Tennessee Market Highlights

UTEXTENSION INSTITUTE OF AGRICULTURE THE UNIVERSITY OF TENNESSEE March 4, 2022

Number: 9

Trends for the Week Compared to a Week Ago

Slaughter Cows

\$1 to \$2 higher

Slaughter Bulls

steady to \$2 higher

Feeder Steers

steady to \$2 higher

Feeder Heifers

steady

Feeder Cattle Index: 157.78

Fed Cattle

The 5-area live price on Thursday of \$140.76 was down \$2.64. The dressed price of \$224.62 was down \$2.40.

Corn

May closed at \$7.54 a bushel, up 99 cents since last Friday.

<u>Soybeans</u>

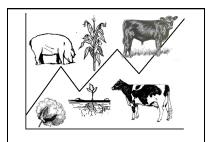
May closed at \$16.60 a bushel, up 76 cents since last Friday.

<u>Wheat</u>

May closed at \$12.09 a bushel, up 350 cents since last Friday.

<u>Cotton</u>

May closed at 116.42 cents per lb, down 2.21 cents since last Friday.



Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded \$2 to \$3 lower compared to last week on a live basis. Prices on a live basis primarily ranged from \$140 to \$142 while dressed prices were mainly \$224 to \$226.

The 5-area weighted average prices thru Thursday were \$140.76 live, down \$2.64 compared to last week and \$224.62 dressed, down \$2.40 from a week ago. A year ago, prices were \$113.76 live and \$179.79 dressed.

Finished cattle prices were hit hard this week with large losses. Despite the price decline, finished cattle prices remain strong relative to the past 12 months. Cattle feeders will be looking to push prices higher next week, but it may be difficult if the world's political climate remains heated. The positive aspect is that live cattle futures traders continue to have live cattle priced in the mid 130's throughout the summer months, which means a longer period of price support. The strong live cattle futures prices for summer are providing cattle feeders an opportunity to hedge cattle at profitable levels. However, some cattle feeders may be simply betting prices will continue to escalate given shorter feeder cattle supplies.

BEEF CUTOUT: At midday Friday, the Choice cutout was \$259.77 down \$0.38 from Thursday and down \$5.80 from a week ago. The Select cutout was \$246.95 down \$0.84 from Thursday and down \$8.78 from last week. The Choice Select spread was \$7.02 compared to \$4.04 a week ago.

Consumers desire different attributes in beef, and not all consumers are looking for grain finished beef as is most common in United States production systems. One attribute that has become a constant is grass fed beef. Grass fed beef prices tend to bring a premium compared to grain finished beef. For instance, the wholesale price of a grass fed whole boneless ribeye in February was nearly \$26 per pound compared to about \$8 per pound for grain finished beef. Similarly, grass fed chuck roll prices were a little over \$12 per pound in February while traditionally produced chuck roll prices were between \$3 and \$4 per pound. The price relationship in today's market is one of the widest ever seen when comparing grass fed beef to more traditionally produced beef. In early 2021, grass fed beef prices were only twice as much as conventional beef compared to it being three times the price in today's market. Additionally, this price relationship is not constant across all cuts of beef as some grass fed beef cuts are not in as high demand as others.

OUTLOOK: Based on Tennessee weekly auction market reports, steer prices this week were steady to \$2 higher compared to a week ago while heifer prices were steady compared to last week. Slaughter cow prices were \$1 to \$2 higher while bull prices were mostly steady to \$2 higher compared to the previous week. The number of cattle marketed at weekly auctions was fairly light. Some of this may have been due to weekend rain keeping trailers out of pastures, but the better guess was the concern that the Russia-Ukraine crisis may greatly influence prices. The crisis in Eastern Europe and Asia has certainly influenced feeder cattle futures trading as volatility has increased. However, the impact on the cash price of calves did not appear to be as evident. Attempting to guess why buyers in the cash market reacted slightly different than those in the futures market is difficult. However, maybe local cattle buyers did not react differently in that they did not bid as high on cattle as they would have had the crisis not been part of their decision making. The calf market would seasonally be

Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

strengthening this time of year, which may mean prices could have pushed even higher this week had there not been political distress across the world. No matter what the reason was, calf prices are expected to continue increasing in coming weeks as demand for grass cattle continues to strengthen. From the feeder cattle perspective, cash prices will follow the futures market much more closely as cattle that are placed this time of year tend to come off feed when live cattle are seasonally soft. For producers considering price risk management, the advice is to not make any rash decision at this point. There is no guarantee in which way prices will move, but cattle fundamentals support cattle prices moving back toward their contract highs. This could be tempered if corn prices remain elevated, but prices will likely move higher in coming weeks.

ASK ANDREW, TN THINK TANK: Two very practical questions were received this week. The first was how is the beef cutout price calculated? The boxed beef cutout value is a value USDA calculates to represent the gross value of a beef carcass based on prices paid for individual beef items derived from the carcass. Thus, USDA estimates what percentage of the carcass eat cut comprises and then uses actual prices paid for those cuts to make a weighted average price which is the boxed beef cutout price. The second question had to do with what the record quantity and value of beef exports in 2021 really means to the domestic cattle industry. The question was slightly more technical than this. However, the basic concept is that trading beef internationally provides a broader demand for domestically produced product. The more product that is moved, the more price is supported. From a value standpoint, it is all predicated on the price of beef, which is influenced by total demand for beef. This simply means eat more beef to support prices.

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 –April \$135.78 -2.58; June \$132.53 -2.63; August \$134.15 -1.50; Feeder cattle –March \$153.13 -3.23; April \$157.25 -3.28; May \$162.35 -3.15; August \$176.10 -2.63; March corn closed at \$7.57 up 5 cents from Thursday.

Crop Comments by Dr. Aaron Smith

Overview

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

Wheat futures prices exploded to the upside this week. On Monday, the May contract was up 74 ¼ cents, Tuesday up 50 cents, Wednesday up 75 cents, Thursday up 75 cents, and Friday up 75 cents. \$3.49 ¼ in one week or a 40.6% increase in price. The Friday closing price of \$12.09 was the highest since March 2008.

The Ukraine-Russia war has been the catalyst for the explosion in wheat prices, however the foundation was set through several events that caused limited exportable global supplies. Ukraine is estimated to contribute 4.3% of global wheat production, 11.6% of global wheat exports, and less than 1% of global ending stocks. Russia is estimated to contribute 9.7% of global wheat production, 16.9% of exports, and 3.8% of

		Previous	Current	Change
,	USD Index	96.62	98.59	1.97
	Crude Oil	91.59	115.28	23.69
	DJIA	34,059	33,431	-628

global stocks. The two countries are responsible for 28.5% of global wheat exports – a substantial amount with a great deal of uncertainty moving forward.

Reduced wheat supplies in North America due to severe drought in Canada and the U.S. Northern Plains, in 2021, have lowered the amount of wheat available for export in the region. Additionally, dry weather in Argentina this year and Australia's drought in 2018/19 and 2019/20 have caused export supplies to be tight. Reduced exportable stocks positioned wheat markets to be more susceptible to supply disruptions.

The conflict has two major potential disruptions for wheat markets. First, logistical and infrastructure disruptions. Black Sea ports have been largely shut down and are likely to remain closed as long as the conflict persists. Additionally, the condition of the grain handling infrastructure, both inland and ports, will need to be assessed before exports are to resume. This will likely result in major infrastructure rebuilds and repairs which could hamper global market access for many months/years. The second major concern is production disruptions. The conflict could impact winter wheat harvest and spring planting. Production restrictions could tighten global export supplies substantially. Impacts from both infrastructure/logistical and production disruptions are highly uncertain.

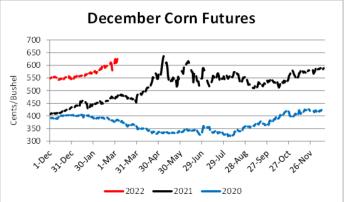
Crop Comments by Dr. Aaron Smith

Producers best course of action is to optimize use of crop insurance and utilize marketing tools to protect the downside or secure sales when opportunities are presented.

Corn

Ethanol production for the week ending February 25 was 0.997 million barrels per day, down 27,000 from the previous week. Ethanol stocks were 24.933 million barrels, down 0.574 million compared to last week. Corn net sales reported by exporters for February 18-24, 2022, were down compared to last week with net sales of 19.1 million bushels for the 2021/22 marketing year and 8.8 million bushels for the 2022/23 marketing year. Exports for the same period were down 18% from last week at 61.1 million bushels. Corn export sales and commitments were 78% 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 76%. Across Tennessee, average corn basis (cash price-nearby futures price) strengthened or remained unchanged at West and Mississippi River elevators and barge points and weakened at Northwest, West-Central, and North-Central elevators and barge points. Overall, basis for the week ranged from 15 under to 48 over, with an average of 18 over the May futures at elevators and barge points. May 2022 corn futures closed at \$7.54, up 99 cents since last Friday. For the week, May 2022 corn futures traded between \$6.73 and \$7.82. May/Jul and May/ Dec future spreads were -33 and -125 cents. July 2022 corn futures closed at \$7.21, up 77 cents since last Friday.

Corn	May 22	Change	Dec 22	Change
Price	\$7.54	\$0.99	\$6.29	\$0.50
Support	\$7.05	\$0.81	\$5.94	\$0.40
Resistance	\$7.81	\$0.64	\$6.42	\$0.18
20 Day MA	\$6.70	\$0.25	\$5.98	\$0.11
50 Day MA	\$6.34	\$0.14	\$5.75	\$0.07
100 Day MA	\$6.04	\$0.09	\$5.60	\$0.05
4-Week High	\$7.82	\$0.66	\$6.47	\$0.01
4-Week Low	\$6.26	\$0.16	\$5.76	\$0.12
Technical Trend	Up	=	Up	=



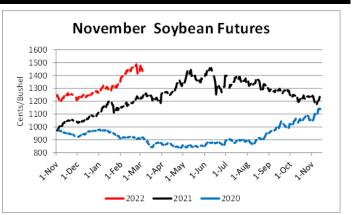
New crop cash prices at elevators and barge points ranged from \$5.72 to \$6.31. December 2022 corn futures closed at \$6.29, up 50 cents since last Friday. Downside price protection could be obtained by purchasing a \$6.30 December 2022 Put Option costing 75 cents establishing a \$5.55 futures floor.

Soybeans

Net sales reported by exporters were up compared to last week with net sales of 31.5 million bushels for the 2021/22 marketing year and 50.9 million bushes for the 2022/23 marketing year. Exports for the same period were down 40% compared to last week at 27.6 million bushels. Soybean export sales and commitments were 90% 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 87%. Across Tennessee, average soybean basis strengthened or remained unchanged at West and Mississippi River elevators and barge points and weakened at Northwest, West-Central, and North-Central elevators and barge points. Basis ranged from 8 under to 48 over, with an average basis of 17 over the May futures contract. May 2022 soybean futures closed at \$16.60, up 76 cents since last Friday. For the week, May 2022 soybean futures traded between \$16.13 and \$16.99. May/Jul and May/Nov future spreads were -27 and -210 cents. May 2022 soybean-to-corn price ratio was 2.20 at the end of the week. July 2022 soybean futures closed at \$16.33, up 60 cents since last Friday.

Crop Comments by Dr. Aaron Smith

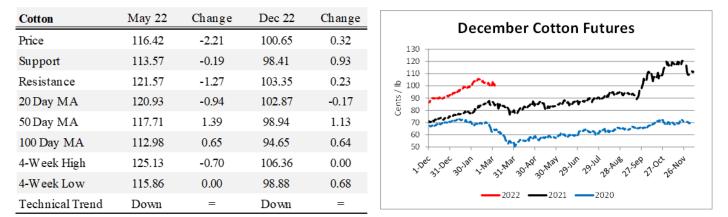
Soybeans	May 22	Change	Nov 22	Change
Price	\$16.60	\$0.76	\$14.50	\$0.35
Support	\$16.07	\$0.87	\$13.98	\$0.43
Resistance	\$17.15	\$0.13	\$14.93	-\$0.16
20 Day MA	\$16.12	\$0.35	\$14.44	\$0.19
50 Day MA	\$14.93	\$0.37	\$13.64	\$0.21
100 Day MA	\$13.79	\$0.20	\$12.99	\$0.10
4-Week High	\$17.59	\$0.00	\$15.55	\$0.00
4-Week Low	\$15.46	\$1.44	\$14.00	\$0.92
Technical Trend	Up	=	Up	=



Nov/Dec 2022 soybean-to-corn price ratio was 2.31 at the end of the week. New crop cash soybean prices at elevators and barge points ranged from \$14.12 to \$15.07. November 2022 soybean futures closed at \$14.50, up 35 cents since last Friday. Downside price protection could be achieved by purchasing a \$14.60 November 2022 Put Option which would cost 130 cents and set a \$13.30 futures floor.

Cotton

Net sales reported by exporters were down compared to last week with net sales of 348,600 bales for the 2021/22 marketing year and 105,200 bales for the 2022/23 marketing year. Exports for the same period were down 6% compared to last week at 354,100 bales. Upland cotton export sales were 93% 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 90%. Delta upland cotton spot price quotes for March 3 were 120.8 cents/lb (41-4-34) and 123.05 cents/lb (31-3-35). Adjusted world price decreased 1.03 cents to 112.71 cents. May 2022 cotton futures closed at 116.42 cents, down 2.21 cents since last Friday. For the week, May 2022 cotton futures traded between 116.15 and 123.31 cents. May/Jul and May/Dec cotton futures spreads were -3.31 cents and -15.77 cents. July 2022 cotton futures closed at 113.11 cents, down 2.23 cents since last Friday.



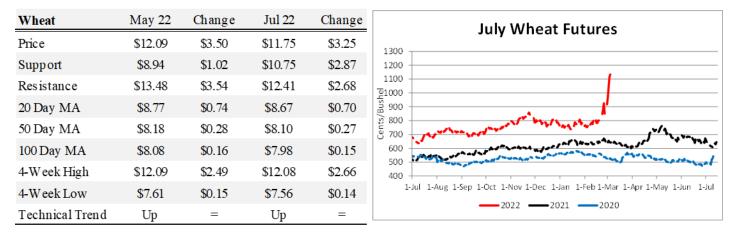
December 2022 cotton futures closed at 100.65 cents, up 0.32 cents since last Friday. Downside price protection could be obtained by purchasing a 101 cent December 2022 Put Option costing 9.1 cents establishing a 91.9 cent futures floor.

<u>Wheat</u>

Wheat net sales reported by exporters were down compared to last week with net sales of 11.0 million bushels for the 2021/22 marketing year and 2.6 million bushels for the 2022/23 marketing year. Exports for the same period were down 33% from last week at 13.4 million bushels. Wheat export sales were 84% of the USDA estimated total annual exports for the 2021/22 marketing year (June 1 to May 31), compared to the previous 5-year average of 94%. Wheat cash prices at elevators and barge points ranged from \$9.54 to \$11.54. May 2022 wheat futures closed at \$12.09, up 350 cents since last Friday. May 2022 wheat

Crop Comments by Dr. Aaron Smith

futures traded between \$8.85 and \$12.09 this week. May wheat-to-corn price ratio was 1.60. May/Jul and May/Sep future spreads were -34 and -146 cents.



New crop wheat cash prices at elevators and barge points ranged from \$8.85 to \$11.06. July 2022 wheat futures closed at \$11.75, up 325 cents since last Friday. Downside price protection could be obtained by purchasing an \$11.80 July 2022 Put Option costing 173 cents establishing a \$10.07 futures floor. September 2022 wheat futures closed at \$10.63, up 224 cents since last Friday.

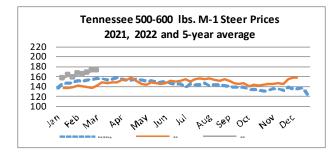
Additional Information:

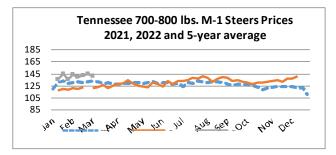
Links for data presented: U.S. Export Sales - <u>https://apps.fas.usda.gov/export-sales/esrd1.html</u> USDA FAS: Weekly Export Performance Indicator – <u>https://apps.fas.usda.gov/esrquery/esrpi.aspx</u> EIA: Weekly ethanol Plant Production - <u>https://www.eia.gov/dnav/pet/pet_pnp_wprode_s1_w.htm</u> 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/</u> <u>Crop_Progress_& Condition/</u>

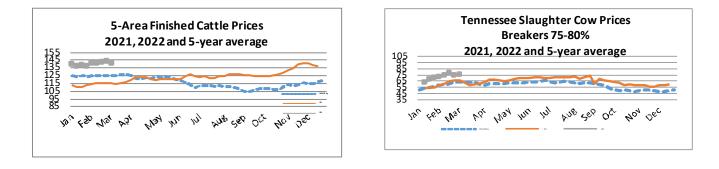
U.S. Crop Progress - <u>http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048</u> USDA AMS: Market News - <u>https://www.ams.usda.gov/market-news/search-market-news</u>

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, February 25, 2022Thursday, March 3, 2022 Friday Monday Tuesday Wednesday Thursday					
	Average	Monday Average	Tuesday Average	Wednesday Average	Average	
No. 2 Yellow Soybeans			\$/bushel		-	
Northwest	15.78	16.32	16.93	16.65	16.59	
North Central	15.95	16.52	17.05	16.78	16.73	
West Central	15.95	16.42	16.95	16.68	16.73	
West	16.25	16.76	17.38	17.09	17.14	
Mississippi River	16.18	16.75	17.30	17.04	17.03	
Yellow Corn						
Northwest	6.61	6.96	7.38	7.35	7.47	
North Central	6.55	6.81	7.11	7.10	7.33	
West Central	6.83	7.14	7.49	7.40	7.63	
West	6.93	7.28	7.70	7.70	7.95	
Mississippi River	6.88	7.25	7.64	7.68	7.89	
Wheat						
Northwest						
North Central	8.83	9.54	10.04	10.79	11.54	
West						
Vississippi River						
Cotton	\$/pound\$					
Memphis	119.63-121.88	120.12-122.37	123.75-126.00	119.54-121.79	120.80-123.0	







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			Last Week's	Year Ago
	Low	High	Weighted Average	Weighted Average	Weighted Average
			\$/cwt		
Steers: Medium/Larg	e Frame #1-2				
300-400 lbs	182.50	222.50	199.60	195.50	163.60
400-500 lbs	158.00	212.00	186.94	187.81	156.89
500-600 lbs	140.00	195.00	171.77	171.97	140.73
600-700 lbs	135.00	167.00	154.61	156.42	130.77
700-800 lbs	125.00	157.00	140.20	144.78	120.27
Steers: Small Frame #	1-2				
300-400 lbs	150.00	192.50	175.92	163.75	146.66
400-500 lbs	161.00	182.50	174.07		145.81
500-600 lbs					
600-700 lbs					93.07
Steers: Medium/Large	e Frame #3				
300-400 lbs	135.00	190.00	175.63	176.94	148.47
400-500 lbs	157.50	185.00	172.21	168.57	142.47
500-600 lbs	125.00	174.00	155.06	155.95	126.93
600-700 lbs	125.00	166.00	141.07	139.78	118.91
700-800 lbs	120.00	140.00	132.07	132.79	108.41
Holstein Steers					
300-400 lbs					
500-600 lbs					
700-800 lbs					
Slaughter Cows & Bul	ls				
Breakers 75-80%	68.00	80.00	74.74	73.68	65.80
Boners 80-85%	62.00	85.00	71.55	71.91	63.62
Lean 85-90%	52.00	75.00	60.13	62.04	54.36
Bulls YG 1	83.00	108.00	97.74	99.01	92.73
Heifers: Medium/Lar	ge Frame #1-2				
300-400 lbs	130.00	175.00	160.42	157.78	133.89
400-500 lbs	130.00	166.00	152.82	153.83	131.11
500-600 lbs	120.00	160.00	143.97	147.34	120.82
600-700 lbs	125.00	143.50	133.64	137.22	111.23
Heifers: Small Frame	#1-2				
300-400 lbs	130.00	152.50	145.67		123.51
400-500 lbs	135.00	143.00	141.59	127.77	116.25
500-600 lbs	122.50	132.50	127.50	126.64	
600-700 lbs					
Heifers: Medium/Lar	ge Frame #2-3				
300-400 lbs	127.50	152.50	145.65	141.47	127.03
400-500 lbs	120.00	152.00	142.39	138.91	119.55
500-600 lbs	125.00	145.00	134.85	134.13	108.96
600-700 lbs	120.00	130.00	123.74	127.36	103.41

Cattle Receipts This week:5,536

Week ago:8,761

Year ago:4,875

Graded Sales, Video Board Sales, Video Sales & Loads

East Tennessee Livestock Center Video Sale-Sweetwater, TN 3/2/22

1 load out of 105 steers from BQA certified producer; Est weight 860 lbs.; 95% L&M-1s and 5% L&M-2s; medium flesh; 100% BLK/BWF; \$153.00

Hardin County Stockyard-Savannah, TN

3/3/22 79 Steers, 633 lbs,, M&L 1&2, 46-Black/BWF, 17-ChX, 16-Red/ RWF, 4-5 Flesh, \$168.75 69 Steers, 737 lbs., M&L 1&2, 54-Black/BWF, 14-ChX, 1-Red, 5 Flesh, \$157.10 62 Steers, 834 lbs., M&L 1&2, 56-Black/BWF, 4-ChX, 2-Red/ RWF, 5 Flesh, \$146.50 65 Steers, 877 lbs., 59-Black/BWF, 4-ChX, 2-Red/RWF, 5-6 Flesh, \$145.25 For complete report: https://www.ams.usda.gov/mnreports/ams_2068.pdf

Hodge Livestock Network-March 3, 2022

1 load of heifers; est. wt. 775 lbs. Range 700-850 lbs.; Approx. 80% Black & BWF and 20% Char-X; 80% #1s and 20% #1 ½; 75% Medium and 25% Large; Medium grass flesh; \$138.00

1 load of heifers; est. wt. 775 lbs. Range 700-850 lbs.; Approx. 80% Black & BWF, 20% Char-X and 1 Red; 80% #1s and 20% #1 ½; 75% Medium and 25% Large; Medium flesh; \$137.00

1 load of steers; est. wt. 800 lbs. Range 700-900 lbs.; Approx. 70% Black & BWF, 20% Char-X, and 10% Reds; 70% #1s and 20% #1 ½, and 10% good #2's; 80% Medium and 20% Large; Light Medium to Medium flesh; \$144.00

1 load of heifers; est. wt. 700 lbs. Range 600-800 lbs.; Approx. 70% Black & BWF, and 20% Char-X, and 10% Reds, 4 to 5 very light ear; 70% #1s and 20% #1 ½, and 10% good #2's; 80% Medium and 20% Large; Light Medium to Medium; \$133.75

Warren Co. Livestock Graded Sale-McMinnville, TN 3/3/22 Total Receipts: 1,034 For complete report: https://www.ams.usda.gov/mnreports/ams_2079.pdf

Graded Sales, Video Board Sales, Video Sales & Loads

Lower Middle Tennessee Cattlemen's Association-Video Board Sale-Columbia, TN Weighted Average Report for 3/4/22 For complete report: https://www.ams.usda.gov/mnreports/ams_3340.pdf

Graded Goat & Sheep Sales

Columbia Graded Sheep and Goat Sale-Columbia, TN Weighted Average Report for 2/28/22 Total Receipts: 600 For complete report: https://www.ams.usda.gov/mnreports/ams_2081.pdf

Department of Agricultural and Resource Economics

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