

Tennessee Market Highlights

UTEXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE

February 4, 2022

Number: 5

Trends for the Week Compared to a Week Ago

Slaughter Cows

\$3 to \$5 higher

Slaughter Bulls

\$2 to \$4 higher

Feeder Steers

steady to \$2 lower

Feeder Heifers

steady to \$4 lower

Feeder Cattle Index: 159.25

Fed Cattle

The 5-area live price on Thursday of \$139.88 was up \$2.95.

The dressed price of \$221.79 was up \$3.79.

Corn

March closed at \$6.20 a bushel, down 16 cents since last Friday.

Soybeans

March closed at \$15.53 a bushel, up 83 cents since last Friday.

Wheat

March closed at \$7.63 a bushel, down 23 cents since last Friday.

Cotton

March closed at 126.74 cents per lb, up 2.98 cents since last Friday.

Livestock Comments by Dr. Andrew P. Griffith

FED CATTLE: Fed cattle traded \$3 higher compared to last week on a live basis. Prices on a live basis primarily ranged from \$138 to \$140 while dressed prices were mainly \$220 to \$222.

The 5-area weighted average prices thru Thursday were \$139.88 live, up \$2.95 compared to last week and \$221.79 dressed, up \$3.79 from a week ago. A year ago, prices were \$113.28 live and \$179.32 dressed.

Live cattle futures have shown their resilience the past two weeks, which has supported the cash price of finished cattle. A \$3 per hundredweight price increase is not an anomaly, but it probably feels like one given the past few years of live cattle trade. There is no doubt cattle feeders are gaining leverage over the packers as live cattle prices and wholesale boxed beef prices are diverging. February does not tend to be the best month for finished cattle, but this week's price increase bodes well for the spring months. The April live cattle contract is pricing cattle near \$147. This is a realistic value given current prices. The next question to be asked is if the market can reach \$150 this spring.

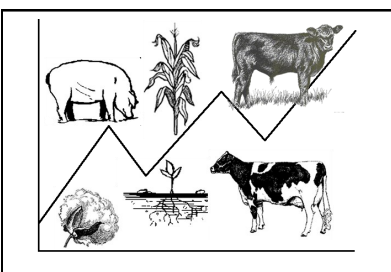
BEEF CUTOUT: At midday Friday, the Choice cutout was \$279.86 down \$1.60 from Thursday and down \$10.79 from a week ago. The Select cutout was \$276.02 down \$0.45 from Thursday and down \$6.98 from last week. The Choice Select spread was \$3.84 compared to \$7.65 a week ago.

It appears winter has caught up with boxed beef prices that many in the industry would have claimed were overvalued anyway. The narrowing of the Choice Select spread indicates the movement toward more end meats over middle meats as consumers tend to use the oven and the slow cooker more during winter

months compared to spring and summer when grilling of middle meats takes center stage. At the same time, the blast of winter precipitation that has impacted a large portion of consumers this week has certainly slowed beef movement. The inability or unwillingness of consumers to eat at restaurants and make trips to the grocery store during inclement weather is certain to negatively influence beef prices. It is not only consumers influencing prices but the ability to get product to retail and food service providers is also hindered in inclement weather conditions. Beef prices may or may not decrease again next week and in weeks to come, but they are well supported above \$250 and will certainly gain steam as spring approaches.

OUTLOOK: Based on Tennessee weekly auction market reports steer prices this week were steady to \$2 lower compared to a week ago while heifer prices were mainly steady to \$4 lower compared to last week. Slaughter cow prices were \$3 to \$5 higher while bull prices were \$2 to \$4 higher compared to the previous week. As has been discussed, the slaughter cow and bull market are beginning to gain steam and will continue increasing the next few months. The slaughter cow and bull market may see another week or two of strong price gains, but it will then be a much slower grind higher. On the calf side of the market, prices will soon hit their stride as grass cattle demand hits full swing. It is generally March before calf prices really swell, but that does not mean they will not be supported through February. The weather may be the biggest determinant of calf prices the next few weeks. The most intriguing market at this time is the feeder cattle market. The CME feeder cattle index is just over \$159 per hundredweight, which represents the price of an 800-pound steer in a 12-state

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Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

region including the Great Plains and several of the contiguous states. Regardless, the expectation is for feeder cattle futures and the CME feeder cattle index price to converge. The March feeder cattle contract is trading near \$166, which means there is a \$7 negative basis at this time. The market will converge, but the question is how fast and which prices will be making the movements. On top of the nearby difference in prices, summer and fall feeder cattle futures contracts continue to trade between \$184 and \$188. The futures market is pricing in a clear \$25 per hundredweight price increase over the next seven months. This is achievable, but buyers and sellers should be considering price risk management if advantageous. Most of the fundamentals as it relates to cattle markets are suggesting higher cattle prices moving forward.

ASK ANDREW, TN THINK TANK: A friend I met in college asked a question this week concerning my opinion of the 50/14 rule for trading finished cattle. For those who are not familiar, the 50/14 rule is proposed legislation that would mandate packers owning more than one facility to purchase 50 percent of each plant's cattle on the spot market each week and slaughter those animals within 14 days. Since this friend asked for my professional opinion, that is what I will provide. I do not have to speak directly to the proposed legislation, because I believe most any legislation will result in inefficiencies in the market and increase costs in the cattle business, which will be forced on cow-calf producers at some

point. Ninety-nine percent of cattle producers are in the cattle industry because they are extremely independent people. With that in mind, increased introduction of legislation into the industry reduces independence. There are certainly sharp enough minds in the cattle industry to figure out what is best for the industry. Cow-calf producers and landowners are the lifeblood of this industry.

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 –February \$142.05 +0.45; April \$146.88 +0.13; June \$141.38 -0.15; Feeder cattle –March \$166.10 -0.63; April \$171.43 -0.38; May \$175.35 -0.28; August \$184.93 -0.20; March corn closed at \$6.21 up 4 cents from Thursday.

Crop Comments by Dr. Aaron Smith

Overview

Cotton and soybeans were up; wheat was down; and corn was mixed for the week.

We have entered arguably the most important time of the year, for risk management, for spring planted row crops in Tennessee – the projected price determination period for corn, cotton, and soybeans. The prices established will be the starting point for many producers' risk management plans for the 2022 crop year. As of February 4, the projected prices were, corn \$5.73, soybeans \$13.88, and cotton \$1.03 (wheat projected price was set September 15 at \$7.14). The next three weeks will determine the final projected prices, but current prices are very positive for crop producers.

Based on Tennessee average yields (as a proxy for APH) and current projected crop insurance prices, with a 75% coverage buy-up, revenue guarantees would be \$735/acre, \$521/acre, and \$824/acre for corn, soybeans, and cotton. These potential revenue guarantees could provide partial mitigation of the high input prices producers are currently facing. Producers will have numerous decisions to make (coverage level, unit structure, plan type, SCO or ECO, and other crop insurance options). As such, working with a qualified crop insurance agent to select the optimal insurance plans for individual operations or fields is essential.

In Tennessee for the 2021 crop year, 92.8% of corn acres, 81.9% of cotton acres, 87% of soybean acres, and 54.8% of wheat acres were insured through Revenue Protection (RP) plans. Other plans purchased by Tennessee producers included YP, area insurance products, and companion policies.

	Previous	Current	Change
USD Index	97.28	95.43	-1.85
Crude Oil	87.01	92.21	5.2
DJIA	34,498	35,172	674

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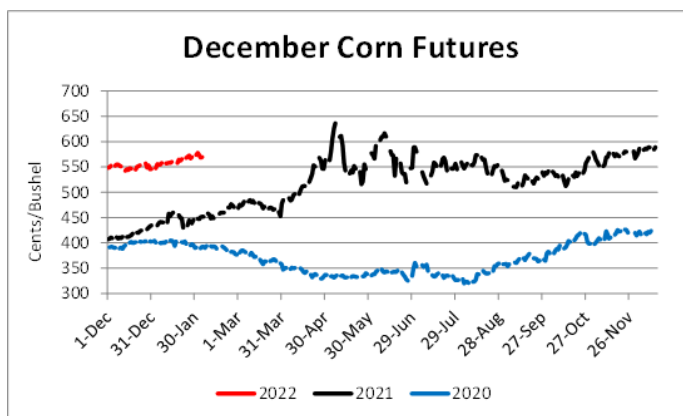
Crop Comments by Dr. Aaron Smith

Final projected crop insurance prices will partially determine planted acres. Last year, Tennessee producers planted an estimated 1.02 million acres of corn, 275,000 acres of cotton, and 1.55 million acres of soybeans, with approximately 31,000 acres prevented from being planted in the spring – a total of 2.88 million acres. Assuming the same number of total acres available for planting, how will planted acres be divided in 2022? My initial estimates would be 350,000 acres of cotton, 1 million acres of corn, and 1.53 million acres of soybeans. Although the runup in soybeans the past two weeks has probably moved the needle towards a few more soybean acres. A lot can change between now and planting, but acreage in Tennessee is likely to remain very competitive and sensitive to relative price movements.

Corn

Ethanol production for the week ending January 28 was 1.041 million barrels per day, up 6,000 from the previous week. Ethanol stocks were 25.854 million barrels, up 1.378 million compared to last week. Corn net sales reported by exporters for January 21-27, 2022, were down compared to last week with net sales of 46.3 million bushels for the 2021/22 marketing year. Exports for the same period were down 19% from last week at 45.9 million bushels. Corn export sales and commitments were 73% 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 67%. Across Tennessee, average corn basis (cash price-nearby futures price) strengthened or remained unchanged at West, Northwest, West-Central, and North-Central elevators and barge points and weakened at Mississippi River elevators and barge points. Overall, basis for the week ranged from 15 under to 43 over, with an average of 16 over the March futures at elevators and barge points. March 2022 corn futures closed at \$6.20, down 16 cents since last Friday. For the week, March 2022 corn futures traded between \$6.10 and \$6.42. Mar/May and Mar/Dec future spreads were 1 and -47 cents. May 2022 corn futures closed at \$6.21, down 12 cents since last Friday.

Corn	Mar 22	Change	Dec 22	Change
Price	\$6.20	-\$0.16	\$5.73	\$0.04
Support	\$6.03	-\$0.14	\$5.60	-\$0.01
Resistance	\$6.31	-\$0.15	\$5.78	\$0.03
20 Day MA	\$6.13	\$0.06	\$5.65	\$0.05
50 Day MA	\$6.00	\$0.04	\$5.56	\$0.01
100 Day MA	\$5.77	\$0.05	\$5.44	\$0.04
4-Week High	\$6.42	\$0.05	\$5.80	\$0.06
4-Week Low	\$5.85	\$0.01	\$5.48	\$0.06
Technical Trend	Up	=	Up	=



New crop cash prices at elevators and barge points ranged from \$5.33 to \$5.83. December 2022 corn futures closed at \$5.73, up 4 cents since last Friday. Downside price protection could be obtained by purchasing a \$5.80 December 2022 Put Option costing 58 cents establishing a \$5.22 futures floor.

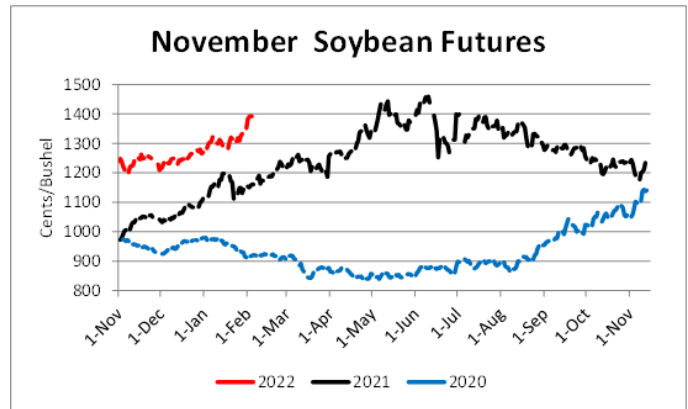
Soybeans

Net sales reported by exporters were up compared to last week with net sales of 40.3 million bushels for the 2021/22 marketing year and 32.4 million bushels for the 2022/23 marketing year. Exports for the same period were down 17% compared to last week at 48.8 million bushels. Soybean export sales and commitments were 81% 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 81%. Across Tennessee, average soybean basis strengthened or remained unchanged at West, Northwest, and West-Central elevators and barge points and weakened at Mississippi River and North-Central elevators and barge points. Basis ranged from 20 under to 41 over, with an average basis of 13 over the March futures contract. March 2022 soybean futures closed at \$15.53, up 83 cents since last Friday. For the week, March 2022 soybean futures traded between \$14.73 and \$15.64. Mar/May and Mar/Nov future spreads were 4 and -158 cents. March 2022 soybean-to-corn price ratio was 2.50 at the end of the week. May 2022 soybean futures closed at \$15.57, up 82 cents since last Friday.

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Crop Comments by Dr. Aaron Smith

Soybeans	Mar 22	Change	Nov 22	Change
Price	\$15.53	\$0.83	\$13.95	\$0.44
Support	\$15.13	\$0.87	\$13.68	\$0.47
Resistance	\$15.75	\$0.74	\$14.11	\$0.36
20 Day MA	\$14.37	\$0.40	\$13.31	\$0.23
50 Day MA	\$13.56	\$0.25	\$12.84	\$0.13
100 Day MA	\$13.09	\$0.12	\$12.62	\$0.07
4-Week High	\$15.64	\$0.85	\$14.00	\$0.40
4-Week Low	\$13.49	\$0.15	\$12.76	\$0.14
Technical Trend	Up	=	Up	=

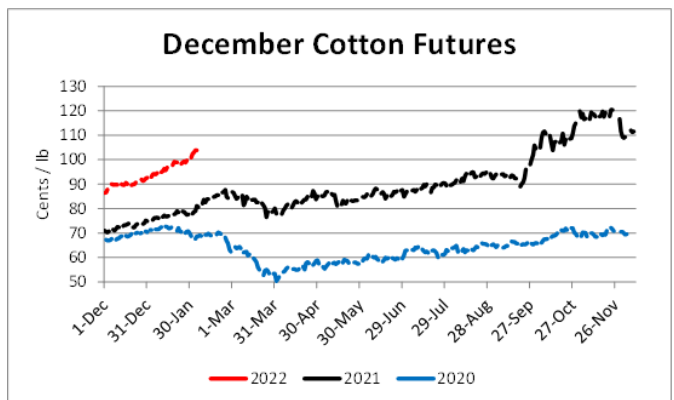


Nov/Dec 2022 soybean-to-corn price ratio was 2.43 at the end of the week. New crop cash soybean prices at elevators and barge points ranged from \$13.42 to \$15.78. November 2022 soybean futures closed at \$13.95, up 44 cents since last Friday. Downside price protection could be achieved by purchasing a \$14.00 November 2022 Put Option which would cost 112 cents and set a \$12.88 futures floor.

Cotton

Net sales reported by exporters were up compared to last week with net sales of 332,100 bales for the 2021/22 marketing year and 315,100 bales for the 2022/23 marketing year. Exports for the same period were up 53% compared to last week at 302,100 bales – a marketing year high. Upland cotton export sales were 82% 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 82%. Delta upland cotton spot price quotes for February 3 were 127.37 cents/lb (41-4-34) and 129.62 cents/lb (31-3-35). Adjusted world price increased 3.67 cents to 116.1 cents. March 2022 cotton futures closed at 126.74 cents, up 2.98 cents since last Friday. For the week, March 2022 cotton futures traded between 123.25 and 129.37 cents. Mar/May and Mar/Dec cotton futures spreads were -2.75 cents and -22.93 cents. May 2022 cotton futures closed at 123.99 cents, up 3.15 cents since last Friday.

Cotton	Mar 22	Change	Dec 22	Change
Price	126.74	2.98	103.81	4.08
Support	124.43	6.90	101.61	4.10
Resistance	129.29	0.58	105.05	3.94
20 Day MA	121.70	3.13	98.87	2.30
50 Day MA	114.27	1.11	93.81	1.09
100 Day MA	110.31	1.72	91.21	1.00
4-Week High	129.37	3.77	104.00	4.00
4-Week Low	114.60	4.60	93.26	2.35
Technical Trend	Up	=	Up	=



December 2022 cotton futures closed at 103.81 cents, up 4.08 cents since last Friday. Downside price protection could be obtained by purchasing a 104 cent December 2022 Put Option costing 9.81 cents establishing a 94.19 cent futures floor.

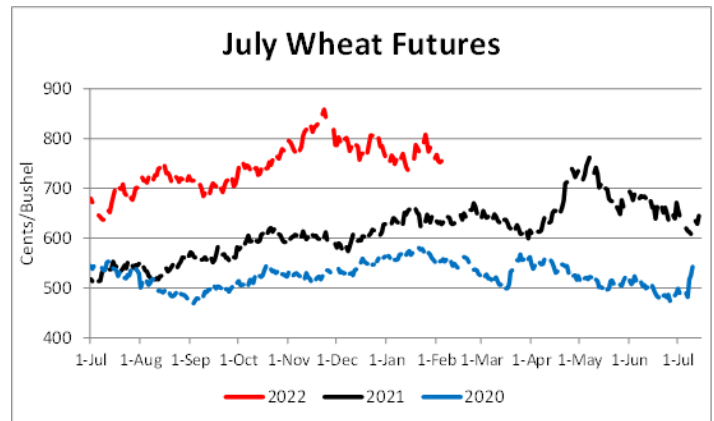
Wheat

Wheat net sales reported by exporters were down compared to last week with net sales of 2.1 million bushels for the 2021/22 marketing year and 3.8 million bushels for the 2022/23 marketing year. Exports for the same period were up 6% from last week at 14.1 million bushels. Wheat export sales were 78% 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 86%. Wheat cash prices at elevators and barge points ranged from \$7.86 to \$8.04. March 2022 wheat futures closed at \$7.63, down 23 cents since last Friday. March 2022 wheat futures traded between \$7.40 and \$7.98 this week. March wheat-to-corn price ratio was 1.23. Mar/May and Mar/Jul future

Crop Comments by Dr. Aaron Smith

spreads were 7 and -2 cents. May 2022 wheat futures closed at \$7.70, down 21 cents since last Friday. May wheat-to-corn futures price ratio was 1.24.

Wheat	Mar 22	Change	Jul 22	Change
Price	\$7.63	-\$0.23	\$7.61	-\$0.21
Support	\$7.32	-\$0.34	\$7.35	-\$0.30
Resistance	\$7.75	-\$0.28	\$7.66	-\$0.30
20 Day MA	\$7.72	\$0.00	\$7.68	\$0.00
50 Day MA	\$7.83	-\$0.08	\$7.79	-\$0.07
100 Day MA	\$7.76	\$0.03	\$7.69	\$0.04
4-Week High	\$8.31	\$0.00	\$8.17	\$0.00
4-Week Low	\$7.35	\$0.00	\$7.36	\$0.00
Technical Trend	Up	=	Up	=



New crop wheat cash prices at elevators and barge points ranged from \$7.20 to \$7.70. July 2022 wheat futures closed at \$7.61, down 21 cents since last Friday. Downside price protection could be obtained by purchasing a \$7.70 July 2022 Put Option costing 59 cents establishing a \$7.11 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_mbbl_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>

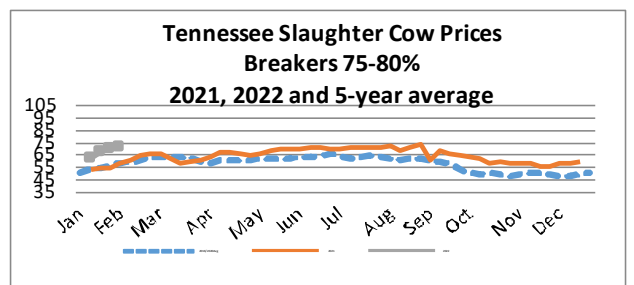
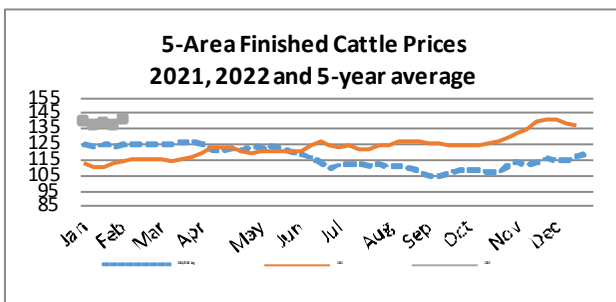
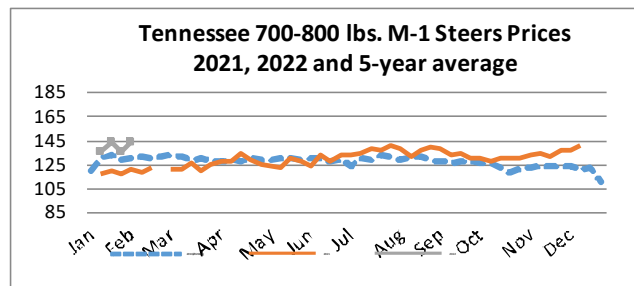
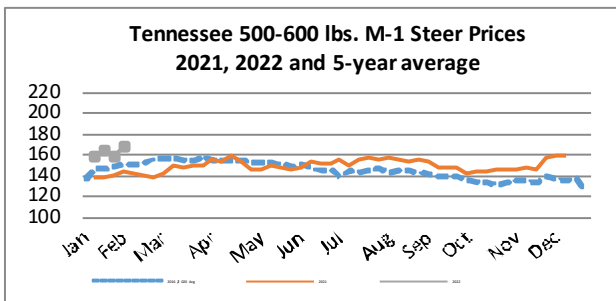
USDA AMS: Market News - <https://www.ams.usda.gov/market-news/search-market-news>

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, January 28, 2022---Thursday, February 3, 2022

	Friday Average	Monday Average	Tuesday Average	Wednesday Average	Thursday Average
No. 2 Yellow Soybeans	-----\$/bushel-----				
Northwest	14.50	14.71		15.35	15.34
North Central	14.70	14.86	15.33	15.40	15.39
West Central	14.80	15.01	15.39	15.55	15.54
West	15.08	15.28	15.66	15.86	15.84
Mississippi River	15.05	15.24	15.60	15.78	15.72
Yellow Corn					
Northwest	6.36	6.26	6.20	6.20	6.18
North Central	6.21	6.11	6.25	6.13	6.07
West Central	6.60	6.50	6.59	6.47	6.41
West	6.79	6.69	6.77	6.65	6.59
Mississippi River	6.71	6.55	6.65	6.50	6.39
Wheat					
Northwest					
North Central	8.16	7.91	8.04	7.90	7.87
West					
Mississippi River	8.26				
Cotton	-----\$/pound-----				
Memphis	123.51-125.76	127.32-129.57	127.08-129.33	126.08-128.33	127.37-129.62



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, January 31, 2022

	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	167.50	215.00	192.33	178.63	166.17
400-500 lbs	161.00	208.00	179.84	177.39	159.92
500-600 lbs	142.00	187.50	165.30	156.75	146.22
600-700 lbs	137.00	166.00	150.39	140.71	134.67
700-800 lbs	125.00	152.00	142.90	135.41	126.73
Steers: Small Frame #1-2					
300-400 lbs	130.00	162.50	148.18	---	---
400-500 lbs	142.50	157.00	149.75	---	135.48
500-600 lbs	---	---	---	---	133.33
600-700 lbs	---	---	---	---	115.55
Steers: Medium/Large Frame #3					
300-400 lbs	145.00	185.00	161.92	152.20	---
400-500 lbs	140.00	174.00	158.84	138.77	---
500-600 lbs	130.00	165.00	147.64	137.06	---
600-700 lbs	125.00	145.00	134.68	127.99	---
700-800 lbs	126.00	140.00	131.21	125.83	---
Holstein Steers					
300-400 lbs	---	---	---	---	---
500-600 lbs	---	---	---	---	---
700-800 lbs	---	---	---	---	---
Slaughter Cows & Bulls					
Breakers 75-80%	58.00	80.00	69.96	69.34	58.44
Boners 80-85%	55.50	80.00	67.10	69.26	46.57
Lean 85-90%	46.00	73.00	57.89	59.70	46.05
Bulls YG 1	75.00	104.00	91.50	98.01	79.63
Heifers: Medium/Large Frame #1-2					
300-400 lbs	135.00	165.00	151.75	146.11	136.74
400-500 lbs	130.00	157.50	144.35	140.49	131.17
500-600 lbs	124.00	150.00	139.30	136.56	125.48
600-700 lbs	119.00	140.00	131.80	125.81	119.22
Heifers: Small Frame #1-2					
300-400 lbs	92.00	150.00	129.97	---	128.43
400-500 lbs	132.50	132.50	132.50	---	116.94
500-600 lbs	110.00	130.00	121.51	---	116.67
600-700 lbs	---	---	---	---	95.50
Heifers: Medium/Large Frame #2-3					
300-400 lbs	120.00	152.50	138.73	132.46	---
400-500 lbs	120.00	142.50	134.27	128.27	---
500-600 lbs	115.00	139.00	125.68	126.18	105.73
600-700 lbs	110.00	135.00	122.74	118.96	---

Cattle Receipts

This week:7,257

Week ago:2,777

Year ago:5,888

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

Graded Sales, Video Board Sales, Video Sales & Loads

Browning Livestock Market-Lafayette, TN

2/2/22

6 loads of steers; weighing 812 lbs.; M&L 1&2, \$150.75

2 loads of steers; weighing 850 lbs.; M&L 1&2, \$150.50

For complete report: https://www.ams.usda.gov/mnreports/ams_3467.pdf

Hardin County Stockyard Video Auction-Savannah, TN

2/2/22

1 load of heifers; weighing 575 lbs.; M&L 1&2, \$159.00

For complete report: https://www.ams.usda.gov/mnreports/ams_3509.pdf

Warren Co. Livestock Graded Sale-McMinnville, TN

2/3/22

Total Receipts: 1,427

For complete report: https://www.ams.usda.gov/mnreports/ams_2079.pdf

Graded Sales, Video Board Sales, Video Sales & Loads

Hodge Livestock Network-February 3, 2022

1 load of steers; est. wt. 800 lbs. Range 700-850 lbs.; Approx. 90% Black & BWF, 10% Reds and Char-X, 80% #1s and 20% #1 ½; 80% Medium and 20% Large; Medium flesh; \$155.50

2 loads of heifers; est. wt. 750 lbs. Range 675-825 lbs.; All Black & BWF; 80% #1s and 20% #1 ½; 80% Medium and 20% Large; Medium flesh; \$143.50

1 load of heifers; est. wt. 700 lbs. Range 600-775 lbs.; All Black & BWF; 80% #1s and 20% #1 ½; 80% Medium and 20% Large; Medium flesh; \$144.00

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; \$142.50

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; \$130.00

Lower Middle Tennessee Cattlemen's Association-Video Board Sale-Columbia, TN

Weighted Average Report for 2/4/22

For complete report:

https://www.ams.usda.gov/mnreports/ams_3340.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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