

2019 Augusta Market Animal Show Ultrasound Steer Carcass Data

Steer Tag #	Last Name	First Name	Show Placing	Nov 2017 Weight	May 2018 Weight	ADG	HCW	Ribeye Area	Rib Fat	%KPH	Final Yield Grade	% BCTRC	%Retail Product	%IMF	Carcass Quality Grade	Actual Carcass \$/cwt	Total Carcass \$Value	Carcass \$Value of Gain/Day	Live Value
172	Allen	Steven	3	672.00	1,340	3.73	851	13.7	0.63	3.5	3.62	48.31	66.06	3.56	High Select	\$190.51	\$1,621.05	\$5.29	\$1.21
208	Almarode	Ashlyn	4	718.00	1,220	2.80	775	11.7	0.61	3.5	3.92	47.66	65.32	4.22	Low Choice	\$204.01	\$1,580.47	\$4.42	\$1.30
209	Almarode	Ashlyn	5	700.00	1,150	2.51	730	11.6	0.53	3.5	3.59	48.46	66.69	4.93	Low Choice	\$204.01	\$1,489.78	\$4.10	\$1.30
121	Ashby	Samuel	6	598.00	1,235	3.56	784	12.3	0.78	3.5	4.19	47.03	62.63	7.01	High Choice	\$192.80	\$1,511.99	\$4.80	\$1.22
122	Ashby	Samuel	2	592.00	1,270	3.79	806	13	0.87	3.5	4.28	46.82	61.41	5.38	Low Choice	\$192.80	\$1,554.84	\$4.97	\$1.22
143	Bowers	Cameron	5	646.00	1,260	3.43	800	12.1	0.55	3.5	3.74	48.06	66.61	5.02	Low Choice	\$204.01	\$1,632.28	\$5.28	\$1.30
191	Caricofe	Blake	5	636.00	1,275	3.57	810	12.7	0.69	3.5	3.94	47.61	64.45	4.95	Low Choice	\$204.01	\$1,651.72	\$5.28	\$1.30
190	Caricofe	Elissa	1	602.00	1,170	3.17	743	12.1	0.56	3.5	3.55	48.54	66.43	5.33	Low Choice	\$204.01	\$1,515.69	\$4.87	\$1.30
156	Coffey	Dylan	2	802.00	1,425	3.48	905	13.1	0.53	3.5	3.77	47.95	67.51	3.17	High Select	\$186.01	\$1,683.16	\$5.08	\$1.18
158	Coffey	Dylan	4	588.00	1,175	3.28	746	10.9	0.76	3.5	4.45	46.46	62.22	4.08	Low Choice	\$192.80	\$1,438.53	\$4.43	\$1.22
182	Collins	Tanner	6	584.00	1,385	4.47	879	12.1	0.54	3.5	4.02	47.38	66.78	4.09	Low Choice	\$192.80	\$1,695.63	\$6.27	\$1.22
221	Conner	Hannah	5	640.00	1,190	3.07	756	12.4	0.32	3.5	2.90	50.03	70.86	4.06	Low Choice	\$204.01	\$1,541.60	\$5.09	\$1.30
222	Conner	Hannah	5	606.00	1,180	3.21	749	13.6	0.69	3.5	3.42	48.84	64.94	6.73	Choice	\$209.29	\$1,568.21	\$4.94	\$1.33
114	Dedo	Sierra	4	676.00	1,125	2.51	714	11.8	0.55	3.5	3.51	48.64	66.44	3.86	High Select	\$190.51	\$1,360.96	\$3.79	\$1.21
112	Deming	Cheyenne	4	710.00	1,405	3.88	892	13.4	0.64	3.5	3.90	47.65	65.72	3.66	High Select	\$190.51	\$1,699.68	\$5.48	\$1.21
113	Deming	Montana	3	672.00	1,170	2.78	743	11.4	0.51	3.5	3.65	48.31	66.93	4.08	Low Choice	\$204.01	\$1,515.69	\$4.45	\$1.30
170	Dull	Mason	4	644.00	1,260	3.44	800	12	0.66	3.5	4.05	47.35	64.60	4.49	Low Choice	\$192.80	\$1,542.59	\$4.85	\$1.22
150	Eavers	Bella	2	714.00	1,315	3.36	835	12.4	0.45	3.5	3.53	48.54	68.55	3.85	High Select	\$190.51	\$1,590.81	\$5.04	\$1.21
151	Eavers	Bella	2	742.00	1,300	3.12	826	14.1	0.45	3.5	2.95	49.89	69.48	5.39	Low Choice	\$204.01	\$1,684.10	\$5.16	\$1.30
153	Eavers	Carrter	1	552.00	1,090	3.01	692	13.6	0.44	3.5	2.58	50.81	69.38	4.36	Low Choice	\$204.01	\$1,412.06	\$4.80	\$1.30
154	Eavers	Carrter	D1C	670.00	1,155	2.71	733	13.4	0.71	3.5	3.47	48.72	64.47	5.44	Low Choice	\$204.01	\$1,496.26	\$4.19	\$1.30
147	Eavers	Hannah	1	758.00	1,470	3.98	933	16.4	0.25	3.5	2.12	51.74	74.30	3.67	High Select	\$186.01	\$1,736.31	\$6.23	\$1.18
148	Eavers	Hannah	D4RC	808.00	1,400	3.31	889	16	0.6	3.5	2.96	49.83	67.86	3.42	High Select	\$190.51	\$1,693.63	\$5.02	\$1.21
212	Flesher	Autumn	3	532.00	1,180	3.62	749	14.4	0.21	3.5	1.96	52.20	73.91	3.77	High Select	\$195.18	\$1,462.48	\$5.75	\$1.24
213	Flesher	Autumn	1	614.00	1,255	3.58	797	12.9	0.69	3.5	3.83	47.88	64.56	3.84	High Select	\$190.51	\$1,518.22	\$4.93	\$1.21
210	Flesher	Eli	2	788.00	1,460	3.75	927	15.3	0.38	3.5	2.78	50.23	71.38	2.91	Low Select	\$186.01	\$1,724.50	\$5.72	\$1.18
211	Flesher	Eli	4	594.00	1,190	3.33	756	11.2	0.36	3.5	3.39	48.91	69.49	2.53	Low Select	\$190.51	\$1,439.59	\$4.96	\$1.21
164	Fridley	Kyndall	3	688.00	1,275	3.28	810	14.5	0.88	3.5	3.84	47.84	62.05	4.22	Low Choice	\$204.01	\$1,651.72	\$4.77	\$1.30
165	Fridley	Kyndall	5	736.00	1,420	3.82	902	18.5	0.37	3.5	1.63	52.90	73.31	2.62	Low Select	\$190.68	\$1,719.36	\$6.06	\$1.21
116	Grimm	Tristan	4	620.00	1,155	2.99	733	12.4	0.64	3.5	4.58	46.02	65.17	4.34	Low Choice	\$188.30	\$1,859.32	\$6.92	\$1.20

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188	Hadacek	Sam	3	704.00	1,235	2.97	784	14.2	0.65	3.5	3.26	49.19	65.98	3.71	High Select	\$190.51	\$1,494.03	\$4.36	\$1.21
189	Hadacek	Sam	2	764.00	1,245	2.69	791	13.7	0.42	3.5	2.87	50.09	69.80	4.39	Low Choice	\$204.01	\$1,612.85	\$4.60	\$1.30
194	Harris	Hannah	6	598.00	1,080	2.69	686	10.6	0.36	3.5	3.31	49.12	69.16	4.38	Low Choice	\$204.01	\$1,399.10	\$4.40	\$1.30
195	Harris	Hannah	6	592.00	1,070	2.67	679	10.8	0.5	3.5	3.58	48.51	66.78	4.91	Low Choice	\$204.01	\$1,386.15	\$4.21	\$1.30
162	Harris	Kadyn	3	698.00	1,345	3.61	854	13.5	0.43	3.5	3.20	49.29	69.51	3.62	High Select	\$190.51	\$1,627.10	\$5.43	\$1.21
163	Harris	Kadyn	1	696.00	1,330	3.54	845	14.1	0.78	3.5	3.85	47.80	63.61	3.9	High Select	\$190.51	\$1,608.95	\$4.88	\$1.21
223	Hemp	Hailey	4	510.00	1,070	3.13	679	12	0.33	3.5	2.77	50.38	70.46	3.09	High Select	\$190.51	\$1,294.42	\$4.67	\$1.21
225	Hemp	Hailey	6	648.00	1,265	3.45	803	11.7	0.48	3.5	3.71	48.14	67.63	4.09	Low Choice	\$204.01	\$1,638.76	\$5.38	\$1.30
226	Hemp	Levi	1	798.00	1,265	2.61	803	14.2	0.31	3.5	2.48	50.98	72.02	3.82	High Select	\$190.51	\$1,530.32	\$4.36	\$1.21
227	Hemp	Levi	7	658.00	1,305	3.61	829	13.3	0.27	3.5	2.77	50.30	72.24	4.83	Low Choice	\$204.01	\$1,690.58	\$6.01	\$1.30
134	Hildebrand	Bryce	3	768.00	1,470	3.92	933	13.7	0.8	3.5	4.36	46.56	63.04	5.9	Choice	\$188.30	\$1,757.69	\$5.30	\$1.20
135	Hildebrand	Bryce	1	608.00	1,220	3.42	775	13	0.53	3.5	3.31	49.08	67.46	3.15	High Select	\$190.51	\$1,475.88	\$4.94	\$1.21
157	Irvine	Sawyer	4	456.00	1,035	3.23	657	14.3	0.63	3.5	2.70	50.56	66.39	3.54	High Select	\$190.51	\$1,252.08	\$4.49	\$1.21
183	Jennings	Kylie	1	546.00	1,055	2.84	670	13.7	0.38	3.5	2.31	51.44	70.51	3.1	High Select	\$190.51	\$1,276.27	\$4.33	\$1.21
136	Kuhn	Camden	3	740.00	1,290	3.07	819	13.2	0.78	3.5	4.04	47.37	63.12	3.99	High Select	\$179.30	\$1,468.74	\$4.07	\$1.14
145	Lam	Alex	D1RC	626.00	1,160	2.98	737	15	0.86	3.5	3.35	49.01	62.68	4.25	Low Choice	\$204.01	\$1,502.74	\$4.38	\$1.30
144	Lam	Austin	2	772.00	1,370	3.34	870	15.3	0.76	3.5	3.51	48.57	64.63	4.68	Low Choice	\$204.01	\$1,774.78	\$5.13	\$1.30
166	Layne	Tavis	6	560.00	1,160	3.35	737	13.6	0.49	3.5	2.87	50.11	68.50	3.33	High Select	\$190.51	\$1,403.30	\$4.88	\$1.21
167	Layne	Tavis	6	672.00	1,310	3.56	832	12.2	0.37	3.5	3.38	48.88	69.86	4.95	Low Choice	\$204.01	\$1,697.06	\$5.75	\$1.30
228	Lowery	Eric	6	550.00	1,110	3.13	705	10.1	0.34	3.5	3.50	48.68	69.24	5.86	Choice	\$209.29	\$1,475.18	\$5.09	\$1.33
169	Maddox	Kylee	2	471.00	1,100	3.51	699	13.4	0.44	3.5	2.67	50.61	69.28	3.33	High Select	\$190.51	\$1,330.71	\$5.06	\$1.21
159	Michael	Jackson	5	532.00	1,095	3.15	695	14.1	0.44	3.5	2.43	51.15	69.66	2.84	Low Select	\$190.51	\$1,324.66	\$4.67	\$1.21
160	Michael	Jackson	6	610.00	1,250	3.58	794	11.2	0.5	3.5	3.88	47.75	67.00	4.2	Low Choice	\$204.01	\$1,619.33	\$5.47	\$1.30
180	Mish	Trevor	4	642.00	1,340	3.90	851	13	0.72	3.5	4.07	47.28	64.08	4.97	Low Choice	\$192.80	\$1,640.54	\$5.37	\$1.22
186	Myrtle	Kevin	5	658.00	1,225	3.17	778	12	0.61	3.5	3.84	47.85	65.49	4.6	Low Choice	\$204.01	\$1,586.94	\$4.85	\$1.30
216	Puffenbarger	Kelsi	2	612.00	1,160	3.06	737	13.1	0.21	3.5	2.33	51.36	73.20	3	High Select	\$190.51	\$1,403.30	\$4.87	\$1.21
128	Ramsey	Jordan	4	690.00	1,280	3.30	813	11.5	0.51	3.5	3.88	47.73	66.99	5.14	Low Choice	\$204.01	\$1,658.19	\$5.17	\$1.30
129	Ramsey	Jordan	3	650.00	1,110	2.57	705	11.7	0.62	3.5	3.68	48.25	65.14	5.47	Low Choice	\$204.01	\$1,437.96	\$4.03	\$1.30
123	Riley	Benjamin	5	690.00	1,375	3.83	873	15.3	0.63	3.5	3.20	49.29	66.94	5.8	Choice	\$209.29	\$1,827.36	\$6.04	\$1.33
124	Riley	Benjamin	6	566.00	1,445	4.91	918	15.1	0.69	3.5	3.58	48.38	65.76	3.52	High Select	\$186.01	\$1,706.78	\$6.47	\$1.18
117	Shreckhise	Drew	7	556.00	1,160	3.37	737	12.7	0.24	3.5	2.54	50.89	72.45	3.43	High Select	\$190.51	\$1,403.30	\$5.19	\$1.21
168	Shultz	Allison	7	552.00	1,195	3.59	759	12.5	0.69	3.5	3.81	47.93	64.34	3.91	High Select	\$190.51	\$1,445.64	\$4.87	\$1.21

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217	Smith	Hannah	D2RC	722	1,230	2.84	781	13.1	0.42	3.5	3.03	49.73	69.47	2.7	Low Select	\$190.51	\$1,487.98	\$4.44	\$1.21
218	Smith	Hannah	2	558	1,020	2.58	648	11.1	0.27	3.5	2.78	50.36	71.04	2.99	Low Select	\$190.51	\$1,233.93	\$4.03	\$1.21
110	Talley	Makayla	1	690	1,125	2.43	714	14.3	0.42	3.5	2.39	51.24	70.12	3.9	High Select	\$190.51	\$1,360.96	\$3.91	\$1.21
111	Talley	Makayla	2	764	1,230	2.60	781	16	0.38	3.5	2.00	52.11	71.77	4.2	Low Choice	\$204.01	\$1,593.42	\$4.61	\$1.30
108	Tutwiler	Ashley	5	582	1,260	3.79	800	11.1	0.58	3.5	4.14	47.15	65.53	4.63	Low Choice	\$192.80	\$1,542.59	\$5.29	\$1.22
109	Tutwiler	Ashley	6	526	1,275	4.18	810	12.7	0.65	3.5	3.84	47.84	65.16	2.73	Low Select	\$190.51	\$1,542.42	\$5.64	\$1.21
161	Wheeler	Madison	4	714	1,250	2.99	794	11.8	0.63	3.5	4.02	47.44	65.02	5.73	Choice	\$192.80	\$1,530.35	\$4.39	\$1.22
215	Williams	Jonah	3	810	1,450	3.58	921	12.2	0.66	3.5	4.44	46.38	64.71	3.41	High Select	\$174.80	\$1,609.47	\$4.69	\$1.11
250	Williams	Jonah	5	718	1,290	3.20	819	13.4	0.42	3.5	3.07	49.60	69.63	5.75	Choice	\$209.29	\$1,714.40	\$5.40	\$1.33
131	Wood	John	D2C	578	1,180	3.36	749	12.7	0.47	3.5	3.16	49.44	68.36	3.2	High Select	\$190.51	\$1,427.49	\$4.90	\$1.21
185	Wright	Taylor	4	770	1,355	3.27	860	15.9	0.56	3.5	2.78	50.26	68.51	2.92	Low Select	\$190.51	\$1,639.20	\$4.98	\$1.21

	N.WT	M. WT	ADG	HCW	REA	Rib Fat	%KPH	FYG	% BCTRC
2019 Averages	651	1242	3.3	792	13.1	0.534	N/A	3.35	48.97
2018 Averages	650	1,241	3.30	788	13	0.533	N/A	3.34	49.00
2017 Averages	690	1255	3.16	774	13.9835	0.5	2.55	2.67	50.66
2016 Averages	647.6	1226.3	3.2	750	13.8	0.5	2.3	2.7	50.6
2015 Averages	672	1240	3.09	766	13.7	0.59	2.3	3.03	49.89
2014 Averages	669	1242	3.07	745	13.3	0.49	2.4	2.84	50.35
2013 Averages:	652	1232	3.07	749	13.5	0.50	2.4	2.84	50.34
2012 Averages:	651	1202	3.08	728	13.3	0.52	2.0	2.78	50.48
2011 Averages:	658	1238	3.24	765	13.6	0.52	2.4	2.90	50.19
2010 Averages	676	1241	3.17	758	13.3	0.49	1.8	2.76	50.46
2009 Averages	658	1256	3.21	774	13.0	0.49	2.1	2.96	50.00
2008 Averages	662	1260	3.25	785	13.1	0.55	2.3	3.10	49.50
2007 Averages		1251		772	12.9	0.47	2.6	3.60	48.80

Average Value of Gain for Steer carcasses grading at least Choice - or better	\$5.01
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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 12th and 13th 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 \geq \$2.00/lb in consideration of today's cost of

	Carcass	Live conversion
Dressing Percentage	63.5%	
Choice 2-3 600-900 carcass	\$204.01	\$129.55
Select 2-3 600-900 carcass	\$190.51	\$120.97
Choice select spread	-\$13.50	-\$8.57
400-500 lb carcass	-\$30.71	-\$19.50
500-600 lb carcass	-\$17.64	-\$11.20
900-1000 lb carcass	-\$4.50	-\$2.86
1000+ discount	-\$18.00	-\$11.43
Prime 1-3	\$13.87	\$8.81
Certified 1-3	\$5.28	\$3.35
Choice 1	\$3.86	\$2.45
Select 1	-\$8.83	-\$5.61
Standard 1-3	-\$29.43	-\$18.69
Prime 4	\$1.16	\$0.74
Choice 4	-\$11.21	-\$7.12

%IMF	Quality grade	Marbling Degree	Marbling Score
2.0-3.0	Select-	Slight 00-40	4.0-4.4
3.1-3.9	Select+	Slight 50-90	4.5-4.9
4.0-5.5	Choice-	Small 00-90	5.0-5.9
5.6-6.9	Choice 0	Modest 00-90	6.0-6.9
7.0-8.5	Choice +	Moderate 00-90	7.0-7.9
8.6-9.9	Prime -	Slight Ab 00-90	8.0-8.9
10.0+	Prime 0	Mod Ab 00-90	9.0+

