

## 2022 Augusta Market Animal Show Hog Ultrasound Carcass Contest

Dress assumed at 72%

Barrow=1, Gilt=2

Tag ID	First Name	Last Name	Show Weight	Show Place	Gender	Grade	HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj.	Carcass Price \$/cwt	Adj. Carcass Price	Carcass Value	Live Value	lbs Lean	Lean %
893	Jacie	Arey	253	6	2	1	182	0.32	07.95	111.57	61.248	1.03	\$105.60	\$108.77	\$198.13	\$78.31	112.52	44.47
777	Dalton	Ashley	278	6	1	1	200	0.57	09.77	121.95	60.928	1.08	\$105.60	\$114.05	\$228.28	\$82.11	124.86	44.91
769	Madison	Bagley	271	4	1	1	195	0.84	08.23	108.62	55.668	1.08	\$105.60	\$114.05	\$222.53	\$82.11	109.92	40.56
758	Madison	Bagley	243	3	1	1	175	0.64	08.30	103.93	59.401	1.04	\$105.60	\$109.82	\$192.15	\$79.07	105.54	43.43
752	Hunter	Bennett	240	5	1	1	173	0.64	07.30	99.11	57.353	0.96	\$105.60	\$101.38	\$175.18	\$72.99	99.24	41.35
753	Hunter	Bennett	240	6	2	1	173	0.37	07.35	104.40	60.418	0.91	\$105.60	\$96.10	\$166.05	\$69.19	104.83	43.68
755	Cameron	Bowers	226	4	1	1	163	0.71	07.38	93.56	57.495	0.89	\$105.60	\$93.98	\$152.93	\$67.67	94.32	41.73
756	Cameron	Bowers	224	2	2	1	161	0.26	07.74	102.78	63.726	0.83	\$105.60	\$87.65	\$141.36	\$63.11	103.95	46.41
727	Montana	Breeden	234	7	1	1	168	0.66	07.77	98.68	58.573	0.96	\$105.60	\$101.38	\$170.80	\$72.99	99.73	42.62
973	Blake	Caricofe	260	4	1	1	187	0.91	08.82	106.22	56.743	1.08	\$105.60	\$114.05	\$213.50	\$82.11	108.84	41.86
972	Blake	Caricofe	234	2	1	1	168	0.85	07.78	95.11	56.453	0.96	\$105.60	\$101.38	\$170.80	\$72.99	96.60	41.28
971	Elissa	Caricofe	252	2	1	1	181	0.47	07.96	108.51	59.802	1.03	\$105.60	\$108.77	\$197.35	\$78.31	109.00	43.25
865	Daniel	Craig	252	5	1	1	181	0.84	07.62	100.24	55.249	1.08	\$105.60	\$114.05	\$206.93	\$82.11	101.04	40.10
866	Daniel	Craig	243	6	2	1	175	0.74	07.95	100.55	57.471	1.04	\$105.60	\$109.82	\$192.15	\$79.07	102.68	42.26
970	Kaitlyn	Craig	225		2	1	162	0.36	08.98	106.06	65.468	0.83	\$105.60	\$87.65	\$141.99	\$63.11	109.35	48.60
702	Bradley	Craun	255	5	2	1	184	0.79	08.33	105.01	57.196	1.08	\$105.60	\$114.05	\$209.39	\$82.11	107.56	42.18
720	Bella	Echols	267	6	1	1	192	0.90	07.80	104.64	54.432	1.08	\$105.60	\$114.05	\$219.25	\$82.11	105.49	39.51
709	Bella	Echols	231	5	2	1	166	0.33	09.20	109.40	65.775	0.83	\$105.60	\$87.65	\$145.78	\$63.11	112.82	48.84
723	Jonny	Echols	260	5	1	1	187	0.62	09.78	115.26	61.571	1.08	\$105.60	\$114.05	\$213.50	\$82.11	118.72	45.66
722	Jonny	Echols	255	4	2	1	184	0.45	08.48	111.97	60.985	1.03	\$105.60	\$108.77	\$199.70	\$78.31	113.97	44.69
836	Scott	Hickey	284	7	2	1	204	0.55	08.71	120.08	58.725	1.08	\$105.60	\$114.05	\$233.21	\$82.11	121.99	42.95
889	Scott	Hickey	271	4	1	1	195	0.64	08.58	113.77	58.307	1.08	\$105.60	\$114.05	\$222.53	\$82.11	115.16	42.49
862	Erika	Hildebrand	246	5	1	1	177	0.97	07.81	96.75	54.624	1.04	\$105.60	\$109.82	\$194.52	\$79.07	98.27	39.95
744	Erika	Hildebrand	252	3	1	1	181	0.94	07.13	96.52	53.196	1.03	\$105.60	\$108.77	\$197.35	\$78.31	96.78	38.41
832	Emily	Klein	264	3	1	1	190	0.77	10.21	115.43	60.727	1.08	\$105.60	\$114.05	\$216.78	\$82.11	119.81	45.38
833	Emily	Klein	282	2	2	1	203	0.42	09.79	125.99	62.052	1.03	\$105.60	\$108.77	\$220.84	\$78.31	129.32	45.86
855	Carter	Lough	258	2	1	1	186	0.58	08.36	109.93	59.180	1.08	\$105.60	\$114.05	\$211.86	\$82.11	111.15	43.08
854	Carter	Lough	267	6	2	1	192	0.43	09.04	118.29	61.532	1.03	\$105.60	\$108.77	\$209.10	\$78.31	120.83	45.26

Tag ID	First Name	Last Name	Show Weight	Show Place	Gender	Grade	HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj.	Carcass Price \$/cwt	Adj. Carcass Price	Carcass Value	Live Value	lbs Lean	Lean %
743	Charlotte	Magers	260	3	1	1	187	0.77	08.75	108.59	58.006	1.08	\$105.60	\$114.05	\$213.50	\$82.11	110.78	42.61
742	Charlotte	Magers	236	1	2	1	170	0.45	08.89	107.47	63.245	0.91	\$105.60	\$96.10	\$163.29	\$69.19	110.57	46.85
707	Alec	McLaren	280	3	1	1	202	0.85	09.29	115.36	57.224	1.08	\$105.60	\$114.05	\$229.92	\$82.11	118.11	42.18
708	Alec	McLaren	272	3	2	1	196	0.55	07.49	111.61	56.989	1.08	\$105.60	\$114.05	\$223.35	\$82.11	111.91	41.14
834	Mason	Miller	256	1	2	1	184	0.68	09.14	110.49	59.946	1.08	\$105.60	\$114.05	\$210.21	\$82.11	114.01	44.54
864	Mason	Miller	234	1	2	1	168	0.69	08.67	101.52	60.257	0.96	\$105.60	\$101.38	\$170.80	\$72.99	104.86	44.81
892	Bryce	Mitchell	271	3	1	1	195	0.55	08.52	115.28	59.081	1.08	\$105.60	\$114.05	\$222.53	\$82.11	116.37	42.94
868	Bryce	Mitchell	280	7	1	1	202	0.63	07.99	114.50	56.794	1.08	\$105.60	\$114.05	\$229.92	\$82.11	114.72	40.97
959	Cameron	Moyer	233		2	1	168	0.26	06.89	102.28	60.970	0.91	\$105.60	\$96.10	\$161.21	\$69.19	101.93	43.75
767	Klay	Redifer	266	4	1	1	192	0.51	08.63	114.88	59.986	1.08	\$105.60	\$114.05	\$218.42	\$82.11	116.17	43.67
856	Benjamin	Riley	269	5	2	1	194	0.38	09.10	119.98	61.945	1.08	\$105.60	\$114.05	\$220.89	\$82.11	122.47	45.53
867	Benjamin	Riley	265	5	1	1	191	0.44	09.07	117.63	61.649	1.03	\$105.60	\$108.77	\$207.53	\$78.31	119.45	45.08
853	Bryson	Riley	242	4	2	1	174	0.40	08.81	110.10	63.191	1.03	\$105.60	\$108.77	\$189.52	\$78.31	112.80	46.61
852	Bryson	Riley	252	7	2	1	181	0.37	08.16	111.12	61.243	1	\$105.60	\$105.60	\$191.60	\$76.03	112.53	44.65
890	Morgan	Robinson	262	6	1	1	189	0.57	09.35	115.26	61.101	1.08	\$105.60	\$114.05	\$215.14	\$82.11	117.89	45.00
714	Codie	Ross	263	7	1	2	189	0.92	06.50	97.97	51.736	1.08	\$105.60	\$114.05	\$215.96	\$82.11	96.95	36.86
760	Emory	Seal	242	D1GC	2	1	174	0.76	09.14	104.64	60.055	1.04	\$105.60	\$109.82	\$191.36	\$79.07	108.66	44.90
728	Sadie	Talley	245	2	1	1	176	0.65	07.91	102.75	58.251	1.04	\$105.60	\$109.82	\$193.73	\$79.07	103.73	42.34
729	Sadie	Talley	281	D3RC	1	1	202	0.50	09.79	124.31	61.441	1.03	\$105.60	\$108.77	\$220.06	\$78.31	127.00	45.19
870	Colton	Thornton	246	7	1	1	177	0.67	09.87	110.35	62.301	1.04	\$105.60	\$109.82	\$194.52	\$79.07	114.38	46.50
960	Colton	Thornton	225	7	1	1	162	0.66	09.53	102.66	63.373	0.89	\$105.60	\$93.98	\$152.25	\$67.67	106.64	47.40
869	Dylan	Thornton	281	6	1	1	202	0.63	09.95	122.46	60.528	1.08	\$105.60	\$114.05	\$230.74	\$82.11	125.71	44.73
871	Dylan	Thornton	254	6	1	1	183	0.66	09.30	110.82	60.599	1.08	\$105.60	\$114.05	\$208.57	\$82.11	113.77	44.79
766	Sahara	Traylor	237	2	1	1	171	0.53	07.33	100.35	58.810	0.96	\$105.60	\$101.38	\$172.99	\$72.99	100.34	42.34
737	Madison	Wheeler	276	5	2	1	199	0.71	07.53	109.88	55.294	1.08	\$105.60	\$114.05	\$226.64	\$82.11	110.53	40.05
724	Madison	Wheeler	235	3	2	1	169	0.77	08.39	99.28	58.677	0.96	\$105.60	\$101.38	\$171.53	\$72.99	102.35	43.55
835	Nicolaus	Wilfong	244	4	2	1	176	0.33	08.22	109.72	62.452	1.01	\$105.60	\$106.66	\$187.37	\$76.79	111.32	45.62
710	Isabella	Zipf	265	1	1	1	191	0.81	10.20	114.94	60.239	1.08	\$105.60	\$114.05	\$217.60	\$82.11	119.36	45.04
			Weight				HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj.	Carcass Price	Adj. Carcass Price	Carcass Value	Live Value	lbs Lean	
	Avg on:	56	254				183	0.611409	8.48		59.46	1.02		108.01	198.48	77.77	110.71	

					HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj	Carcass \$	Adj. Carcass P	Carcass Val	Live Val	Lbs Lean
2022 Averages (56 hogs)	WT				183	0.61	8.48	108.76	59.46	1.02		108.01	198.48	77.77	110.71
2021 Averages (54 hogs)	247.74				178	0.66	7.75	102.78	57.65	0.97		108.44	194.68	78.08	103.85
2019 Averages (94 Hogs)	259.71				187	0.73	8.29	107.44	57.46	1.03		81.75	152.86	58.86	109.20
2018 Averages (66 Hogs)	256.09				184	0.65	8.89	110.00	59.77	1.01		58.91	59.71	110.78	42.99
2017 Averages (79 Hogs)	256.44				185	0.61	8.35	108.81	59.00	1.03		69.12	128.57	49.77	112.86
2016 Averages (97 hogs)	262.27				189	0.61	8.74	112.36	59.44	1.08		138.61	143.16	54.23	114.45

## **Explanation of Carcass Data Column Headings**

Rib Fat: Thickness of the fat from the ribeye muscle to the outer surface of the carcass measured between the 10th and 11th rib.

REA: Ribeye area or loin muscle area in inches squared at the location of the 10th and 11th rib

YG: USDA yield grade(0.4+(10 × Backfat). Predictor of expected yield of trimmed retail cuts. Yield grade 1=highest 5=lowest.

Proj. CW: Predicted hot carcass weight with 72% dressing percentage

Grid Adj.: Negotiated Base Price Grid adjustment based on Carcass Weight and Rib Fat

Carcass Base Value: Base price from National Daily Hog and Pork Summary, USDA 5/12/2017

Lbs Muscle/Lbs Fat Free Lean: Expected total lbs of fat free lean for the carcass.

% Muscle/% Fat Free Lean: Represents total lbs of fat free lean expressed as a percent of hot carcass weight

Carcass Price: The price of the carcass in \$ per hundred weight

Carcass Value: Total value of carcass

Live Value: Value of carcass divided by live weight to calculate an approximate live value

Carcass Weight	Last rib midline fat depth (in.) adjustment						
	0.50/Down	0.51-0.70	0.71-0.90	0.91-1.10	1.11-1.30	1.31-1.50	1.51/Up
159/Down	61.0%	64.0%	64.0%	61.0%	60.0%	48.0%	35.0%
160-166	83.0%	89.0%	89.0%	83.0%	75.0%	63.0%	50.0%
167-173	91.0%	96.0%	96.0%	91.0%	83.0%	71.0%	58.0%
174-180	101.0%	104.0%	104.0%	101.0%	95.0%	83.0%	70.0%
181-187	103.0%	108.0%	108.0%	103.0%	97.0%	83.0%	70.0%
188-194	103.0%	108.0%	108.0%	103.0%	97.0%	83.0%	70.0%
195-201	103.0%	108.0%	108.0%	103.0%	97.0%	83.0%	70.0%
202-208	103.0%	108.0%	108.0%	103.0%	97.0%	83.0%	70.0%
209-215	103.0%	108.0%	108.0%	103.0%	97.0%	83.0%	70.0%
216-222	102.0%	105.0%	105.0%	101.0%	97.0%	83.0%	70.0%
223-229	100.0%	100.0%	100.0%	100.0%	95.0%	81.0%	68.0%
230-236	86.0%	89.0%	89.0%	86.0%	80.0%	66.0%	53.0%
237-243	80.0%	83.0%	83.0%	80.0%	74.0%	60.0%	47.0%
244/Up	74.0%	77.0%	77.0%	74.0%	68.0%	54.0%	41.0%

Carcass Value/cwt. = Base price \* %Premium/Discount

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