

**2007 Ohio State Fair
Beef Performance and Carcass Quality**

Performance Data and Carcass Measurements

Date Harvested: 8/13/07

Rank	ID	Exhibitor	County	Hide Color	Sex	Initial Weight Date	Initial Weight, lbs	Days on Test	Live Weight, lbs	Hot	Average	Back fat, in.	Ribeye	KPH, %	Calculated Yield Grade	USDA Yield Grade	Marbling Score	USDA Quality Grade
										Carcass Weight, lbs	Daily Gain, lbs/day		Area, sq. in.					
1	442	Lindsey Voge	Preble	Smoke	Str	1/4/07	570	221	1406	822	3.78	0.60	13.6	3.5	3.47	3	MT 0	CH
2	440	Lindsey Voge	Preble	Blk	Str	1/4/07	525	221	1267	790	3.36	0.76	11.6	1.5	3.99	3	SM 80	CH-
3	446	Lindsey Voge	Preble	Rd	Str	1/4/07	490	221	1285	744.5	3.60	0.20	11.3	2.5	2.71	2	SM 10	CH-
4	444	Lindsey Voge	Preble	Grey	Str	1/4/07	510	221	1243	752.5	3.32	0.56	11.0	2.5	3.74	3	SM 0	CH-
5	291	Jillian Adams	Clark	Blk	Str	12/16/06	765	240	1356	846	2.46	0.60	14.1	4.0	3.50	3	MT 60	CH
6	115	Emily Berry	Fairfield	Rd	Str	1/10/07	625	215	1486	869	4.00	0.40	14.4	3.5	2.89	2	MD 40	CH-
7	267	Kayla Thompson	Hocking	Blk	Str	1/10/07	720	215	1254	752.5	2.48	0.40	12.3	3.0	3.02	3	SM 30	CH-
8	218	Evan Snook	Noble	Blk	Str	1/13/07	695	212	1243	756	2.58	0.60	11.6	3.0	3.76	3	MD 0	CH+
9	443	Lindsey Voge	Preble	Blk	Str	1/4/07	625	221	1365	850.5	3.35	0.80	11.0	2.5	4.71	4	SL 80	SE+
10	269	Evan Smith	Fairfield	Rd	Str	1/10/07	580	215	1174	670	2.76	0.20	11.1	2.5	2.49	2	SM 30	CH-
11	290	Logan Shore	Clark	Blk	Str	12/16/06	560	240	1175	714	2.56	0.56	11.1	3.0	3.66	3	SL 90	SE+
12	271	Cameron Alexander	Clinton	Blk	Str	12/2/06	683	254	1264	793.5	2.29	0.40	13.0	4.0	3.16	3	SL 80	SE+
13	114	Emily Berry	Fairfield	Blk	Str	1/10/07	655	215	1226	723	2.66	0.32	10.6	2.5	3.16	3	MD 50	CH+
14	292	Jillian Adams	Clark	Rd	Str	12/16/06	660	240	1283	772.5	2.60	1.20	13.0	3.0	4.88	4	SM 10	CH-
15	238	Melissa Shafer	Perry	Rd	Str	12/16/06	660	240	1220	711	2.33	0.28	14.3	2.0	1.73	1	SL 30	SE-
16	225	Kelsey Gahler	Ottawa	Blk	Str	1/13/07	618	212	1260	745	3.03	0.40	12.7	2.0	2.67	2	SM 0	SE-
17	224	Kelsey Gahler	Ottawa	Blk	Str	1/13/07	813	212	1386	812	2.70	0.44	11.9	2	3.28	3	MD 10	CH-
18	227	Emily Warnimont	Hancock	Blk	Str	12/23/06	687	233	1052	646	1.57	0.68	12.2	2.5	3.25	3	SM 50	CH-
Averages							632.6	224.4	1287.8	772.0	2.93	0.51	12.27	2.75	3.34	2.8	SM 60	CH -
Minimum							490	212	1174	670	2.29	0.2	10.6	1.5	1.73	1.0	SL 40	SE-
Maximum							813	254	1486	869	4.00	1.2	14.4	4	4.88	4.0	MD 80	CH +

Average Daily Gain: Calculated by Live weight (at Ohio State Fair) / days on test

KPH, %: Percent of internal fat (kidney, pelvic, heart fat) of carcass weight

Marbling Score: SL = Slight, SM = small, MT = modest, MD = moderate

USDA Quality Grade: SE- = Low Select, SE+ = High Select, CH- = Low Choice, CH = Average Choice, CH+ = High Choice, PR- = Low Prime

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Pricing and Final Rank

Rank	ID	Exhibitor	Grid Quality Grade	Other Quality Defects	Quality Grade	Yield Grade	Weight	Other	Final	Initial	Initial Total	Final	Total	Carcass
					+/-	+/-	Discount	Discounts	Carcass Price	Feeder Price	Feeder Value	Carcass Value	Carcass Value Gained	Value Gained per day on test
1	442	Lindsey Voge	BRANDED	-	\$ 5.00	\$ -	\$ -	\$ -	\$149.00	\$123.00	\$ 701.10	\$ 1,224.78	\$ 523.68	\$ 2.370
2	440	Lindsey Voge	CHOICE	-	\$ -	\$ -	\$ -	\$ -	\$144.00	\$123.00	\$ 645.75	\$ 1,137.60	\$ 491.85	\$ 2.226
3	446	Lindsey Voge	CHOICE	-	\$ -	\$ 3.00	\$ -	\$ -	\$147.00	\$130.00	\$ 637.00	\$ 1,094.42	\$ 457.42	\$ 2.070
4	444	Lindsey Voge	CHOICE	-	\$ -	\$ -	\$ -	\$ -	\$144.00	\$123.00	\$ 627.30	\$ 1,083.60	\$ 456.30	\$ 2.065
5	291	Jillian Adams	BRANDED	-	\$ 5.00	\$ -	\$ -	\$ -	\$149.00	\$108.00	\$ 826.20	\$ 1,260.54	\$ 434.34	\$ 1.810
6	115	Emily Berry	CHOICE	Dark Cutter	\$ -	\$ 3.00	\$ -	\$ (25.00)	\$122.00	\$119.00	\$ 743.75	\$ 1,060.18	\$ 316.43	\$ 1.472
7	267	Kayla Thompson	CHOICE	-	\$ -	\$ -	\$ -	\$ -	\$144.00	\$108.00	\$ 777.60	\$ 1,083.60	\$ 306.00	\$ 1.423
8	218	Evan Snook	BRANDED	-	\$ 5.00	\$ -	\$ -	\$ -	\$149.00	\$119.00	\$ 827.05	\$ 1,126.44	\$ 299.39	\$ 1.412
9	443	Lindsey Voge	SELECT	-	\$ (6.00)	\$(15.00)	\$ -	\$ -	\$123.00	\$119.00	\$ 743.75	\$ 1,046.12	\$ 302.37	\$ 1.368
10	269	Evan Smith	CHOICE	-	\$ -	\$ 3.00	\$ -	\$ -	\$147.00	\$123.00	\$ 713.40	\$ 984.90	\$ 271.50	\$ 1.263
11	290	Logan Shore	SELECT	-	\$ (6.00)	\$ -	\$ -	\$ -	\$138.00	\$123.00	\$ 688.80	\$ 985.32	\$ 296.52	\$ 1.236
12	271	Cameron Alexander	SELECT	-	\$ (6.00)	\$ -	\$ -	\$ -	\$138.00	\$119.00	\$ 812.77	\$ 1,095.03	\$ 282.26	\$ 1.111
13	114	Emily Berry	BRANDED	Small REA	\$ 5.00	\$ -	\$ -	\$ (10.00)	\$139.00	\$119.00	\$ 779.45	\$ 1,004.97	\$ 225.52	\$ 1.049
14	292	Jillian Adams	CHOICE	-	\$ -	\$(15.00)	\$ -	\$ -	\$129.00	\$119.00	\$ 785.40	\$ 996.53	\$ 211.13	\$ 0.880
15	238	Melissa Shafer	SELECT	-	\$ (6.00)	\$ 2.00	\$ -	\$ -	\$140.00	\$119.00	\$ 785.40	\$ 995.40	\$ 210.00	\$ 0.875
16	225	Kelsey Gahler	SELECT	Dark Cutter	\$ (6.00)	\$ 1.00	\$ -	\$ (25.00)	\$114.00	\$119.00	\$ 735.42	\$ 849.30	\$ 113.88	\$ 0.537
17	224	Kelsey Gahler	CHOICE	Dark Cutter	\$ -	\$ -	\$ -	\$ (25.00)	\$119.00	\$106.00	\$ 861.78	\$ 966.28	\$ 104.50	\$ 0.493
18	227	Emily Warnimont	CHOICE	-	\$ -	\$ -	\$ -	\$ -	\$144.00	\$119.00	\$ 817.53	\$ 930.24	\$ 112.71	\$ 0.484
Averages					\$ (0.59)	\$ (1.06)	\$ -	\$ (5.00)	\$ 137.35	\$ 118.76	\$ 746.58	\$ 1,058.53	\$ 311.95	\$ 1.39
Minimum					\$ (6.00)	\$(15.00)	\$ -	\$ (25.00)	\$ 114.00	\$ 106.00	\$ 627.30	\$ 849.30	\$ 104.50	\$ 0.49
Maximum					\$ 5.00	\$ 3.00	\$ -	\$ -	\$ 149.00	\$ 130.00	\$ 861.78	\$ 1,260.54	\$ 523.68	\$ 2.37

Premiums/Discounts and Final Carcass Price calculated using the grid printed in the 2007 Exhibitor Handbook

Initial Feeder Price: Based on feeder cattle prices from Sept 1 to Jan 30

Initial Total Feeder Value = (Initial Weight/100) X Initial Feeder Price

Final Carcass Value = (Hot Carcass Weight/100) X Final Carcass Price

Total Value Gained = Initial Feeder Value - Final Carcass Value

Carcass Value Gained per Day on Test = Total Value Gained / Days on Test

Rank calculated on Carcass Value Gained per Day on Test