

**Gray's Angus Ranch**  
**2026 "2nd Century" Performance Bull Sale Supplemental Sheet**

Lot #	Herd ID	Adj YRL Wt.	Actual Wt.	Adj % IMF	% IMF Ratio	Act. Ribeye	Adj Ribeye	Ribeye Ratio	Adj Rib Fat	Marb EPD	REA EPD	Adj Rump		\$W	\$F	\$G	\$B	Scrotal
												Fat	EPD					
1	884	OUT																
2	1034	1266	2152															41
3	1274	1085	1708															41
4	1564	OUT																
5	1794	1302	1690	2.43	73	17.7	17.4	115	0.24	0.04	0.55	0.3	61	80	24	104	38.5	
6	2184	1223	1888	3.28	98	15.7	15.5	103	0.33	0.39	0.1	0.4	56	73	32	105	40	
7	2374	1160	2121															44.5
8	2494	997	1616															38
9	2524		1872															42
10	3114	1081	1659															38
11	3194	1099	1932															44.5
12	3304		1862															42
13	3434	1147	1751															41
14	3464		1856															41
15	3504		2018															43
16	3534		1803															38
17	3594	1066	1862															41
18	3604		1774															40
19	3754	1226	1632															41.5
20	3824	992	1684															40
21	3844	1293	2085	3.34	100	14.8	15.0	99	0.30	0.25	0.39	0.32	53	107	37	145	43	
22	4254	1298	2001															40
23	4474		1714															42.5
24	4734	1239	1708															41
25	4874	1224	1864															40
26	4894	OUT																
27	5204	1253	1808															39.5
28	5494	1151	1982															37
29	7204	1102	1858															42
30	7334	1006	1640															39
31	7364	967	1767															38.5
32	7494		1622															37.5

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											Fat	EPD					
33*	45	1088															36
34	65	OUT															
35	105	1224	3.06	114	15.9	15.4	103	0.22	0.48	0.83	0.31	85	96	49	145	37.5	
36	155	1013															35
37*	165	1144	2.84	106	14.7	14.3	95	0.30	0.44	0.58	0.27	79	95	41	136	36	
38	205	1071															34.5
39	225	1377	2.91	100	16.7	16.1	112	0.28	0.56	1.03	0.20	67	91	53	145	38	
40	325	1255	2.36	88	16.4	16.0	107	0.24	0.22	0.43	0.23	73	93	28	122	35	
41	345	1215	2.86	107	14.3	13.9	93	0.35	0.24	0.09	0.53	53	97	24	121	36	
42	365	1164	2.33	87	14.2	13.9	93	0.27	0.59	0.38	0.36	90	93	44	138	37	
43	395	OUT															
44	415	OUT															
45	475	1162															32.5
46	495	1163															30
47	505	1084															37
48	515	1118															34
49*	545	992															34
50	555	1017															35
51	575	1159	3.27	122	15.2	14.9	99	0.25	0.64	0.50	0.43	65	78	51	129	36	
52	655	1143	2.05	76	15.1	14.9	99	0.20	0.19	0.36	0.20	69	79	26	106	35	
53	665	1198	3.04	113	14.5	14.2	95	0.25	0.28	0.49	0.30	73	95	30	126	36.5	
54	735	1086															33.5
55	745	OUT															
56	755	1100															33.5
57*	765	1133															33
58	795	1162															31
59	835	1234	2.25	78	16.6	16.3	106	0.25	0.09	0.54	0.45	49	88	24	112	35	
60	855	1274	2.51	92	16.1	15.3	103	0.31	0.16	0.71	0.16	74	90	29	119	33	
61*	945	1047															34.5
62	985	1148															36
63*	1005	1241	2.67	92	15.7	15.2	103	0.24	0.03	0.85	0.23	62	113	29	143	34	
64	1015	1198	3.04	114	15.9	15.7	99	0.34	0.15	0.46	0.34	58	90	26	117	34	
65	1075	1150															33.5
66	1085	1197	3.12	108	14.8	14.4	97	0.30	0.42	0.79	0.33	69	113	44	157	33	

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Lot #	Herd ID	Adj YW	Adj % IMF	% IMF Ratio	Act. Ribeye	Adj Ribeye	Ribeye Ratio	Adj Rib Fat	Marb EPD	REA EPD	Adj					Scrotal	
											Rump Fat	\$W	\$F	\$G	\$B		
67	1115	1102															34
68	1125	1174	2.61	89	15.5	15.1	101	0.17	0.40	0.53	0.23	45	117	40	157	33	
69	1135	1131	3.25	111	15.1	14.8	99	0.18	0.45	0.38	0.18	69	86	41	128	34.5	
70	1145	1213	3.38	100	15.1	14.6	100	0.17			0.19	53	86			35.5	
71	1155	1204	3.76	100	15.8	15.7	100	0.32			0.27	67	96			37.5	
72	1195	1261	2.38	100	16.7	16.3	100	0.25	0.66	1.24	0.36	78	128	60	189	36	
73*	1225	1391	3.88	143	14.1	15.1	101	0.41	0.37	0.54	0.54	78	102	36	138	33	
74	1315	1193														36.5	
75	1325	OUT															
76	1335	1263	2.28	84	17.0	17.1	115	0.28	0.01	0.74	0.27	63	91	23	115	36	
77	1355	OUT															
78	1385	1279	3.08	106	13.7	13.7	95	0.36	0.32	0.32	0.37	70	101	32	134	34	
79	1445	1315	3.22	118	14.7	14.3	96	0.23	0.93	0.45	0.19	68	125	66	191	36	
80	1465	1300	3.47	119	14.1	14.3	99	0.26	0.36	0.26	0.30	59	89	34	123	36	
81	1475	1215	2.53	74	14.4	14.0	101	0.28	0.25	0.21	0.21	61	99	27	126	35	
82	1555	1165	3.22	111	15.5	15.4	107	0.19	0.31	0.28	0.27	48	77	32	109	38	
83	1565	1173														34	
84	1605	1335	2.44	90	15.6	15.2	102	0.21	0.64	1.03	0.30	87	113	57	171	37.5	
85	1625	1160														35.5	
86	1635	1217	2.69	92	13.7	13.4	93	0.32	0.30	0.48	0.34	60	93	31	125	35	
87	1655	1169														33	
88	1695	1182														33.5	
89	1755	1223	1.78	65	14.6	14.5	97	0.15	0.42	0.46	0.25	51	112	40	153	36	
90	1765	1271	3.34	123	15.6	15.2	102	0.32	0.47	0.48	0.49	46	111	38	150	35	
91	1775	1335	2.64	97	15.6	15.5	104	0.41	0.48	0.78	0.35	78	84	47	132	35	
92*	1785	1069	3.07	113	13.5	13.5	91	0.32	0.31	0.14	0.27	62	65	29	94	32	
93	1815	1262														36	
94	1845	1293	1.54	57	16.0	15.9	107	0.25	0.15	0.58	0.21	77	98	27	125	34.5	
95	1945	1297	2.29	85	17.1	17.3	115	0.21	0.63	1.30	0.18	63	99	62	162	37	
96	1985	1269	3.18	109	15.0	15.2	106	0.39	0.27	0.45	0.28	64	78	31	110	33.5	
97	1995	1184														37	
98	2145	1177	2.52	74	14.9	14.6	105	0.26	0.50	0.46	0.18	64	102	42	144	35	
99*	2315	1154														31.5	
100*	2335	1240	2.65	97	15.5	15.2	102	0.25	0.40	0.45	0.26	57	96	40	136	32	

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			% IMF	Ratio	Ribeye	Ratio	Fat	EPD	EPD	Rump	Fat					
101*	2495	1184	3.20	94	14.1	13.9	100	0.34	0.59	0.27	0.28	66	88	43	131	37
102	2505	1212	6.22	182	13.1	13.0	94	0.26	1.10	0.63	0.26	65	120	76	197	35
103	2585	1259	2.04	75	15.0	14.7	99	0.29	0.10	0.55	0.49	82	104	22	126	35.5
104	2625	1246	2.71	93	14.3	14.1	98	0.14	0.44	0.40	0.18	53	106	41	147	34
105	2635	OUT														
106	2655	1247	3.10	114	14.5	14.5	97	0.17	0.38	0.28	0.25	46	99	35	135	33
107	2735	1182	2.91	85	12.8	12.6	91	0.31	0.71	0.47	0.38	57	103	52	156	32.5
108	2915	1313	2.74	94	16.2	16.1	112	0.36	0.16	0.61	0.37	60	83	29	112	36
109	2985	1218	2.98	110	14.1	14.0	94	0.49	0.31	0.16	0.46	53	88	28	116	35
110	3065	1343	1.99	68	15.2	15.1	105	0.22	0.00	0.36	0.36	80	110	15	126	38
111	3075	1284	2.50	86	14.9	14.8	103	0.53	0.16	0.55	0.52	62	100	24	124	39
112*	3085	1131														30.5
113*	3175	1218	1.66	57	14.7	14.7	102	0.30	0.05	0.48	0.23	52	77	25	102	35
114	3195	1154														35
115	3205	1269	3.13	108	14.5	14.7	102	0.31	0.33	0.29	0.28	68	89	33	122	35
116	3255	1124														34.5
117	3525	1211	3.73	109	14.6	14.7	106	0.39	0.38	0.43	0.21	71	86	38	124	33.5
118	3605	1199														34
119	3625	1355	3.22	111	14.0	14.0	97	0.28	0.19	0.43	0.17	47	98	31	130	35
120*	3635	1175														32
121	3685	1160														37
122	3715	1182	2.76	81	14.8	14.8	106	0.34	0.51	0.38	0.50	65	82	39	121	36
123	3775	1210	1.46	51	16.3	16.3	106	0.19	0.37	0.67	0.21	55	102	41	143	31.5
124	3795	1371	2.57	88	14.5	15.0	104	0.25	0.45	0.44	0.37	89	128	38	166	40
125	3905	1164														36
126	3935	1071														37
127	3955	1224														32.5
128	3975	1304	3.35	116	15.6	15.7	102	0.38	0.31	0.38	0.37	71	95	28	123	35
129*	3985	1108														33
130	4045	1185	3.33	122	12.9	13.0	87	0.27	0.54	0.29	0.21	68	91	41	133	36
131	4065	1394	2.32	80	14.7	14.8	103	0.20	0.31	1.02	0.19	54	125	46	172	38.5
132	4205	1175														35.5
133	4355	1094														34.5
134	4415	1161	3.01	103	13.1	13.2	92	0.29	0.29	0.14	0.29	52	88	28	116	35

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											Fat	EPD						
135	4445	OUT																
136	4455	OUT																
137	4525	OUT																
138*	4665	1267	3.18	110	14.4	14.7	95	0.33	0.31	0.37	0.40	69	91	31	123	35		
139*	4845	1231	3.35	116	15.3	15.7	102	0.44	0.22	0.31	0.31	73	77	26	104	33.5		
140*	5225	1168	2.27	85	15.7	16.0	101	0.31	0.12	0.45	0.36	64	93	26	119	32		
141*	6275B	1171	2.88	100	16.3	16.6	108	0.39	0.56	0.45	0.51	73	89	43	133	38		
142	7025	1215	2.32	100	15.2	15.4	100	0.31			0.30						35	

**Updated EPDs for Lot 67**

Lot 67	Gray's Three Rivers 1115																	
	Reg: 21521464		DOB: 02/14/25		Tattoo: 1115													
	CED	BW	WW	YW	Milk	\$EN												
	-7	5.2	83	139	22	-37												
			\$M	\$W	\$F													
			49	57.0	92													

**Angus GS = "Angus Genomic Selection", a high density DNA profiling tool designed for the purpose to help breeders with genetic selection, breeding and management decisions. We have added this profiling to some of the bulls in the sale this year and included the highest percentages in areas they scored.**

Added Genomic Enhanced EPDs (not included in catalog):

- Lot 84 - Genomics ranks in the top 1% WW, 3% YW, 1% CWT, 20% Marb, 12% RE
- Lot 95 - Genomics ranks in the top 4% RE
- Lot 108 - Genomics ranks in the top 11% WW, 15% Doc
- Lot 124 - Genomics ranks in the top 3% WW, 7% YW, 10% CWT, 33% Marb
- Lot 128 - Genomics ranks in the top 13% WW, 18% YW

**Heifers will be sold in lots of 6**

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**Expected Progeny Difference (EPD).** An EPD is the prediction of how future progeny are expected to perform relative to progeny of other animals within the same database. EPDs are expressed in units of measure for the trait, plus or minus. Interim EPDs may appear on young animals when their performance has yet to be incorporated into the American Angus Association National Cattle Evaluation (NCE) procedures. This EPD may or may not include the animal's own performance record for a particular trait, depending on its availability, appropriate contemporary grouping, or data edits needed for NCE.

**Calving Ease Direct (CED),** is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire's calves will be born when he is bred to first-calf heifers.

**Birth Weight EPD (BW),** expressed in pounds, is a predictor of a sire's ability to transmit birth weight to his progeny compared to that of other sires.

**Weaning Weight EPD (WW),** expressed in pounds, is a predictor of a sire's ability to transmit weaning growth to his progeny compared to that of other sires.

**Yearling Weight EPD (YW),** expressed in pounds, is a predictor of a sire's ability to transmit yearling growth to his progeny compared to that of other sires.

**Maternal Milk EPD (Milk),** is a predictor of a sire's genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. In other words, it is that part of a calf's weaning weight attributed to milk and mothering ability.

**Cow Energy Value (\$EN),** expressed in dollar savings per cow per year, assesses differences in cow energy requirements as an expected dollar savings difference in daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses). Components for computing the cow \$EN savings difference include lactation energy requirements and energy costs associated with differences in mature cow size.

**Carcass Weight EPD (CW),** expressed in pounds is a predictor of the differences in hot carcass weight of a sire's progeny compared to progeny of other sires.

**Marbling EPD (Marb),** expressed as a fraction of the difference in USDA marbling score of a sire's progeny compared to progeny of other sires.

**Ribeye Area EPD (RE),** expressed in square inches, is a predictor of the difference in ribeye area of a sire's progeny compared to progeny of other sires.

**Fat Thickness EPD (Fat),** expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire's progeny compared to progeny of other sires.

**Maternal Weaned Calf Value (\$M),** an index, expressed in dollars per head, predicts profitability differences from conception to weaning with the underlying breeding objective assuming that individuals retain their own replacement females within herd and sell the rest of the cull female and all male progeny as feeder calves. The model assumes commercial producers will replace 25% of their breeding females in the first generation and 20% of their breeding females in each subsequent generation. Traits included are as follows: calving ease direct, calving ease maternal, weaning weight, milk, heifer pregnancy, teat size, udder suspension, functional longevity, docility, mature cow weight, claw set and foot angle.

**Weaned Calf Value (\$W),** an index, expressed in dollars per head, to predict profitability differences in progeny due to genetics from birth to weaning. The underlying objective being producers will retain 20% of the female progeny as replacements and sell the rest of the cull females and their male counterparts as feeder calves. Traits included are as follows (in no particular order): birth weight, weaning weight, milk, and mature cow weight.

**Feedlot Value (\$F),** an index, expressed in dollars per head, to predict profitability differences in progeny due to genetics for postweaning feedlot merit compared to the progeny of other sires. The underlying objective assumes producers will retain ownership of cattle through the feedlot phase and sell fed cattle on a carcass weight basis, but with no consideration of premiums or discounts for quality and yield grade. Traits contributing directly to the index are as follows: yearling weight (gain), carcass weight and dry-matter intake.

**Grid Value (\$G),** an index, expressed in dollars per carcass, to predict profitability differences in progeny due to genetics for carcass grid merit compared to progeny of other sires. The underlying objective assumes producers will market cattle on an above-industry-average carcass grid. Traits included in the index are as follows (in no particular order): carcass weight, marbling, ribeye area, and fat.

**Beef Value (\$B),** a terminal index, expressed in dollars per carcass, to predict profitability differences in progeny due to genetics for postweaning and carcass traits. This terminal index assumes commercial producers wean all male and female progeny, retain ownership of these animals through the feedlot phase and market these animals on a carcass grid. Traits included in the index are as follows: yearling weight, dry-matter intake, marbling, carcass weight, ribeye area and fat.

Gray's Angus appreciates your business and support!

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