

Springwood Livestock Management Service

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2019 Shenandoah County Fair

4-H/FFA Steer Ultrasound Data Explanation

Column 1:	Exhibitor
Column 2:	Tag Number
Column 3:	Start Wt. (provided by Shenandoah County Extension Office)
Column 4:	Live Wt. (provided by Shenandoah County Extension Office)
Column 5:	Carcass Wt. (ending live wt. x 63.5% dressing)
Column 6:	Ultrasound rib eye area
Column 7:	Average REA required (based on carcass weight)
Column 8:	Ultrasound Rib Fat
Column 9:	Ultrasound %IMF
Column 10:	Marbling Score (based on %IMF and used to determine quality grade)
Column 11:	Quality Grade (based on ultrasound data, <u>NOT</u> Live quality grade)
Column 12:	Yield Grade (calculated using carcass wt., REA, and back fat)
Column 13:	% Retail Product (calculated based on carcass weight, back fat, and muscling)
Column 14:	Final Rank

****This year steers were ranked by quality and yield with the top 10 steers being recognized for having "best" carcasses that excelled in muscling, leanness, and yield grade, while maintaining a choice quality grade.**

2019
Shenandoah County 4-H/FFA Livestock Show
Market Steer Show
Ultrasound Carcass Competition

Exhibitor	Tag #	Start Wt	Live Wt	Carcass Wt	Ultrasound REA	Avg. REA (for carcass wt)	Ultrasound Rib Fat	Ultrasound %IMF	Marbling Score	Quality Grade	Yield Grade	% Retail Product	Rank
Chad Biby	160	908	1162	738	15.2	12.8	0.22	05.46	1066	Choice-	1.5	75.6	1
Katelyn Lutz	130	926	1177	747	16.0	12.9	0.41	04.92	1039	Choice -	1.7	72.7	2
Christian Dellinger	137	1104	1281	813	17.0	14.1	0.53	07.54	1159	Choice ⁰	2.0	71.1	3
Trey French	134	942	1221	775	15.5	13.4	0.41	05.11	1048	Choice -	2.0	72.4	4
Sierra Sager	143	933	1161	737	15.8	12.8	0.58	06.13	1097	Choice -	2.2	69.6	5
Carter Heishman	145	478	1151	731	13.8	12.7	0.34	07.47	1156	Choice ⁰	2.2	72.7	6
Levi Hamrick	141	767	1261	801	14.6	13.9	0.37	05.54	1069	Choice-	2.3	72.7	7
Luke Whetzel	148	804	1311	832	17.5	14.4	0.69	08.25	1187	Choice ⁰	2.3	68.6	8
Jacey Shelton	159	875	1360	864	14.1	15.0	0.34	05.58	1071	Choice -	2.6	72.9	9
Faith Dellinger	138	889	1317	836	15.0	14.5	0.50	07.41	1153	Choice ⁰	2.6	70.6	10
Lindsey Hamrick	142	903	1230	781	13.4	13.5	0.40	05.40	1062	Choice-	2.7	71.5	11
Kyle Lutz	132	886	1232	872	14.6	13.6	0.42	04.52	1018	Choice -	2.7	71.7	12
Jeremy Viar	162	985	1222	776	16.2	13.4	0.79	06.02	1092	Choice-	2.7	66.0	13
Madison Wright	151	1040	1460	927	15.5	16.1	0.50	05.28	1057	Choice ⁰	2.8	70.8	14
Joseph DiRoberto	150	875	1197	760	13.1	13.2	0.47	06.69	1123	Choice ⁰	2.9	70.0	15
Trey French	135	841	1214	771	14.0	13.4	0.62	06.88	1131	Choice ⁰	3.0	67.9	16
Faith Dellinger	139	753	1316	836	14.6	14.5	0.64	07.29	1149	Choice ⁰	3.1	67.8	17
Rhonnie Miller	165	914	1228	780	12.9	13.5	0.51	03.88	984	Select+	3.1	69.2	18
Lane Stephens	164	925	1227	779	13.8	13.5	0.69	04.28	1006	Choice -	3.3	66.5	19
Reagan Bowman	152	678	1267	805	14.0	13.9	0.68	07.42	1154	Choice ⁰	3.3	66.8	20
Ashley Bushong	133	549	1274	809	13.5	14.0	0.67	06.75	1125	Choice ⁰	3.4	66.7	21
Ethan Showman	140	771	1230	781	12.8	13.5	0.65	07.29	1149	Choice ⁰	3.5	66.8	22
Walker Bowman	153	857	1484	942	15.0	16.3	0.71	06.14	1098	Choice -	3.6	66.8	23
Rhonnie Miller	166	863	1310	832	12.4	14.4	0.57	05.71	1077	Choice-	3.6	67.9	24
Lindsey Rigby	156	837	1324	841	13.5	14.6	0.71	05.88	1086	Choice-	3.6	66.0	25
Reagan Bowman	154	746	1202	763	14.1	13.2	0.94	07.76	1168	Choice ⁰	3.7	62.2	26
Houston Kibler	167	878	1361	864	13.7	15.0	0.82	08.40	1193	Choice ⁰	4.0	64.1	27
Jacey Shelton	158	918	1397	887	11.9	15.4	0.61	05.95	1089	Choice -	4.1	66.8	28
Rosa Falzarano	163	881	1307	830	13.6	14.4	0.99	07.16	1143	Choice ⁰	4.3	61.0	29
Sierra Sager	144	769	1580	1003	10.4	17.4	0.59	06.79	1127	Choice ⁰	5.0	66.5	30