

Minnesota State Fair FFA Beef Carcass Contest

9/1/17

Mac Scan
Dallas McDermott

<u>Exhibitor</u>	<u>ID</u>	<u>Live Weight</u>	<u>Est. Carcass Weight</u>	<u>Rib Eye Area</u>	<u>Fat Cover</u>	<u>% IMF</u>	<u>USDA Quality Grade</u>	<u>USDA Yield Grade</u>	<u>Base Carcass Price / cwt</u>	<u>Total Carcass Premium (Discount)</u>	<u>Carcass Value /cwt</u>	<u>% Retail Product</u>	<u>Relative Value of Retail Product</u>	<u>Rank</u>
Jenna White	1045	1320	825	17.9	0.43	4.5	Low Choice	1.5	170.00	6.50	176.50	69.23	122.18	1
Bodie Mayer	1035	1174	734	14.8	0.25	4.3	Low Choice	1.7	170.00	6.50	176.50	68.30	120.56	2
Malory Mattson	1022	1264	790	17.1	0.48	5.1	Low Choice	1.7	170.00	6.50	176.50	68.11	120.22	3
Kyle Knott	1047	1412	883	16.1	0.29	4.6	Low Choice	1.9	170.00	6.50	176.50	67.55	119.23	4
Kyle Wanous	1044	1372	858	16.0	0.32	4.9	Low Choice	1.9	170.00	6.50	176.50	67.55	119.22	5
Matthew Bether	1046	1464	915	17.4	0.28	3.5	High Select	1.6	170.00	2.50	172.50	68.88	118.82	6
Tiana Larson - Barrett	1058	1254	784	15.7	0.35	3.8	High Select	1.8	170.00	2.50	172.50	67.78	116.92	7
Dustin Krbidermache	1042	1398	874	15.8	0.34	5.1	Low Choice	2.1	170.00	2.50	172.50	66.79	115.22	8
Taylor Hecht	1059	1424	890	16.5	0.44	4.2	Low Choice	2.2	170.00	2.50	172.50	66.49	114.70	9
Ayla Wicklow	1029	1234	771	15.0	0.45	4.2	Low Choice	2.3	170.00	2.50	172.50	66.14	114.10	10
Clay Blair	1060	1476	923	16.2	0.44	4.3	Low Choice	2.4	170.00	2.50	172.50	65.72	113.37	11
Abby Endres	1043	1430	894	15.7	0.28	3.2	High Select	2.1	170.00	(1.50)	168.50	67.08	113.02	12
Cater Johnson	1032	1230	769	15.4	0.60	5.6	Low Choice	2.5	170.00	2.50	172.50	65.21	112.49	13
Henry Schultz	1012	1302	814	12.8	0.30	6.4	Choice	2.7	170.00	3.00	173.00	64.35	111.33	14
Colton Raatz	1052	1392	870	15.1	0.55	4.9	Low Choice	2.8	170.00	2.50	172.50	64.01	110.41	15
Reece Riebel	1030	1560	975	15.4	0.48	4.5	Low Choice	3.0	170.00	2.50	172.50	63.65	109.80	16
Samantha Richert	1036	1236	773	14.7	0.66	5.4	Low Choice	2.9	170.00	2.50	172.50	63.65	109.79	17
Samatha Perrotti	1031	1232	770	10.9	0.12	2.3	Low Select	2.7	170.00	(1.50)	168.50	64.37	108.47	18
Hannah Kruse	1025	1180	738	12.0	0.44	5.6	Low Choice	3.1	170.00	0.00	170.00	63.02	107.14	19
Jacelyn Tebay	1033	1238	774	14.6	0.76	5.5	Low Choice	3.2	170.00	0.00	170.00	62.49	106.24	20
Michael Carroll	1061	1174	734	13.7	0.75	6.7	Choice	3.3	170.00	0.50	170.50	62.00	105.71	21
Corey Knott	1049	1224	765	13.3	0.67	5.6	Low Choice	3.3	170.00	0.00	170.00	61.91	105.24	22
<u>Jaden Borman</u>	<u>1057</u>	<u>1442</u>	<u>901</u>	<u>13.6</u>	<u>0.44</u>	<u>3.2</u>	<u>High Select</u>	<u>3.2</u>	<u>170.00</u>	<u>(4.00)</u>	<u>166.00</u>	<u>62.76</u>	<u>104.19</u>	<u>23</u>
Av.		1323	827	15.0	0.44	4.7		2.4			172.35	65.52	112.97	

Minnesota State Fair FFA Beef Carcass Contest

9/1/17

Mac Scan
Dallas McDermott

<u>Exhibitor</u>	<u>ID</u>	<u>Live Weight</u>	<u>Est. Carcass Weight</u>	<u>Rib Eye Area</u>	<u>Fat Cover</u>	<u>% IMF</u>	<u>USDA Quality Grade</u>	<u>USDA Yield Grade</u>	<u>Base Carcass Price / cwt</u>	<u>Total Carcass Premium (Discount)</u>	<u>Carcass Value /cwt</u>	<u>% Retail Product</u>	<u>Relative Value of Retail Product</u>	<u>Rank</u>
Gage Sailor	1005	1324	775	14.6	0.30	5.9	Choice	2.0	170.00	(10.00)	160.00	67.04	107.26	1
Trevor Kuethe	1024	1450	848	16.1	0.39	4.6	Low Choice	2.1	170.00	(10.00)	160.00	67.02	107.24	2
Caleb Meraouris	1001	1290	755	15.0	0.46	6.5	Choice	2.2	170.00	(10.00)	160.00	66.25	106.00	3
Timothy Moenning	1010	1510	883	15.1	0.32	5.2	Low Choice	2.3	170.00	(10.00)	160.00	66.04	105.67	4
Imogen Otte	1054	1338	783	13.4	0.27	5.5	Low Choice	2.4	170.00	(10.00)	160.00	65.76	105.21	5
Eric Otte	1053	1374	804	13.2	0.23	5.3	Low Choice	2.4	170.00	(10.00)	160.00	65.67	105.07	6
Emily Brigge	1039	1438	841	13.1	0.21	4.9	Low Choice	2.5	170.00	(10.00)	160.00	65.31	104.50	7
Ben Thompson	1018	1300	761	13.1	0.34	7.5	Choice	2.5	170.00	(10.00)	160.00	65.04	104.06	8
Drew Folie	1028	1438	841	14.1	0.37	5.3	Low Choice	2.6	170.00	(10.00)	160.00	64.86	103.78	9
Jacob Helland	1004	1516	887	15.0	0.44	4.2	Low Choice	2.7	170.00	(10.00)	160.00	64.67	103.47	10
Levi Sorensen	1023	1414	827	14.1	0.41	5.1	Low Choice	2.7	170.00	(10.00)	160.00	64.66	103.46	11
Jacob Katzung	1015	1524	892	14.3	0.36	5.4	Low Choice	2.7	170.00	(10.00)	160.00	64.56	103.29	12
Logan Sailor	1006	1250	731	11.9	0.29	4.1	Low Choice	2.7	170.00	(10.00)	160.00	64.45	103.11	13
Shayden Wellentin	1040	1456	852	13.1	0.28	8.3	High Choice	2.7	170.00	(10.00)	160.00	64.43	103.09	14
Jay Dicke	1019	1300	761	12.8	0.39	5.3	Low Choice	2.8	170.00	(10.00)	160.00	64.20	102.71	15
Mavrick Winkelmann	1050	1460	854	13.6	0.38	4.6	Low Choice	2.8	170.00	(10.00)	160.00	64.07	102.51	16
Cole Grunzke	1013	1402	820	14.4	0.55	5.8	Choice	2.9	170.00	(10.00)	160.00	63.70	101.91	17
Corey Knott	1048	1286	752	12.0	0.19	3.3	High Select	2.5	170.00	(14.00)	156.00	65.31	101.88	18
Josh Katzung	1014	1466	858	13.5	0.45	5.6	Low Choice	3.1	170.00	(10.00)	160.00	63.18	101.09	19
Alex Kuethe	1027	1400	819	13.4	0.50	5.5	Low Choice	3.1	170.00	(10.00)	160.00	63.08	100.93	20
Isaac Sorensen	1020	1430	837	13.1	0.45	4.9	Low Choice	3.1	170.00	(10.00)	160.00	62.97	100.75	21
Derek Stehr	1002	1170	684	10.4	0.32	7.7	High Choice	3.1	170.00	(10.00)	160.00	62.88	100.60	22
Katelyn Smith	1026	1516	887	14.0	0.50	5.4	Low Choice	3.1	170.00	(10.00)	160.00	62.86	100.58	23
Elizabeth Prigge	1041	1582	925	13.6	0.43	4.9	Low Choice	3.2	170.00	(10.00)	160.00	62.62	100.19	24
Morgan Grunzke	1011	1362	797	12.4	0.46	6.5	Choice	3.2	170.00	(10.00)	160.00	62.51	100.01	25
Lauryn Smidt	1007	1600	936	14.2	0.52	6.6	Choice	3.3	170.00	(10.00)	160.00	62.30	99.68	26
Mackenna Otte	1055	1264	739	11.4	0.28	3.5	High Select	2.9	170.00	(14.00)	156.00	63.78	99.49	27
Malory Mattson	1021	1446	846	14.0	0.64	5.0	Low Choice	3.3	170.00	(10.00)	160.00	62.07	99.31	28
Josephine Greden	1037	1486	869	14.3	0.64	4.6	Low Choice	3.3	170.00	(10.00)	160.00	62.03	99.25	29
Caiden Smidt	1008	1496	875	13.1	0.52	6.0	Choice	3.4	170.00	(10.00)	160.00	61.68	98.68	30

Minnesota State Fair FFA Beef Carcass Contest

9/1/17

Mac Scan
Dallas McDermott

Exhibitor	ID	Live Weight	Est. Carcass Weight	Rib Eye Area	Fat Cover	% IMF	USDA Quality Grade	USDA Yield Grade	Base Carcass Price / cwt	Total Carcass Premium (Discount)	Carcass Value /cwt	% Retail Product	Relative Value of Retail Product	Rank
Makenna Winkelmann	1051	1508	882	12.6	0.46	4.9	Low Choice	3.5	170.00	(10.00)	160.00	61.59	98.55	31
Taylor Jerde	1056	1444	845	10.7	0.30	6.1	Choice	3.5	170.00	(10.00)	160.00	61.41	98.25	32
Denver Stage	1009	1424	833	11.6	0.44	5.6	Low Choice	3.5	170.00	(10.00)	160.00	61.30	98.08	33
Brent Hanson	1003	1586	928	14.2	0.64	6.3	Choice	3.6	170.00	(10.00)	160.00	61.20	97.92	34
Makenna Jacobs	1034	1514	886	14.2	0.71	5.7	Low Choice	3.6	170.00	(10.00)	160.00	61.07	97.72	35
Grace Erickson	1016	1524	892	13.6	0.73	4.8	Low Choice	3.9	170.00	(10.00)	160.00	60.07	96.12	36
Lydia Greden	1038	1546	904	13.4	0.69	6.1	Choice	3.9	170.00	(10.00)	160.00	60.03	96.05	37
<u>Ryan Wallin</u>	<u>1017</u>	<u>1504</u>	<u>880</u>	<u>12.8</u>	<u>0.69</u>	<u>6.2</u>	<u>Choice</u>	<u>4.0</u>	<u>170.00</u>	<u>(10.00)</u>	<u>160.00</u>	<u>59.58</u>	<u>95.33</u>	<u>38</u>
Av.		1430	837	13.4	0.44	5.5		3.0				63.45	101.39	

Base Price - Choice, YG 3
\$170/cwt.

Quality Grade Premiums
\$46.50 - Prime
\$.50 - CAB

Quality Grade Discounts
\$4 - Select
\$13.75 - Standard

Carcass Weight Discounts
>1050# - \$35
<550# - \$25

Dairy Steer Discount
\$10/cwt
\$3 if rib eye is >10 sq. in.

Yield Grade Premiums
\$6.50 - YG1
\$2.50- YG2
Dairy beef recieves no yield grade premiums

Yield Grade Discounts
\$8 - YG 4
\$12 - YG 5

Dressing %
Beef - 62.5%
Dairy - 58.5%

% Retail Product = $65.59 - (9.931 \times \text{Fat}) + (1.2259 \times \text{Rib Eye}) - (0.013166 \times \text{Carcass Wt.}) - (1.29 \times \text{KPH})$

Relative Value of Retail Product = Carcass Price per Lb. X % Retail Product