

Tennessee Market Highlights

UTEXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE

November 12, 2021

Number: 45

Trends for the Week Compared to a Week Ago

Slaughter Cows

\$1 to \$2 lower

Slaughter Bulls

\$1 lower

Feeder Steers

steady to \$2 lower

Feeder Heifers

steady to \$3 lower

Feeder Cattle Index: 155.47

Fed Cattle

The 5-area live price on Thursday of \$131.35 was up \$3.23. The dressed price of \$206.60 was up \$4.55.

Corn

December closed at \$5.77 a bushel, up 24 cents since last Friday.

Soybeans

January closed at \$12.44 a bushel, up 39 cents since last Friday.

Wheat

December closed at \$8.17 a bushel, up 51 cents since last Friday.

Cotton

December closed at 117.69 cents per lb., up 0.82 cents since last Friday.

Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded \$3 to \$4 higher compared to last week on a live basis. Prices on a live basis primarily ranged from \$131 to \$133 while dressed prices were mainly \$205 to \$207.

The 5-area weighted average prices thru Thursday were \$131.35 live, up \$3.23 compared to last week and \$206.60 dressed, up \$4.55 from a week ago. A year ago, prices were \$109.46 live and \$171.88 dressed.

Cash prices for finished cattle and live cattle futures have converged resulting in a near zero basis value. Live cattle futures traders have been methodically pushing futures prices higher the past several weeks, which has brought cash trade along for the ride. This week's 5-area weighted average price is the highest price since June 2017 and the first week the price has exceeded \$130 since that same time period. The spring price peak in 2017 was just over \$144 per hundred-weight, but the spring price spike was short lived. The difference in today's market is that the market is in a position to sustain prices in excess of \$130 for several months. Fed cattle prices are not likely to spike, but methodically increase.

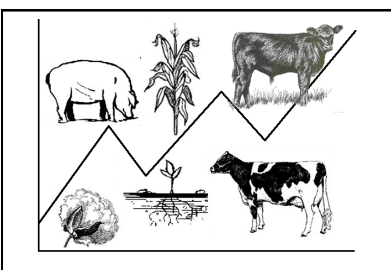
BEEF CUTOUT: At midday Friday, the Choice cutout was \$285.18 up \$0.04 from Thursday and down \$5.29 from a week ago. The Select cutout was \$269.37 up \$2.08 from Thursday and up \$5.13 from last week. The Choice Select spread was \$15.81 compared to \$21.52 a week ago.

Beef and veal exports in September did not keep pace with the record levels exported in August, but that does not mean that September exports were sluggish. Total beef and veal exports in September totaled 288.7 million pounds, which was nearly 50 million more pounds than September 2020. The total export value for beef and veal exports totaled \$857.0 mil-

lion which was further bolstered by \$97.1 million of variety meat beef exports. Despite the wholesale price of beef remaining elevated, international markets continue to be a vacuum for the high-quality beef and beef products being produced in the United States. The fact beef continues to move at a strong pace to international customers is a good indicator that demand remains strong for beef. There are sure to be some market analysts who will raise concerns about export demand slowing, which is always a possibility with customers like China. However, Japan and South Korea continue to lead the way as the top destinations with China being a solid third place followed by Mexico and Canada.

OUTLOOK: Based on Tennessee weekly auction market data, steer prices were steady to \$2 higher than last week and heifer prices were steady to \$3 lower compared to the previous week. Slaughter cow prices were \$1 to \$2 lower while bull prices were \$1 lower compared to a week ago. Cattle prices are determined by supply and demand for cattle and these fundamental forces vary by class of cattle throughout the year. Supply tends to be the dominating factor this time of year as the number of freshly weaned calves and slaughter cows is typically highest in the fourth quarter. The strong run of light-weight calves and slaughter cows the past several weeks has pressured prices for these classes of cattle, but prices have not faltered as much as the seasonal tendency would predict. Most producers with spring calving herds will have marketed the 2021 calf crop and culled cows from the herd by early December. This means the price of these two classes of cattle will soon turn around and begin to seasonally increase as supply begins to wane. Producers who still need to market some of these animals

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Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

may want to wait a few more weeks as prices are expected to increase in December with further increases in January. This does not mean these cattle will not be a good purchase for those looking to purchase cattle. It simply means prices will be a little higher for those looking to grow calves over the winter. The longer term outlook is for prices of cattle to continue increasing as there is an expectation of a bull market the next two to three years. However, the higher cattle price expectation in 2022 may not be able to overcome higher input costs for feed, fuel and fertilizer. Producers are encouraged to begin evaluating alternative production plans to reduce the dependency on these three inputs as prices are expected to remain elevated through the spring and potentially longer. This is a reminder that revenue and costs contribute to profitability.

ASK ANDREW, TN THINK TANK: Do special weaned and vaccinated sales really have a price advantage over graded sales and weekly auction sales? Weaned and vaccinated sales generally provide a slight advantage in that buyers can purchase a large quantity of weaned and vaccinated cattle at one time. In other words, buyers are paying for cattle that are weaned and vaccinated, but they are also paying for the convenience

of larger lots of cattle. Thus, graded sales can capture some of this same premium in that the lots tend to be larger than the cattle going through the weekly auction. However, there is no guarantee all calves in a group at a graded sale are weaned and vaccinated. There have certainly been groups of weaned and vaccinated calves sold through weekly auction markets that receive a higher price than special weaned and vaccinated sales. In many instances, these small groups in weekly auctions do not get much of a premium because of lot size, but they may be superior quality cattle on average, which would be worthy of paying a higher price.

Please send questions and comments to agriff14@utk.edu 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 –December \$132.13 +0.25; February \$136.10 -0.30; April \$139.90 -0.35; Feeder cattle –November \$156.25 -1.08; January \$157.73 -1.35; March \$159.18 -1.28; April \$161.78 -1.18; December corn closed at \$5.77 up 8 cents from Thursday.

Crop Comments by Dr. Aaron Smith

Overview

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

The USDA World Agricultural Supply and Demand Estimates (WASDE) report provided support for soybean prices this week. National average yield was lowered 0.3 bu/acre to 51.2, resulting in a 23-million-bushel reduction in production. Exports were reduced 40 million bushels to 2.05 billion or 46% of 2021 projected production. Exports will be key moving

forward as the size and duration of U.S. soybean purchases by China, before switching to Brazil, will be an important determinant for prices this winter. Futures prices jumped over 20 cents following the WASDE report release and followed through with another 20-cent increase at the end of the week due to strong export sales data.

Corn also closed up (about 3 cents) on November 9 when the WASDE report was released, however this can likely be attributed to prices being pulled higher by soybeans. National average yield was increased 0.5 bu/acre to 177, which would break the 2017 record yield of 176.6 bu/acre. The 43 million bushel increase in production was offset by a 50 million bushel increase in ethanol use. US ending stocks declined 7 million bushels to 1.493 billion. Stocks-to-use is now projected at 10%.

U.S. cotton production was increased 200,000 bales to 18.2 million bales, due to an increase in national average yield of 9 lb./acre to 880 lb./acre. Ending stocks increased 200,000 bales as exports and domestic use were left unchanged. Foreign cotton stocks were decreased 400,000 bales, driven by an increase in global use of 700,000 bales compared to last month. March cotton futures have traded sideways near 120 cents for 10 trading days. Will prices have another leg up or will they decline?

Corn

Ethanol production for the week ending November 5 was 1.107 million barrels per day, down 68,000 from the previous week. Ethanol stocks were 20.286 million barrels, up 0.157 million compared to last week. Corn net sales reported by exporters for

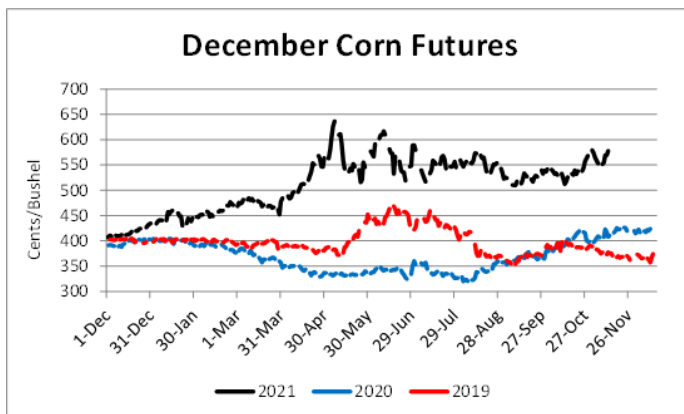
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	Previous	Current	Change
USD Index	94.24	95.11	0.88
Crude Oil	81.51	80.94	-0.57
DJIA	36,368	36,076	-292

Crop Comments by Dr. Aaron Smith

October 29-November 4, 2021, were down compared to last week with net sales of 42.0 million bushels for the 2021/22 marketing year and net sales cancellations of 0.1 million bushels. Exports for the same period were down 4% from last week at 28.3 million bushels. Corn export sales and commitments were 51% 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 42%. Nationally, this week's Crop Progress report estimated corn harvested at 84% compared to 74% last week, 90% last year, and a 5-year average of 78%. In Tennessee, corn harvested was estimated at 94% compared to 91% last week, 97% last year, and a 5-year average of 98%. Across Tennessee, average corn basis (cash price-nearby futures price) strengthened or remained unchanged at Northwest, West, North-Central, and Mississippi River; and weakened at West-Central elevators and barge points. Overall, basis for the week ranged from even to 36 under, with an average of 16 under the December futures at elevators and barge points. December 2021 corn futures closed at \$5.77, up 24 cents since last Friday. For the week, December 2021 corn futures traded between \$5.47 and \$5.82. In Tennessee, new crop cash corn prices at elevators and barge points ranged from \$5.15 to \$5.94.

Corn	Dec 21	Change	Mar 22	Change
Price	\$5.77	\$0.24	\$5.85	\$0.23
Support	\$5.60	\$0.15	\$5.68	\$0.13
Resistance	\$5.90	\$0.24	\$5.97	\$0.23
20 Day MA	\$5.54	\$0.10	\$5.63	\$0.11
50 Day MA	\$5.37	\$0.03	\$5.46	\$0.03
100 Day MA	\$5.44	\$0.01	\$5.52	\$0.01
4-Week High	\$5.86	\$0.00	\$5.93	\$0.00
4-Week Low	\$5.06	\$0.00	\$5.16	\$0.00
Technical Trend	Up	=	Up	=

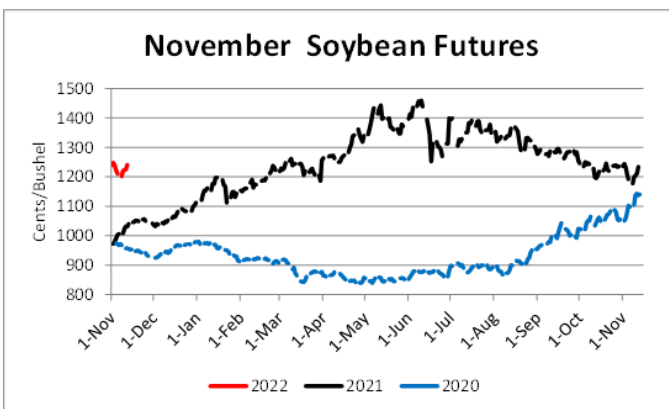


Dec/Mar and Dec/May future spreads were 8 and 11 cents. March 2022 corn futures closed at \$5.85, up 21 cents since last Friday. May 2022 corn futures closed at \$5.88, up 21 cents since last Friday. December 2022 corn futures closed at \$5.48, up 8 cents since last Friday. Downside price protection could be obtained by purchasing a \$5.50 December 2022 Put Option costing 53 cents establishing a \$4.97 futures floor.

Soybeans

Net sales reported by exporters were down compared to last week with net sales of 47.4 million bushels for the 2021/22 marketing year and 1.1 million bushels for the 2022/23 marketing year. Exports for the same period were up 40% compared to last week at 136.0 million bushels. Soybean export sales and commitments were 60% 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 61%. Nationally, this week's Crop Progress report estimated soybeans harvested at 87% compared to 79% last week, 91% last year, and a 5-year average of 88%. In Tennessee, soybeans harvested were estimated at 66% compared to 55% last week, 69% last year, and a 5-year average of 76%. Across Tennessee, average soybean basis strengthened at Northwest, West, West-Central, and Mississippi River; and weakened at North-Central elevators and barge points. Basis ranged from 2 over to 50 under, with an average basis, at the end of the week, of 17 under the January futures contract. January 2022 soybean futures closed at \$12.44, up 39 cents since last Friday. For the week, January 2022 soybean futures traded between \$11.81 and \$12.49. Jan/Dec 2021 soybean-to-corn price ratio was 2.16 at the end of the week.

Soybeans	Jan 22	Change	Nov 22	Change
Price	\$12.44	\$0.39	\$12.40	\$0.30
Support	\$12.08	\$0.20	\$12.13	\$0.18
Resistance	\$12.67	\$0.32	\$12.57	\$0.26
20 Day MA	\$12.34	-\$0.01	\$12.30	\$0.00
50 Day MA	\$12.56	-\$0.09	\$12.39	-\$0.04
100 Day MA	\$13.00	-\$0.05	\$12.46	\$0.01
4-Week High	\$12.66	-\$0.07	\$12.50	-\$0.15
4-Week Low	\$11.81	-\$0.14	\$11.92	-\$0.10
Technical Trend	Up	+	Up	+



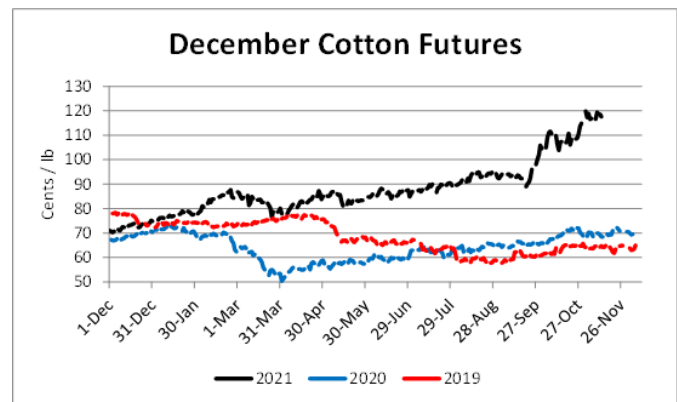
Crop Comments by Dr. Aaron Smith

Jan/Mar and Jan/Nov future spreads were 12 and -4 cents. March 2022 soybean-to-corn price ratio was 2.15 at the end of the week. March 2022 soybean futures closed at \$12.56, up 39 cents since last Friday. November 2022 soybean futures closed at \$12.40, up 30 cents since last Friday. Downside price protection could be achieved by purchasing a \$12.60 November 2022 Put Option which would cost 94 cents and set an \$11.66 futures floor.

Cotton

Net sales reported by exporters were down compared to last week with net sales of 128,000 bales for the 2021/22 marketing year and 11,600 for the 2022/23 marketing year. Exports for the same period were down 38% compared to last week at 87,900 bales. Upland cotton export sales were 59% 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 61%. Delta upland cotton spot price quotes for November 10 were 116.68 cents/lb. (41-4-34) and 118.93 cents/lb. (31-3-35). Adjusted world price increased 0.57 cents to 101.56 cents.

Cotton	Dec 21	Change	Mar 22	Change
Price	117.69	0.82	115.08	1.84
Support	115.33	0.39	112.80	1.70
Resistance	120.09	1.55	117.52	2.46
20 Day MA	113.82	2.82	110.97	2.55
50 Day MA	105.21	2.48	103.15	2.21
100 Day MA	97.83	1.64	96.54	1.48
4-Week High	121.67	0.00	116.83	0.10
4-Week Low	103.50	0.00	101.31	0.00
Technical Trend	Up	=	Up	=



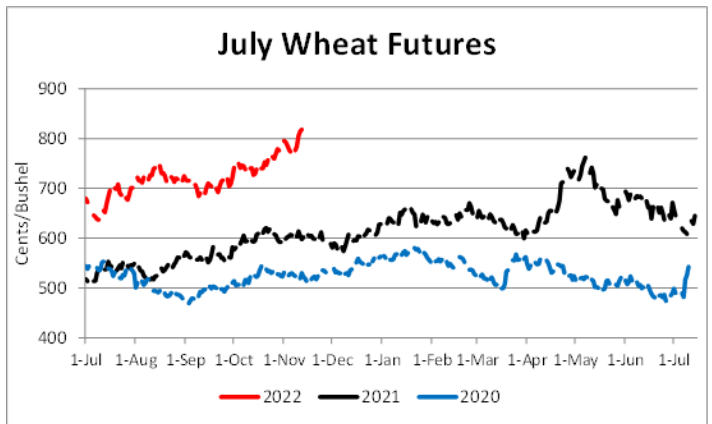
Nationally, this week's Crop Progress report estimated cotton bolls opening at 98% compared to 94% last week, 100% last year, and a 5-year average of 98%; and cotton harvested at 55% compared to 45% last week, 60% last year, and a 5-year average of 57%. In Tennessee, cotton condition was estimated at 73% good-to-excellent and 8% poor-to-very poor; cotton bolls opening at 99% compared to 94% last week, 100% last year, and a 5-year average of 100%; and cotton harvested at 54% compared to 42% last week, 62% last year, and a 5-year average of 74%. December 2021 cotton futures closed at 117.69 cents, up 0.82 cents since last Friday. For the week, December 2021 cotton futures traded between 116.2 and 120.75 cents. Dec/Mar and Dec/May cotton futures spreads were -2.67 cents and -4.34 cents. March 2022 cotton futures closed at 115.08 cents, up 1.84 cents since last Friday. May 2022 cotton futures closed at 113.35 cents, up 1.66 cents since last Friday. December 2022 cotton futures closed at 91.65 cents, up 0.4 cents since last Friday. Downside price protection could be obtained by purchasing a 92 cent December 2022 Put Option costing 9.39 cents establishing an 82.61 cent futures floor.

Wheat

Wheat net sales reported by exporters were down compared to last week with net sales of 10.5 million bushels for the 2021/22 marketing year and 0.8 million bushels for the 2022/23 marketing year. Exports for the same period were up 98% from last week at 9.9 million bushels. Wheat export sales were 57% 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 65%. December 2021 wheat futures closed at \$8.17, up 51 cents since last Friday. December 2021 wheat futures traded between \$7.62 and \$8.26 this week. December wheat-to-corn price ratio was 1.42. Dec/Mar and Dec/Jul future spreads were 11 and 1 cents. March 2022 wheat futures closed at \$8.28, up 49 cents since last Friday. March wheat-to-corn futures price ratio was 1.42.

Crop Comments by Dr. Aaron Smith

Wheat	Dec 21	Change	Jul 22	Change
Price	\$8.17	\$0.51	\$8.18	\$0.45
Support	\$7.95	\$0.40	\$7.97	\$0.35
Resistance	\$8.37	\$0.50	\$8.34	\$0.43
20 Day MA	\$7.71	\$0.17	\$7.75	\$0.16
50 Day MA	\$7.40	\$0.08	\$7.40	\$0.08
100 Day MA	\$7.22	\$0.07	\$7.19	\$0.07
4-Week High	\$8.26	\$0.19	\$8.24	\$0.25
4-Week Low	\$7.12	\$0.00	\$7.20	\$0.00
Technical Trend	Up	=	Up	=



Nationally, the Crop Progress report estimated winter wheat condition at 45% good-to-excellent and 22% poor-to-very poor; winter wheat planted at 91% compared to 87% last week, 92% last year, and a 5-year average of 91%; and winter wheat emerged at 74% compared to 67% last week, 78% last year, and a 5-year average of 77%. In Tennessee, winter wheat condition was estimated at 85% good-to-excellent and 3% poor-to-very poor; winter wheat planted at 71% compared to 59% last week, 76% last year, and a 5-year average of 71%; and winter wheat emerged at 50% compared to 37% last week, 58% last year, and a 5-year average of 48%. New crop wheat cash prices at elevators and barge points ranged from \$7.41 to \$8.11. July 2022 wheat futures closed at \$8.18, up 45 cents since last Friday. Downside price protection could be obtained by purchasing a \$8.20 July 2022 Put Option costing 68 cents establishing a \$7.52 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 – <https://apps.fas.usda.gov/esrquery/esrpi.aspx>

EIA: Weekly ethanol Plant Production - https://www.eia.gov/dnav/pet/pet_pnp_wprode_s1_w.htm

EIA: Weekly Supply Estimates - https://www.eia.gov/dnav/pet/pet_sum_sndw_a_EPOOXE_sae_mdbl_w.htm

Upland Cotton Reports - <https://www.fsa.usda.gov/FSA/epasReports?area=home&subject=ecpa&topic=fta-uc>

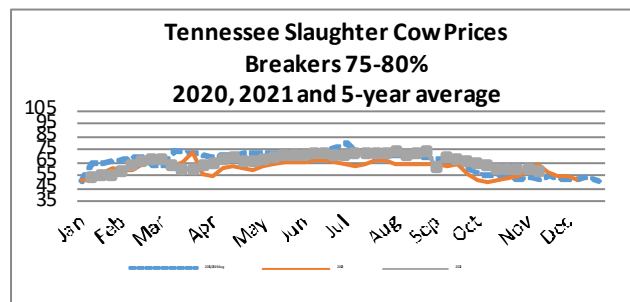
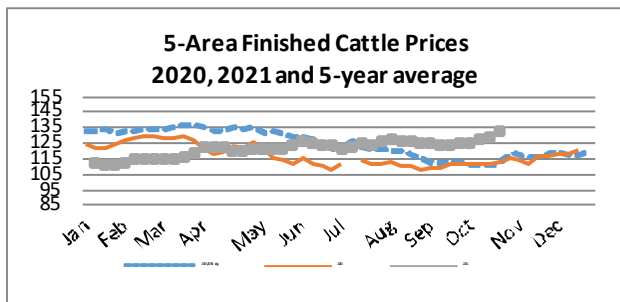
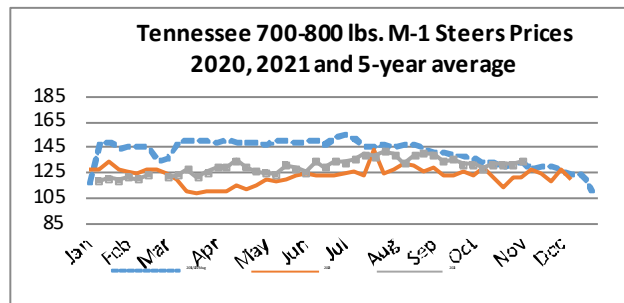
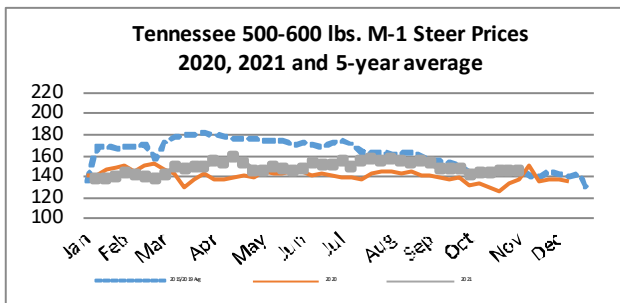
Tennessee Crop Progress - https://www.nass.usda.gov/Statistics_by_State/Tennessee/Publications/Crop_Progress_&_Condition/

U.S. Crop Progress - <http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048>

USDA AMS: Market News - <https://www.ams.usda.gov/market-news/search-market-news>

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 aaron.smith@utk.edu.

Prices Paid to Farmers by Elevators					
Friday, November 5, 2021---Thursday, November 11, 2021					
	Friday Average	Monday Average	Tuesday Average	Wednesday Average	Thursday Average
No. 2 Yellow Soybeans	-----\$/bushel-----				
Northwest	11.57	11.40	11.62	11.70	
North Central	12.01	11.84	12.07	12.02	
West Central	11.89	11.72	11.95	12.00	
West	11.97	11.80	12.10	12.18	
Mississippi River	11.92	11.75	12.00	12.09	
Yellow Corn					
Northwest	5.17	5.15	5.24	5.43	
North Central	5.18	5.17	5.20	5.34	
West Central	5.53	5.45	5.48	5.62	
West	5.48	5.47	5.50	5.68	
Mississippi River	5.40	5.39	5.39	5.57	
Wheat					
Northwest					
North Central					
West					
Mississippi River					
Cotton	-----\$/pound-----				
Memphis	114.87-117.12	114.55-116.80	117.38-119.63	116.68-118.93	



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>

Prices on Tennessee Reported Livestock Auctions for the week ending Monday, November 8, 2021

	This Week			Last Week's	Year Ago
	Low	High	Weighted Average	Weighted Average	Weighted Average
-----\$/cwt-----					
Steers: Medium/Large Frame #1-2					
300-400 lbs.	150.00	183.00	167.61	168.85	153.08
400-500 lbs.	132.00	170.00	154.69	157.03	143.94
500-600 lbs.	125.00	166.00	144.11	144.78	131.55
600-700 lbs.	125.00	148.00	137.40	139.31	125.06
700-800 lbs.	115.00	140.00	132.30	130.54	119.89
Steers: Small Frame #1-2					
300-400 lbs.	121.00	160.00	140.50	145.61	127.59
400-500 lbs.	130.00	150.00	137.51	137.50	---
500-600 lbs.	---	---	---	130.00	115.49
600-700 lbs.	107.00	120.00	110.10	---	---
Steers: Medium/Large Frame #3					
300-400 lbs.	130.50	170.00	147.76	145.60	137.10
400-500 lbs.	110.00	153.00	135.69	138.84	130.15
500-600 lbs.	106.00	140.00	131.03	129.10	121.08
600-700 lbs.	117.50	125.00	121.65	121.45	113.73
700-800 lbs.	96.00	124.00	114.97	119.69	---
Holstein Steers					
300-400 lbs.	---	---	---	---	---
500-600 lbs.	---	---	---	---	---
700-800 lbs.	40.00	58.00	49.00	---	---
Slaughter Cows & Bulls					
Breakers 75-80%	50.00	64.50	57.35	58.08	53.30
Boners 80-85%	45.00	64.00	55.86	56.59	52.45
Lean 85-90%	37.00	59.50	47.98	47.76	45.20
Bulls YG 1	73.00	95.00	83.90	86.95	77.41
Heifers: Medium/Large Frame #1-2					
300-400 lbs.	112.00	150.00	130.66	136.09	128.87
400-500 lbs.	110.00	144.00	129.28	131.17	121.04
500-600 lbs.	109.00	135.00	123.41	123.96	116.60
600-700 lbs.	105.00	130.00	118.53	125.97	110.69
Heifers: Small Frame #1-2					
300-400 lbs.	112.50	132.50	123.00	130.82	---
400-500 lbs.	100.00	125.00	112.34	121.57	111.49
500-600 lbs.	95.00	113.00	107.81	110.85	110.01
600-700 lbs.	100.00	115.00	107.50	---	---
Heifers: Medium/Large Frame #2-3					
300-400 lbs.	110.00	135.00	123.63	124.64	111.88
400-500 lbs.	100.00	136.00	118.85	121.50	112.51
500-600 lbs.	95.00	120.00	111.28	112.46	106.04
600-700 lbs.	88.00	117.00	104.88	110.25	97.64

Cattle Receipts

This week:9,196

Week ago:5,757

Year ago:5,513

Link to report: https://www.ams.usda.gov/mnreports/ams_2063.pdf

Graded Sales, Video Board Sales, Video Sales & Loads

East Tennessee Cattle Alliance Preconditioned Graded Feeder Sale-Greeneville, TN

Weighted Average Report for 11/5/21

For complete report:

https://www.ams.usda.gov/mnreports/ams_2075.pdf

Hardin County Stockyard-Savannah, TN

11/10/21

58 Steers, 815 lbs., M&L 1&2, 100% Black/BWF, 5 Flesh, \$151.00

65 Steers, 737 lbs., M&L 1&2, 64-Black/BWF, 1-ChX, 5 Flesh, \$154.00

76 Steers, 629 lbs., M&L 1&2, 65-Black/BWF, 9-ChX, 2-RWF, 4-5 Flesh, \$160.75

73 Heifers, 685 lbs., M&L 1&2, 75% Black/BWF, 25% Red/RWF & ChX, \$.08 Slide, 2% Shrink, Current Delivery, \$145.00

Graded Goat & Sheep Sales

Columbia Graded Sheep and Goat Sale-Columbia, TN

Weighted Average Report for 11/8/21

Total Receipts:

For complete report:

https://www.ams.usda.gov/mnreports/ams_2081.pdf

Department of Agricultural and Resource Economics

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USDA / Tennessee Department of Agriculture Market News Service <https://www.tn.gov/agriculture/farms/news.html>

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