Tennessee Market Highlights

August 19, 2022 Number: 33

UTEXTENSION INSTITUTE OF AGRICULTURE THE UNIVERSITY OF TENNESSEE

Trends for the Week Compared to a Week Ago

Slaughter Cows

Steady to \$2 higher

Slaughter Bulls

Steady

Feeder Steers

Steady to \$3 higher

Feeder Heifers

Unevenly steady

Feeder Cattle Index: 179.86

Fed Cattle

The 5-area live price on Thursday of \$146.76 was up \$2.42. The dressed price of \$234.03 was up \$4.08.

Corn

September closed at \$6.26 a bushel, down 13 cents since last Friday.

<u>Soybeans</u>

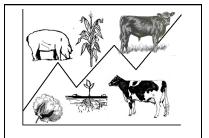
September closed at \$14.88 a bushel, down 47 cents since last Friday.

<u>Wheat</u>

September closed at \$7.55 a bushel, down 51 cents since last Friday.

<u>Cotton</u>

December closed at 116.01 cents per lb., up 7.42 cents since last Friday.



Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded \$2 to \$3 higher compared to last week on a live basis. Prices on a live basis were mainly \$142 to \$143 in the South and \$148 to \$150 in the North while dressed prices were mainly \$234.

The 5-area weighted average prices thru Thursday were \$146.76 live, up \$2.42 compared to last week and \$234.03 dressed, up \$4.08 from a week ago. A year ago, prices were \$125.48 live and \$201.07 dressed.

Nothing has changed from last week or the week before that. The anticipated future reduction in market ready cattle is the driver of the market, which means packers will compete for today's cattle knowing they will be paying higher prices six months from now and even higher prices a year from now. One may figure that beef prices will increase while cattle prices are increasing, but there is no guarantee beef prices will increase at the same rate. There is no certainty in any part of the cattle market, but the closest thing to it is that finished cattle prices will increase. Will they reach record prices and exceed the \$171 record set in November 2014? The answer is that there is a good possibility, but guessing the ceiling would be difficult.

BEEF CUTOUT: At midday Friday, the Choice cutout was \$264.51 up \$0.12 from Thursday and up \$1.19 from a week ago. The Select cutout was \$239.80 up \$0.72 from Thursday and down \$1.61 from last week. The Choice Select spread was \$26.32 compared to \$23.52 a week ago.

Based on the weekly federally inspected beef production values, beef production the first 33 weeks of 2022 totaled 17.57 billion pounds compared to 17.33 billion pounds the same 33 weeks in 2021, which is a 1.4 percent increase year over year. The increase in production in 2022 stems from increased cow slaughter and heifer slaughter. The slaughter of cows and heifers will persist at an increased rate and keep beef production escalated until the drought wanes or until the market runs out of animals. Once the industry moves back to herd expansion mode, beef production will likely decline tremendously. A reduction in production will result in higher boxed beef prices, reduction in beef exports, and an increase in beef imports. What happens with beef prices coupled with physical production constraints will drive how quickly the herd is rebuilt and how high and thus how low beef prices will eventually be three to five years down the road. The point is that beef demand is the driver and how supply is managed will determine prices.

OUTLOOK: Based on Tennessee weekly auction average prices, steer prices were steady \$3 higher compared to last week while heifer prices were unevenly steady compared to a week ago. Slaughter cow prices were steady to \$2 higher compared to a week ago while bull prices were steady compared to the previous week. Optimism blended with considerable uncertainty could lead to a huge pay day, or it could lead to considerable losses if the cattle market turns south. Ninety percent of the fundamentals in the cattle market are pointing toward higher calf and feeder cattle prices. These supporting fundamentals include increased cow slaughter, increased heifer slaughter, and strong international and domestic demand for beef. These three factors will likely result in in higher prices across the cattle complex. However, the timing of price movements is tough to gauge as drought continues to persist in many regions of the country, which continues to influence the number of females that will be in the breeding herd next year. Cattle prices have in-

Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

creased the past few months, and the expectation is that prices will continue to increase. However, the only producers who will be able to take advantage of the situation are those who can afford to keep cattle and feed cattle through the ongoing drought situation. Secondly, some producers who have the forage and feed resources may not find it all that profitable if many of the input prices remain elevated. Thus, who is willing to take the risk and bet on precipitation falling on their pasture and forage being produced? There are likely very few betting on this situation and more betting on things getting worse. This further exacerbates the problem when forage does become plentiful. There are risks worth taking, and there are risks worth avoiding. It is difficult to know which one is appropriate for an operations sitting behind a computer, but a person can do a little figuring to determine the course of action.

The August cattle on feed report for feedlots with a 1000 head or more capacity indicated cattle and calves on feed as of August 1, 2022 totaled 11.22 million head, up 1.4% compared to a year ago, with the pre-report estimate average expecting an increase of 0.8%. July placements in feedlots totaled 1.77 million head, up 1.8% from a year ago with the pre-report estimate average expecting placements down 1.1%. July marketing's totaled 1.83 million head down 3.9% from 2021 with pre-report estimates expecting a 3.4% decrease in marketings. Placements on feed by weight: under 700 pounds up 9.5%, 700 to 899 pounds down 3.4%, 900 pounds and over no change.

ASK ANDREW, TN THINK TANK: A call came in this week suggesting I write more concerning the use of Livestock Risk Protection insurance (LRP). The call to write more on this subject was geared more toward monthly articles I write for other publications. However, I am taking heed of the suggestion and starting now. There is considerable optimism that cattle prices will increase in the near term and some will even think prices will increase indefinitely. I can assure every reader that prices will not increase indefinitely. I can also shed light on the fact that prices may have some temporary declines at times during an increasing market. Thus, it would be prudent for all cattle producers to educate themselves on the use of LRP now and begin thinking how it could be used to protect a certain value for the cattle being produced. For instance, a person could protect a price of \$188 per hundredweight for an 800 pound steer or a total value of \$1,504 at a cost of \$30 per head for a middle of November sell. Similar contracts can be entered for fall weaned calves as well.

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 \$141.60 +0.33; October \$145.25 +0.50; December \$150.98 +0.43; Feeder cattle –August \$181.50 -0.03; September \$184.75 -0.53; October \$186.78 -0.90; November \$188.70 -0.80; September corn closed at \$6.26 up 6 cents from Thursday.

Crop Comments by Dr. Aaron Smith

Overview

Corn, soybeans, and wheat were down; cotton was up for the week.

Corn basis in Tennessee remains exceptionally strong as concerns over the 2022 crop were validated with a USDA estimated average yield for the state of 130 bushel per acre (26% below trendline yield). Production in the state is projected at 119.6 million bushels, 43.6 million bushels less

than last year. Tight reserves and possible quality issues, due to the June-July drought, will keep basis and quality premiums at elevated levels.

November soybean prices have been consolidating near \$14.00. The recent trading range has been between \$12.89 and \$14.89. Anticipated record South American planting has helped quell concerns over limited U.S. ending stocks (estimated at 245 million bushels), however, there remains a great deal of production uncertainty, and global demand for soybean oil and meal remains strong. The next major breakout (up or down) in soybean prices will likely be associated with planting and weather in Brazil and Argentina.

Since August 5, December cotton has moved from 96.13 to 116.01 cents, a 19.88 cent increase in ten trading days. The USDA's August WASDE report estimated abandonment at 5.35 million acres (42.9% of planted acres). If realized, this would be the highest abandonment on record and only the 9th time abandonment has exceeded 20% since 1909. U.S. production is now estimated at 12.57 million bales, based on 7.13 million acres harvested and an average yield of 846 lbs. per acre. As a result, projected U.S. exports were dropped 2 million bales and ending stocks were decreased 600,000 bales to 1.8 million bales. The supply side of the U.S. cotton balance sheet provides tremendous support for higher prices. The December contract could chal-

		Previous	Current	Change	
	USD Index	105.55	108.06	2.51	
	Crude Oil	91.8	90.53	-1.27	
_	DJIA	33,694	33,647	-47	

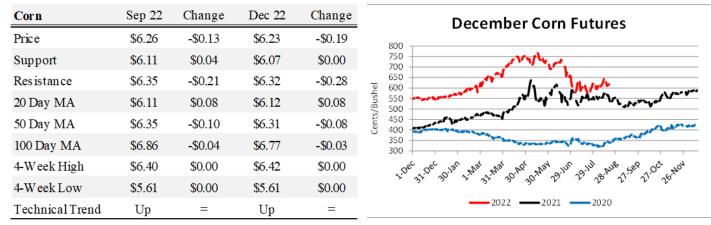
Crop Comments by Dr. Aaron Smith

lenge the contract high of 133.79 cents, on May 17, if harvest weather challenges occur.

This week wheat prices moved sharply lower. The September contract dropped below \$7.50 for the first time since February 3. The July 2023 contract is still near \$8.00. Producers considering planting wheat this fall may want to consider obtaining some downside price protection for the 2023 crop.

<u>Corn</u>

Ethanol production for the week ending August 12 was 0.983 million barrels per day, down 39,000 from the previous week. Ethanol stocks were 23.446 million barrels, up 190,000 compared to last week. Corn net sales reported by exporters for August 5-11, 2022, were up compared to last week with net sales of 3.9 million bushels for the 2021/22 marketing year and 29.5 million bushels for the 2022/23 marketing year. Exports for the same period were down 12% from last week at 24.5 million bushels. Corn export sales and commitments were 100% 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 103%. Across Tennessee, average corn basis (cash price-nearby futures price) strengthened or remained unchanged at Northwest, West-Central, North-Central, and Mississippi River elevators and barge points and weakened at West elevators and barge points. Overall, basis for the week ranged from 10 to 75 over, with an average of 36 over the September futures at elevators and barge points. September 2022 corn futures closed at \$6.26, down 13 cents since last Friday. For the week, September 2022 corn futures traded between \$6.08 and \$6.35. Sep/Dec and Sep/Mar future spreads were -3 and 4 cents.



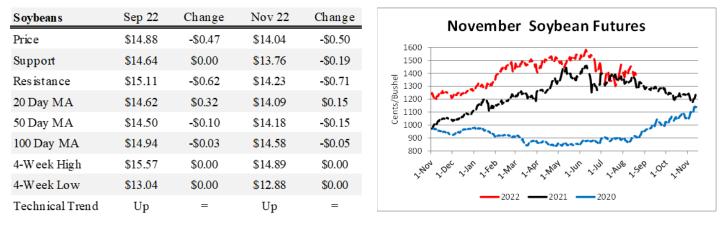
Nationally, the Crop Progress report estimated corn condition at 57% good-to-excellent and 16% poor-to-very-poor; corn silking at 94% compared to 90% last week, 98% last year, and a 5-year average of 97%; corn dough at 62% compared to 45% last week, 71% last year, and a 5-year average of 65%; and corn dented at 16% compared to 6% last week, 20% last year, and a 5year average of 20%. In Tennessee, corn condition was estimated at 33% good-to-excellent and 31% poor-to-very poor; corn silking at 98% compared to 97% last week, 100% last year, and a 5-year average of 100%; corn dough at 87% compared to 78% last week, 88% last year, and a 5-year average of 89%; and corn dented at 44% compared to 32% last week, 56% last year; and a 5-year average of 51%. New crop cash prices at elevators and barge points ranged from \$5.90 to \$6.40. December 2022 corn futures closed at \$6.23, down 19 cents since last Friday. Downside price protection could be obtained by purchasing a \$6.30 December 2022 Put Option costing 42 cents establishing a \$5.88 futures floor. March 2023 corn futures closed at \$6.30, down 19 cents since last Friday.

<u>Soybeans</u>

Net sales reported by exporters were up compared to last week with net sales of 3.6 million bushels for the 2021/22 marketing year and 47.9 million bushels for the 2022/23 marketing year. Exports for the same period were down 23% compared to last week at 25.4 million bushels. Soybean export sales and commitments were 101% 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 104%. Across Tennessee, average soybean basis weakened or remained unchanged at West, Northwest, West-Central, North-Central, and Mississippi River elevators and barge points. Basis ranged from 52 under to 72 over, with an average basis of 2 over the September futures contract. September 2022 soybean futures closed at \$14.88, down 47 cents since last Friday. For the week, September

Crop Comments by Dr. Aaron Smith

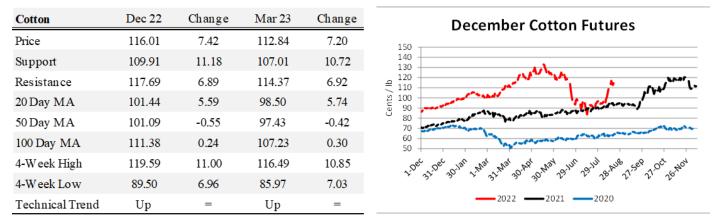
2022 soybean futures traded between \$14.43 and \$15.30. Sep/Nov and Sep/Jan future spreads were -84 and -78 cents. September 2022 soybean-to-corn price ratio was 2.38 at the end of the week.



Nationally, the Crop Progress report estimated soybean condition at 58% good-to-excellent and 12% poor-to-very poor; soybeans blooming at 93% compared to 89% last week, 94% last year, and a 5-year average of 93%; and soybeans setting pods at 74% compared to 61% last week, 80% last year, and a 5-year average of 77%. In Tennessee, soybean condition was estimated at 49% good-to-excellent and 17% poor-to-very poor; soybeans blooming at 92% compared to 86% last week, 90% last year, and a 5-year average of 91%; and soybean setting pods at 70% compared to 59% last week, 72% last year, and a 5-year average of 74%. Nov/Dec 2022 soybean-to-corn price ratio was 2.25 at the end of the week. New crop cash soybean prices at elevators and barge points ranged from \$13.53 to \$14.42. November 2022 soybean futures closed at \$14.04, down 50 cents since last Friday. Downside price protection could be achieved by purchasing a \$14.10 November 2022 Put Option which would cost 57 cents and set a \$13.53 futures floor. January 2023 soybean futures closed at \$14.10, down 50 cents since last Friday.

<u>Cotton</u>

Net sales reported by exporters were down compared to last week with net sales of 49,500 bales for the 2021/22 marketing year and 10,600 bales for the 2022/23 marketing year. Exports for the same period were down 10% compared to last week at 267,400 bales. Upland cotton export sales were 65% 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 49%. Delta upland cotton spot price quotes for August 18 were 126.12 cents/lb. (41-4-34) and 128.37 cents/lb. (31-3-35). Adjusted world price (AWP) was up 13.75 cents at 101.9 cents.



Nationally, the Crop Progress report estimated cotton condition at 34% good-to-excellent and 35% poor-to-very poor; cotton setting bolls at 80% compared to 69% last week, 73% last year, and a 5-year average of 78%; and cotton bolls opening at 15% compared to 9% last week, 9% last year, and a 5-year average of 14%. In Tennessee, cotton condition was estimated at 59% good-to-excellent and 11% poor-to-very poor; cotton setting bolls at 91% compared to 82% last week, 74% last year, and a 5-year average of 86%; and cotton bolls opening at 4% compared to 1% last week, 3% last year, and a 5-year average of 4%. December 2022 cotton futures closed at 116.01 cents, up 7.42 cents since last Friday. For the week, December 2022 cotton fu-

Crop Comments by Dr. Aaron Smith

tures traded between 111.01 and 119.59 cents. Dec/Mar and Dec/May cotton futures spreads were -3.17 cents and -6.12 cents. Downside price protection could be obtained by purchasing a 117 cent December 2022 Put Option costing 11.4 cents establishing a 105.6 cent futures floor. March 2023 cotton futures closed at 112.84 cents, up 7.2 cents since last Friday. May 2023 cotton futures closed at 109.89 cents, up 6.02 cents since last Friday.

<u>Wheat</u>

Wheat net sales reported by exporters were down compared to last week at 7.6 million bushels for the 2022/23 marketing year. Exports for the week were down 43% compared to last week at 12.8 million bushels. Wheat export sales were 40% 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 43%. Nationally, the Crop Progress report estimated winter wheat harvested at 90% compared to 86% last week, 97% last year, and a 5-year average of 94%; spring wheat condition at 64% good-to-excellent and 6% poor-to-very poor; spring wheat harvested at 16% compared to 9% last week, 55% last year, and a 5-year average of 35%. Wheat cash prices at elevators and barge points ranged from \$6.76 to \$8.01. September 2022 wheat futures closed at \$7.55, down 51 cents since last Friday. September 2022 wheat futures traded between \$7.25 and \$8.10 this week. September wheat-to-corn price ratio was 1.21. Sep/Dec and Sep/Jul future spreads were 17 and 43 cents.



December 2022 wheat futures closed at \$7.72, down 50 cents since last Friday. New crop wheat cash prices at elevators and barge points ranged from \$7.13 to \$8.15. July 2023 wheat futures closed at \$7.98, down 44 cents since last Friday. Downside price protection could be obtained by purchasing an \$8.00 July 2023 Put Option costing 92 cents establishing a \$7.08 futures floor.

Additional Information:

Links for data presented:

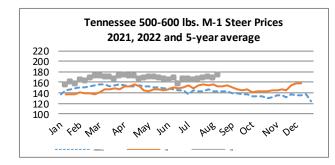
U.S. Export Sales - https://apps.fas.usda.gov/export-sales/esrd1.html

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/</u> <u>Crop_Progress_&_Condition/</u>

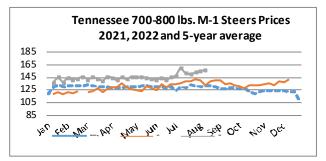
U.S. Crop Progress - <u>http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048</u> USDA AMS: Market News - <u>https://www.ams.usda.gov/market-news/search-market-news</u>

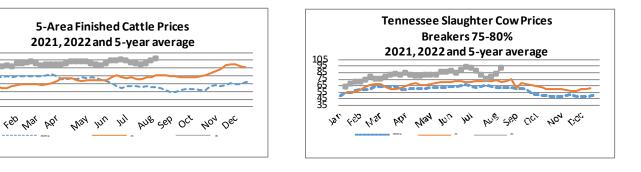
If you would like further information or clarification on topics discussed in the crop comments section or would like to be added to our free email list please contact me at <u>aaron.smith@utk.edu</u>.

Prices Paid to Farmers by Elevators								
Friday, August 12, 2022Thursday, August 18, 2022								
	Friday	Monday	Tuesday	Wednesday	Thursday			
	Average	Average	Average	Average	Average			
No. 2 Yellow Soybeans	\$/bushel\$							
Northwest	15.19							
North Central	15.99	15.57	15.26	15.35	15.50			
West Central								
West	14.93	14.51	14.20	14.29	14.44			
Mississippi River								
Yellow Corn								
Northwest	6.90	7.02	6.86	6.90	6.95			
North Central	6.50	6.37	6.21	6.25	6.30			
West Central								
West	6.73	6.60	6.44	6.48	6.52			
Mississippi River	6.67	6.54	6.38	6.42	6.47			
Wheat								
Northwest	7.51	7.46	7.31	7.08	6.77			
North Central	8.06	8.01	7.86	7.63	7.32			
West	7.71	7.66	7.51	7.28	6.97			
Mississippi River	8.03	8.00	7.85	7.66	7.39			
Cotton	\$/pound\$							
Memphis	123.44-125.69	128.44-130.69	131.25-133.50	127.32-129.57	126.12-128.3			



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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/live-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		k Auctions for the wee	Last Week's	Year Ago
	Low	High	Weighted Average		Weighted Average
-		-	\$/cwt		
Steers: Medium/Large	e Frame #1-2				
300-400 lbs.	170.00	205.00	193.04	187.01	165.60
400-500 lbs.	166.00	195.00	183.78	180.58	159.04
500-600 lbs.	157.50	197.00	174.15	168.40	152.71
600-700 lbs.	145.00	182.00	165.87	164.40	144.16
700-800 lbs.	140.00	164.00	155.87	153.00	131.46
Steers: Small Frame #	1-2				
300-400 lbs.					
400-500 lbs.					
500-600 lbs.	140.00	150.00	146.67		126.65
600-700 lbs.					
Steers: Medium/Large	e Frame #3				
300-400 lbs.	140.00	192.50	168.12	167.65	150.85
400-500 lbs.	140.00	180.00	160.46	165.00	141.41
500-600 lbs.	140.00	165.00	152.54	150.26	133.49
600-700 lbs.	138.00	160.00	146.52	144.30	126.10
700-800 lbs.	120.00	140.00	130.00	135.50	122.12
Holstein Steers					
300-400 lbs.					
500-600 lbs.					
700-800 lbs.					
Slaughter Cows & Bul	ls				
Breakers 75-80%	72.00	99.50	90.82	82.67	68.40
Boners 80-85%	65.00	99.00	86.01	79.44	67.37
Lean 85-90%	55.00	87.00	73.78	68.60	61.26
Bulls YG 1	95.00	129.00	116.81	108.72	96.63
Heifers: Medium/Larg	ge Frame #1-2				
300-400 lbs.	150.00	180.00	162.36	162.19	139.64
400-500 lbs.	148.00	172.50	158.21	156.86	139.87
500-600 lbs.	133.00	162.50	151.59	147.97	133.23
600-700 lbs.	129.00	159.00	141.38	141.61	128.14
Heifers: Small Frame	#1-2				
300-400 lbs.					131.07
400-500 lbs.				139.39	131.82
500-600 lbs.					106.95
600-700 lbs.					
Heifers: Medium/Larg	ge Frame #2-3				
300-400 lbs.	130.00	159.00	145.67	139.08	
400-500 lbs.	125.00	162.50	145.94	141.51	101.00
500-600 lbs.	125.00	147.50	138.73	134.95	
600-700 lbs.	117.00	136.00	132.54	128.80	

Cattle Receipts

This week:4,020

Week ago:6,250

Year ago:5,503

Graded Sales, Video Board Sales, Video Sales & Loads

East Tennessee Livestock Center Video Sale -

Sweetwater, TN

8/10/22

1 load out of 74 steers from BQA certified producer; Est weight 850 lbs.; 90% L&M-1s and 10% L&M-2s; medium grass flesh; 95% BLK/BWF & 5% ChaX/Red; \$165.50

Dickson Regional Livestock Center - Dickson, TN

8/15/22 59 Steers, 853 Lbs., M&L 1&2, 43-Black/BWF 10-Red/RWF 6-ChX, 5 Flesh, \$170.00

Browning Livestock Market Video/Internet Auction -Lafayette, TN

Weighted Average Report for 8/17/22 For complete report: https://www.ams.usda.gov/mnreports/ams_3467.pdf

Hardin County Stockyard - Savannah, TN 8/17/22

70 Steers, 718 lbs., M&L 1, 23-Black/BWF 43-Red/RWF 4-ChX, 5 Flesh, \$174.00

Department of Agricultural and Resource Economics

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