

2021 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 %
746	Montana	Breeden	227	6	2	1	163	0.43	07.19	98.50	60.26	00.83	\$ 111.67	\$ 92.69	\$151.49	\$ 66.73	99.12	60.64
747	Montana	Breeden	262	6	1	1	189	0.59	07.23	106.56	56.49	01.08	\$ 111.67	\$ 120.60	\$227.51	\$ 86.83	105.97	56.18
844	Caleb	Campbell	274	3	1	1	197	0.55	07.88	113.73	57.65	01.03	\$ 111.67	\$ 115.02	\$226.91	\$ 82.81	113.75	57.66
845	Caleb	Campbell	241	6	2	1	174	0.57	07.62	101.96	58.76	01.04	\$ 111.67	\$ 116.14	\$201.52	\$ 83.62	103.24	59.50
748	Blake	Caricofe	221	1	2	1	159	0.39	06.33	93.94	59.04	00.61	\$ 111.67	\$ 68.12	\$108.39	\$ 49.05	93.31	58.64
749	Blake	Caricofe	244	2	2	1	176	0.38	09.43	113.37	64.53	01.01	\$ 111.67	\$ 112.79	\$198.14	\$ 81.21	116.97	66.58
757	Elissa	Caricofe	235	2	1	1	169	0.79	07.66	96.12	56.81	00.96	\$ 111.67	\$ 107.20	\$181.39	\$ 77.19	97.26	57.48
758	Elissa	Caricofe	240	2	2	1	173	0.59	07.94	102.45	59.29	00.96	\$ 111.67	\$ 107.20	\$185.25	\$ 77.19	104.30	60.36
945	Daniel	Craig	230	2	1	1	166	1.19	07.64	86.92	52.49	00.75	\$ 111.67	\$ 83.75	\$138.69	\$ 60.30	89.04	53.77
947	Daniel	Craig	266	6	1	1	192	0.98	07.31	100.82	52.64	01.03	\$ 111.67	\$ 115.02	\$220.29	\$ 82.81	101.13	52.81
899	Bradley	Craun	252	3	2	1	181	0.41	07.85	109.33	60.26	01.03	\$ 111.67	\$ 115.02	\$208.69	\$ 82.81	110.35	60.82
881	Bella	Echols	221	3	1	1	159	0.67	06.81	90.67	56.98	00.64	\$ 111.67	\$ 71.47	\$113.72	\$ 51.46	90.56	56.91
891	Jonny	Echols	230	1	1	1	166	1.05	06.38	84.62	51.10	00.83	\$ 111.67	\$ 92.69	\$153.49	\$ 66.73	84.49	51.02
896	Jonny	Echols	238	3	1	1	171	0.79	07.51	96.47	56.30	00.96	\$ 111.67	\$ 107.20	\$183.70	\$ 77.19	97.31	56.79
851	Hailey	Hemp	273	4	2	1	197	0.73	08.26	111.41	56.68	01.08	\$ 111.67	\$ 120.60	\$237.06	\$ 86.83	113.30	57.64
921	Hailey	Hemp	247	6	1	1	178	0.96	06.18	90.85	51.08	01.01	\$ 111.67	\$ 112.79	\$200.58	\$ 81.21	89.81	50.50
838	Scott	Hickey	266	3	1	1	192	0.64	07.43	107.83	56.30	01.08	\$ 111.67	\$ 120.60	\$230.98	\$ 86.83	107.55	56.16
840	Scott	Hickey	287	4	2	1	207	0.43	10.68	130.87	63.33	01.03	\$ 111.67	\$ 115.02	\$237.68	\$ 82.81	135.49	65.57
943	Bryce	Hildebrand	282	2	1	1	203	1.02	09.72	114.56	56.42	01.03	\$ 111.67	\$ 115.02	\$233.54	\$ 82.81	118.29	58.26
942	Brynan	Hildebrand	225	3	1	1	162	0.64	07.66	95.72	59.09	00.89	\$ 111.67	\$ 99.39	\$161.01	\$ 71.56	96.77	59.73
935	Erika	Hildebrand	239	4	1	1	172	0.59	07.03	98.61	57.30	00.96	\$ 111.67	\$ 107.20	\$184.48	\$ 77.19	98.24	57.09
948	Erika	Hildebrand	279	3	2	1	201	0.87	08.76	112.72	56.11	01.08	\$ 111.67	\$ 120.60	\$242.27	\$ 86.83	115.54	57.52
919	Kallie	Jo	236	1	1	1	170	0.72	07.58	97.30	57.26	00.96	\$ 111.67	\$ 107.20	\$182.16	\$ 77.19	98.16	57.77
780	Michael	Kegley	227	6	2	1	163	0.50	07.28	97.53	59.67	00.83	\$ 111.67	\$ 92.69	\$151.49	\$ 66.73	98.46	60.24
781	Michael	Kegley	243	5	1	1	175	1.01	07.01	91.95	52.55	01.01	\$ 111.67	\$ 112.79	\$197.33	\$ 81.21	92.39	52.80
759	Emily	Klein	233	1	1	1	168	0.66	06.76	94.46	56.30	00.96	\$ 111.67	\$ 107.20	\$179.84	\$ 77.19	93.96	56.01
846	Carter	Lough	243	4	1	1	175	0.53	06.97	100.85	57.64	01.04	\$ 111.67	\$ 116.14	\$203.19	\$ 83.62	100.13	57.23
847	Carter	Lough	260	4	1	1	187	0.74	07.94	106.03	56.64	01.08	\$ 111.67	\$ 120.60	\$225.77	\$ 86.83	106.90	57.10
763	Evan	McCall	271	1	2	1	195	0.95	08.75	108.58	55.65	01.03	\$ 111.67	\$ 115.02	\$224.43	\$ 82.81	111.76	57.28

Tag ID	First Name	Last Name	Show Weight	Show Place	Gender	Grade	HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj.	Carcass Price \$/cwt	Carcass Value	Carcass Value	Live Value	Lbs Lean	Lean %
764	Evan	McCall	240	1	1	1	173	0.67	07.71	100.04	57.89	00.96	\$ 111.67	\$ 107.20	\$185.25	\$ 77.19	100.87	58.37
729	Alec	McLaren	253	2	1	1	182	0.67	07.85	104.76	57.51	01.08	\$ 111.67	\$ 120.60	\$219.69	\$ 86.83	105.49	57.91
730	Alec	McLaren	274	2	1	1	197	0.73	08.02	110.79	56.16	01.08	\$ 111.67	\$ 120.60	\$237.93	\$ 86.83	111.43	56.48
944	Mason	Miller	281	3	2	1	202	0.96	09.80	115.59	57.13	01.03	\$ 111.67	\$ 115.02	\$232.71	\$ 82.81	120.18	59.40
946	Mason	Miller	267	2	2	1	192	0.69	08.10	109.71	57.07	01.08	\$ 111.67	\$ 120.60	\$231.85	\$ 86.83	111.38	57.94
842	Bryce	Mitchell	270	5	2	1	194	0.49	09.10	118.25	60.83	01.08	\$ 111.67	\$ 120.60	\$234.45	\$ 86.83	120.96	62.22
843	Bryce	Mitchell	257	5	2	1	185	0.33	07.77	112.07	60.57	01.03	\$ 111.67	\$ 115.02	\$212.83	\$ 82.81	112.66	60.88
928	Landon	Morris	237	5	2	1	171	0.43	06.96	100.75	59.04	00.91	\$ 111.67	\$ 101.62	\$173.40	\$ 73.17	100.79	59.06
929	Landon	Morris	243	3	1	1	175	0.84	08.21	99.72	56.99	01.04	\$ 111.67	\$ 116.14	\$203.19	\$ 83.62	101.64	58.09
884	Cameron	Moyer	230	2	2	1	166	0.66	07.31	95.53	57.68	00.96	\$ 111.67	\$ 107.20	\$177.53	\$ 77.19	96.79	58.45
777	Alexis	Myrtle	234	6	2	1	168	0.32	07.15	102.52	60.85	00.91	\$ 111.67	\$ 101.62	\$171.21	\$ 73.17	102.68	60.94
778	Alexis	Myrtle	239	5	1	1	172	0.77	06.62	93.74	54.48	00.96	\$ 111.67	\$ 107.20	\$184.48	\$ 77.19	93.13	54.12
920	Sadie	Poole	267	5	1	1	192	0.99	07.62	102.29	53.21	01.03	\$ 111.67	\$ 115.02	\$221.11	\$ 82.81	103.06	53.61
841	Morgan	Robinson	277	4	2	1	199	0.37	07.63	116.97	58.65	01.03	\$ 111.67	\$ 115.02	\$229.40	\$ 82.81	116.96	58.65
744	Codie	Ross	224	5	2	1	161	0.55	07.79	97.65	60.54	00.83	\$ 111.67	\$ 92.69	\$149.48	\$ 66.73	99.54	61.72
742	Hunter	Ross	222	5	1	1	160	0.70	07.66	93.65	58.59	00.89	\$ 111.67	\$ 99.39	\$158.86	\$ 71.56	94.90	59.37
745	Tucker	Ross	222	4	1	1	160	0.57	06.71	92.43	57.83	00.89	\$ 111.67	\$ 99.39	\$158.86	\$ 71.56	91.91	57.50
882	Sadie	Talley	241	1	1	1	174	0.83	08.28	99.57	57.38	01.04	\$ 111.67	\$ 116.14	\$201.52	\$ 83.62	101.62	58.56
887	Tucker	Talley	230	4	1	1	166	0.61	08.38	100.60	60.75	00.96	\$ 111.67	\$ 107.20	\$177.53	\$ 77.19	102.58	61.95
938	Dylan	Thornton	280	2	2	1	202	0.59	07.47	113.20	56.15	01.08	\$ 111.67	\$ 120.60	\$243.14	\$ 86.83	113.37	56.24
939	Dylan	Thornton	239	2	2	1	172	0.53	08.58	105.85	61.51	00.96	\$ 111.67	\$ 107.20	\$184.48	\$ 77.19	108.56	63.09
877	Tyler	Wetzel	235	3	1	1	169	0.73	07.35	95.90	56.68	00.96	\$ 111.67	\$ 107.20	\$181.39	\$ 77.19	96.44	57.00
879	Tyler	Wetzel	222	6	2	1	160	0.46	08.13	100.00	62.56	00.83	\$ 111.67	\$ 92.69	\$148.15	\$ 66.73	102.26	63.98
849	Madison	Wheeler	265	4	1	1	191	0.57	08.10	111.33	58.35	01.08	\$ 111.67	\$ 120.60	\$230.11	\$ 86.83	111.94	58.67
936	Branson	Wilhoit	237	6	2	1	171	0.46	07.54	102.41	60.01	00.91	\$ 111.67	\$ 101.62	\$173.40	\$ 73.17	103.41	60.60

54 Show Weight			HCW	Rib Fat	REA	Lbs Muscle	% Muscle	Grid Adj.	Price \$/cw	Carcass Value	Live Value	Lbs Lean	Lean %
2021 Averages (54 hogs)			248	0.66	07.75	102.78	57.65	00.97	\$ 108.44	\$194.68	\$ 78.08	103.85	58.24
2019 Averages (94 Hogs)			260	0.73	8.29	107.44	57.46	1.03	\$ 81.75	\$ 152.86	\$ 58.86	109.2	
2018 Averages (66 Hogs)			256	0.65	8.89	110.00	59.77	1.01	\$ 58.91	\$ 59.71	\$ 110.78	42.99	
2017 Averages (79 Hogs)			256	0.61	8.35	108.81	59.00	1.03	\$ 69.12	\$ 128.57	49.7671	112.86	
2016 Averages (97 hogs)			262	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

This project is funded in part by a grant from the



And donations from Augusta Coop