Tennessee Market Highlights

INSTITUTE OF AGRICULTURE THE UNIVERSITY OF TENNESSEE

> July 1, 2022 Number: 26

Trends for the Week Compared to a Week Ago

Slaughter Cows

\$1 to \$3 higher <u>Slaughter Bulls</u> steady to \$3 higher <u>Feeder Steers</u> steady to \$4 higher <u>Feeder Heifers</u> steady to \$5 higher <u>Feeder Cattle Index:</u> 166.44

Fed Cattle

The 5-area live price on Thursday of \$146.10 was up \$1.60. The dressed price of \$233.94 was down \$0.97.

<u>Corn</u>

July closed at \$7.54, up 4 cents since last Friday.

<u>Soybeans</u>

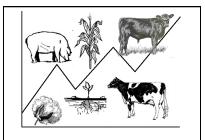
July closed at \$16.26, up 16 cents since last Friday.

<u>Wheat</u>

July closed at \$8.31, down 92 cents since last Friday.

<u>Cotton</u>

July closed at 103.68 cents, down 0.08 cents since last Friday.



Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded mixed compared to last week on a live basis. Prices on a live basis primarily ranged from \$137 to \$147 while dressed prices were mainly \$233 to \$234.

The 5-area weighted average prices thru Thursday were \$146.10 live, up \$1.60 compared to last week and \$233.94 dressed, down \$0.97 from a week ago. A year ago, prices were \$123.82 live and \$198.14 dressed.

A wide range of prices are evident when comparing Southern cattle and Northern cattle. Many of the cattle trading in the South are trading near \$136 and \$137 while cattle trading on a live basis in the North are trading \$10 per hundredweight higher. Cattle feeders in the North are shooting for high quality grades, which explains some of the premium on those cattle, but it is important to remember that influences yield grade of the carcass. Despite the negative impact on yield grade, cattle feeders know there is much more premium in higher grading cattle than discounts from lower yielding cattle. This price variation is likely to continue for a while longer, but it also indicates why feeder cattle going to the North may be worth a little more.

BEEF CUTOUT: At midday Friday, the Choice cutout was \$263.53 down \$0.47 from Thursday and down \$1.58 from a week ago. The Select cutout was \$240.60 up \$0.03 from Thursday and down \$4.53 from last week. The Choice Select spread was \$22.93 compared to \$19.98 a week ago.

As a six month review, Choice boxed beef prices started the year near \$268 per hundredweight before quickly escalating to nearly \$291 the last week of January. The market then tumbled to \$253 in the middle of March before moving back above \$272 per hundredweight in the middle of April. Since that time. Choice boxed beef prices have bounced around with little direction developing. During the same time, the 5-area weighed average price for finished cattle has traded in an \$8 range from \$136.60 to \$144.55. This is not a statistical analysis, but it is clear that packers are not passing their profits down the line to cattle feeders. The leverage is sure to shift toward cattle producers as the number of cattle continues to decline, but it has been slow to develop. Speaking more towards boxed beef, there is only one summer holiday weekend remaining to support beef prices. Beef tends to move well for Labor Day weekend, but prices are not expected to push to extreme levels and may even moderate more before the buying push for Labor Day.

OUTLOOK: Based on Tennessee weekly auction market reports, steer prices this week were steady to \$4 higher compared to a week ago while heifer prices were steady to \$5 higher compared to last week. Slaughter cow prices were \$1 to \$3 higher while bull prices were steady to \$3 higher compared to the previous week. Lightweight calves were the class of cattle that were riding the struggle bus this week. Stocker buyers are losing some interest locally on purchasing calves as extreme heat and little to no rainfall is decimating pastures and hay fields. There are certainly isolated areas that have experienced rainfall, but many parts of the state are suffering drought. Prices for these freshly weaned cattle are not likely to find much support from July through the end of November. The one factor that will keep prices from completely falling to pieces is the relatively small number of cattle that will be available compared to previous years. Alternatively, cattle feeders are gaining interest in purchasing year-

Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

lings to place on feed, which is timely for July, August and September. There will continue to be a strong run of yearling cattle from the Southeast the next six to eight weeks as producers offload cattle from spring and summer grazing operations. Many of those cattle will be traded near the first week of August as that tends to be a big movement time for cattle in Tennessee. Cattle feeders will be keeping their eyes on live cattle futures and corn futures to determine how much they can pay for those animals. The feeder cattle market is not the only market showing strength. The slaughter cow market continues to be strong as the demand for grinding beef remains strong. The suggestion here is for producers to market any cows that need to be culled from the herd. Prices could remain strong through summer and into the fall months, but historical prices would suggest moving them sooner rather than later.

ASK ANDREW, TN THINK TANK: I attended the Tobacco, Beef and More field day at the Highland Rim Research and Education Center in Springfield this week. The folks that organize and support the field day do a wonderful job, and the speakers they invited, presented some interesting research and

Crop Comments by Dr. Aaron Smith

trials that are beneficial to both cattle and tobacco producers in Tennessee and across the region. I was reminded how somethings have changed very little over the past decade and how many new discoveries are being unsurfaced by faculty and graduate students. A second thing I was reminded of was that one size does not fit all. People, in general, have their experiences and build their belief system off those experiences. However, the results they experienced from some particular production practice does not always translate 100 percent to the experience of someone else who attempts the same thing. Thus, it is beneficial to learn from others, but at the same time, a person must do some trial and error of their own.

Please send questions and comments to <u>agriff14@utk.edu</u> or send a letter to Andrew P. Griffith, University of Tennessee, P.O. Box 160, 1000 Main Entrance Dr., Spring Hill, TN 37174.

FRIDAY'S FUTURES MARKET CLOSING PRICES: Friday's closing prices were as follows: Live/fed cattle –August \$134.60 +2.03; October \$139.98 +1.20; December \$145.78 +0.90; Feeder cattle –August \$174.50 +0.90; September \$177.65 +1.43; October \$180.45 +1.78; November \$182.50 +1.80; July corn closed at \$7.55 up 11 cents from Thursday.

Overview

Corn and soybeans were mixed; cotton and wheat were down for the week.

New crop harvest futures continued to tumble this week. Since June 17, harvest wheat, corn, soybean, and cotton futures are down 19.63%, 16.96%, 9.24%, and 17.59%. Nine trading days with a loss of 10-20% of the harvest futures contract value. Does this mean we are entering a long-term down trend? Not necessarily, there is still too much uncertainty based on weather and geopolitical issues for the 2022 crop to rule

	Previous	Current	Change
USD Index	103.98	104.64	0.67
Crude Oil	107.43	109.74	2.31
DЛА	31,368	31,097	-271

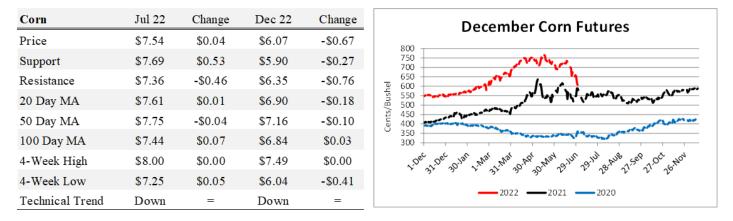
out a price recovery. However, if price protection has not been obtained it is likely that you have missed the top of the preharvest market. Hindsight is 20-20, and there is no use in obsessing over what might have been, but those that missed the opportunity to establish a price floor on 2022 production over the last two months need to develop a reimagined marketing plan moving forward. The focus of the marketing plan needs to be on the investment in the crop (cost of production) and likely revenue outcomes (price offerings, storage, and yield estimates). Outcomes will be operation specific, but producers need to know when they are making or loosing money before they market their crop in the current price environment.

On June 30th, the USDA released the Acreage and Quarterly Grain Stocks report. A detailed analysis of the two reports will be available next week. Corn acres planted were projected at 89.92, down 3.82% compared to last year, but up 0.48% compared to the Prospective Planting report. Winter wheat plantings were projected at 34 million acres, up 1.05% compared to last year, but down 0.68% compared to the Prospective Planting report. Soybean acres planted were reported at 88.23 million, up 1.28% compared to last year, but down 2.98% compared to the Prospective Planting report. Cotton planted acreage was projected at 12.48 million acres, up 10.1% compared to last year, and up 1.97% compared to the Prospective Planting report. Overall, the report indicated slightly more corn and less soybeans than the Prospective Planting report. However, some caution needs to be exerted as these estimates are very likely to be revised in the near future.

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<u>Corn</u>

Ethanol production for the week ending June 24 was 1.051 million barrels per day, down 4,000 from the previous week. Ethanol stocks were 22.746 million barrels, down 730,000 compared to last week. Corn net sales reported by exporters for June 17-23, 2022, were down compared to last week with net sales of 3.5 million bushels for the 2021/22 marketing year – a marketing year low -- and 4.7 million bushels for the 2022/23 marketing year. Exports for the same period were up 9% from last week at 49.4 million bushels. Corn export sales and commitments were 97% of the USDA estimated total exports for the 2021/22 marketing year (September 1 to August 31) compared to the previous 5-year average of 100%. Across Tennessee, average corn basis (cash price-nearby futures price) weakened or remained unchanged at West, Northwest, West-Central, North-Central, and Mississippi River elevators and barge points. Overall, basis for the week ranged from 125 under to 5 over, with an average of 56 under the July futures at elevators and barge points. July 2022 corn futures closed at \$7.54, up 4 cents since last Friday. For the week, July 2022 corn futures traded between \$7.31 and \$7.80. Jul/Sep and Jul/Dec future spreads were -135 and -147 cents.



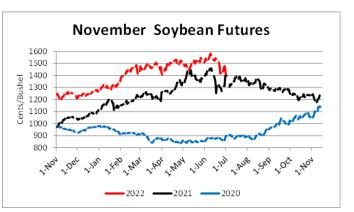
Nationally, the Crop Progress report estimated corn condition at 67% good-to-excellent and 8% poor-to-very-poor; and corn silking at 4% compared to 4% last year and a 5-year average of 4%. In Tennessee, corn condition was estimated at 58% good-to-excellent and 11% poor-to-very poor; and corn silking at 24% compared to 11% last week, 22% last year, and a 5-year average of 31%. September 2022 corn futures closed at \$6.19, down 63 cents since last Friday. New crop cash prices at elevators and barge points ranged from \$5.77 to \$7.54. December 2022 corn futures closed at \$6.07, down 67 cents since last Friday. Down-side price protection could be obtained by purchasing a \$6.10 December 2022 Put Option costing 51 cents establishing a \$5.59 futures floor.

Soybeans

Net sales reported by exporters were down compared to last week with net sales cancellations of 4.4 million bushels for the 2021/22 marketing year and 4.7 million bushels for the 2022/23 marketing year. Exports for the same period were up 5% compared to last week at 19.0 million bushels. Soybean export sales and commitments were 102% of the USDA estimated total annual exports for the 2021/22 marketing year (September 1 to August 31), compared to the previous 5-year average of 101%. Across Tennessee, average soybean basis strengthened or remained unchanged at West, Northwest, West-Central, and Mississippi River elevators and barge points and weakened at North-Central elevators and barge points. Basis ranged from even to 15 over, with an average basis of 2 over the July futures contract. July 2022 soybean futures closed at \$16.26, up 16 cents since last Friday. For the week, July 2022 soybean futures traded between \$15.93 and \$17.02. Jul/Aug and Jul/Nov future spreads were -117 and -231 cents. July 2022 soybean-to-corn price ratio was 2.16 at the end of the week. August 2022 soybean futures closed at \$15.09, down 11 cents since last Friday.

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Soybeans	Jul 22	Change	Nov 22	Change
Price	\$16.26	\$0.16	\$13.95	-\$0.29
Support	\$15.82	\$0.15	\$13.39	-\$0.46
Resistance	\$17.05	\$0.63	\$14.98	\$0.46
20 Day MA	\$16.84	-\$0.15	\$15.02	-\$0.21
50 Day MA	\$16.75	-\$0.03	\$15.03	-\$0.07
100 Day MA	\$16.54	\$0.05	\$14.85	\$0.02
4-Week High	\$17.84	\$0.00	\$15.84	\$0.00
4-Week Low	\$15.83	\$0.00	\$13.91	-\$0.08
Technical Trend	Down	=	Down	=

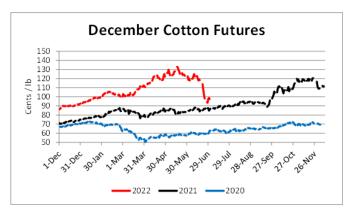


Nationally, the Crop Progress report estimated soybean condition at 65% good-to-excellent and 8% poor-to-very poor; soybeans planted at 98% compared to 94% last week, 99% last year, and a 5-year average of 97%; soybeans emerged at 91% compared to 83% last week, 95% last year, and a 5-year average of 91%; and soybeans blooming at 7% compared to 13% last year and a 5-year average of 11%. In Tennessee, soybean condition was estimated at 56% good-to-excellent and 14% poor-to-very poor; soybeans planted at 93% compared to 86% last week, 91% last year, and a 5-year average of 91%; soybeans emerged at 83% compared to 77% last week, 82% last year, and a 5-year average of 81%; and soybeans blooming at 12% compared to 3% last week, 6% last year, and a 5-year average of 9%. Nov/Dec 2022 soybean-to-corn price ratio was 2.30 at the end of the week. New crop cash soybean prices at elevators and barge points ranged from \$13.60 to \$16.25. November 2022 soybean futures closed at \$13.95, down 29 cents since last Friday. Downside price protection could be achieved by purchasing a \$14.00 November 2022 Put Option which would cost 80 cents and set a \$13.20 futures floor.

Cotton

Net sales reported by exporters were down compared to last week with net sales of 48,100 bales for the 2021/22 marketing year and 46,300 bales for the 2022/23 marketing year. Exports for the same period were down 2% compared to last week at 364,400 bales. Upland cotton export sales were 112% of the USDA estimated total annual exports for the 2021/22 marketing year (August 1 to July 31), compared to the previous 5-year average of 111%. Delta upland cotton spot price quotes for July 1 were 114.38 cents/lb. (41-4-34) and 116.63 cents/lb. (31-3-35). Adjusted world price (AWP) was down 19.83 cents at 116.83 cents. July 2022 cotton futures closed at 103.68 cents, down 0.08 cents since last Friday. For the week, July 2022 cotton futures traded between 100.12 and 109 cents. Jul/Dec and Jul/Mar cotton futures spreads were -6.2 cents and -10.31 cents.

Cotton	Jul 22	Change	Dec 22	Change
Price	103.68	-0.08	97.48	-0.57
Support	100.13	-31.25	93.03	-4.30
Resistance	110.77	-35.43	101.23	-9.65
20 Day MA	130.18	-8.90	111.48	-6.34
50 Day MA	138.16	-3.73	119.33	-2.57
100 Day MA	131.35	-0.77	113.65	-0.36
4-Week High	147.70	0.00	126.00	0.00
4-Week Low	100.00	0.00	91.20	-6.13
Technical Trend	Down	=	Down	=



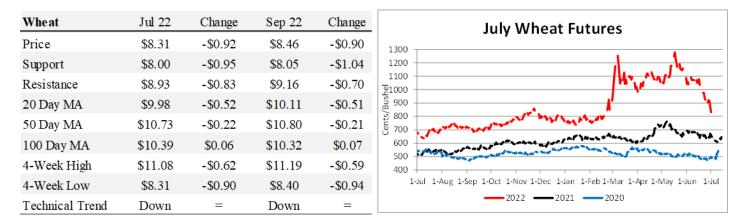
Nationally, the Crop Progress report estimated cotton condition at 37% good-to-excellent and 30% poor-to-very poor; cotton squaring at 33% compared to 22% last week, 30% last year, and a 5-year average of 33%; and cotton setting bolls at 8% compared to 6% last week, 7% last year, and a 5-year average of 7%. In Tennessee, cotton condition was estimated at 46% good-to-excellent and 20% poor-to-very poor; cotton squaring at 33% compared to 25% last week, 30% last year, and a 5-year average of 39%; and cotton setting bolls at 3% compared to 1% last week, 1% last year, and a 5-year average of 2%. December 2022 cotton futures closed at 97.48 cents, down 0.57 cents since last Friday. Downside price protection could be obtained by pur-

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chasing a 98 cent December 2022 Put Option costing 10.02 cents establishing a 87.98 cent futures floor. March 2023 cotton futures closed at 93.37 cents, down 0.15 cents since last Friday.

<u>Wheat</u>

Wheat net sales reported by exporters were up compared to last week at 18.3 million bushels for the 2022/23 marketing year. Exports for the week were down 28% compared to last week at 8.9 million bushels. Wheat export sales were 28% of the USDA estimated total annual exports for the 2022/23 marketing year (June 1 to May 31), compared to the previous 5-year average of 30%. Nationally, the Crop Progress report estimated winter wheat condition at 30% good-to-excellent and 43% poor-to-very poor; winter wheat headed at 95% compared to 91% last week, 98% last year, and a 5-year average of 98%; winter wheat harvested at 41% compared to 25% last week, 31% last year, and a 5-year average of 35%; spring wheat condition at 59% good-to-excellent and 8% poor-to-very poor; spring wheat emerged at 98% compared to 89% last week, 100% last year, and a 5-year average of 99% and spring wheat headed at 8% compared to 45% last year and a 5-year average of 34%. In Tennessee, winter wheat condition was estimated at 59% good-to-excellent and 5% poor-to-very poor; winter wheat mature at 97% compared to 94% last week and 96% last year; and winter wheat harvested at 81% compared to 43% last week, 78% last year, and a 5-year average of 84%. Wheat cash prices at elevators and barge points ranged from \$7.44 to \$8.76. July 2022 wheat futures closed at \$8.31, down 92 cents since last Friday. July 2022 wheat futures traded between \$8.31 and \$9.40 this week. July wheat-to-corn price ratio was 1.1. Jul/Sep and Jul/Dec future spreads were 15 and 31 cents.



September 2022 wheat futures closed at \$8.46, down 90 cents since last Friday. Downside price protection could be obtained by purchasing a \$8.50 September 2022 Put Option costing 56 cents establishing an \$7.94 futures floor. September wheat-to-corn price ratio was 1.37. December 2022 wheat futures closed at \$8.46, down 90 cents since last Friday.

Additional Information:

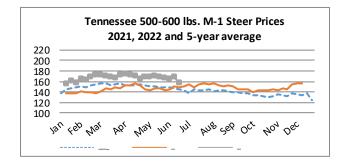
Links for data presented:

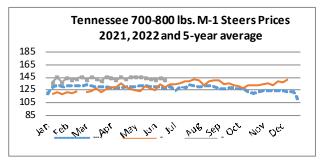
U.S. Export Sales - <u>https://apps.fas.usda.gov/export-sales/esrd1.html</u> USDA FAS: Weekly Export Performance Indicator – <u>https://apps.fas.usda.gov/esrquery/esrpi.aspx</u> EIA: Weekly ethanol Plant Production - <u>https://www.eia.gov/dnav/pet/pet_pnp_wprode_s1_w.htm</u> EIA: Weekly Supply Estimates - <u>https://www.eia.gov/dnav/pet/pet_sum_sndw_a_EPOOXE_sae_mbbl_w.htm</u> Upland Cotton Reports - <u>https://www.fsa.usda.gov/FSA/epasReports?area=home&subject=ecpa&topic=fta-uc</u> Tennessee Crop Progress - <u>https://www.nass.usda.gov/Statistics_by_State/Tennessee/Publications/ Crop_Progress & Condition/</u>

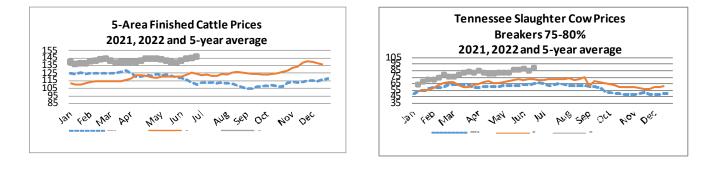
U.S. Crop Progress - <u>http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048</u> USDA AMS: Market News - <u>https://www.ams.usda.gov/market-news/search-market-news</u>

If you would like further information or clarification on topics discussed in the crop comments section or would like to be added to our free email list please contact me at <u>aaron.smith@utk.edu</u>.

Prices Paid to Farmers by Elevators Friday, June 24, 2022Thursday, June 30, 2022					
-	Friday	Monday	Tuesday	– Wednesday	Thursday
	Average	Average	Average	Average	Average
No. 2 Yellow Soybeans			\$/bushel	_	-
Northwest	16.11	16.31	16.69	16.79	16.80
North Central	16.26	16.46	16.79	16.87	16.76
West Central					
West	16.11	16.31	16.64	16.74	16.75
Mississippi River					
Yellow Corn					
Northwest	7.53	7.47	7.62	7.73	7.46
North Central	7.25	7.19	7.35	7.24	6.89
West Central	7.55	7.49	6.60	6.54	6.19
West	7.29	7.15	7.27	7.30	6.99
Mississippi River	7.50	7.44			
Wheat					
Northwest	8.24	8.04	8.21	8.16	7.69
North Central	8.64	8.44	8.61	8.60	8.14
West	8.74	8.54	8.71	8.66	8.19
Mississippi River	8.70	8.50	8.71	8.76	8.25
Cotton			\$/pound		-
 Memphis	116.15-118.40	112.15-114.40	110.39-112.64	113.98-116.23	114.64-116.8







Futures Settlement Prices: Crops & Livestock

Corn: https://www.cmegroup.com/trading/agricultural/grain-and-oilseed/corn.html Soybeans: https://www.cmegroup.com/trading/agricultural/grain-and-oilseed/soybean.html Wheat: https://www.cmegroup.com/trading/agricultural/grain-and-oilseed/wheat.html Soybean Meal: https://www.cmegroup.com/trading/agricultural/grain-and-oilseed/soybean-meal.html Cotton: https://www.theice.com/products/254/Cotton-No-2-Futures/data?marketId=5352193 Live Cattle: https://www.cmegroup.com/trading/agricultural/livestock/live-cattle.html Feeder Cattle: https://www.cmegroup.com/trading/agricultural/livestock/feeder-cattle.html Lean Hogs: https://www.cmegroup.com/trading/agricultural/livestock/lean-hogs.html Class III Milk: https://www.cmegroup.com/trading/agricultural/dairy/class-iii-milk.html

	This Week			Last Week's	Year Ago
	Low	High	Weighted Average		•
			\$/cwt		
Steers: Medium/Larg			.,		
300-400 lbs.	160.00	216.00	193.12	183.94	168.01
400-500 lbs.	148.00	204.00	178.71	175.35	162.11
500-600 lbs.	141.00	181.00	167.19	157.00	150.47
600-700 lbs.	135.00	165.00	155.27	151.91	139.59
700-800 lbs.	136.00	155.00	144.05	139.00	132.83
Steers: Small Frame #	1-2				
300-400 lbs.	155.00	165.00	160.04		143.72
400-500 lbs.	151.00	175.00	166.05		131.25
500-600 lbs.	145.00	155.00	149.36		
600-700 lbs.					
Steers: Medium/Larg	e Frame #3				
300-400 lbs.	145.00	190.00	169.71	162.01	152.37
400-500 lbs.	147.50	180.00	162.89	155.04	144.67
500-600 lbs.	130.00	170.00	148.79	145.02	137.52
600-700 lbs.	136.00	160.00	147.41	132.62	128.41
700-800 lbs.	125.00	130.00	127.66	113.00	120.00
Holstein Steers					
300-400 lbs.					
500-600 lbs.					
700-800 lbs.					
Slaughter Cows & Bul	ls				
Breakers 75-80%	80.00	103.00	92.14	87.36	69.24
Boners 80-85%	71.00	103.00	84.93	84.50	69.05
Lean 85-90%	54.00	95.00	74.11	74.74	60.13
Bulls YG 1	103.00	127.00	113.80	109.31	94.84
Heifers: Medium/Lar	ge Frame #1-2				
300-400 lbs.	130.00	175.00	151.07	158.00	141.64
400-500 lbs.	131.00	168.00	153.40	150.24	136.53
500-600 lbs.	128.00	157.50	145.35	140.52	131.47
600-700 lbs.	120.00	142.50	133.70	132.75	126.45
Heifers: Small Frame	#1-2				
300-400 lbs.	130.00	146.00	138.57		
400-500 lbs.					
500-600 lbs.	114.00	140.00	131.75		
600-700 lbs.	115.00	120.00	117.44		
Heifers: Medium/Lar	ge Frame #2-3				
300-400 lbs.	125.00	162.00	139.05	136.76	130.61
400-500 lbs.	125.00	161.00	142.00	138.13	126.56
500-600 lbs.	125.00	140.00	132.10	129.84	123.28
600-700 lbs.	110.00	133.00	123.87	120.12	112.55

Cattle Receipts This week:5,366

Week ago:5,570

Year ago:4,838

Graded Sales, Video Board Sales, Video Sales & Loads

Lower Middle Tennessee Cattlemen's Association-Video Board Sale-Columbia, TN Weighted Average Report for 7/1/22 For complete report: https://www.ams.usda.gov/mnreports/ams_3340.pdf

East Tennessee Livestock Center Video/Board Sale-Sweetwater, TN

6/29/22 1 load out of 75 steers from BQA certified producer; Est weight 875 lbs.; 95% L&M-1s and 5% L&M-2s; medium flesh; 100% BLK/BWF; \$162.50

Hardin County Stockyard Video Auction - Savannah ,TN Weighted Average Report for 6/29/22 For complete report: https://www.ams.usda.gov/mnreports/ams_3509.pdf

Graded Goat & Sheep Sales

Columbia Graded Sheep and Goat Sale-Columbia, TN Weighted Average Report for 6/27/22 Total Receipts: For complete report: https://www.ams.usda.gov/mnreports/ams_2081.pdf

Department of Agricultural and Resource Economics

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