

## 2021 Augusta Market Animal Show Ultrasound Steer Carcass Data

Steer Tag #	Last Name	First Name	Show Placing	Grade	Nov 2020 Weight	May 2021 Weight	ADG	HCW	Ribeye Area	Rib Fat	%KPH	Final Yield Grade	% BTRC	%Retail Product	%IMF	Carcass Quality Grade	Actual Carcass \$/cwt	Total Carcass \$Value	Carcass \$Value of Gain/Day	Live Value
1	Eavers	Carrter	D1 Chp	Choice -	582	1025	2.58	651	12.3	0.57	3.50%	3.16	51.08	71.45	3.36	High Select	\$216.81	\$1,411.16	\$4.66	\$1.38
3	Eavers	Carrter	Res GC	Choice	814	1345	3.09	854	13.2	0.39	3.50%	3.20	50.89	75.15	4.06	Low Choice	\$232.28	\$1,983.85	\$6.44	\$1.47
4	Eavers	Mattie	2	Choice	820	1355	3.11	860	13.3	0.6	3.50%	3.71	49.70	71.47	4.43	Low Choice	\$232.28	\$1,998.60	\$6.17	\$1.47
6	Eavers	Mattie	D2 Chp	Choice	718	1200	2.80	762	13.8	0.45	3.50%	2.80	51.85	74.41	4.23	Low Choice	\$232.28	\$1,769.97	\$5.76	\$1.47
7	Weaver	Sydney	1	Choice -	666	1180	2.99	749	13.5	0.57	3.50%	3.15	51.05	72.11	4.69	Low Choice	\$232.28	\$1,740.47	\$5.83	\$1.47
10	Ashby	Samuel	4	Choice	562	1215	3.80	772	13.3	0.75	3.50%	3.75	49.66	68.80	6.27	Choice	\$238.87	\$1,842.94	\$6.90	\$1.52
11	Ashby	Samuel	3	Choice	554	1290	4.28	819	14.4	0.47	3.50%	2.88	51.65	74.38	4.44	Low Choice	\$232.28	\$1,902.72	\$8.07	\$1.47
22	Hemp	Hailey	2	Choice	716	1270	3.22	806	14.4	0.39	3.50%	2.63	52.23	75.81	4.15	Low Choice	\$232.28	\$1,873.22	\$6.60	\$1.47
27	Irvine	Sawyer	5	Choice -	602	1120	3.01	711	16.1	0.44	3.50%	1.85	54.08	75.85	3.15	High Select	\$207.36	\$1,474.74	\$5.43	\$1.32
28	Mish	Summer	5	Choice	628	1310	3.97	832	14.2	0.71	3.50%	3.59	49.99	70.01	4.62	Low Choice	\$232.28	\$1,932.22	\$7.19	\$1.47
29	Mish	Trevor	5	Choice -	560	1290	4.24	819	14.1	0.62	3.50%	3.35	50.56	71.55	3.73	High Select	\$216.81	\$1,776.00	\$7.20	\$1.38
30	Mish	Trevor	3	Choice -	636	1330	4.03	845	14.7	0.55	3.50%	3.08	51.17	73.13	4.9	Low Choice	\$232.28	\$1,961.72	\$7.63	\$1.47
31	Mish	Summer	5	Choice	706	1390	3.98	883	14.4	0.94	3.50%	4.30	48.34	66.03	4.95	Low Choice	\$221.04	\$1,951.01	\$6.55	\$1.40
32	Caricofe	Elissa	3	Select +	534	1075	3.15	683	12.5	0.37	3.50%	2.72	52.09	75.12	2.91	Low Select	\$216.81	\$1,480.00	\$5.75	\$1.38
35	Caricofe	Blake	3	Select +	695	1130	2.53	718	12.3	0.27	3.50%	2.67	52.19	76.79	3.43	High Select	\$216.81	\$1,555.72	\$5.07	\$1.38
39	Harris	Kadyn	2	Choice	746	1430	3.98	908	15.2	0.57	3.50%	3.21	50.83	73.04	2.92	Low Select	\$212.13	\$1,926.25	\$7.01	\$1.35
40	Harris	Kadyn	2	Choice -	692	1185	2.87	752	13.1	0.48	3.50%	3.07	51.25	73.49	4.47	Low Choice	\$232.28	\$1,747.85	\$5.77	\$1.47
44	Coleman	Wesley	3	Choice	748	1200	2.63	762	13.5	0.48	3.50%	2.98	51.45	73.71	7.71	High Choice	\$238.87	\$1,820.19	\$5.61	\$1.52
45	Coleman	Wesley	7	Choice -	658	1125	2.72	714	13.9	0.59	3.50%	2.94	51.56	71.98	4.21	Low Choice	\$232.28	\$1,659.35	\$5.35	\$1.47
49	Ambler	Emma	5	Choice	770	1455	3.98	924	15.2	0.62	3.50%	3.40	50.40	72.15	2.36	Low Select	\$212.13	\$1,959.92	\$6.96	\$1.35
50	Davis	Janie	3	Choice	804	1420	3.58	902	16.3	0.45	3.50%	2.54	52.40	75.78	3.43	High Select	\$212.13	\$1,912.78	\$6.71	\$1.35
51	Tutwiler	Erin	5	select +	790	1250	2.67	794	12.4	0.26	3.50%	2.90	51.62	77.02	2.73	Low Select	\$216.81	\$1,720.93	\$5.45	\$1.38
64	Strother	Donald	D3 RC	Choice	784	1375	3.44	873	14	0.5	3.50%	3.29	50.67	73.63	5.04	Low Choice	\$232.28	\$2,028.09	\$6.87	\$1.47
65	Hildebrand	Bryce	2	Choice -	768	1320	3.21	838	12.8	0.3	3.50%	3.04	51.27	76.53	3.15	High Select	\$216.81	\$1,817.30	\$6.27	\$1.38
66	Hildebrand	Brynan	3	Choice	778	1345	3.30	854	14.3	0.5	3.50%	3.12	51.07	73.79	4.3	Low Choice	\$232.28	\$1,983.85	\$6.64	\$1.47
81	Hickey	Scott	4	Choice	794	1315	3.03	835	13.3	0.44	3.50%	3.22	50.86	74.31	4.44	Low Choice	\$232.28	\$1,939.60	\$6.25	\$1.47
82	Hickey	Scott	4	Choice	790	1210	2.44	768	15.4	0.77	3.50%	3.12	51.12	69.60	5.31	Low Choice	\$232.28	\$1,784.72	\$4.90	\$1.47
89	Maddox	Kylee	6	Select +	658	1235	3.35	784	15	0.52	3.50%	2.68	52.12	73.82	3.6	High Select	\$216.81	\$1,700.28	\$6.14	\$1.38
91	Thornton	Colton	4	Choice -	838	1525	3.99	968	16.1	0.57	3.50%	3.15	50.94	73.54	4.75	Low Choice	\$227.60	\$2,204.02	\$7.72	\$1.45
102	Riley	Bryson	4	Choice	652	1285	3.68	816	13.5	0.67	3.50%	3.66	49.85	70.33	3.89	High Select	\$216.81	\$1,769.12	\$6.34	\$1.38
103	Riley	Bryson	4	Select +	536	1195	3.83	759	13.4	0.6	3.50%	3.30	50.71	71.52	4.46	Low Choice	\$232.28	\$1,762.60	\$7.00	\$1.47
104	Riley	Benjamin	5	Choice	628	1185	3.24	752	11.5	0.49	3.50%	3.60	50.00	72.44	3.83	High Select	\$216.81	\$1,631.44	\$5.81	\$1.38
107	Riley	Benjamin	4	Choice -	710	1265	3.23	803	13.6	0.67	3.50%	3.58	50.04	70.39	3.71	High Select	\$216.81	\$1,741.58	\$5.72	\$1.38
112	Begoon	Ruebin	3	Select +	756	1195	2.55	759	13.4	0.5	3.50%	3.05	51.29	73.30	2.87	Low Select	\$216.81	\$1,645.21	\$4.95	\$1.38
113	Swope	Ella	4	Choice	766	1380	3.57	876	12.3	0.61	3.50%	4.12	48.75	70.74	2.56	Low Select	\$216.81	\$1,899.91	\$6.34	\$1.38

	N.WT	M. WT	ADG	HCW	REA	Rib Fat	%KPH	FYG	% BCTRC
2021 Averages	685	1230	3.17	806	13.85	0.53	N/A	3.17	50.99
2019 Averages	651	1242	3.30	792	13.10	0.53	N/A	3.35	48.97
2018 Averages	650	1241	3.30	788.2	13.12	0.53	N/A	3.34	49.00
2017 Averages	690	1255	3.16	773.8	13.98	0.46	2.55	2.67	50.66
2016 Averages	648	1226	3.23	749.7	13.76	0.51	2.25	2.74	50.56
2015 Averages	672	1240	3.09	766	13.74	0.59	2.34	3.03	49.89
2014 Averages	669	1242	3.07	744.6	13.33	0.49	2.38	2.84	50.35
2013 Averages	652	1232	3.07	748.7	13.45	0.50	2.37	2.84	50.34
2012 Averages	651	1202	3.08	728	13.30	0.52	2.00	2.78	50.48
2011 Averages	658	1238	3.24	765	13.60	0.52	2.40	2.90	50.19
2010 Averages	676	1241	3.17	758	13.30	0.49	1.80	2.76	50.46
2009 Averages	658	1256	3.21	774	13.00	0.49	2.10	2.96	50.00
2008 Averages	662	1260	3.25	785	13.10	0.55	2.30	3.10	49.50
2007 Averages		1251		772	12.90	0.47	2.60	3.60	48.80

Average Value of Gain for Steer carcasses grading at least Choice - or better	\$6.30
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**Explanation of Carcass Data Column Headings**

**HCW:** Hot Carcass Weight is the steer carcass weight within 24 hours of harvest

**Ribeye Area:** true cross sectional area of the loineye between the 12<sup>th</sup> and 13<sup>th</sup> ribs

**Ribfat:** actual fat thickness of the carcass over the loineye between the 12th and 13th ribs

**%KPH:** Percent Kidney, Pelvic & Heart fat is esimated percentage of fat carcass weight in these areas

**Final Yield Grade:** 0 - 5 rating of the expected amount of carcass retail product, lower yield grade number means higher expected retail product

**%IMF =** Percent Intramuscular fat, indicator trait for marbling score and component of Quality Grade

**Retail Product=** Regression formula to predict % red meat yield.

**%BCTRC:** Percent Boneless Closely Trimmed Retail Cutability is, similar to Yield Grade, another estimate of the actual amount of true retail product in the steer carcass

**Carcass Quality Grade:** an estimation of the intramuscular fat content of the loineye between the 12th and 13th ribs. These grades include Prime, Choice, Select and Standard and reflect the flavor contributors of the product such as juiciness and to some degree tenderness

**Actual Carcass \$/cwt and Total Carcass \$ Value** reflect the dollar value of the steer carcass after premiums and discounts are applied for quality and cutability

**Carcass \$Value Gain/Day:** based on carcass value, estimates per pound value of red meat yield during feeding period. This number is closely tied to profitability and should be ≥ \$2.00/lb in consideration of today's cost of gain

	Carcass	Live conversion
Dressing Percentage	64%	
Choice 2-3 600-900 carcass	\$232.28	\$147.50
Select 2-3 600-900 carcass	\$216.81	\$137.67
Choice select spread	-\$15.47	-\$9.82
400-500 lb carcass	-\$27.14	-\$17.23
500-600 lb carcass	-\$16.04	-\$10.19
900-1000 lb carcass	-\$4.68	-\$2.97
1000+ discount	-\$16.07	-\$10.20
Prime 1-3	\$14.62	\$9.28
Certified 1-3	\$6.59	\$4.18
Choice 1	\$3.69	\$2.34
Select 1	-\$9.45	-\$6.00
Standard 1-3	-\$27.23	-\$17.29
Prime 4	\$2.02	\$1.28
Choice 4	-\$11.24	-\$7.14

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