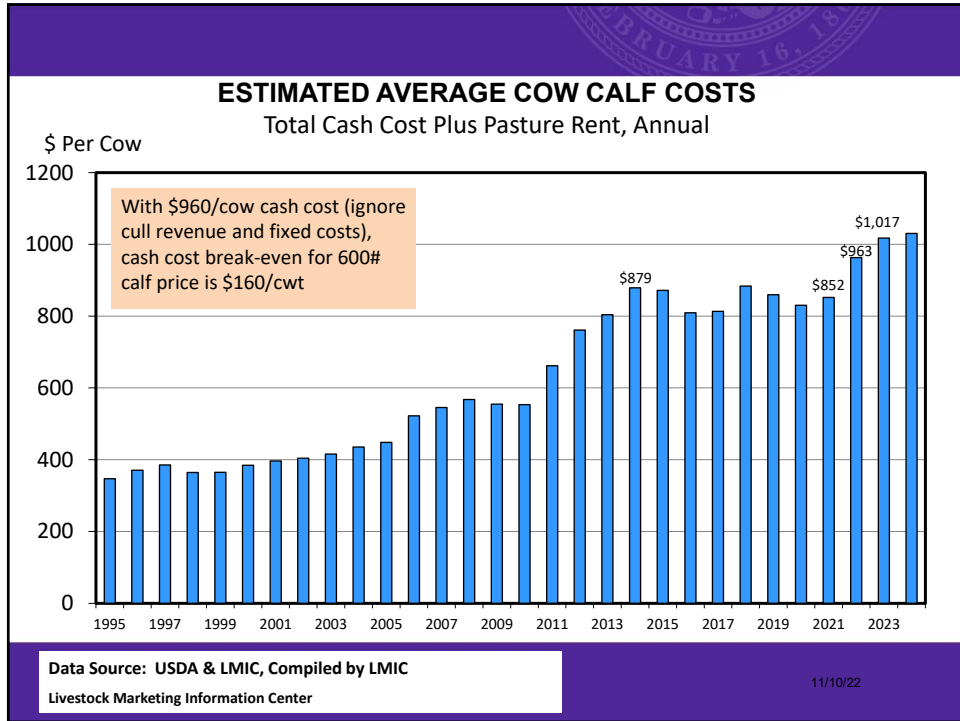
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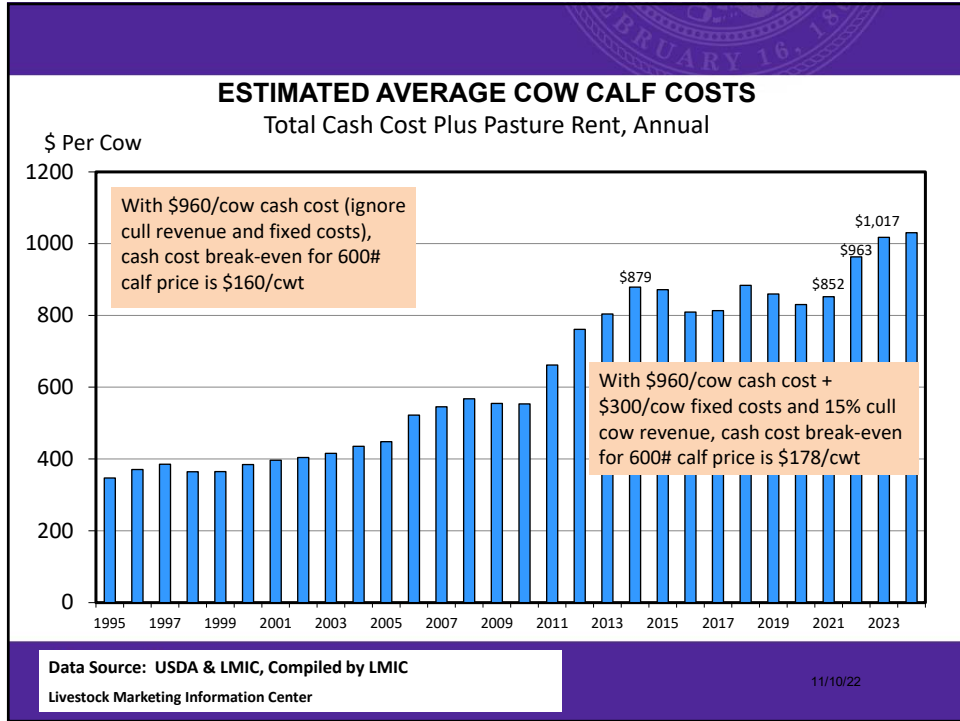
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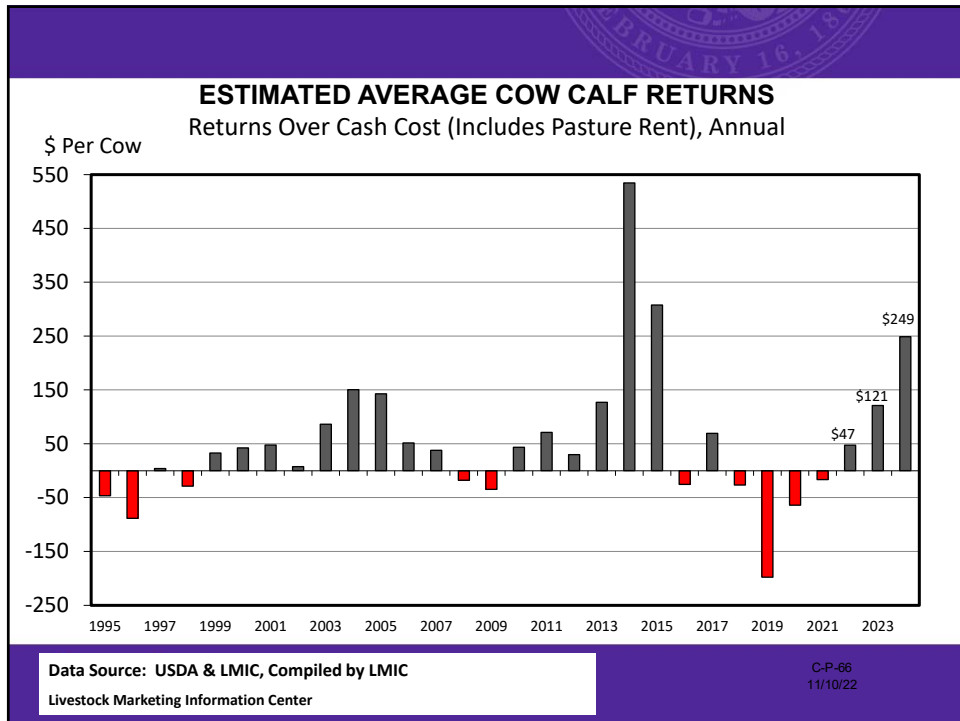
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Want Feeder Cattle Price, Basis, & VOG Projections?
[Use BeefBasis.com](http://BeefBasis.com)

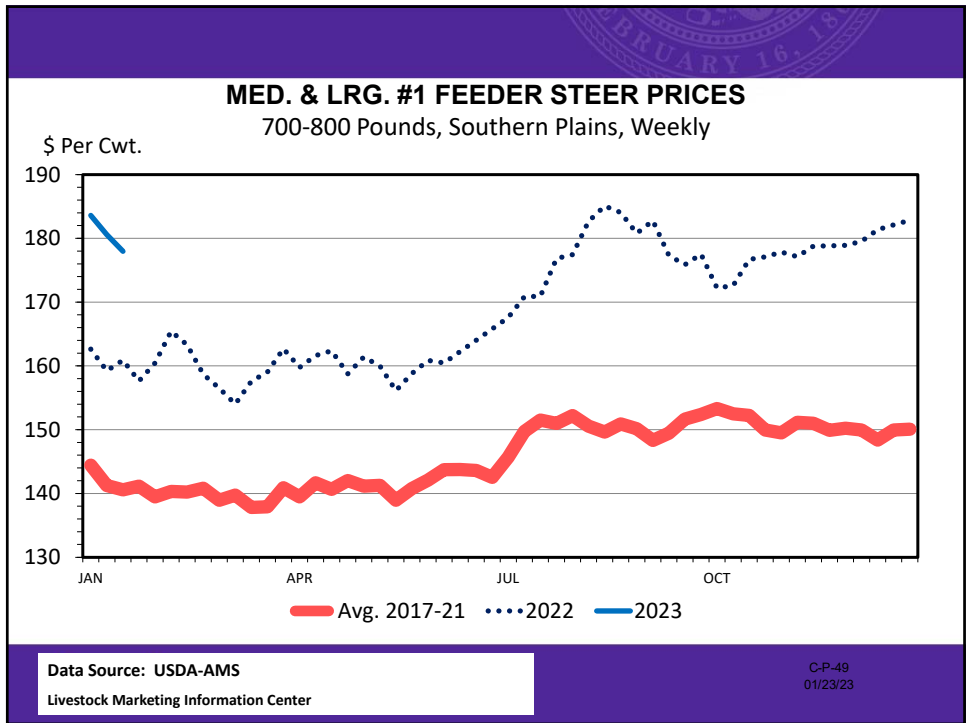
Salina *SUMMER GRASS* Market, as of 1/20

**4/5/2023 Buy/Retail @ 750 lbs
 9/6/2023 Sell @ 950 lbs
 DOF=154 & ADG=1.3**

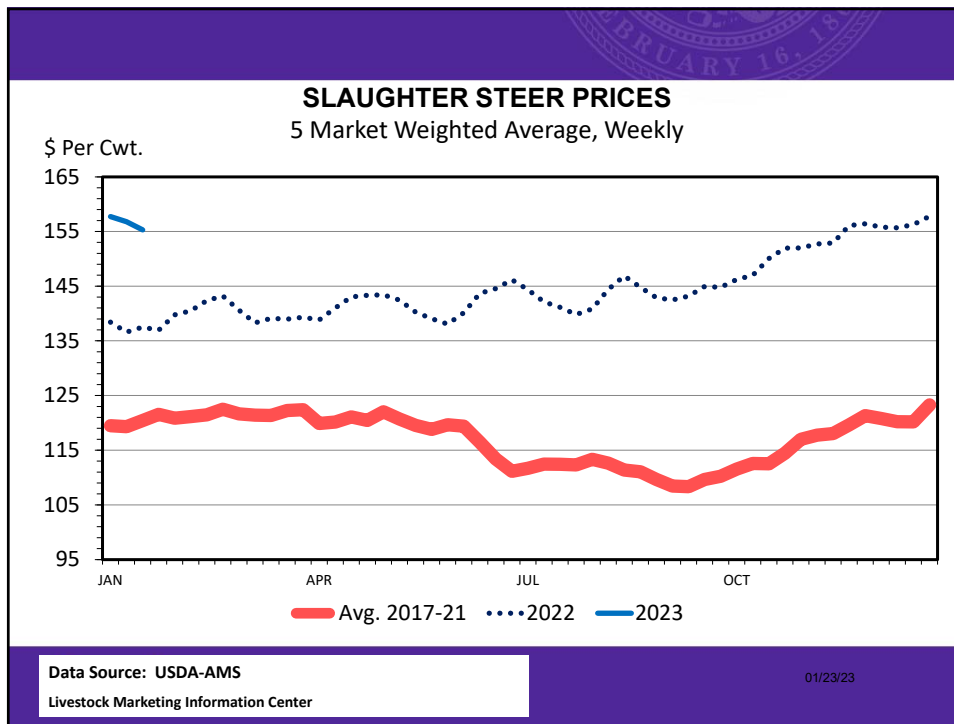
- **Expected Buy Price: \$189/cwt**
- **Expected Sell Price: \$105/cwt**
- **VOG: \$215/cwt (\$429/head)**

Data Source: Tonsor, 2023
UNIVERSITY

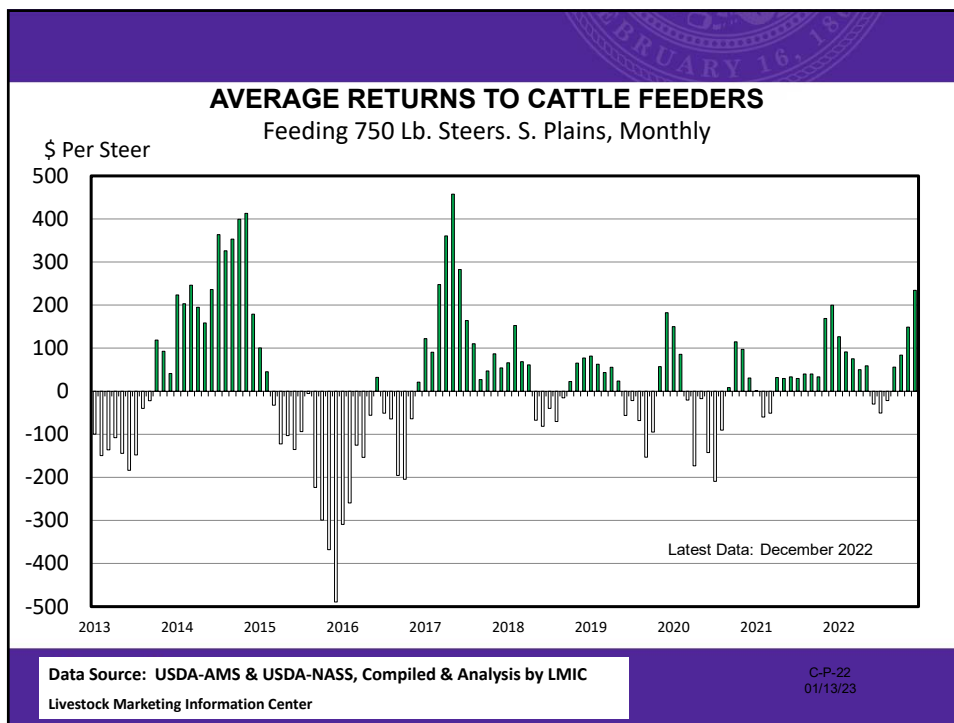
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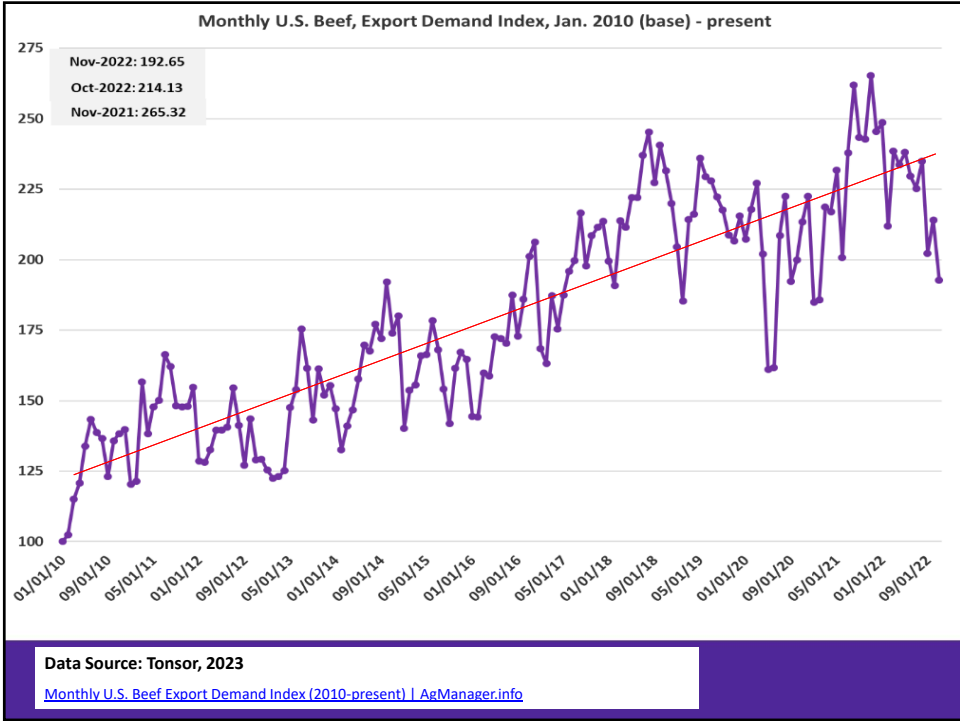
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FEBRUARY 16, 18

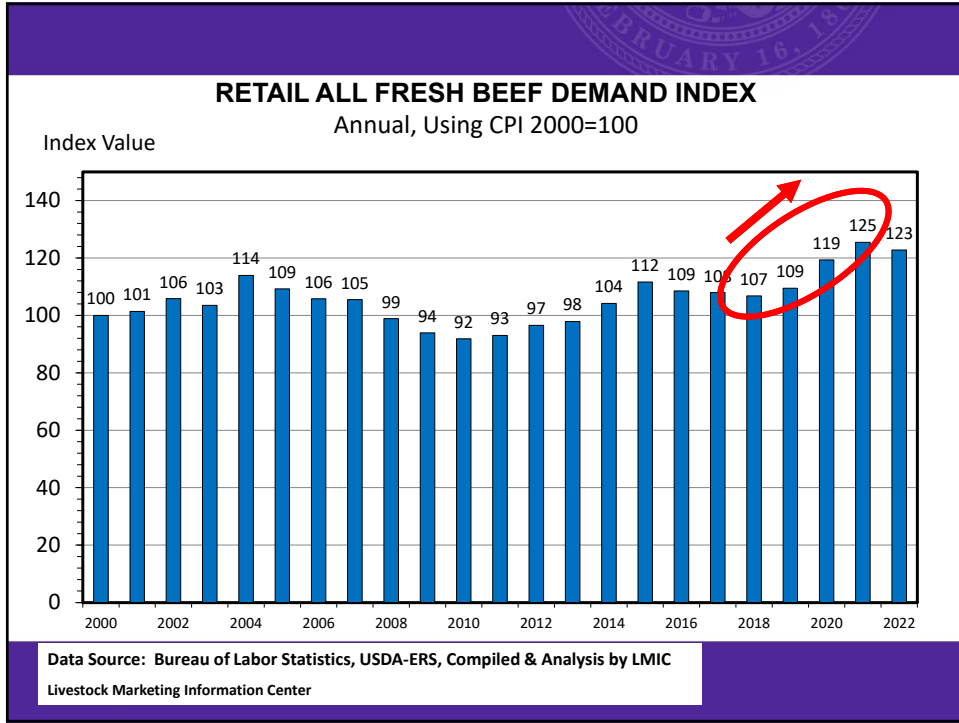
Beef Demand

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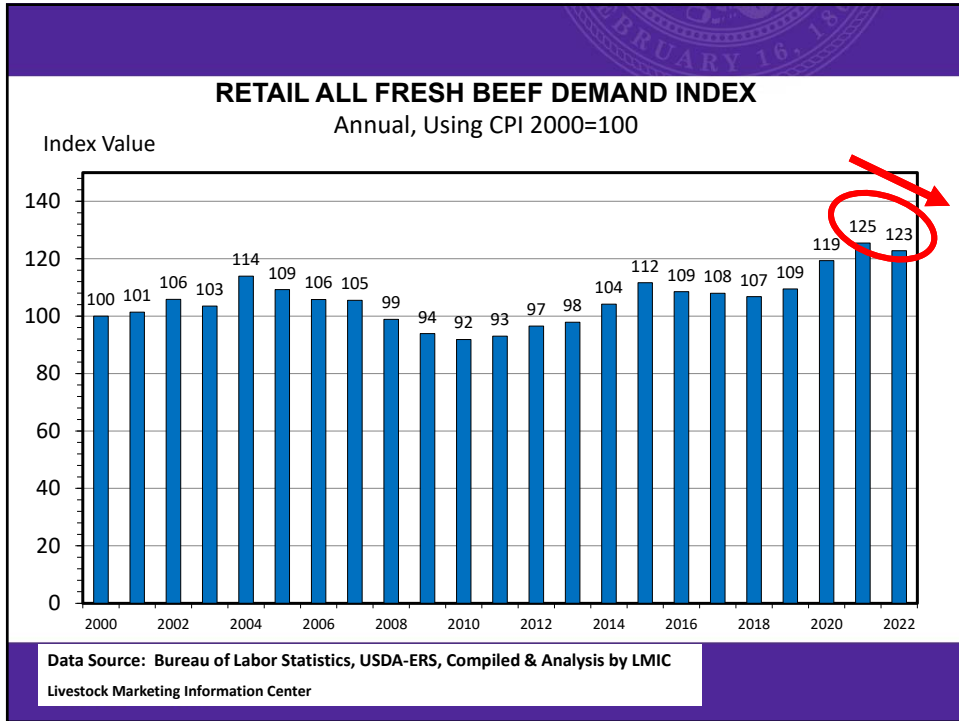
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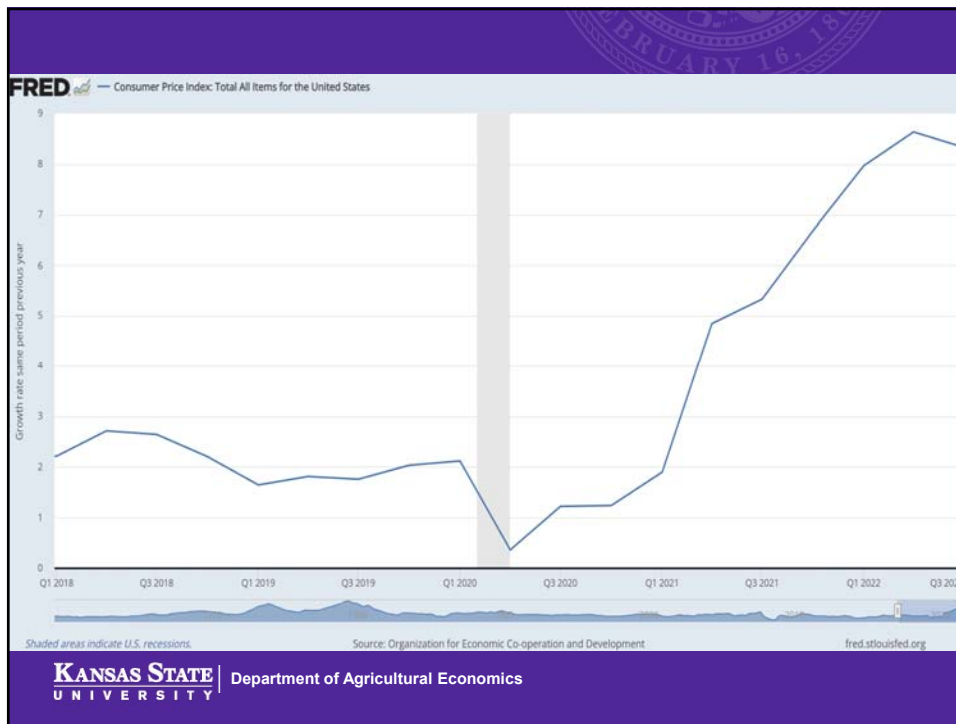
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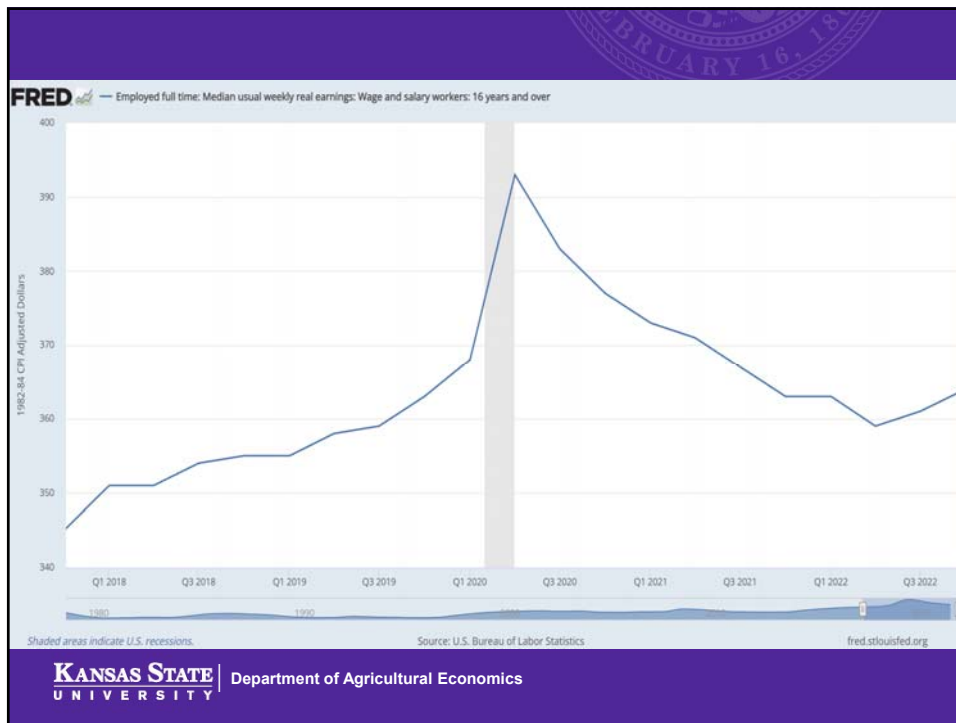
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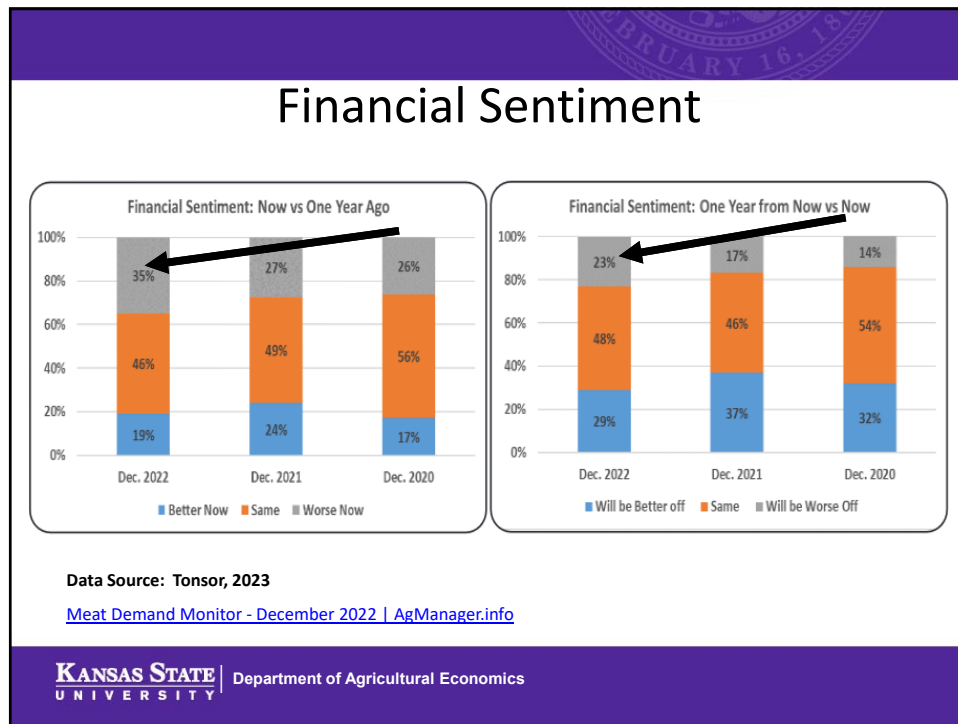
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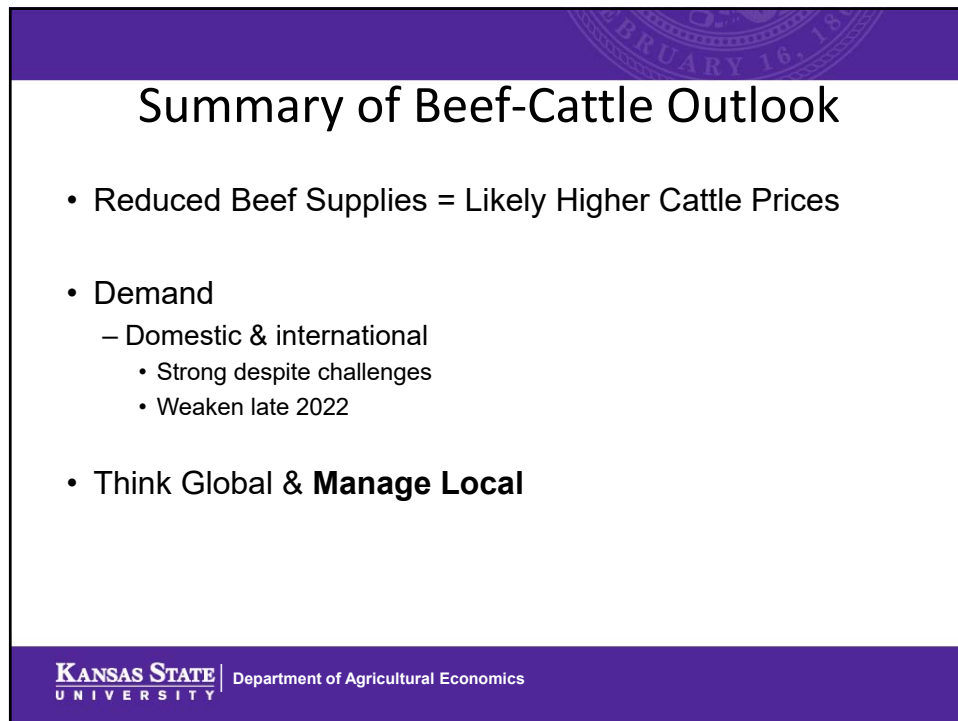
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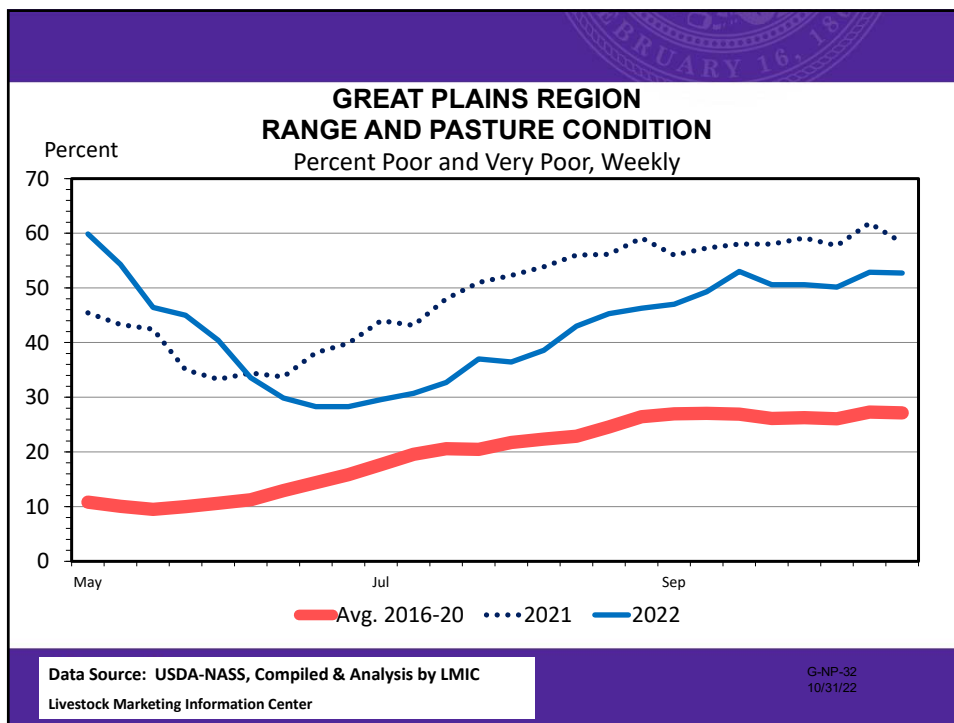


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Drought Feeding

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Drought Management Plan

- Drought management plan should include
 - Adjusting livestock inventory
 - Existing forages
 - Alternate feeding opportunities
 - Consulting your management team
 - Lender, accountant, nutritionist, veterinarian, Extension

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Adjusting Livestock Inventory

- Culling strategy
 - Cows
 - Open &/or late calvers
 - Older cows
 - Poor composition, disposition
 - Bulls
 - Replacement heifers
 - Early weaning calves

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Adjusting Livestock Inventory


- Culling strategy
 - Cows
 - Sale vs. feeding
 - [breakevenfeederorcullcows.xls \(live.com\)](#) (UNL)
 - [cowcarryingcosts2011.xls \(live.com\)](#) (CSU)
 - Replacement heifers
 - Buying vs. Raising
 - [KSU-Beef Replacement | AgManager.info](#) (KSU)
 - [heiferreplacementdecisiontool.xlsx \(live.com\)](#) (CSU)


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Existing Forages

- Delay turn-out
 - Purchase additional feed
 - [BuyHaySellCows v2022.xlsx \(live.com\)](#) (CSU)



An ABM Decision Tool is designed to help beef cow owners make decisions regarding if a cow should be sold or continued to be owned. It is for educational purposes only. Colorado State University is an equal access and equal opportunity university.

Should I Buy Hay or Sell Cows? v2022
Jeffrey E. Tranel, Jenny Beiermann, and R. Brent Young
<https://ABM.extension.colostate.edu>
October 2022

DATA INPUT					
What is the current year?	2022	Annual "cow costs"?	\$750		
Number of cows in herd?	250	Annual percentage change to non-hay costs?	5%		
Number of calves weaned?	218	Days per year hay is fed	150		
Average Weaning Weights:		Hay fed (lbs/day/cow)	25		
Steers (lbs per head)	550				
Heifers (lbs per head)	515				
Estimated Prices:					
Steer Calves (\$/lb)	2022	2023	2024	2025	2026
	\$1.85	\$1.95	\$1.75	\$1.75	\$1.75
Hay (\$/ton)	\$300	\$300	\$275	\$320	\$325
Market Value of Cows (\$/cow)	\$1,300	\$1,300	\$1,300	\$1,300	\$1,300
Additional Hay Fed (lbs/cow)	0	0	0	0	0

RESULTS (\$/cow in herd)					
	2022	2023	2024	2025	2026
Revenues	841	887	795	795	795
Annual Cow Costs	750	759	722	816	836
Hay Costs	563	563	516	600	609
Additional Hay Costs	0	0	0	0	0
Non-Hay Costs	187	196	206	216	227
Annual Pre-Tax Profits	91	128	73	(22)	(42)
Accumulated Pre-Tax Profits	91	219	292	270	228
Value of Cow Kept in Herd	1,528	1,437	1,309	1,237	1,258
Annual Speculative Profit	228	137	9	(63)	(42)
Accumulated Speculative Profit	228	366	375	312	270
If Cow & Calf Sold Each Year	1,391	1,428	1,373	1,278	1,258

If "Value of Cow Kept in Herd" is less than the "Market Value of Cows", the financial based decision would be to sell the cows.

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Alternate Opportunities

- Dry-lotting cows
 - [Feed Cost CowQLator v08_28_2013.xlsx \(live.com\)](#) (UNL)
- Trucking cows to rented pasture
 - [strategiesforcattleherdduringdrought-v2018.xls \(live.com\)](#) (CSU)

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Additional Resources

- [AgManager.info | AgManager.info](#)
 - Decision tools, webinars, etc.
- [KSUBeef.org \(k-state.edu\)](#)
 - Decision tools, webinars, etc.
 - [Dr. Js Beef: Cull cow feeding during drought on Apple Podcasts](#)
- [The Beef Cattle Institute \(ksubci.org\)](#)
 - Podcasts, decision tools, etc.
 - Reducing winter feed costs - [Winter Feed Costs, Record Keeping, Listeriosis \(ksubci.org\)](#)
 - Ammoniated forages - [Liver Abscesses, Prepping Calves for the Sale Barn, Ammoniated Forages \(ksubci.org\)](#)

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