

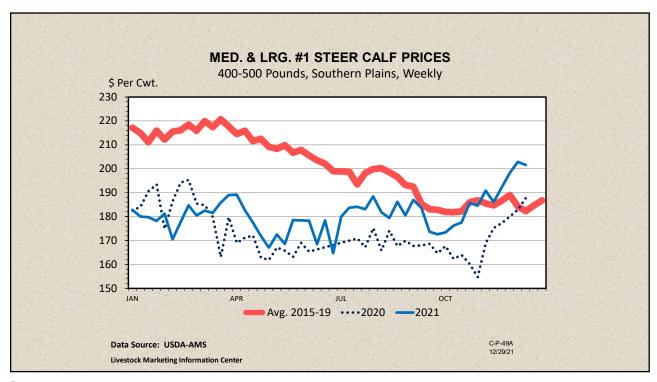


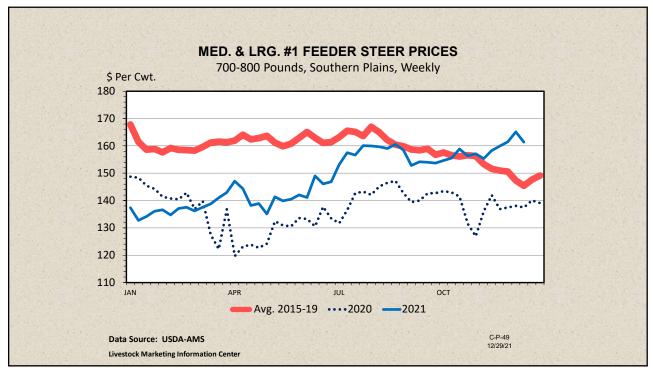
## **Key Cattle Market Factors**

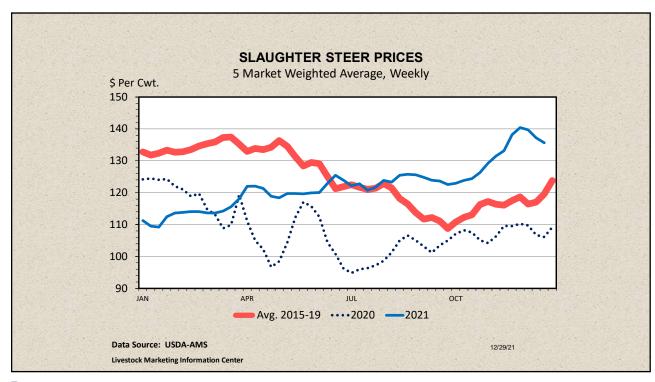
Cattle numbers declining

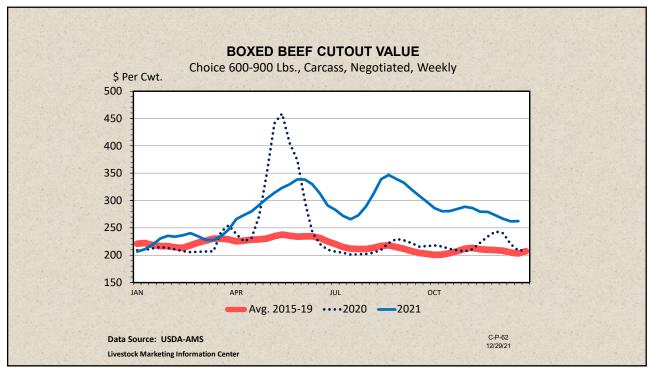
- Demand
  - COVID Impacts
- Drought
- Feed Prices

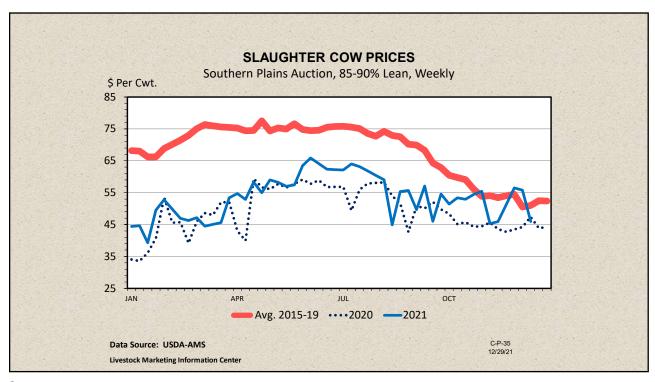


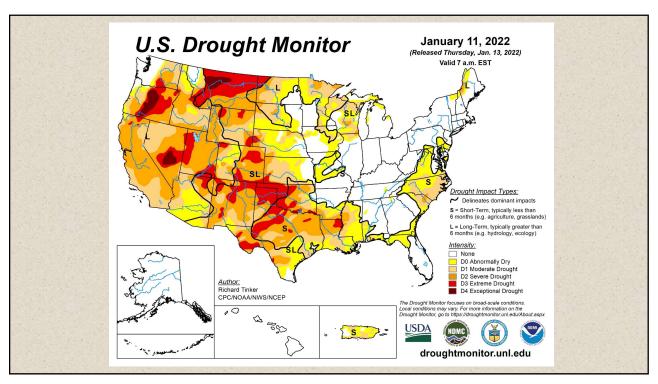


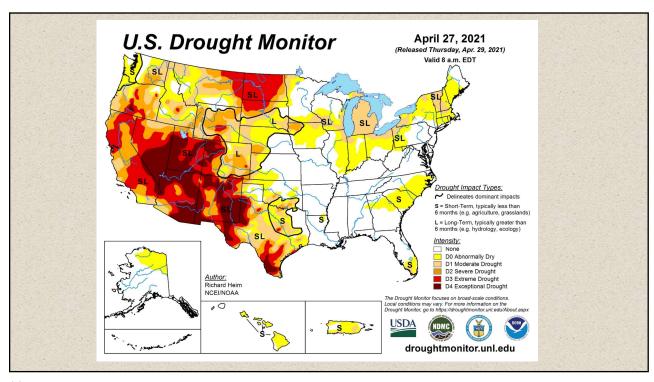


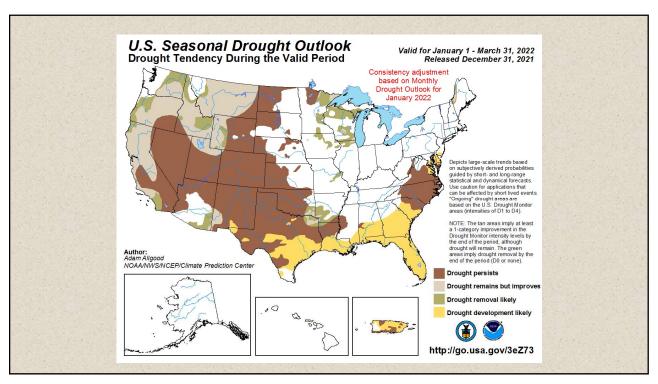












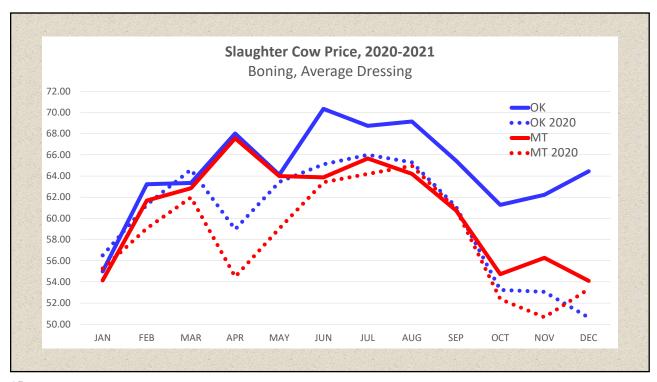
# U.S. Cattle Inventory January 1

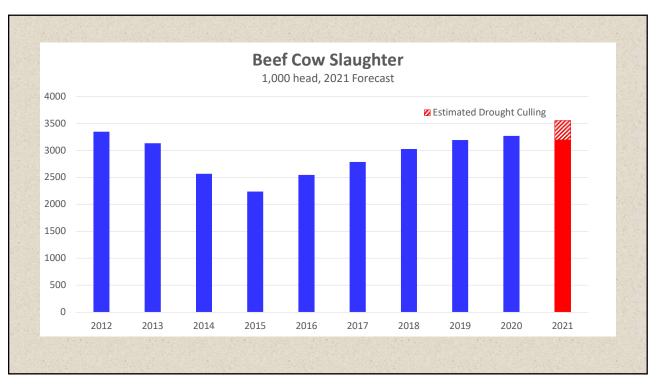
	2018	2019	2020	% Change	2021	% Change
	1000 Head	1000 Head	1000 Head		1000 Head	
All Cattle and Calves	94298.0	94804.7	93793.3	-1.1	93594.5	-0.2
Beef Cows	31466.2	31690.7	31338.7	-1.1	31157.6	-0.6
Dairy Cows	9432.1	9353.4	9342.6	-0.1	9440.4	+1.1
Beef Replacements	6108.2	5884.9	5808.9	-1.3	5812.1	+0.1
Dairy Replacements	4768.3	4701.5	4684.0	-0.4	4604.5	-1.7
Feeder Supply	26124.9	26553.3	25714.0	-3.2	25662.0	-0.2
Cattle on Feed	14146.0	14367.9	14657.7	+2.1	14707.4	+0.3
	2017	2018	2019		2020	
Calf Crop	35758.2	36312.7	35591.6	-2.0	35135.5	-1.3

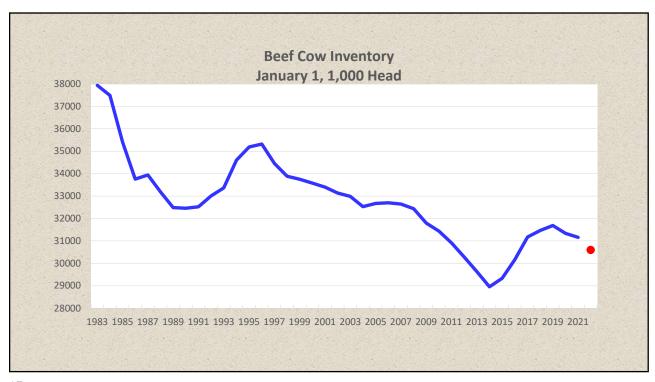
13

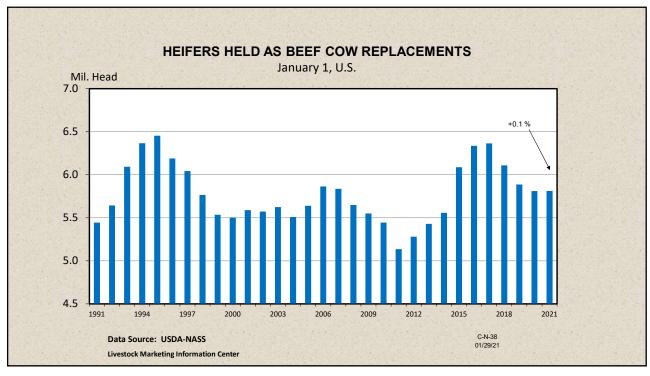
January 1, 2021
1000 Head (% of last year

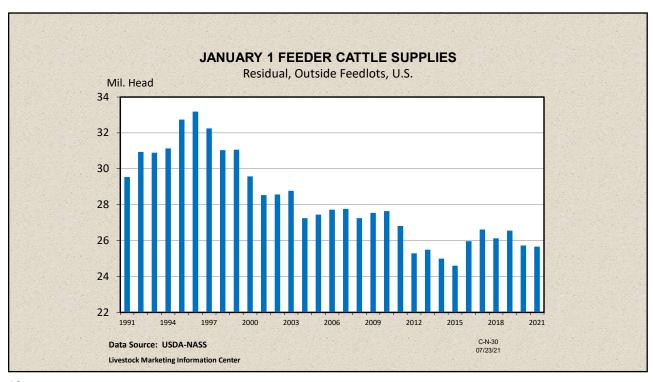
	Beef Cov	ws	Be	ef Heifers	
•	1 TX	4,685 (103)	•	1 TX	820 (103)
	2 OK	2,189 (104)	•	2 OK	410 (111)
	3 MO	2,035 (98)	•	3 MT	380 (97)
•	4 NE	1,900 (99)	•	4 SD	370 (103)
	5 SD	1,799 (101)		5 NE	350 (95)
•	6 KS	1,477 (102)	•	6 MO	335 (100)
•	7 MT	1,419 (99)		7 KS	270 (108)
•	8 KY	983 (96)	•	8 ND	204 (112)
	9 ND	975 (98)	•	9 AR	158 (105)
	10 FL	928 (103)		10 IA/WY	155

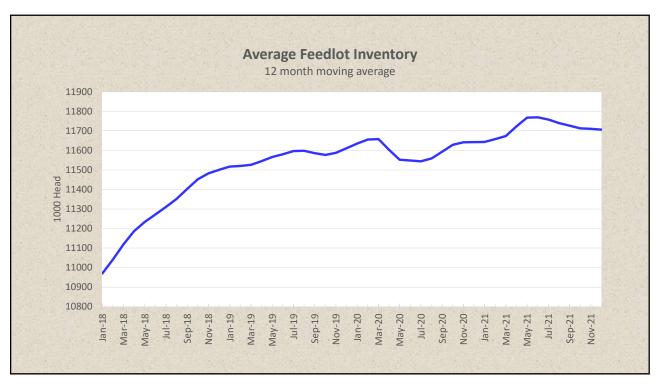


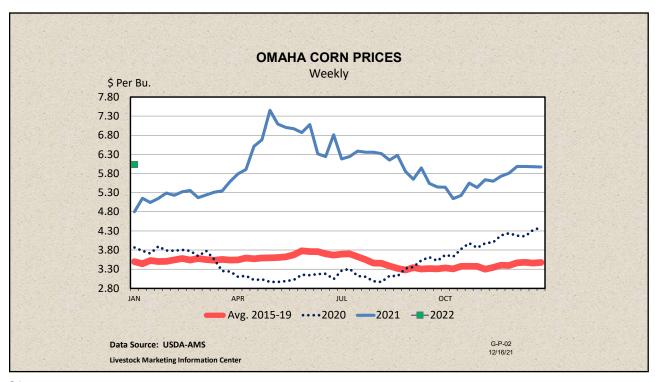


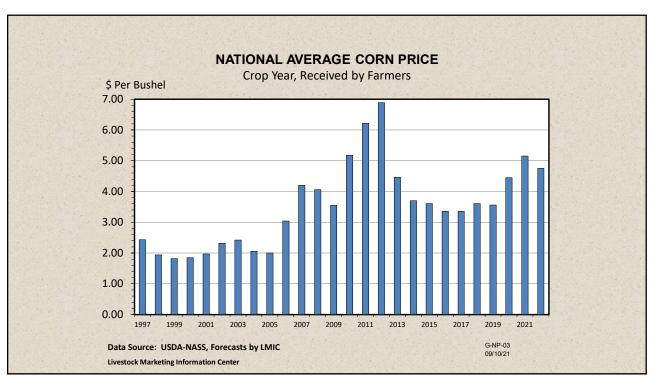


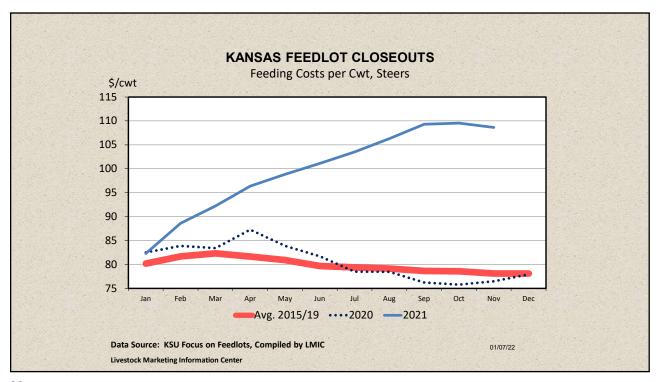








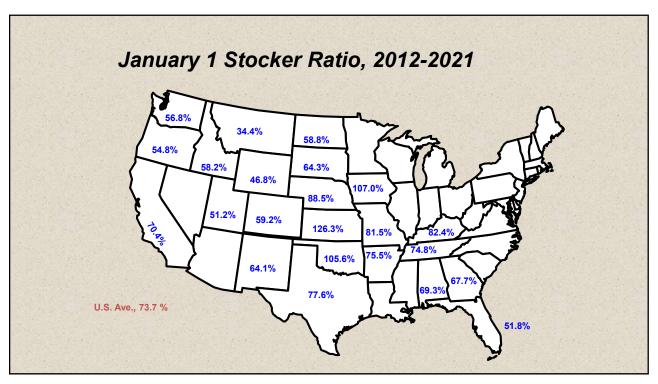


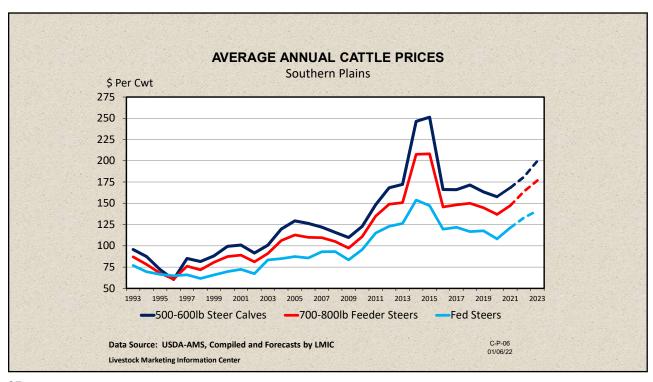




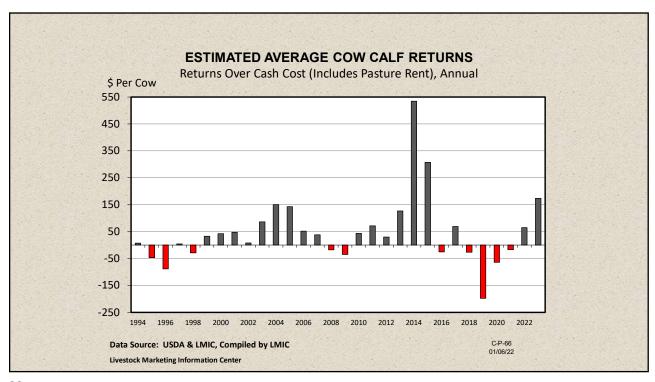
Steer Price, Total Value and Value of Gain
January 7, 2022, Oklahoma Combined Auction

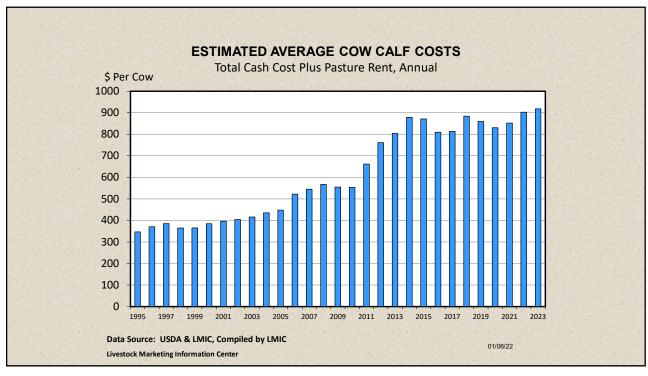
3	Weight	Average	Total	VOG	VOG	VOG	VOG	VOG	VOG
S		Average							
	(lbs)	Price	Value	400 lb.	450 lb.	500 lb.	550 lb.	600 lb.	650 lb.
X I KNO		(\$/cwt.)	(\$/hd)	Beg.	Beg.	Beg.	Beg.	Beg.	Beg.
2000				Weight	Weight	Weight	Weight	Weight	Weight
000				(\$/lb.)	(\$/lb	(\$/lb.)	(\$/lb.)	(\$/lb.)	(\$/lb.)
	400	\$204.13	\$817						
2	450	\$197.58	\$889	\$1.45					
X SANO	500	\$190.78	\$954	\$1.37	\$1.30				
2000	550	\$181.63	\$999	\$1.22	\$1.10	\$0.90			
00/4%	600	\$169.75	\$1,019	\$1.01	\$0.86	\$0.65	\$0.39		
	650	\$163.58	\$1,063	\$0.99	\$0.87	\$0.73	\$0.64	\$0.89	
7	700	\$161.99	\$1,134	\$1.06	\$0.98	\$0.90	\$0.90	\$1.15	\$1.41
The same	750	\$159.52	\$1,196	\$1.09	\$1.02	\$0.97	\$0.99	\$1.19	\$1.33
	800	\$157.57	\$1,261	\$1.11	\$1.06	\$1.02	\$1.05	\$1.21	\$1.32
Section 1	850	\$156.24	\$1,328	\$1.14	\$1.10	\$1.07	\$1.10	\$1.24	\$1.32
100	900	\$153.97	\$1,386	\$1.14	\$1.10	\$1.08	\$1.10	\$1.22	\$1.29

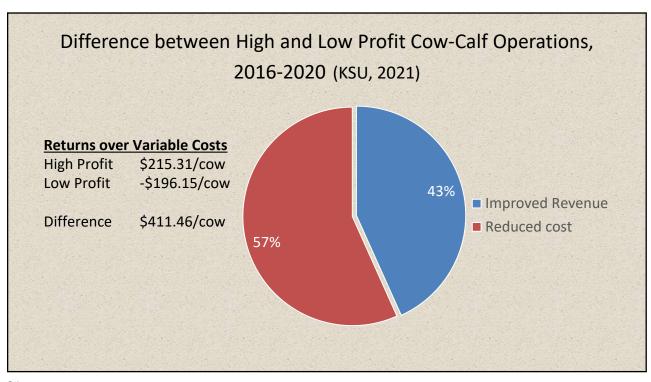


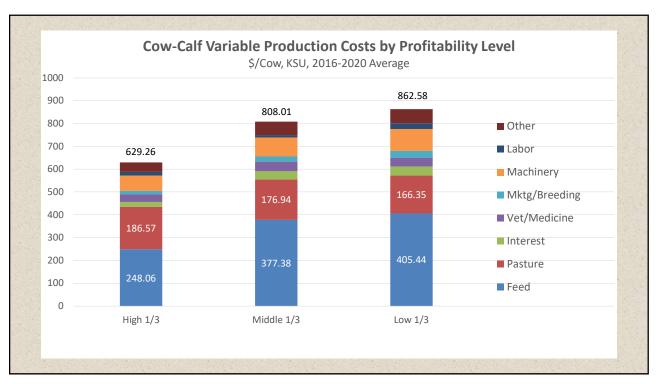


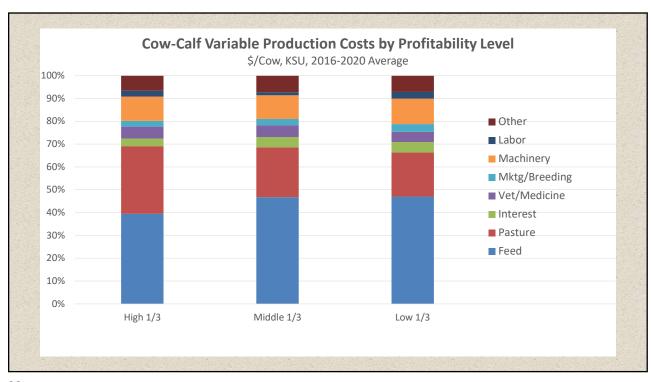
		Feeder	Steer Price	(Souther	n Plains)	Fed	Steer
		5-600 lb. (\$/cwt.)	% chg from Last Year	7-800 lb. (\$/cwt.)	% chg from Last Year	5-mkt avg. (\$/cwt)	% chg from Last Year
2020	IV	155.00	-2.0	138.05	-6.8	108.18	-5.8
	Annual	157.82	-3.4	137.09	-5.2	108.51	-6.8
2021	IV	172.17	+11.1	158.62	+14.9	131-132	+21.6
	Annual	168.59	+6.8	148.43	+8.3	121-122	+12.0
2022	I	180-183	+10.1	161-162	+18.2	132-135	+18.2
	II	180-185	+10.3	158-162	+12.7	135-139	+13.4
	Ш	180-190	+7.6	163-173	+7.4	126-131	+4.0
	IV	178-188	+6.3	158-168	+2.8	130-136	+1.1
	Annual	182-183	+8.3	163-165	+10.5	132-134	+9.5

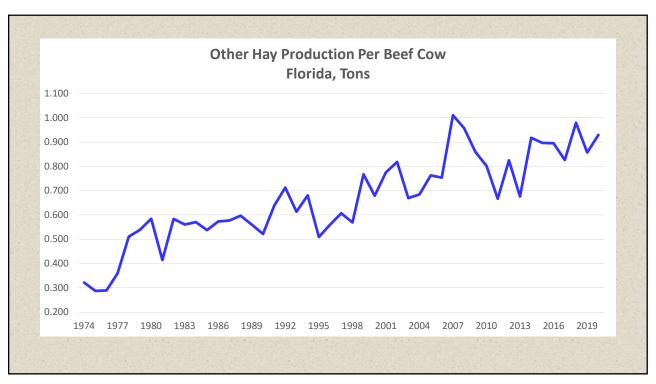












#### Florida Other Hay Use per Beef Cow

• 1974-1983

0.445 tons/cow

890 lbs.

• 2006-2020

0.847 tons/cow

1,694 lbs.

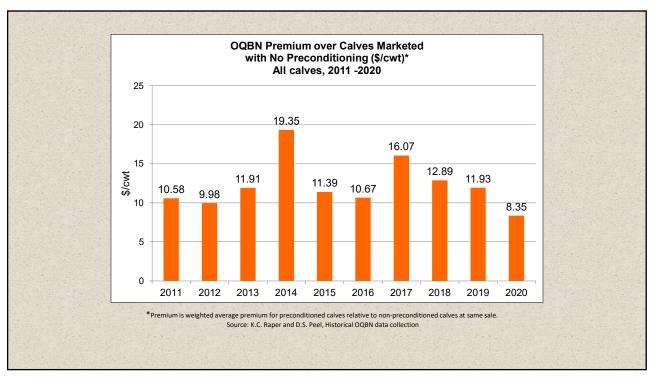
- Why 804 lbs of extra hay needed per cow?
  - Bigger cows
    - Does not account for increased hay use (maybe 15-20%)
    - Should they be bigger? What size cow is most efficient?
  - Wasted Hay (maybe 40 %)
    - 50% storage and feeding losses
  - Longer Feeding Time (maybe 40 %)
    - 30-40 days extra feeding



35

#### Characteristics of High Profit Cow-Calf Operations

- Larger Herds
- · Bigger calves and higher weaning percentage
- Higher calf sale price
- More pasture per cow and higher pasture costs
- · Less non-grazing feed costs
- Other costs lower (vet, marketing, depreciation, machinery, interest, other)



### Considerations for Maintaining Profitability

- Market Grass
  - Grazing management (grazing duration, pasture quality)
- Manage Feed Costs
  - Minimize hay costs
    - · Reduce need (i.e. grazing management)
    - · Quality, storage, feeding
  - Judicious use of supplemental feeds (nutritional management)
- Preconditioned calves?
- · Retained ownership?
- Cull cow marketing



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39

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