# Tennessee Market Highlights

October 11, 2019 Number: 41

UTEXTENSION INSTITUTE OF AGRICULTURE

# Trends for the Week Compared to a Week Ago

Slaughter Cows

\$2 lower

Slaughter Bulls

\$2 to \$3 lower

Feeder Steers

Unevenly steady

Feeder Heifers

Steady

Feeder Cattle Index: 144.65

#### Fed Cattle

The 5-area live price on Thursday of \$109.08 was up \$3.36. The dressed price of \$170.08 was up \$3.44.

#### <u>Corn</u>

December closed at \$3.97 a bushel, up 9 cents since last Friday.

#### <u>Soybeans</u>

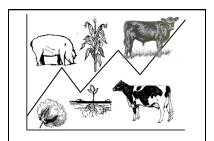
November closed at \$9.36 a bushel, up 25 cents since last Friday.

#### <u>Wheat</u>

December closed at \$5.08 a bushel, up 20 cents since last Friday.

#### <u>Cotton</u>

December closed at 63.88 cents per lb, up 2.28 cents since last Friday.



# Livestock Comments by Dr. Andrew P. Griffith

**FED CATTLE:** Fed cattle trade was not well established at press. Prices looked as if they would be \$1 to \$2 higher compared to last week on a live basis. Asking prices were mainly \$109 live and \$175 dressed.

The 5-area weighted average prices thru Thursday were \$109.08 live, up \$3.36 from last week and \$170.08 dressed, up \$3.44 from a week ago. A year ago, prices were \$110.63 live and \$173.76 dressed.

It was noted last week that strong resistance was evident around \$110 for the October live cattle contract. That resistance is rearing its head again which may be frustrating to cattle feeders. Cattle feeders are doing their best to negotiate higher prices on finished cattle, but it is difficult to convince packers to pay higher prices when the futures market has become stagnant. This situation can bring both parties to a stalemate and frustrate both. Cattle feeders are sure to be the most frustrated as they would like to be raking in strong positive margins, but it may be a couple more months before closeouts are easily in the black. This market will continue to stagnate the next couple of weeks.

**BEEF CUTOUT:** At midday Friday, the Choice cutout was \$215.88 up \$0.25 from Thursday and up \$3.88 from last Friday. The Select cutout was \$188.15 up \$1.49 from Thursday and up \$1.01 from last Friday. The Choice Select spread was \$27.73 compared to \$24.86 a week ago.

The monthly retail meat price report was released this week with little fanfare. The all fresh beef retail value for September was nearly \$5.78 per pound which is \$0.07 per pound less than August but \$0.05 higher than September 2018. The retail value of Choice beef witnessed a similar \$0.07 per pound value decline from August and came in at \$6.01 per pound which was still \$0.07 higher than the value one year ago. September pork values have also moderated from August and came in at \$3.88 per pound which is \$0.09 per pound higher than last year. The composite broiler value has not deviated much the past couple of years and was \$1.86 per pound in September. The retail meat values from September bring little reason for concern, nor do they bring much optimism to the market. Total meat production is something to keep an eye on while trade deals are hashed out. It will take some strong trade deals and China importing a lot of meat protein from any country to help support prices and clear the market.

**OUTLOOK:** Based on Tennessee weekly auction market price averages, steer prices were unevenly steady compared to last week while heifer prices were mostly steady compared to a week ago. Slaughter cow prices were \$2 lower compared to the previous week while bull prices were \$2 to \$3 lower compared to a week ago. Calf and feeder cattle prices remain supported despite the seasonal tendency for prices to decline this time of year. This is not to say that calf prices will not come under pressure the next several weeks, because it is likely prices will decline a little more before turning around. The major aspect of the market to note right now is the strong demand and price premium for weaned and vaccinated calves. The average price of value added steers weighing 525 pounds on Tennessee markets this week was \$14 per hundredweight higher than freshly weaned calves which is a premium of \$73.50 per head. The value difference between 625pound value-added steers and freshly weaned steers of the same weight was a little over \$84 per head. A similar story can be told about heifers, but the premiums are only \$6 to \$9 per hundredweight on value added heifers compared to freshly weaned heifers. Another aspect that may be more exacerbating is that 525 pound freshly weaned bull calves are \$10 per hundredweight behind freshly weaned steers. Thus, a freshly weaned bull calf going to market is nearly \$100 per head back of a 525-pound

# Livestock Comments by Dr. Andrew Griffith

(Continued from page 1)

weaned steer. If \$100 per head is not enough incentive to encourage a producer to castrate, wean for 45 days, and vaccinate then it is doubtful anything can provide enough incentive to get the job done. Another market for producers to keep their eyes on is the slaughter cow market. The slaughter cow market is beginning to decline quickly and the only thing that will turn the market around is time. October and November will be tough months to market slaughter cows. Thin slaughter cows should probably be kept until at least February when they can be marketed with more weight and for a higher price.

**ASK ANDREW, TN THINK TANK:** The East Tennessee Beef Expo in Greeneville, Tennessee was a great educational event this week. I had the opportunity to attend all of the educational sessions as well as sit on a panel with Corbitt Wall discussing some of the major issues influencing cattle markets. I would like to thank all those folks from University of Tennessee Extension and Ag Research who helped lead and coordinate this program. I also appreciate being invited to participate in the panel session. In relation to the panel session, I would like to make a note that Corbitt and I agree on a few things and we view a few things in the industry differently. There is nothing wrong with us having different viewpoints. Corbitt and I both use the available information to draw conclusions and provide insight into what is going on in the industry. My point in this is to encourage readers to critically evaluate the insights and thoughts pro-

Crop Comments by Dr. Aaron Smith

#### **Overview**

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

Futures markets continued their upward trend, closing up across the board for the second consecutive week.

	Previous	Current	Change
USD Index	98.54	98.00	-0.54
Crude Oil	52.45	54.67	2.22
DЛA	26,174	26,988	814

On Thursday, the USDA released the October WASDE report. Compared to

last month's report, average corn yield was revised up 0.2 bu/acre, to 168.4 bu/acre; harvested acres were decreased 200,000 acres; production was up 20 million bushels; exports were down 150 million bushels; and ending stocks were down 261 million. Beginning stocks, for the 2019/20 marketing year were decreased 331 million bushels based on the September 30 Grain Stocks report. Foreign corn stocks were increased 114 million bushels. December corn futures dropped by 14 cents as most analysts expected reductions in production. On Friday, corn futures rallied based on positive trade news with China and weather concerns.

For soybeans, US average yield was decreased 1 bu/acre, to 46.9 bu/acre; harvested acres were decreased by 300,000 acres; production was decreased 83 million bushels; and endings stocks were decreased 180 million bushels to 460 million bushels. November soybean futures are at its highest level since July 15 closing at \$9.36/bu.

For cotton, US average yield was decreased 6 lb/acre to 833 lb/acre; production was decreased 150,000 bales; and ending stocks were decreased 200,000 bales to 7 million bales. Foreign cotton stocks were increased 140,000 bales. December cotton futures closed at 63.88 cents per lb up over 7 cents from the contract low of 56.59 cents per lb on August 26.

For wheat, harvested acres were decreased 300,000 to 38.1 million acres; feed use was decreased 30 million bushels; exports were decreased 25 million bushels; and ending stocks were increased 29 million bushels. Foreign ending stocks were increased 18 million bushels. July 2020 wheat futures are at its highest point since July 25.

vided by people like Corbitt and me. We are not the final authority. How a person uses information for their business is the final authority.

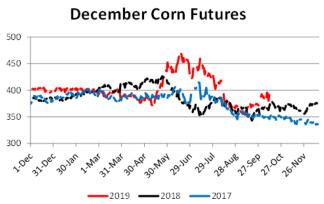
Please send questions and comments to <u>agriff14@utk.edu</u> or send a letter to Andrew P. Griffith, University of Tennessee, P.O. Box 160, 1000 Main Entrance Dr., Spring Hill, TN 37174.

FRIDAY'S FUTURES MARKET CLOSING PRICES: Friday's closing prices were as follows: Live/fed cattle – October \$109.45 +0.73; December \$112.15 +0.73; February \$118.05 +0.78; Feeder cattle –October \$144.10 -0.20; November \$144.25 +0.13; January \$140.48 +0.05; March \$139.15 -0.13; December corn closed at \$3.98 down \$0.18 from Thursday.

#### <u>Corn</u>

Ethanol production for the week ending October 4 was 0.963 million barrels per day, up 5,000 from the previous week. Ethanol stocks were 21.224 million barrels, down 1.995 million barrels compare to last week. Corn net sales reported by exporters for September 27-October 3 were down from last week with net sales of 11.2 million bushels for the 2019/20 marketing year. Exports for the same time period were up 4% from last week at 18.7 million bushels. Corn export sales and commitments were 19% of the USDA estimated total annual exports for the 2019/20 marketing year (September 1 to August 31) compared to the previous 5-year average of 32%. Nationally, the Crop Progress report estimated corn condition at 56% good-to-excellent and 14% poor-to-very poor; corn dented at 93% compared to 88% last week, 100% last year, and a 5-year average of 99%; corn mature at 58% compared to 43% last week, 92% last year, and a 5-year average of 85%; and corn harvested at 15% compared to 11% last week, 33% last year, and a 5-year average of 27%. In Tennessee, the Crop Progress report estimated corn condition at 85% good-to-excellent and 4% poor-to-very poor; corn mature at 100% compared to 98% last week, 98% last year, and a 5-year average of 98%; and corn harvested at 88% compared to 74% last week, 77% last year, and a 5-year average of 80%. Across Tennessee, average corn basis (cash price-nearby futures price) strengthened at Memphis, Northwest Barge Points, Upper-middle, and Northwest Tennessee. Overall, basis for the week ranged from 43 under to 9 under with an average of 23 under the December futures at elevators and barge points. December 2019 corn futures closed at \$3.97, up 9 cents since last Friday. Downside price protection could be obtained by purchasing a \$4.00 December 2019 Put Option costing 12 cents establishing a \$3.88 futures floor. For the week, December 2019 corn futures traded between \$3.78 and \$3.98.

Corn	Dec 19	Change	Dec 20	Change	D
rice	\$3.97	\$0.09	\$4.10	\$0.05	500
upport	\$3.67	-\$0.16	\$4.01	-\$0.02	
les istance	\$4.01	\$0.08	\$4.11	\$0.05	450
0 Day MA	\$3.81	\$0.09	\$4.05	\$0.01	19USNa 400
0 Day MA	\$3.78	-\$0.04	\$4.05	-\$0.01	350
00 Day MA	\$4.09	\$0.00	\$4.11	\$0.00	300
-Week High	\$3.98	\$0.06	\$4.11	\$0.00	1.0ec 31.0ec 30.18
-Week Low	\$3.53	\$0.01	\$3.97	\$0.03	ેર જેર ર
echnical Trend	Up	=	Up	=	



Dec/Mar and Dec/Dec future spreads were 10 and 13 cents. In Tennessee, January corn cash contracts averaged \$4.03 with a range of \$3.87 to \$4.14. March 2020 corn futures closed at \$4.07, up 7 cents since last Friday. December 2020 corn futures closed at \$4.10, up 5 cents since last Friday.

#### Soybeans

Net sales reported by exporters were up compared to last week with net sales of 76.9 million bushels for the 2019/20 marketing year and 0.1 million bushels 2020/21 marketing year. Exports for the same period were up 13% compared to last week at 38.2 million bushels. Soybean export sales and commitments were 34% of the USDA estimated total annual exports for the 2019/20 marketing year (September 1 to August 31), compared to the previous 5-year average of 48%. Nationally, the Crop Progress report estimated soybean condition at 53% good-to-excellent and 15% poor-to-very poor; soybeans dropping leaves at 72% compared to 55% last week, 90% last year, and a 5-year average of 87%; and soybeans harvested at 14% compared to 7% last week, 31% last year, and a 5-year average of 34%. In Tennessee, the Crop Progress report estimated soybean condition at 59% good-to-excellent and 10% poor-to-very poor; soybeans dropping leaves at 85% compared to 71% last week, 81% last year, and a 5-year average of 80%; and soybeans harvested at 39% compared to 27% last week, 28% last year, and a 5-year average of 27%. Average soybean basis strengthened at Memphis and Northwest Barge Points and weakened at Upper-middle and Northwest Tennessee. Basis ranged from 68 under to 15 under the November futures contract at elevators and barge points. Average basis at the end of the week was 45 under the November 2019 soybean futures closed at \$9.36, up 25 cents since last Friday. For the week, November 2019 soybean futures traded between \$9.25 and \$9.48. November/December 2019 soybean-to-corn price ratio was 2.36 at the end of the week.

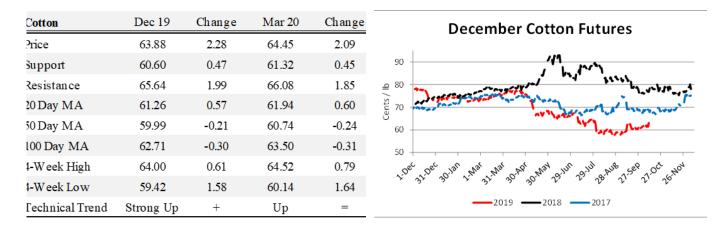
## Crop Comments by Dr. Aaron Smith

Soybeans	Nov 19	Change	Jan 20	Change	November Soybean Futures
Price	\$9.36	\$0.25	\$9.50	\$0.24	
Support	\$9.10	\$0.08	\$9.25	\$0.09	
Resistance	\$9.40	\$0.17	\$9.53	\$0.16	E 1000 methode and the free the start of the second
20 Day MA	\$9.04	\$0.14	\$9.18	\$0.14	
50 Day MA	\$8.85	\$0.04	\$8.98	\$0.04	
100 Day MA	\$8.94	\$0.04	\$9.07	\$0.04	800
4-Week High	\$9.39	\$0.19	\$9.53	\$0.20	word the that the was that was that the thin this tee the the
4-Week Low	\$8.69	\$0.18	\$8.83	\$0.18	
Technical Trend	Strong Up	+	Strong Up	=	201920182017

Nov/Jan and Nov/Nov future spreads were 14 and 34 cents. January 2020 soybean futures closed at \$9.50, up 24 cents since last Friday. In Tennessee, January 2020 cash contracts ranged from \$8.95 to \$9.38. Nov/Dec 2020 soybean-to-corn price ratio was 2.37 at the end of the week. November 2020 soybean futures closed at \$9.70, up 9 cents since last Friday. Downside price protection could be achieved by purchasing a \$9.80 November 2020 Put Option which would cost 61 cents and set a \$9.19 futures floor.

#### **Cotton**

Net sales reported by exporters were down compared to last week with net sales of 188,800 bales for the 2019/20 marketing year and net sales cancelations of 5,300 bales for the 2020/21 marketing year. Exports for the same time period were down 4% compared to last week at 149,100 bales. Upland cotton export sales were 58% of the USDA estimated total annual exports for the 2019/20 marketing year (August 1 to July 31), compared to the previous 5-year average of 51%. Nationally, the Crop Progress report estimated cotton condition at 39% good-to-excellent and 19% poor-to-very poor; cotton bolls opening at 83% compared to 77% last week, 76% last year, and a 5-year average of 75%; and cotton harvested at 25% compared to 16% last week, 24% last year, and a 5-year average of 20%. In Tennessee, the Crop Progress report estimated cotton condition at 63% good-to-excellent and 11% poor-to-very poor; cotton bolls opening at 90% compared to 82% last week, 96% last year, and a 5-year average of 89%; and cotton harvested at 22% compared to 12% last week, 30% last year, and a 5-year average of 17%. Delta upland cotton spot price quotes for October 10 were 60.92 cents/lb (41-4-34) and 63.17 cents/lb (31-3-35). Adjusted World Price (AWP) increased 0.54 cents to 53.9 cents. December 2019 cotton futures closed at 63.88, up 2.28 cents since last Friday. For the week, December 2019 cotton futures traded between 60.79 and 64 cents. Downside price protection could be obtained by purchasing a 64 cent December 2019 Put Option costing 1.97 cents establishing a 62.03 cent futures floor.

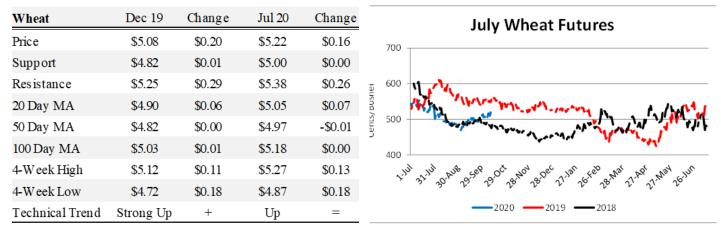


Dec/Mar and Dec/Dec cotton futures spreads were 0.57 cents and 1.53 cents. March 2020 cotton futures closed at 64.45, up 2.09 cents since last Friday. December 2020 cotton futures closed at 65.41, up 0.78 cents since last Friday.

# Crop Comments by Dr. Aaron Smith

#### Wheat

Nationally, the Crop Progress report estimated spring wheat harvested at 91% compared to 90% last week, 100% last year, and a 5-year average of 99%; winter wheat planted at 52% compared to 39% last week, 55% last year, and a 5-year average of 53%; and winter wheat emerged at 26% compared to 11% last week, 28% last year, and a 5-year average of 26%. In Tennessee, winter wheat planted was estimated at 16% compared to 10% last week, 16% last year, and a 5-year average of 15%; and winter wheat emerged at 3% compared to 2% last week, 9% last year, and a 5-year average of 3%. Wheat net sales reported by exporters were up compared to last week with net sales of 19.2 million bushels for the 2019/20 marketing year. Exports for the same time period were down 14% from last week at 17.9 million bushels. Wheat export sales were 51% of the USDA estimated total annual exports for the 2019/20 marketing year (June 1 to May 31), compared to the previous 5-year average of 57%. In Tennessee, October 2019 wheat cash contracts ranged from \$4.85 to \$5.32 for the week. December 2019 wheat futures closed at \$5.08, up 20 cents since last Friday. December 2019 wheat futures traded between \$4.86 and \$5.12 this week. December wheat-to-corn price ratio was 1.28.



Dec/Mar and Dec/Jul future spreads were 6 and 14 cents. March 2020 wheat futures closed at \$5.14, up 18 cents since last Friday. In Memphis, June/July 2020 cash contracts ranged from \$5.06 to \$5.17. July 2020 wheat futures closed at \$5.22, up 16 cents since last Friday. Downside price protection could be obtained by purchasing a \$5.30 July 2020 Put Option costing 37 cents establishing a \$4.93 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 - https://www.eia.gov/dnav/pet/pet\_pnp\_wprode\_s1\_w.htm

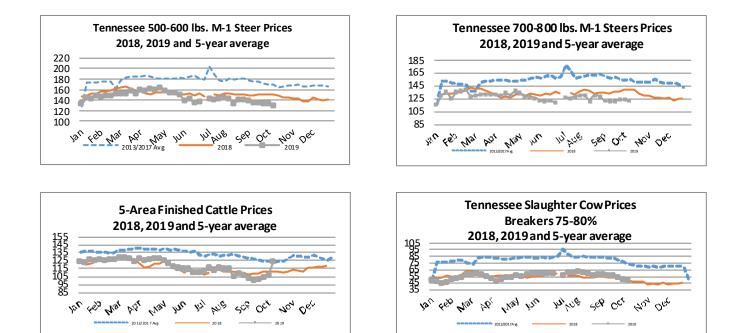
EIA: Weekly Supply Estimates - https://www.eia.gov/dnav/pet/pet\_sum\_sndw\_a\_EPOOXE\_sae\_mbbl\_w.htm

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

Tennessee Crop Progress - <u>https://www.nass.usda.gov/Statistics by State/Tennessee/Publications/Crop Progress & Condition/</u>U.S. Crop Progress - <u>http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1048</u> 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 <u>aaron.smith@utk.edu</u>.

	Friday, October 4, 2019Thursday, October 10, 2019									
	Friday		Monday		Tuesday		Wednesday		Thursday	
	Low	High	Low	High	Low	High	Low	High	Low	High
No. 2 Yellow Soybeans					\$/bu	shel				
Memphis	8.92	-8.93	8.91	-8.95	8.97	-9.06	9.08	-9.06		
N.W. B.P.	8.87-8.88		8.86-8.87		8.94-8.96		9.04-9.04		9.03-9.03	
N.W. TN	8.53-8.60		8.49-8.57		8.55-8.63		8.58-8.64		8.63-8.64	
Upper Md.	8.65-8.79		8.70-8.73		8.69-8.83		8.82-8.84		8.56-8.82	
ellow Corn										
Memphis	3.63	-3.75	3.67	-3.77	3.76	-3.84	3.76	-3.82		
N.W. B.P.	3.59	-3.62	3.67	-3.67	3.76	-3.78	3.74	-3.76	3.61	-3.61
N.W. TN	3.57	-3.60	3.57-3.67		3.66	6-3.87 3.64-3.74		-3.74	3.50-3.64	
Upper Md.	3.53	-3.57	3.53	-3.56	3.53	-3.58	3.53	-3.60	3.44	-3.59
Wheat										
Memphis										
Cotton										
Memphis	61.17	-63.42	61.33	-63.58	60.82	-63.07	61.59	-63.84	60.92	-63.17



## **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 Wee		Last Week's	October 11, 2019 Year Ago Weighted Average	
-	Low	High		_		
-		-	\$/cwt-			
			.,			
300-400 lbs	115.50	162.00	139.34	148.95	162.37	
400-500 lbs	125.00	151.00	134.72	140.39	155	
500-600 lbs	113.00	145.00	129.16	133.13	148.36	
600-700 lbs	110.00	135.00	122.38	127.75	142.01	
700-800 lbs	102.00	132.00	121.86	123.22	138.9	
Steers: Small Frame #	1-2					
300-400 lbs				127.39		
400-500 lbs	120.00	135.00	127.67		131.75	
500-600 lbs				111.06	122.92	
600-700 lbs				105.49		
Steers: Medium/Large	e Frame #3					
300-400 lbs	111.00	141.00	131.93	132.20	147.92	
400-500 lbs	115.00	140.00	129.80	132.92	141.28	
500-600 lbs	108.00	135.00	121.63	124.35	135.46	
600-700 lbs	105.00	130.00	117.17	124.89	129.5	
700-800 lbs	101.00	123.00	117.16	122.42	122.96	
Holstein Steers			11/110			
300-400 lbs						
500-600 lbs	70.00	77.00	73.45	71.17		
700-800 lbs						
Slaughter Cows & Bull	s					
Breakers 75-80%	41.00	58.00	48.10	49.93	46.04	
Boners 80-85%	41.50	57.00	47.88	50.13	47.47	
Lean 85-90%	33.50	48.00	40.64	42.56	42.13	
Bulls YG 1	62.00	40.00 80.00	70.84	73.67	71.86	
Heifers: Medium/Larg		00.00	,0.04	/ 5.07	, 1.00	
300-400 lbs		132.00	117.55	118.01	140.04	
400-500 lbs	100.00	218.00	114.16	115.75	134.52	
500-600 lbs	94.00	195.00	111.45	113.59	129.32	
600-700 lbs	89.00	125.00	109.50	110.09	124.95	
Heifers: Small Frame #		123.00	105.50	110.05	127.00	
300-400 lbs	100.00	120.00	106.83	100.41	124.07	
400-500 lbs	100.00	120.00	100.83	101.35	119.63	
500-600 lbs	103.00	108.00	105.58	98.49	118.33	
600-700 lbs	89.00	125.00	109.50	93.28		
Heifers: Medium/Larg		120.00	105.50	JJ.20		
300-400 lbs	92.00	125.00	113.39	110.39	131.15	
400-500 lbs	96.00	123.00	109.29	109.07	125.29	
500-600 lbs	85.00	121.00	106.90	109.07	123.52	
600-700 lbs	85.00	111.00	99.77	106.21	117.25	

Cattle Receipts

This week:7,952

Week ago:11,246

Year ago:8,660 (9)

## Graded Sales, Video Board Sales, Video Sales & Loads

#### East Tennessee Livestock Center

#### Video Sale Report for October 9, 2019

Lot #1 1 load out of 75 steers from BQA certified producer Est. weight 820 lbs 95%L&M-1s & 5% L&M-s; medium flesh 100% Black/BWF; \$139.50

#### Blue Grass Stockyards

#### Internet Sale for October 8, 2019

1 load of 81; mostly blk strs; avg. wt. 610lbs., \$143.50 1 load of 85; mostly blk hfrs; avg. wt. 585lbs., \$134.50 1 load of 67; mostly blk hfrs; avg. wt. 740lbs., \$130.00 2 loads of 176; mostly blk strs; avg. wt. 850lbs., \$134.75 1 load of 61; mostly blk strs; avg. wt. 810lbs., \$136.00 1 load of 72, mixed strs; avg. wt. 685lbs., \$141.50

### East Tennessee Livestock Center, Sweetwater, TN Graded Feeder Sale

Weighted Average Report for October 4, 2019 Receipts: 499 For complete report: https://www.ams.usda.gov/mnreports/lsd\_mars\_2073.pdf **Graded Sheep & Goat Sale** 

#### Department of Agricultural and Resource Economics

314 Morgan Hall • 2621 Morgan Circle • <u>arec.tennessee.edu</u> USDA / Tennessee Department of Agriculture Market News Service <u>http://www.tennessee.gov/agriculture/article/ag-farms-market-news</u>

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