

## 2023 Augusta Market Animal Show Goat Ultrasound Carcass Data

Dressing Percentage 47%

First Name	Last Name	Tag ID	Grade	Show Place	Live Wt	Body Wall	BF	REA	HCW	% SBCTP	Cutability
Callie	Bird	1073	1	4	78	0.79	0.12	2.39	36.66	55.64	55.64
Kayla	Botkin	1061	2	6	101	0.94	0.09	2.62	47.47	53.35	53.35
Kayla	Botkin	1060	2	3	114	0.99	0.12	2.44	53.58	51.50	51.50
Lane	Botkin	1062	1	2	66	0.89	0.04	1.95	31.02	55.93	55.93
Lane	Botkin	1054	2	4	104	0.9	0.08	2.59	48.88	53.03	53.03
Wesley	Coleman	1039	1	4th overall	74	0.91	0.07	2.17	34.78	55.45	55.45
Wesley	Coleman	1029	1	GC	87	0.93	0.12	2.54	40.89	54.73	54.73
Joe	Horn	1076	1	1	79	1.03	0.11	2.39	37.13	55.15	55.15
Joe	Horn	1077	1	5	91	0.91	0.08	2.61	42.77	54.47	54.47
Blake	Howell	1117	1	3	71	0.82	0.05	2.14	33.37	55.86	55.86
Blake	Howell	1116	1	2	80	0.79	0.07	2.55	37.60	55.74	55.74
William	Howell	1109	1	3	65	0.64	0.09	1.86	30.55	56.25	56.25
William	Howell	1110	1	2	93	0.95	0.12	2.76	43.71	54.48	54.48
Kylee	Maddox	1064	1	Div 1 3rd	70	0.79	0.11	2.05	32.90	55.84	55.84
Kylee	Maddox	1063	2	6	89	0.84	0.05	2.3	41.83	54.19	54.19
Chloe	Phillips	1019	1	5th overall	90	1.2	0.11	2.53	42.30	53.96	53.96
Chloe	Phillips	1017	1	1	118	1.1	0.08	2.9	55.46	51.79	51.79
Savannah	Phillips	1016	1	2	73	1.02	0.09	2.06	34.31	55.17	55.17
Savannah	Phillips	1015	1	D3 RC	97	1.14	0.08	2.74	45.59	53.70	53.70
Benjamin	Riley	1067	2	3	72	0.75	0.07	2.19	33.84	55.96	55.96
Benjamin	Riley	1068	2	2	72	0.94	0.05	1.79	33.84	54.88	54.88
Joshua	Robertson	1005	2	4	98	0.79	0.07	2.53	46.06	53.74	53.74
Joshua	Robertson	1006	2	2	103	0.98	0.08	2.7	48.41	53.23	53.23
Hayden	Ruebush	1047	1	D3 3rd	91	0.93	0.17	2.56	42.77	54.34	54.34
Colton	Thornton	1008	1	4	84	0.85	0.08	2.47	39.48	55.05	55.05
Colton	Thornton	1007	1	D2 3rd	84	0.97	0.11	2.08	39.48	54.09	54.09
					<b>Live Wt</b>	<b>Body Wall</b>	<b>BF</b>	<b>REA</b>	<b>HCW</b>	<b>% SBCTP</b>	
Averages (26 goats)					86	0.92	0.09	2.38	40.56	54.52	

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

BF: Thickness of the fat from the ribeye muscle to the outer surface of the carcass measured at the midpoint of the ribeye at the 12th rib.

REA: Ribeye area or loin muscle area in inches squared at the location of the 12th and 13th rib.

HCW: Predicted Hot carcass weight with 47% dressing percentage.

%SBCTP: Semi-Boneless Closely-Trimmed Retail Product, represents the proportion of carcass that is saleable retail product, also known as Cutability

Formula for %SBCTP & Cutability=  $60.6933 - (0.23174 \times HCW) + (1.96202 \times \text{Loin Eye Area}) - (1.57832 \times BWT)$

Body Wall: Body Wall Thickness(BWT) (includes fat, bone and lean) measured 1 inch beyond the loin eye on both sides then averaged. A regression formula is used from the fat thickness.

## **Goat Ranking System**

Goats are ranked for High Cutability to low Cutability

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