

STEER CARCASS DATA - KITTITAS COUNTY FAIR - 2018

INTRODUCTION AND EXPLANATION OF TERMS

This is the 52nd 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**

2018 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														
Tag #	Carcass rank	Name	Last	Live Placing	Pre-show wt	Fair weight	Quality Grade	HCW	Dress. %	FT	Prelim YG	REA	REA req'd	KPH	YG	ADG	QG code	Cutability	Index	SoM	Breeder	Club
920	1	Brenna	Wilson	R7	811	1221	PR-	726	0.59	0.40	3.0	14.8	12.5	0.5	1.6	2.60	13	53.00	103.88	SoM	Bruce Wilson	Grow Em Show Em
908	2	Parker	Lyyski	8	890	1422	PR-	869	0.61	0.40	0.4	14.3	13.1	1.5	2.6	3.37	13	50.84	102.63	SoM	Dixon Land & Livestock - John Dixon	Grow Em Show Em
912	3	Wyatt	Crowley	13	823	1335	CH	767	0.57	0.20	2.5	13.1	13.0	1.0	1.6	3.24	11	52.28	102.24	SoM	C and A Cattle - Alexis Andrews	Get Up & Go
921	4	Wyatt	Morgan	B3	704	1314	CH	732	0.56	0.40	3.0	13.2	12.6	1.0	2.5	3.86	11	51.53	102.15	SoM	Katie & Jerry Emerson	Grow Em Show Em
928	5	Hailey	Vraves	R7	800	1342	CH+	776	0.58	0.40	3.0	13.2	13.1	1.5	2.5	3.43	12	50.89	101.94	SoM	Sonya Vraves	Get Up & Go
847	6	Luke	Tracy	B4	850	1423	CH+	797	0.56	0.60	3.5	14.4	13.1	1.0	2.7	3.63	12	50.65	101.92	SoM	Pat Tracy	Grow Em Show Em
855	7	Taylor	Bloxham	B7	891	1364	CH+	801	0.59	0.40	3.0	13.8	13.1	1.5	2.2	2.99	12	51.10	101.71	SoM	Charlene Andrews	Kittitas FFA
845	8	Drew	Bland	6	974	1418	CH+	880	0.62	0.60	3.8	15.8	13.1	0.5	2.7	2.81	12	51.15	101.58	SoM	Larry Bland	Ellensburg FFA
839	9	Keely	Thayer	B6	715	1278	CH-	749	0.59	0.50	3.4	14.2	12.8	0.5	2.3	3.56	10	51.76	101.28	SoM	Bar D Livestock - Daniel DeFranco	Grow Em Show Em
851	10	Thomas	German	B5	931	1409	CH	850	0.60	0.40	3.2	14	13.1	0.5	2.6	3.03	11	51.25	101.08	SoM	Unruh Angus - John Unruh	Grow Em Show Em
919	11	Sam	Tostenson	4	826	1397	CH-	804	0.58	0.30	2.7	13.5	13.1	1.5	2.3	3.61	10	51.43	101.02	SoM	Steve & Debbie Wallace	Grow Em Show Em
916	12	Abbey	Roberts	B4	773	1250	CH+	847	0.68	0.50	3.2	14	13.1	1.5	2.8	3.02	12	50.24	100.94	SoM	R Ranch - Edra Roberts	Ellensburg FFA
933	13	Breanne	Combs	R5	902	1336	CH	814	0.61	0.40	3.3	13.7	13.1	0.5	2.6	2.75	11	51.36	100.91	SoM	Tim McIntyre	Fairview
929	14	Craig	Burriss	5	907	1357	CH	890	0.66	0.60	3.6	15.5	13.1	0.5	2.6	2.85	11	50.83	100.52	SoM	Missing Horn Ranch - Mark Passmore	Ellensburg FFA
857	15	Ava	LaValley	B4	860	1345	CH-	786	0.58	0.30	2.7	13.3	13.1	1.5	2	3.07	10	51.45	100.50	SoM	Hafer Show Stock LLC - Jacob Hafer	Kids & Kritters
856	16	Bailey	Sherley	R4	788	1321	CH-	757	0.57	0.40	3.0	12.9	12.9	1.0	2.5	3.37	10	51.07	100.46	SoM	Hartshorn Ranch - Doug Hartshorn	Fairview
915	17	Kelby	Svendsen	B5	810	1260	CH-	740	0.59	0.30	2.6	12.8	12.7	1.5	2.2	2.85	10	51.50	100.34	SoM	Steve & Debbie Wallace	Grow Em Show Em
927	18	Hannah	Tirey	B6	904	1409	CH	808	0.57	0.50	3.3	13.5	13.1	1.5	2.9	3.20	11	50.23	100.31	SoM	Carlson Cattle Company - Brian Carlson	Fairview
852	19	Colton	Calaway	3	914	1393	CH	831	0.60	0.60	3.5	14.7	13.1	1.5	2.8	3.03	11	50.33	100.24	SoM	Jeff Calaway	Grow Em Show Em
925	20	Wyatt	Hillemann	B3	973	1442	CH	865	0.60	0.60	3.5	15	13.1	1.5	2.8	2.97	11	50.23	100.09	SoM	Tim McIntyre	Fairview
843	21	Kase	Montgomery	7	772	1341	CH-	757	0.56	0.50	3.2	12.9	12.9	1.5	2.8	3.60	10	50.26	99.93	SoM	Unruh Angus - John Unruh	Get Up & Go
909	22	Payton	Lyyski	2	838	1265	CH-	802	0.63	0.50	3.4	13.4	13.1	0.5	2.8	2.70	10	50.68	99.44	SoM	Dixon Land & Livestock - John Dixon	Grow Em Show Em
838		Jayda	McFadden	B6	887	1223	CH	721	0.59	0.30	3.0	13.8	12.5	0.5	1.9	2.13	11	52.88	101.71	0	Montgomery Family Cattle - Shaun Mont	Ellensburg FFA
935		Kacee	Schott	B3	901	1340	PR-	822	0.61	0.50	3.5	12.8	13.1	0.5	3.1	2.78	13	50.05	101.33	0	C-lightning - Dan Charlton	Fairview
854		Tim	Case	R5	953	1450	CH+	823	0.57	0.50	3.0	13.7	13.1	1.5	3.1	3.15	12	50.24	101.07	0	Case Red Angus - Tim Case	Ellensburg FFA
910		Cora	Clift	1	1014	1383	CH-	836	0.60	0.20	2.5	14.6	13.1	1.0	2.1	2.34	10	52.75	100.99	0	Jake Gale	Ellensburg FFA
844		Drew	Bland	B3	990	1479	PR-	885	0.60	0.70	3.9	14.5	13.1	1.2	3.6	3.09	13	49.24	100.89	0	Larry Bland	Ellensburg FFA
936		Avrie	Nemrow	12	859	1323	SE+	809	0.61	0.20	2.5	14.4	13.1	1.0	1.9	2.94	9	52.85	100.88	0	White Rooster Ranch - Skyler Jarman	Fairview
859		Bailey	Sherley	B3	668	1243	CH	727	0.58	0.50	3.4	12.5	12.5	1.5	3	3.64	11	50.25	100.75	0	Larry Bland	Fairview
862		Jeana	Stampfly	R5	969	1420	CH+	805	0.57	0.60	3.5	13.4	13.1	1.5	3.3	2.85	12	49.61	100.20	0	Scott & Yvonne Stampfly	Fairview
914		Logan	Svendsen	B4	687	1243	SE+	712	0.57	0.40	3.0	12.5	12.3	0.5	2.1	3.52	9	51.43	100.12	0	Horizon Hay & Cattle - Nathan Allemand	Kittitas FFA
861		Jeana	Stampfly	10	1040	1604	CH+	904	0.56	0.50	3.2	14.6	13.1	1.0	2.7	2.70	11	50.38	99.96	0	Scott & Yvonne Stampfly	Fairview
937		Ethan	Winn	14	662	1183	SE-	717	0.61	0.50	3.4	15.7	12.4	0.5	1.7	3.30	7	53.17	99.92	0	White Rooster Ranch - Skyler Jarman	Fairview
911		Wyatt	Crowley	B4	984	1403	CH	805	0.57	0.60	3.5	14.4	13.1	1.5	3.1	2.65	11	50.35	99.88	0	Cade Lyyski	Get Up & Go
938		Tesslyn	Preppernau	B5	657	1207	CH-	715	0.59	0.50	3.5	11.7	12.4	0.5	3.1	3.48	10	50.23	99.78	0	C and A Cattle - Alexis Andrews	Fairview
918		Kelby	Svendsen	B4	783	1275	SE+	774	0.61	0.40	3.2	13	13.1	0.5	2.6	3.11	9	51.22	99.54	0	Jim & Carrie Seaton	Grow Em Show Em
842		Rain	Mermelstein	B5	995	1359	CH	813	0.60	0.50	3.2	12.9	13.1	1.5	2.8	2.30	11	49.74	98.98	0	Frazier Ranch - Susan Hunt	This N That
841		Tesslyn	Preppernau	9	957	1501	CH+	875	0.58	0.70	3.8	11.6	13.1	0.5	4	3.44	12	47.51	98.83	0	Tandy Preppernau	Fairview
913		Taya	Bugni	15	845	1193	CH	710	0.60	0.50	3.4	12.6	12.3	1.5	2.6	2.20	10	50.48	98.76	0	Jana Koller	Ellensburg FFA
926		Wade	Hillemann	R6	824	1325	SE-	800	0.60	0.4	3.0	13.5	13.1	1.5	2.4	3.17	7	50.89	97.69	0	Tim McIntyre	Fairview
932		Seth	Walker	R9	854	1343	SE-	808	0.60	0.50	3.4	13.3	13.1	0.5	2.8	3.09	7	50.55	97.30	0	Silver Fir Farms - Mandy Vossbeck	Get Up & Go
849		Claire	German	11	807	1279	SE-	753	0.59	0.50	3.4	12.5	12.8	0.5	2.9	2.99	7	50.47	97.12	0	Reece Idland	Grow Em Show Em