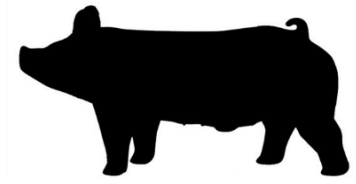


2024 Shenandoah County Fair Hog Ultrasound Carcass Competition



Tag	Last Name	First Name	WT	HCW	Rib Fat	REA	USDA YG	Muscle	% Muscle	Grid Adj.	Base Price	Price \$/cwt	Carcass Value	Live Value	Rank
45547	Heishman	Trey	0290	209	0.62	07.0	01.5	113.78	54.49%	1.08	\$78.90	\$85.21	\$177.92	\$0.61	1
45550	Marston	Madison	0275	198	0.74	08.3	02.0	112.06	56.59%	1.08	\$78.90	\$85.21	\$168.72	\$0.61	2
45524	Bowers	Jacob	0277	199	0.76	07.9	02.0	110.82	55.57%	1.08	\$78.90	\$85.21	\$169.95	\$0.61	3
45535	Dellinger	Emmalee	0269	194	0.85	08.7	02.4	109.52	56.55%	1.08	\$78.90	\$85.21	\$165.04	\$0.61	4
45534	Dellinger	Emmalee	0266	192	0.89	08.6	02.5	107.63	56.20%	1.08	\$78.90	\$85.21	\$163.20	\$0.61	5
45526	Bowers	Jacob	0262	189	0.64	07.6	01.5	107.23	56.84%	1.08	\$78.90	\$85.21	\$160.74	\$0.61	6
45548	Markley	Tucker	0253	182	0.59	07.7	01.4	105.74	58.05%	1.08	\$78.90	\$85.21	\$155.22	\$0.61	7
45601	Stern	Nicholas	0254	183	0.65	07.5	01.6	104.14	56.95%	1.08	\$78.90	\$85.21	\$155.84	\$0.61	8
31281	Whetzel	Luke	0253	182	0.71	07.0	01.8	100.54	55.19%	1.08	\$78.90	\$85.21	\$155.22	\$0.61	9
45552	Helsley	Natalie	0255	184	0.83	07.0	02.3	99.08	53.97%	1.08	\$78.90	\$85.21	\$156.45	\$0.61	10
45585	Helsley	Natalie	0252	181	0.89	06.2	02.5	94.02	51.82%	1.08	\$78.90	\$85.21	\$154.61	\$0.61	11
31332	Bowman	Grant	0244	176	0.60	07.7	01.4	102.41	58.29%	1.04	\$78.90	\$82.06	\$144.16	\$0.59	12
45545	Heishman	Trey	0244	176	0.63	05.6	01.5	94.00	53.51%	1.04	\$78.90	\$82.06	\$144.16	\$0.59	13
45551	Marston	Morgan	0245	176	0.40	07.9	00.6	107.33	60.85%	1.04	\$78.90	\$82.06	\$144.75	\$0.59	14
45596	Steed	Carter	0249	179	0.57	07.7	01.3	104.73	58.41%	1.04	\$78.90	\$82.06	\$147.11	\$0.59	15
45530	Dellinger	Aubrey	0246	177	0.70	06.8	01.8	98.02	55.34%	1.04	\$78.90	\$82.06	\$145.34	\$0.59	16
45587	Nugent	Riley	0249	179	0.87	06.7	02.5	95.29	53.15%	1.04	\$78.90	\$82.06	\$147.11	\$0.59	17
45584	Nugent	Hunter	0242	174	0.66	07.5	01.6	100.33	57.58%	1.04	\$78.90	\$82.06	\$142.97	\$0.59	18
31343	Bowman	Grant	0282	203	0.94	08.7	02.8	112.13	55.22%	1.03	\$78.90	\$81.27	\$165.00	\$0.59	19
21098	Poyser	Lilly	0272	196	0.93	07.6	02.7	104.91	53.57%	1.03	\$78.90	\$81.27	\$159.15	\$0.59	20
45591	Silveous	Jeremiah	0252	181	1.06	05.6	03.2	88.30	48.67%	1.03	\$78.90	\$81.27	\$147.45	\$0.59	21
45533	Dellinger	Emmalee	0281	202	0.98	08.6	02.9	110.51	54.62%	1.03	\$78.90	\$81.27	\$164.42	\$0.59	22
45543	Hawkins	Arthur	0251	181	1.04	07.7	03.2	96.38	53.33%	1.03	\$78.90	\$81.27	\$146.87	\$0.59	23
31336	Whetzel	Luke	0250	180	0.42	06.7	00.7	104.09	57.83%	1.01	\$78.90	\$79.69	\$143.44	\$0.57	24
45594	Smith	Riley	0251	181	1.07	07.3	03.3	94.31	52.19%	1.01	\$78.90	\$79.69	\$144.01	\$0.57	25
45540	Hausenfluck	Grant	0244	176	1.04	06.7	03.2	90.60	51.57%	1.01	\$78.90	\$79.69	\$140.00	\$0.57	26
45590	Silveous	Jeremiah	0260	187	1.19	06.4	03.8	91.43	48.84%	0.97	\$78.90	\$76.53	\$143.27	\$0.55	27
45527	Calvert	Bentley	0256	184	1.13	05.0	03.5	86.19	46.76%	0.97	\$78.90	\$76.53	\$141.07	\$0.55	28
45538	Froemel	Nolan	0235	169	0.53	07.9	01.1	102.01	60.29%	0.96	\$78.90	\$75.74	\$128.16	\$0.55	29
45583	Nugent	Hunter	0237	171	0.63	07.5	01.5	99.18	58.12%	0.96	\$78.90	\$75.74	\$129.25	\$0.55	30
45529	Cook	Tysen	0235	169	0.73	07.6	01.9	96.79	57.20%	0.96	\$78.90	\$75.74	\$128.16	\$0.55	31
45549	Markley	Tucker	0232	167	0.53	06.1	01.1	94.19	56.39%	0.96	\$78.90	\$75.74	\$126.52	\$0.55	32

Tag	Last Name	First Name	WT	HCW	Rib Fat	REA	USDA YG	Muscle	% Muscle	Grid Adj.	Base Price	Price \$/cwt	Carcass Value	Live Value	Rank
45528	Calvert	Bentley	0243	175	1.31	05.2	04.3	79.37	45.37%	0.95	\$78.90	\$74.96	\$131.14	\$0.54	33
45607	Stern	Addalynne	0231	166	0.47	07.5	00.9	100.25	60.27%	0.91	\$78.90	\$71.80	\$119.42	\$0.52	34
45588	Nugent	Riley	0237	171	0.50	07.0	01.0	99.64	58.39%	0.91	\$78.90	\$71.80	\$122.52	\$0.52	35
45537	Fisher	Olivia	0235	169	0.70	06.6	01.8	93.70	55.38%	0.91	\$78.90	\$71.80	\$121.48	\$0.52	36
21022	Poyser	Lilly	0224	161	0.56	06.4	01.2	92.23	57.19%	0.89	\$78.90	\$70.22	\$113.25	\$0.51	37
45599	Stephens	Kora	0228	164	0.80	05.7	02.2	86.11	52.46%	0.89	\$78.90	\$70.22	\$115.27	\$0.51	38
45598	Stephens	Kora	0223	161	0.69	05.5	01.8	85.69	53.37%	0.89	\$78.90	\$70.22	\$112.75	\$0.51	39
45539	Gochenour	Jacob	0225	162	0.85	05.0	02.4	81.26	50.16%	0.89	\$78.90	\$70.22	\$113.76	\$0.51	40
45544	Heishman	Fiona	0230	166	0.49	06.4	01.0	95.24	57.51%	0.83	\$78.90	\$65.49	\$108.45	\$0.47	41
45608	Stern	Nicholas	0223	161	0.47	07.8	00.9	98.70	61.47%	0.83	\$78.90	\$65.49	\$105.15	\$0.47	42
45536	Dellinger	Olivia	0236	170	1.15	06.3	03.6	84.36	49.65%	0.83	\$78.90	\$65.49	\$111.28	\$0.47	43
45595	Steed	Carter	0220	158	0.50	06.6	01.0	92.70	58.52%	0.61	\$78.90	\$48.13	\$76.24	\$0.35	44

Explanation of Carcass Data Column Headings

HCW: Projected Hot Carcass Weight based on 72% dressing percentage

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

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 Sept. 5, 2023

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

Scanning done by:
Springwood Livestock Management Service
1891 Rockdale Rd
Wytheville, VA 24382
Andrew W. Meadows, MS, DVM

Hog Lean Value Pricing Grid

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

Hog Ranking System: Hogs are placed on a price grid and stratified by live value. Hogs are then ranked on lbs muscle (greatest to least), then Rib Fat, (least to greatest).