

STEER CARCASS DATA - KITTTITAS COUNTY FAIR - 2019

INTRODUCTION AND EXPLANATION OF TERMS

This is the 53rd year of conducting the Steer of Merit program for the Kittitas County Fair. The Steer of Merit program places emphasis on carcass quality and recognizes exhibitors and breeders of animals that meet established standards.

In addition to the customary placing and awards, Steer of Merit Certificates are presented to both the exhibitor and breeder of each Steer of Merit.

Data was provided through USDA graders.

WASHINGTON STEER OF MERIT SPECIFICATIONS

1. **Hot Carcass Weight** – At least 600 pounds but not more than 900 pounds.
2. **Rib Eye Area** – Minimum rib eye size according to the following scale:

<u>Hot Carcass Weight</u>	<u>Min. Rib Eye Area</u>
600	11.0
700	12.2
800	13.1
900	13.1

3. **Yield Grade** – 2.99 or lower (Estimated by a beef carcass yield grade equation). A 2.9 or better yield grade corresponds with 50.3 cutability and indicates 50.3 percent of the carcass weight in boneless, closely trimmed, retail cuts from round, loin, rib, and chuck.
4. **Carcass Quality Grade** – Low choice or better
5. **Average Daily Gain** – 2.60 or more.
6. **Carcass Acceptability** – Acceptable color and firmness with no defects.

COLUMNS

1. **Ear tag Number**
2. **Carcass Rank** – Steers that qualified as Steers of Merit are ranked according to their index.
3. **Exhibitor Name**
4. **Live Placing**- Placing within class at fair.
5. **Pre-Show weight** – weight at Beef Pre-Show
6. **Fair Weight** – weight at Fair weigh-in
7. **Quality Grade** – The grade that the federal grader placed on the carcass at the processor
8. **Hot Carcass Weight** – Actual weight of the hot carcass before fabrication
9. **Dressing Percentage** – Hot carcass weight divided by the live weight.
10. **Rib fat** – Fat measured over the loin muscle between the 12th & 13th ribs. Calculated from packer yield grade.
11. **REA** – Cross-sectioned area of the ribeye muscle
12. **REA Required** – The minimum size of rib eye required, based on carcass weight, for the carcass to qualify as a Steer of Merit.
13. **% Kidney, Pelvic, and Heart Fat** – A measure of the fat inside the body cavity.
14. **Yield Grade** – Reflects how much usable meat is on the carcass, incorporating fat thickness, dressing percentage, KPH fat, and size of loin eye relative to weight.
15. **Average Daily Gain** – Rate of gain from Beef Pre-Show to Fair weigh-in
16. **QG Code**-Numerical code for the Quality Grade
18. **Cutability** – Estimate of the percentage of trimmed lean meat from the boneless round, loin, rib and chuck. This estimate is determined by a formula developed by USDA, as these four cuts represent the major and most important cuts of the beef carcass.
19. **Index** – Cutability and rate of gain combined in an index (40% gain and 60% on cutability).
20. **Steer of Merit** – SoM indicates that the steer met the requirements for Steer of Merit.
21. **Breeder**
22. **Club**

2019 Kittitas County Fair Steer Carcass Evaluation

Criteria: HCW 600-900 lbs; USDA yield grade <3; required REA based on USDA yield grade scale; QG low Choice or better; ADG at least 2.6

158

Tag #	Carcass rank	Name	Last	Market class placing	Pre-show wt	Fair weight	Packer	Quality Grade	HCW	Dress. %	FT	Prelim YG	REA	REA req'd	KPH	YG	ADG	QG code	Cutability	Index	SoM	Breeder	Club	
28	1	Tesslyn	Preppernau	7	880	1490	PC	CH+	881	0.59	0.20	2.5	15.8	13.1	0.6	1.9	3.86	12	53.41	103.59	SoM	Charlene Andrews	Fairview 4-H	
42	2	Ashlynn	Stevie	6B	732	1237	PC	CH	672	0.54	0.20	2.5	13.9	11.9	0.6	1.9	3.20	10	53.94	101.84	SoM	Ty A. Wallace	Get Up & Go	
18	3	Sam	Tostenson	10	828	1332	PC	CH+	840	0.63	0.20	2.5	14.5	13.1	0.6	1.9	3.19	12	52.82	102.62	SoM	Wallace Ranch	Grow Em & Show Em	
41	4	Keely	Thayer	4	870	1365	PC	CH	786	0.58	0.20	2.5	14	13.1	0.5	1.9	3.13	10	53.00	101.10	SoM	Aldersyde Farm	Grow Em & Show Em	
1	5	Wyatt	Crowley	3B	849	1317	PC	CH	780	0.59	0.20	2.5	14	13.1	0.6	1.9	2.96	10	53.01	100.97	SoM	Missing Horn Ranch	Get Up & Go	
54	6	Colton	Calaway	5B	829	1279	AB	CH+	770	0.60	0.5	3.4	14.5	13.0	0.5	2.3	2.85	12	51.79	101.59	SoM	Rocking RS Ranch	Grow Em & Show Em	
17	7	Kelby	Tostenson	6B	868	1421	PC	CH	833	0.59	0.40	3.0	14.7	13.1	0.5	2.4	3.50	10	51.93	100.62	SoM	Wallace Ranch	Grow Em & Show Em	
19	8	Hadlee	Hanson	8	845	1341	PC	CH+	823	0.61	0.40	3.0	13.7	13.1	0.6	2.4	3.14	12	51.23	101.42	SoM	E9 Cattle Company	Grow Em & Show Em	
5	9	Hannah	Tirey	3B	678	1267	PC	CH	740	0.58	0.40	3.0	12.7	12.7	0.6	2.4	3.73	10	51.27	100.32	SoM	C- Lightning Ranch	Fairview 4-H	
20	10	Hadlee	Hanson	5B	878	1382	AB	CH+	887	0.64	0.70	3.9	15.4	13.1	0.5	2.9	3.19	12	50.21	100.72	SoM	Eric Celigoy/Bline Drifter	Grow Em & Show Em	
24	11	Taya	Bugni	7B	908	1357	AB	CH	806	0.59	0.40	2.9	13.8	13.1	0.5	2.1	2.84	10	51.51	99.78	SoM	Jana Koller	Ellensburg FFA	
11	12	Drew	Bland	4B	903	1404	AB	CH	825	0.59	0.40	3.2	13.4	13.1	0.5	2.6	3.17	10	51.04	99.71	SoM	Rafter B	Ellensburg FFA	
34	13	Harley	Allemand	6R	786	1286	AB	CH	749	0.58	0.50	3.5	13.2	13.1	0.5	2.7	3.16	10	51.02	99.69	SoM	Nathan Allemand	Get Up & Go	
43	14	Makenna	Vraves	2B	886	1354	PC	CH+	811	0.60	0.6	3.5	13.7	13.1	0.6	2.9	2.96	12	50.19	100.52	SoM	Vraves Family Farm	Get Up & Go	
25	15	Kase	Montgomery	3B	792	1340	AB	CH	804	0.60	0.60	3.5	13.4	13.1	0.5	2.9	3.47	10	50.08	99.25	SoM	Burkholder & Unruh	Get Up & Go	
7	16	Kacee	Schott	14	705	1199	PC	CH	732	0.61	0.60	3.5	13.0	12.6	0.6	2.9	3.13	11	50.41	100.01	SoM	C- Lightning Ranch	Fairview 4-H	
27	17	Seth	Walker	5B	883	1320	AB	CH-	791	0.60	0.40	2.9	13.3	13.1	0.5	2.2	2.77	10	51.28	99.55	SoM	Missing Horn Ranch	Get Up & Go	
22	18	Sam	Tostenson	7B	878	1418	PC	CH-	820	0.58	0.60	3.5	13.6	13.1	0.6	2.9	3.42	10	50.03	99.17	SoM	Wallace Ranch	Grow Em & Show Em	
16		Jayda	McFadin	11	648	1222	AB	SE+	716	0.59	0.40	3.0	16.7	13.1	0.5	1	3.63	9	54.50	101.80	0	Missing Horn Ranch	Ellensburg FFA	
36		Wyatt	Morgan	13	794	1191	AB	CH	750	0.63	0.50	3.3	16.4	13.1	0.5	1.5	2.51	10	53.38	100.87	0	Burkholder & Unruh	Grow Em & Show Em	
49		Taylor	Bloxham	3B	803	1464	AB	CH	915	0.63	0.5	3.2	15.6	13.1	0.5	2.3	4.18	10	51.25	100.69	0	Charlene Andrews	Kittitas FFA	
45		Claire	German	15	836	1220	AB	CH-	728	0.60	0.30	2.8	15.5	12.5	0.5	1.2	2.43	10	54.07	101.31	0	Wallace Ranch	Grow Em & Show Em	
39		Cora	Clift	2	942	1343	PC	CH	852	0.63	0.40	3.0	16	13.1	0.6	2.2	2.54	10	52.67	100.37	0	Jake Gale	Ellensburg FFA	
12		Drew	Bland	5B	985	1646	PC	CH	992	0.60	0.40	3.0	15.2	13.1	0.6	2.4	4.18	10	50.77	100.34	0	Rafter B	Ellensburg FFA	
6		Hannah	Tirey	6B	832	1334	PC	CH+	947	0.71	0.40	3.0	14.6	13.1	0.6	2.4	3.18	12	50.75	101.10	0	Crouthamel Cattle Co	Fairview 4-H	
33		Brenna	Wilson	4B	971	1331	AB	CH	815	0.61	0.40	3.2	14.7	13.1	0.5	2.2	2.28	10	52.10	99.75	0	Bruce Wilson	Grow Em & Show Em	
15		Tyge	Taylor	12	764	1296	AB	SE+	759	0.59	0.40	3.1	15.1	13.1	0.5	1.8	3.37	9	52.91	100.43	0	Dixon Land & Livestock	Ellensburg FFA	
55		Ethan	Winn	3	1010	1420	PC	CH-	945	0.67	0.4	3	17	13.1	0.6	2.4	2.59	10	52.54	100.33	0	White Rooster Cattle	Robber's Roost 4-H	
3		Parker	Lyyski	5	927	1308	AB	CH	854	0.65	0.60	3.5	16.2	13.1	0.5	2.2	2.41	10	51.69	99.56	0	Dixon Land & Livestock	Grow Em & Show Em	
21		Kelby	Tostenson	6	924	1478	AB	CH	867	0.59	0.40	3.1	12.7	13.1	0.5	2.9	3.51	10	50.13	99.32	0	Haley Seaton	Grow Em & Show Em	
14		Rain	Mermelstein	5B	891	1354	PC	CH+	805	0.59	0.80	4.0	14.4	13.1	0.5	3.2	2.93	12	49.65	100.10	0	Fraizer Ranch	This n That 4-H	
4		Payton	Lyyski	1	930	1423	PC	CH-	935	0.66	0.40	3.1	15.2	13.1	0.6	2.2	3.12	10	51.30	99.86	0	Dixon Land & Livestock	Grow Em & Show Em	
2		Wyatt	Crowley	8B	862	1388	AB	CH-	774	0.56	0.40	3.1	12.4	13.1	0.5	2.7	3.33	10	50.77	99.64	0	Charlene Andrews	Get Up & Go	
32		Brenna	Wilson	3B	881	1238	PC	CH	724	0.58	0.40	3.0	11.8	13.1	0.6	2.6	2.26	10	50.75	98.75	0	Bruce Wilson	Grow Em & Show Em	
10		Abbey	Roberts	4B	882	1505	AB	CH-	874	0.58	0.40	3.1	12.3	13.1	0.5	3.1	3.94	10	49.77	99.41	0	Bob Hall	Ellensburg FFA	
44		Hailey	Vraves	4B	695	1239	PC	CH-	724	0.58	0.60	3.5	11.8	13.1	0.6	3.1	3.44	10	49.59	98.87	0	Vraves Family Farm	Get Up & Go	
38		Bailey	Sherley	8R	948	1356	PC	SE	773	0.57	0.20	2.5	13.2	13.1	0.5	1.9	2.58	7	52.53	97.91	0	Hartshorn Ranch	Fairview 4-H	
31		Clint	Rinehart	8R	725	1305	AB	SE+	737	0.56	0.50	3.3	11.2	12.6	0.5	3.1	3.67	9	49.65	98.30	0	Rinehart Ranch	Hard to Beat	
35		Josie	Allemand	7B	888	1319	PC	SE-	737	0.56	0.20	2.5	12.6	12.6	0.6	1.9	2.73	7	52.38	97.92	0	Nathan Allemand	Get Up & Go	
29		Dallon	Walker	3B	780	1181	PC	SE+	682	0.58	0.40	3.0	10.9	13.1	0.6	2.4	2.54	9	50.47	97.98	0	Sharon Howe	Get Up & Go	
23		Wade	Hillemann	7R	805	1233	AB	S+	719	0.58	0.50	3.4	14.7	12.4	0.5	2	2.71	6	52.41	97.13	0	DC	Thea McFadden	Ellensburg FFA

30		Kara	Rinehart	5R	666	1174	AB	SE-	688	0.59	0.60	3.5	10.4	13.1	0.5	3.4	3.22	7	48.94	95.81	0		Rinehart Ranch	Hard to Beat
----	--	------	----------	----	-----	------	----	-----	-----	------	------	-----	------	------	-----	-----	------	---	-------	-------	---	--	----------------	--------------