Tennessee Market Highlights

UTEXTENSION INSTITUTE OF AGRICULTURE THE UNIVERSITY OF TENNESSEE July 16, 2021

Number: 28

Trends for the Week Compared to a Week Ago

Slaughter Cows

steady to \$2 lower

Slaughter Bulls

\$5 higher

Feeder Steers

\$4 to \$7 higher

Feeder Heifers

\$5 to \$7 higher

Feeder Cattle Index: 152.35

Fed Cattle

The 5-area live price on Thursday of \$122.80 was up \$0.79. The dressed price of \$197.75 was down \$0.73.

<u>Corn</u>

September closed at \$5.56 a bushel, up 27 cents since last Friday.

<u>Soybeans</u>

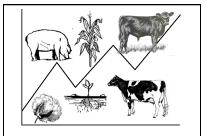
August closed at \$14.54 a bushel, up 75 cents since last Friday.

<u>Wheat</u>

September closed at \$6.92 a bushel, up 77 cents since last Friday.

<u>Cotton</u>

December closed at 89.93 cents per lb, up 2.22 cents since last Friday.



Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded steady to \$1 higher compared to last week. Prices on a live basis were primarily \$122 to \$123 while dressed prices were mostly \$197 to \$198.

The 5-area weighted average prices thru Thursday were \$122.80 live, up \$0.79 compared to last week and \$197.75 dressed, down \$0.73 from a week ago. A year ago, prices were \$96.32 live and \$157.58 dressed.

After last week's divergence between cattle prices in the North and the South, prices converged this week. Cattle feeders have found firm footing at current market prices and are trading cattle with a positive basis relative to the August live cattle contract. Fall, winter, and spring live cattle contracts are pricing in strong gains moving forward with the December market expected to be \$11 higher than the August market and the April market an additional \$7 higher than December. These price expectations are pushing feeder cattle prices higher as cattle feeders compete for inventory to fill pens. However, it is important for cattle feeders to consider their risk management strategies to protect the downside and have flexibility for upside movement.

BEEF CUTOUT: At midday Friday, the Choice cutout was \$267.63 down \$2.24 from Thursday and down \$11.93 from a week ago. The Select cutout was \$252.05 down \$0.43 from Thursday and down \$6.46 from last week. The Choice Select spread was \$15.58 compared to \$21.05 a week ago.

In five weeks, the Choice boxed beef cutout value has declined \$72 per hundredweight while Select beef prices have declined \$61 over the same time period. Current prices represent the lowest prices since the beginning of April, and prices are likely to continue eroding the next several weeks. The peak of summer beef demand is behind the market, and beef supply will be ample moving through the end of summer. Consumers are sure to continue purchasing beef items to grill, but beef movement in late summer is much slower than the early holiday purchases. The composite Choice beef price may move back to the \$220 to \$230 price range by the middle of August and then settle there for a while. The primary factor that could influence these expectations is the export market. As wholesale prices decline, exports could see further increases as the world market demands high quality beef. Increasing trade to Mexico and Canada may also be a factor as the South Korean, Japanese, and Chinese markets are displaying considerable strength.

OUTLOOK: Based on Tennessee weekly auction market data, steer prices were \$4 to \$7 higher compared to a week ago while heifer prices were \$5 to \$7 higher compared to last week. Slaughter cow prices were steady to \$2 lower while slaughter bull prices were \$5 higher compared to the previous week. In the last week to ten days, the feeder cattle market has made some major moves to close the gap between the cash market and the futures market. The movement has been in a stronger local cash market compared to feeder cattle futures that have moved very little. The stronger cash prices have narrowed the basis, which is a positive thing for those managing price risk and even better for those who never made any price risk management moves. The fall and spring feeder cattle futures contracts are predicting even higher prices than the current market with the fall contracts \$4 to \$5 higher than August and the spring contracts \$7 to \$8 higher than August. The reason for the higher prices is based on the expectation of a smaller calf crop in

Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

2021, which is based on greater cow slaughter, heifer slaughter, and expected heifer retention. The picture on the calf crop will become clearer when the July 1 Inventory report is released. However, it does not take a mathematician to calculate the increase in cow slaughter, nor does it take a skilled meteorologist to know most of the Northern Plains and the Western United States are in severe drought. All of these factors will squeeze cattle supply, which should push prices higher than where they are today. That does not mean the futures market has the correct prices factored into the deferred contracts as feed prices and beef demand can greatly influence feeder cattle prices. Despite not knowing the exact price level, the market is set up to benefit the cattle producer the next couple of years as leverage will shift to cattle feeders instead of staying with the packing industry.

ASK ANDREW, TN THINK TANK: Is it worth it? This is a question that is asked in nearly every aspect of life, but it becomes an even more common question when operating a business. Cattle producers ask this question when considering fertilization of pasture and hay ground, providing an animal health program, castrating bull calves, making the decision to wean and precondition the calf crop, and when making nearly any

major purchase of equipment or land. This is an important question, and it would be concerning if a cattle producer did not ask this question. However, the question must be answered, and many people do not do their due diligence in answering the question. The financial side of this question primarily relates to the return on investment, internal rate of return, or net present value of the investment. In short, does the investment have a positive return relative to its cost, and how long does it take to achieve a positive return? Producers should take the time to determine if an investment is worth it, but that does not mean it is the only consideration.

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 \$120.18 -0.95; October \$125.60 -0.93; December \$131.33 -0.48; Feeder cattle –August \$155.63 -1.75; September \$158.50 -0.73; October \$160.48 -0.73; November \$161.78 -0.95; September corn closed at \$5.56 down 8 cents from Thursday.

Crop Comments by Dr. Aaron Smith

Overview

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

The USDA's July WASDE report was released on Monday July 12.

Corn received mixed revisions to supply and demand estimates, but overall the report was supportive for prices. U.S. production was estimated up 175 million bushels compared to last month at 15.165 billion bushels. The

rise in production was due to an increase of 1 million harvested acres – national average yield was left unchanged at 179.5 bu/ acre. Exports and feed and residual use were revised up 50 million and 25 million bushels compared to last months estimates. Ending stocks for the 2021/22 marketing year are projected at 1.432 billion bushels, up 350 million from the current marketing year. National marketing year average price is projected at \$5.60/bu.

Soybean prices were up for the day despite no revisions to domestic supply and demand estimates. National average yield and harvested acreage is currently estimated, by USDA, at 50.8 bu/acre and 86.7 million acres. Ending stocks for the 2021/22 marketing year are projected at a very tight 155 million bushels. National marketing year average price is projected at \$13.70/bu, up \$2.65/bu compared to the current marketing year.

The July WASDE report was mixed for cotton. Harvested acreage was estimated at 10.5 million acres (based on the June 30 Acreage report) and yield was estimated at 814 lb/acre, resulting in projected U.S. production of 20.95 million bales, up 800,000 compared to last month. Exports were increased 400,000 to 15.2 million bales. Ending stocks rose 400,000 to 3.3 million bales and season average price was left unchanged compared to last month at 75 cents.

The report was bullish for wheat. U.S. wheat production was estimated down 152 million bushels from last month, largely due to persistent drought in the Northern Plains. The decreased production resulted from a 4.9 bu/acre drop in national average yield to 45.8 bu/acre. Harvested acreage was estimated up 700,000 acres to 38.1 million acres. On the demand side, feed and residual use was decreased 10 million bushels and exports decreased 25 million bushels. U.S. ending stocks were estimated at 665 mil-

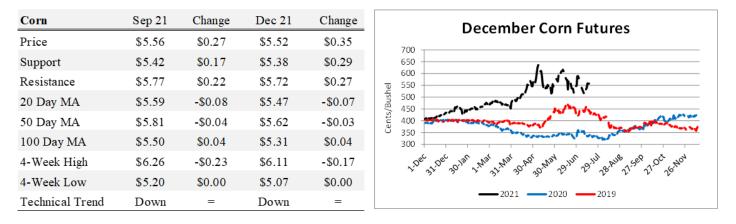
	Previous	Current	Change
USD Index	92.14	92.67	0.53
Crude Oil	74.62	71.61	-3.01
DЛA	34,872	34,703	-169

Crop Comments by Dr. Aaron Smith

lion bushels, down 179 million bushels compared to the 2020/21 marketing year. National marketing year average price is projected at \$6.60/bu.

<u>Corn</u>

Ethanol production for the week ending July 9 was 1.041 million barrels per day, down 26,000 from the previous week. Ethanol stocks were 21.134 million barrels, down 0.015 million barrels compared to last week. Corn net sales reported by exporters for July 2-8, 2021, were down compared to last week with net sales of 5.4 million bushels for the 2020/21 marketing year and 5.2 million bushels for the 2021/22 marketing year. Exports for the same time period were down 18% from last week at 41.8 million bushels. Corn export sales and commitments were 97% of the USDA estimated total exports for the 2020/21 marketing year (September 1 to August 31) compared to the previous 5-year average of 101%. Across Tennessee, average corn basis (cash price-nearby futures price) weakened or remained unchanged at West, North-Central, West-Central, and Northwest; and strength-ened at Mississippi River elevators and barge points. Overall, basis for the week ranged from 20 over to 105 over, with an average of 55 over the September futures at elevators and barge points. September 2021 corn futures closed at \$5.56, up 27 cents since last Friday. For the week, September 2021 corn futures traded between \$5.26 and \$5.72. Sep/Dec and Sep/Mar future spreads were -4 and 3 cents.



Nationally, this week's Crop Progress report estimated corn condition at 65% good-to-excellent and 8% poor-to-very poor; corn silking at 26% compared to 10% last week, 26% last year, and a 5-year average of 30%; and corn dough at 3% compared to 3% last year and a 5-year average of 3%. In Tennessee, corn condition was estimated at 80% good-to-excellent and 3% poor-to-very poor; corn silking at 64% compared to 43% last week, 61% last year, and a 5-year average of 77%; and corn dough at 19% compared to 6% last week, 17% last year, and a 5-year average of 22%. In Tennessee, new crop cash corn prices at elevators and barge points ranged from \$5.18 to \$5.78. December 2021 corn futures closed at \$5.52, up 35 cents since last Friday. Downside price protection could be obtained by purchasing a \$5.60 December 2021 Put Option costing 49 cents establishing a \$5.11 futures floor. March 2022 corn futures closed at \$5.59, up 34 cents since last Friday.

Soybeans

Net sales reported by exporters were down compared to last week with net sales of 0.8 million bushels for the 2020/21 marketing year and 4.4 million bushels for the 2021/22 marketing year. Exports for the same period were down 11% compared to last week at 7.3 million bushels. Soybean export sales and commitments were 100% of the USDA estimated total annual exports for the 2020/21 marketing year (September 1 to August 31), compared to the previous 5-year average of 103%. 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 35 under to 25 over the August futures contract. Average basis at the end of the week was 4 under the August futures contract. August 2021 soybean futures closed at \$14.54, up 75 cents since last Friday. For the week, August 2021 soybean futures traded between \$13.78 and \$14.73. Aug/Sep and Aug/Nov future spreads were -48 and -63 cents. September 2021 soybean-to-corn price ratio was 2.53 at the end of the week.

Crop Comments by Dr. Aaron Smith

Soybeans	Aug 21	Change	Nov 21	Change
Price	\$14.54	\$0.75	\$13.91	\$0.62
Support	\$14.27	\$0.90	\$13.60	\$0.65
Resistance	\$14.87	\$0.90	\$14.23	\$0.72
20 Day MA	\$13.83	\$0.07	\$13.37	\$0.03
50 Day MA	\$14.49	-\$0.03	\$13.72	\$0.02
100 Day MA	\$14.17	\$0.05	\$13.18	\$0.08
4-Week High	\$14.73	-\$0.65	\$14.23	-\$0.41
4-Week Low	\$12.89	\$0.00	\$12.40	\$0.00
Technical Trend	Up	+	Up	+

Nationally, this week's Crop Progress report estimated soybean condition at 59% good-to-excellent and 11% poor-to-very poor; soybeans blooming at 46% compared to 29% last week, 46% last year, and a 5-year average of 40%; and soybeans setting pods at 10% compared to 3% last week, 10% last year, and a 5-year average of 10%. In Tennessee, soybean condition was estimated at 76% good-to-excellent and 4% poor-to-very poor; soybeans planted at 99% compared to 96% last week, 100% last year, and a 5-year average of 98%; soybeans emerged at 96% compared to 90% last week, 96% last year, and a 5-year average of 96%; soybeans blooming at 30% compared to 18% last week, 32% last year, and a 5-year average of 39%; and soybeans setting pods at 12% compared to 3% last week, 9% last year, and a 5-year average of 11%. In Tennessee, new crop cash soybean prices at elevators and barge points ranged from \$13.33 to \$14.03. November 2021 soybean futures closed at \$13.91, up 62 cents since last Friday. Downside price protection could be achieved by purchasing a \$14.00 November 2021 Put Option which would cost 82 cents and set a \$13.18 futures floor. Nov/Dec 2021 soybean-to-corn price ratio was 2.52 at the end of the week.

<u>Cotton</u>

Net sales reported by exporters were down compared to last week with net sales of 34,500 bales for the 2020/21 marketing year and 116,400 bales for the 2021/22 marketing year. Exports for the same time period were down 37% compared to last week at 185,900 bales. Upland cotton export sales were 107% of the USDA estimated total annual exports for the 2020/21 marketing year (August 1 to July 31), compared to the previous 5-year average of 112%. Delta upland cotton spot price quotes for July 15 were 87.59 cents/lb (41-4-34) and 89.84 cents/lb (31-3-35). Adjusted world price increased 1.06 cents to 75.96 cents.

Cotton	Dec 21	Change	Mar 22	Change
Price	89.93	2.22	89.30	1.90
Support	88.33	2.72	87.94	2.47
Resistance	90.77	2.50	90.04	2.09
20 Day MA	87.23	0.73	86.91	0.65
50 Day MA	85.74	0.42	85.47	0.44
100 Day MA	84.31	0.17	83.88	0.20
4-Week High	89.97	1.08	89.36	0.91
4-Week Low	83.37	0.00	83.28	0.00
Technical Trend	Up	=	Up	=

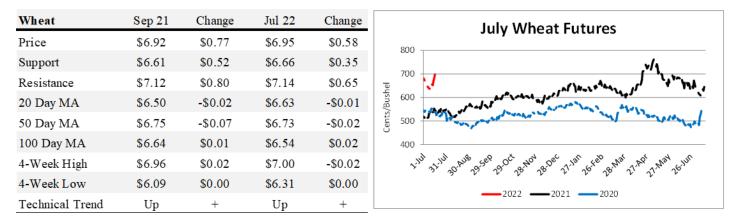
Nationally, this week's Crop Progress report estimated cotton condition at 56% good-to-excellent and 9% poor-to-very poor; cotton squaring at 55% compared to 42% last week, 61% last year, and a 5-year average of 61%; and cotton setting bolls at 16% compared to 11% last week, 17% last year, and a 5-year average of 20%. In Tennessee, cotton condition was estimated at 62% good-to-excellent and 12% poor-to-very poor; cotton squaring at 58% compared to 46% last week, 67% last year, and a 5-year average of 73%; and cotton setting bolls at 8% compared to 3% last week, 19% last year, and a 5-year average of 18%. December

Crop Comments by Dr. Aaron Smith

2021 cotton futures closed at 89.93 cents, up 2.22 cents since last Friday. Downside price protection could be obtained by purchasing a 90 cent December 2021 Put Option costing 7.7 cents establishing an 82.3 cent futures floor. For the week, December 2021 cotton futures traded between 87.17 and 89.97 cents. Dec/Mar and Dec/May cotton futures spreads were -0.63 cents and -1.49 cents. March 2022 cotton futures closed at 89.3 cents, up 1.9 cents since last Friday. May 2022 cotton futures closed at 88.44 cents, up 1.69 cents since last Friday.

<u>Wheat</u>

Wheat net sales reported by exporters were up compared to last week with net sales of 15.6 million bushels for the 2021/22 marketing year. Exports for the same time period were down 5% from last week at 13.4 million bushels. Wheat export sales were 30% 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 32%. Nationally, the Crop Progress report estimated winter wheat harvested at 59% compared to 45% last week, 66% last year, and a 5-year average of 65%; spring wheat condition at estimated at 16% good-to-excellent and 55% poor-to-very poor; and spring wheat headed at 83% compared to 69% last week, 78% last year, and a 5-year average of 81%. In Tennessee, winter wheat harvested was estimated at 98% compared to 94% last week and 100% last year. In Tennessee, spot wheat prices at elevators and barge points ranged from \$5.96 to \$6.72. September 2021 wheat futures closed at \$6.92, up 77 cents since last Friday. September 2021 wheat futures traded between \$6.10 and \$6.96 this week. September wheat-to-corn price ratio was 1.24. Sep/Dec and Sep/Jul future spreads were 7 and 3 cents. December wheat-to-corn futures price ratio was 1.27. December 2021 wheat futures closed at \$6.99, up 76 cents since last Friday.



July 2022 wheat futures closed at \$6.95, up 58 cents since last Friday. Downside price protection could be obtained by purchasing a \$7.00 July 2022 Put Option costing 70 cents establishing a \$6.30 futures floor.

Additional Information:

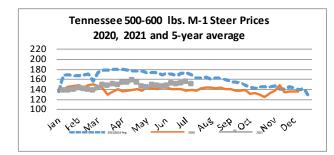
Links for data presented:

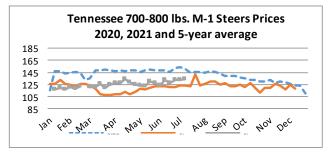
U.S. Export Sales - <u>https://apps.fas.usda.gov/export-sales/esrd1.html</u> USDA FAS: Weekly Export Performance Indicator – <u>https://apps.fas.usda.gov/esrquery/esrpi.aspx</u> EIA: Weekly ethanol Plant Production - <u>https://www.eia.gov/dnav/pet/pet_pnp_wprode_s1_w.htm</u> EIA: Weekly Supply Estimates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

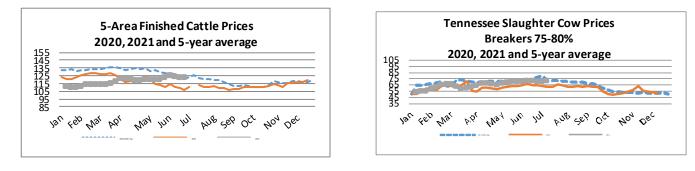
U.S. Crop Progress - <u>http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048</u> USDA AMS: Market News - <u>https://www.ams.usda.gov/market-news/search-market-news</u>

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 Farmer	s by Elevators				
	Friday, July 9, 2021Thursday, July 15, 2021						
	Friday	Monday	Tuesday	Wednesday	Thursday		
	Average	Average	Average	Average	Average		
No. 2 Yellow Soybeans			\$/bushel				
Northwest	13.69	13.92	14.00	14.37	14.33		
North Central	13.99	14.24	14.35	14.73	14.68		
West Central							
West	13.89	14.10	13.87	14.18	14.15		
Vississippi River	14.04	14.29	14.39	14.60	14.55		
ellow Corn							
Northwest	5.83	5.99	6.05	6.22	6.18		
North Central	6.35	6.50	6.46	6.53	6.49		
Nest Central							
West	5.80	5.95	5.86	6.03	5.99		
Vississippi River	5.50	5.65	5.98	6.15	6.11		
Wheat							
Northwest	5.77	6.03	5.97	6.23	6.42		
North Central	5.90	6.16	6.09	6.29	6.47		
West	6.15	6.41	6.34	6.54	6.72		
Vississippi River	6.06	6.32	6.22	6.41	6.61		
Cotton			\$/pound				
Memphis	85.74-87.99	86.22-88.47	86.52-88.77	88.32-90.57	87.59-89.84		







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			eek ending Monday, J Last Week's	Year Ago
	Low	High	Weighted Average	-	-
			\$/cwt		
Steers: Medium/Larg			φ γ οπτ		
300-400 lbs	146.00	172.50	159.85	170.55	158.50
400-500 lbs	143.00	165.00	156.28	161.16	148.41
500-600 lbs	134.00	155.75	148.83	153.74	137.21
600-700 lbs	126.00	147.50	139.58	141.53	131.82
700-800 lbs	125.00	138.75	133.89	132.18	123.25
Steers: Small Frame #	1-2				
300-400 lbs					146.56
400-500 lbs				129.67	131.88
500-600 lbs				132.00	125.00
600-700 lbs					118.00
Steers: Medium/Larg	e Frame #3				
300-400 lbs	133.00	141.50	139.85	156.07	142.40
400-500 lbs	128.00	150.00	136.18	144.09	137.31
500-600 lbs	119.00	140.00	131.15	139.92	128.05
600-700 lbs	110.00	123.00	114.01	128.63	118.75
700-800 lbs				122.50	109.84
Holstein Steers					
300-400 lbs					
500-600 lbs				97.33	
700-800 lbs					
Slaughter Cows & Bul	ls				
Breakers 75-80%	61.00	78.00	70.63	69.10	62.46
Boners 80-85%	62.00	78.00	72.49	68.50	62.73
Lean 85-90%	53.00	70.00	63.92	61.90	53.87
Bulls YG 1	87.00	103.00	93.91	98.46	93.16
Heifers: Medium/Larg	ge Frame #1-2				
300-400 lbs	-	142.00	136.49	145.63	136.32
400-500 lbs	120.00	145.00	135.74	140.06	128.68
500-600 lbs	121.00	138.00	130.05	133.24	121.71
600-700 lbs	109.00	130.00	123.36	125.18	114.07
Heifers: Small Frame	#1-2				
300-400 lbs				116.38	
400-500 lbs				119.28	
500-600 lbs				114.99	
600-700 lbs				105.00	
Heifers: Medium/Larg	ge Frame #3				
300-400 lbs	116.00	126.00	122.63	131.86	130.92
400-500 lbs	123.00	125.00	124.00	129.35	123.64
500-600 lbs	116.00	120.00	117.58	123.08	113.90
600-700 lbs	112.00	126.00	118.22		103.22

Cattle Receipts This week:3,662

Week ago:4,059

Year ago:3,611

Graded Sales, Video Board Sales, Video Sales & Loads

East Tennessee Livestock Center Video Sales-Sweetwater, TN Report for 7/14/2021 1 load of steers, est. wt. 900 lbs; 95% L&M-1s and 5% L&M-2s; Medium flesh; 100% Black/BWF; \$142.00

Warren Co. Livestock Graded Sale-McMinnville, TN

Weighted Average Report for 07/14/2021 Total Receipts: 2,150 For complete report: <u>https://www.ams.usda.gov/mnreports/</u> <u>ams_2079.pdf</u>

Graded Sheep & Goat Sale

Columbia Graded Sheep and Goat Sale-Columbia, TN Weighted Average Report for 7/12/21 Total Receipts: For complete report: https://www.ams.usda.gov/mnreports/ams_2081.pdf

Department of Agricultural and Resource Economics

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