

4-H Beef of Merit 2006 Iowa State Fair

Window A - High Cutability Grid Market

Exhibitor First Name	Exhibitor Last Name	County	County Ear Tag	State Fair Ear Tag	Hide Color	Begin Wt.	State Fair Wt.	State Fair ADG	Hot Carc. Wt.	Dress %	Rib Eye Area	Fat Cover	USDA Quality Grade	Calc. Yield Grade	% Retail Prod.	Price/ cwt	Retail Value	Win	Class	Live Rank	Overall Place
																Hot Carc Wt.	Added / Day on Feed				
Joe	Blankenship	Mills	65-20	221	Red Simm x Angus	498	1330	3.79	873	65.6	14.4	0.30	CH	2.4	66.3	\$144	\$3.506	A	3	3P	1
Melissa	Johnson	Butler	12-290	237	RWF Simmental	425	1360	4.07	843	62.0	15.4	0.30	CH -	2.0	67.3	\$142	\$3.421	A	3	A-CH	2
Josh	Abel	Des Moines	29-67	265	Simm-Black-white spot	308	1365	4.32	817	59.9	12.6	0.30	CH	2.8	64.2	\$144	\$3.327	B	6	B-RES	3
Beth	Morris	Appanoose	04-56	204	Black	640	1400	3.55	882	63.0	16.5	0.35	CH -	1.8	68.2	\$145	\$3.272	A	4	A-6OA	4
Jessica	Faust	Madison	61-548	219	Black	520	1445	4.03	878	60.8	14.6	0.40	CH	2.7	64.8	\$144	\$3.249	A	4	7B	5
Ross	Droppert	Black Hawk	07-400	228	Black	596	1355	3.49	898	66.3	14.7	0.60	CH	3.1	63.3	\$140	\$3.114	B	6	3P	6
Kyle	Johnson	Johnson	52-143	257	Red Reg. Shorthorn	505	1290	3.76	823	63.8	12.0	0.40	CH -	3.3	62.4	\$138	\$3.020	B	5	4P	7
Matthew	Johnson	Butler	12-315	240	BWF Simm-Angus	330	1170	3.65	743	63.5	11.7	0.40	CH -	2.9	64.0	\$142	\$3.001	A	1	A-7 OA	8
Ryan	Zelle	Scott	82-389	216	Shorthorn	590	1365	3.30	870	63.7	15.2	0.20	CH -	2.0	67.3	\$142	\$2.981	B	6	7B	9
Justina	VanDyk	Butler	12-328	212	Red Simm-Ang-Here	675	1390	3.15	865	62.2	15.0	0.30	CH	1.9	68.4	\$147	\$2.919	A	4	4B	10
Brittany	Barker	Mitchell	66-2137	214	Black	580	1415	3.55	887	62.7	14.9	0.55	CH -	3.0	63.6	\$138	\$2.848	B	7	B-5 OA	11
Sarah	Kuehl	Dallas	25-187	230	Black	595	1350	3.31	829	61.4	17.1	0.50	CH -	2.0	67.2	\$142	\$2.816	B	6	8B	12
Jessica	Faust	Madison	61-508	218	Black	445	1320	3.81	806	61.1	11.9	0.50	CH -	3.50	61.5	\$138	\$2.799	B	6	B-CH	13
Ryan	Petty	Tama	86-271	232	Black Reg. Angus	590	1350	3.51	841	62.3	14.4	0.50	CH -	3.0	63.3	\$138	\$2.791	B	6	4B	14
Cara	Loy	Story	85-29	255	BWF-Simm-Angus	635	1305	2.95	831	63.7	15.6	0.35	CH -	1.9	67.8	\$145	\$2.785	B	6	10B	15
Marla	Stevenson	Clinton	23-445	226	Gray Simm	445	1275	3.52	804	63.1	13.0	0.30	CH -	3.0	62.8	\$138	\$2.768	A	2	4B	16
Elizabeth	Baudler	Adair	01-353	245	Black Angus	596	1250	3.03	809	64.7	15.2	0.60	CH -	2.7	64.5	\$142	\$2.725	A	2	6B	17
Kyle	Zelle	Scott	82-393	215	Charolais	595	1350	3.22	876	64.9	13.6	0.60	CH -	3.4	62.3	\$138	\$2.695	A	3	10R	18
Emily	Olson	Benton	6-110	259	Black	680	1340	3.04	852	63.6	13.9	0.50	CH -	2.9	64.0	\$142	\$2.662	B	6	9B	19
Kelli	Waever	Hancock	41-7	244	Black Reg. Simmental	700	1420	3.09	874	61.5	15.7	0.45	CH -	2.3	66.4	\$142	\$2.634	B	7	6B	20
Skyler	Rinker	Boone	08-1304	243	Black	740	1410	3.10	890	63.1	14.5	0.50	CH	3.1	62.9	\$140	\$2.608	B	7	5B	21
Garrett	Barker	Mitchell	66-2136	213	Black	550	1260	3.03	798	63.3	14.2	0.55	CH -	2.8	64.5	\$142	\$2.595	A	2	5B	22
Renae	Dewey	Hardin	42-165	222	Normande	580	1295	3.05	808	62.4	13.2	0.35	CH -	2.7	64.5	\$142	\$2.561	B	5	8B	23
Spencer	Dewey	Hardin	42-164	223	Normande	590	1410	3.49	840	59.6	13.8	0.35	CH -	3.0	62.9	\$138	\$2.557	B	7	4B	24
Joe	Blankenship	Mills	65-24	220	Black Angus	432	1155	3.29	707	61.2	12.6	0.40	CH	3.0	62.7	\$140	\$2.526	B	5	3P	25
Jenna	Salow	Delaware	28-421	260	Reg. Roan Shorthorn	555	1215	2.90	800	65.8	12.7	0.50	CH -	3.2	62.5	\$138	\$2.510	A	1	3B	26
Melissa	Moses	Scott	82-373	217	Reg. Shorthorn	655	1340	2.94	853	63.7	14.2	0.45	CH -	3.0	63.3	\$138	\$2.458	A	3	8R	27
Brittney	Morris	Appanoose	04-51	201	Black	695	1280	2.76	827	64.6	14.4	0.65	CH	3.2	62.8	\$140	\$2.438	B	5	6B	28
Jenna	Salow	Delaware	28-419	261	Black Chi-Angus	555	1225	2.94	734	59.9	14.8	0.25	CH -	2.0	66.5	\$142	\$2.381	B	5	7B	29
Sophie	Hansen	Dallas	25-208	233	Black-Brockel face	780	1370	2.63	884	64.5	14.5	0.50	CH -	3.0	63.6	\$138	\$2.349	B	7	7R	30
Reece	Samuelson	Winneshiek	96-44	246	Roan App. Shorthorn	560	1235	2.97	781	63.2	14.1	0.30	SE +	2.2	66.5	\$127	\$2.348	A	1	A-8OA	31
Molly	Foley	Story	85-66	208	Black	790	1370	2.59	868	63.4	14.1	0.40	CH -	2.8	64.3	\$142	\$2.329	B	7	8R	32
Austin	Schantz	Washington	92-227	209	Black	590	1220	2.78	758	62.1	12.7	0.40	CH -	2.8	64.1	\$142	\$2.319	B	5	9B	33
BreeAnn	Belding	Taylor	87-42	206	Black	575	1280	3.10	774	60.5	12.7	0.25	SE +	2.4	66.0	\$127	\$2.256	A	2	7B	34
Maria	Olson	Benton	06-107	258	Red	710	1225	2.40	812	66.3	14.3	0.70	CH -	3.2	63.0	\$138	\$2.247	B	5	11R	35
Cameron	Luedtke	Linn	57-378	202	Charolais	684	1280	2.57	827	64.6	15.6	0.60	CH -	3.0	62.8	\$138	\$2.233	A	2	8B	36
Matthew	Kitzman	Grundy	38-43	249	White App. Shorthorn	620	1225	2.67	755	61.6	13.1	0.65	CH -	3.3	62.1	\$138	\$2.087	A	1	5B	37
Steers below have one or more reasons for being disqualified																					
Ranae	Borcherding	Franklin	35-153	254	Maine-Angus white s	565	1395	3.79	880	63.1	19.0	0.50	SE -	1.5	69.2	\$127	\$3.068	A	4	A-RES	38
Karen	Whitman	Clinton	23-574	225	Red	390	1275	3.74	859	67.4	15.7	0.50	SE -	2.4	66.1	\$124	\$3.018	A	2	3B	39
Jenny	Baker	Marshall	64-23	267	Black	565	1375	3.75	840	61.1	16.4	0.40	SE -	1.7	68.8	\$127	\$2.873	A	3	A-4 OA	40
Cameron	Luedtke	Linn	57-379	203	Black	632	1485	3.63	953	64.2	16.4	0.30	SE +	2.0	67.7	\$122	\$2.857	A	4	9B	41
Sheila	Benson	Marshall	64-26	268	Black Chi-Maine-Simm	685	1465	3.63	959	65.5	16.2	0.30	SE -	2.3	66.1	\$119	\$2.844	A	4	8B	42
Tom	Tiernan	Dallas	25-179	227	Black	540	1360	3.59	855	62.9	16.3	0.30	SE -	1.8	68.2	\$127	\$2.842	B	6	5B	43
Karen	Whitman	Clinton	23-577	224	Shorthorn	605	1465	3.66	960	65.5	15.5	0.30	SE -	2.3	66.5	\$119	\$2.836	A	4	11B	44
Melissa	Johnson	Butler	12-291	238	Red Simm-Ang-Here	570	1390	3.59	896	64.5	12.4	0.60	CH -	3.9	59.9	\$138	\$2.831	A	4	3B	45
Corey	Johnson	Johnson	52-11	256	Black	730	1450	3.49	926	63.9	14.7	0.50	CH -	3.2	62.7	\$133	\$2.814	A	4	10B	46

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																cwt Hot Carc. Wt.	Value Added/ Day on Feed				
Kasey	Abel	Des Moines	29-69	269	Black Simm-white belly	298	1285	4.04	783	60.9	13.1	0.55	SE -	2.9	64.7	\$124	\$2.760	A	2	A-3 OA	47
Matthew	Kitzman	Grundy	38-41	247	Maine mostly BWF	700	1435	3.24	912	63.6	14.6	0.50	CH +	3.0	63.4	\$135	\$2.651	B	7	3P	48
Lane	Wicks	Floyd	24-88	252	Black Maine-Angus	630	1365	3.40	873	64.0	15.3	0.40	SE -	2.3	66.4	\$124	\$2.681	A	3	4B	49
Jack	Cordes	Butler	12-283	242	Black	725	1400	2.99	919	65.6	15.9	0.50	CH	3.0	63.0	\$135	\$2.599	A	4	6B	50
Troy	Klimesh	Howard	45-12	235	Roan Reg. Shorthorn	590	1405	3.73	923	65.7	11.4	0.40	SE +	3.9	60.3	\$118	\$2.612	B	7	B-3OA	51
Melissa	Johnson	Butler	12-292	239	Angus	525	1255	3.20	839	66.9	14.6	0.65	SE -	2.9	64.2	\$124	\$2.573	B	5	B-4 OA	52
Andrew	Johnson	Grundy	38-25	264	Red Simm-Shorthorn	495	1190	3.04	764	64.2	14.7	0.20	SE -	1.6	69.1	\$127	\$2.536	A	1	4B	53
Ryan	Petty	Tama	86-270	231	Black	645	1315	3.11	812	61.7	16.3	0.30	SE -	1.5	69.4	\$127	\$2.493	A	3	7B	54
Josh	Abel	Des Moines	29-68	270	BWF Simm-Angus	290	1260	3.97	746	59.2	13.1	0.50	SE -	3.0	63.1	\$120	\$2.468	A	2	A-5 OA	55
Emma	Macy	Marshall	64-45	266	Black Angus-Simm	670	1355	3.20	863	63.7	12.9	0.40	SE -	2.9	64.6	\$124	\$2.459	A	3	6B	56
Matthew	Johnson	Butler	12-293	241	BWF Sim-Ang wh sock	560	1315	3.31	855	65.0	15.3	0.65	SE -	3.0	63.5	\$120	\$2.451	A	3	5B	57
Kevin	Yoder	Decatur	27-14	271	BWF Simm-Angus	748	1225	2.35	819	66.9	14.9	0.60	CH -	2.7	64.6	\$142	\$2.407	A	1	8R	58
Jacob	Johnson	Franklin	35-126	210	Black	788	1395	2.82	923	66.2	19.2	0.60	SE -	2.0	67.2	\$119	\$2.402	A	4	5B	59
Andrew	Johnson	Grundy	38-22	211	Black	465	1145	2.98	706	61.7	16.6	0.30	SE -	1.0	71.2	\$127	\$2.393	B	5	10R	60
Sydnee	Longnecker	Story	85-107	251	Black	625	1245	3.07	782	62.8	14.5	0.50	SE -	2.6	65.0	\$124	\$2.325	B	5	B-6 OA	61
Tyler	Klimesh	Howard	45-10	236	Roan App. Shorthorn	650	1360	3.26	903	66.4	14.5	0.80	SE -	3.8	60.4	\$115	\$2.323	B	6	6B	62
Thaine	Jass	Hardin	42-133	262	Black rear white hoofs	560	1180	2.65	760	64.4	11.1	0.50	CH	3.6	61.1	\$140	\$2.209	A	1	6B	63
Jack	Manning	Dallas	25-251	205	Black	770	1370	2.79	878	64.1	15.2	0.45	SE -	2.6	65.1	\$124	\$2.248	A	3	9R	64
Matthew	Kitzman	Grundy	38-42	248	Roan Shorthorn	560	1090	2.34	704	64.6	14.2	0.40	CH -	2.0	67.3	\$142	\$2.224	A	1	10R	65
Jordan	Noteboom	Grundy	38-7	234	Black crossbred	680	1200	2.32	799	66.6	15.1	0.40	SE -	1.9	68.4	\$127	\$2.171	A	1	9R	66
BreeAnn	Belding	Taylor	87-43	207	Angus	664	1245	2.58	822	66.0	14.1	0.85	CH -	4.0	58.6	\$123	\$1.934	B	5	5B	67
Thaine	Jass	Hardin	42-134	263	Blue Roan App. Shorth	540	1170	2.69	731	62.5	12.5	0.40	SE -	3.0	62.9	\$120	\$1.872	A	1	7B	68
Derek	Whittle	Winneshiek	96-207	253	Black Maine-Shorthorn	620	1125	2.24	716	63.6	12.6	0.50	SE -	2.8	64.2	\$124	\$1.754	B	5	12R	69

Minimum	290	1090	2.24	704	59.2	11.1	0.20	1.0	58.6	\$115.00	\$1.754	Minimum
Maximum	790	1485	4.32	960	67.4	19.2	0.85	4.0	71.2	\$147.00	\$3.506	Maximum
Average of 69 head	590	1313	3.21	834	63.5	14.5	0.45	2.7	64.7	\$133.65	\$2.618	Average
Average 37 qualified	584	1315	3.23	827	63.0	14.1	0.44	2.7	64.5	\$140.03	\$2.706	Average 37 qualified
Average 32 disqualife	596	1312	3.19	843	64.2	14.8	0.47	2.6	65.1	\$126.28	\$2.517	Average 32 disqualified

Premiums for the top 5 places in each window will receive:
\$500, \$250, \$150, \$100 and \$50.
 Remaining premium dollars will be pro-rated to other entries based upon ribbon values of 5 points for purple, 4 for blue, 3 red & 2 white. Each exhibitor correctly entering and qualifying their entry in a window will receive an additional \$10 premium.

YG 1 = 10 hd 14.5% Prime = 0 head 0.0%
 YG 2A = 15 hd 21.7% Upper Choice = 11 hd 15.9%
 YG 2B = 16 hd 23.2% Low Choice = 30 head 43.5%
 YG 3A = 16 hd 33.3% Select + = 15 head 21.7%
 YG 3B = 4 hd 5.8% Select - = 9 head 13.0%
 YG 4 = 1 hd 1.4% Dark Cutter = 4 hd 5.8%

Over 950 -\$5.00 Select- grade -\$18.00/cwt
 Under 600 -\$10.00 Select+ grade -\$15.00/cwt
 Dark cutter -\$61.00/cwt

Window A	Yield Grades				
	1	2	3	4	
Q					
u	Prime	\$149	\$146	\$142	\$127
a	Cho+	\$147	\$144	\$140	\$125
l	Cho	\$147	\$144	\$140	\$125
i	Cho-	\$145	\$142	\$138	\$123
t	Select+	\$130	\$127	\$123	\$108
y	Select-	\$127	\$124	\$120	\$105

% Retail Product = 65.69 - (9.931 x Fat Thickness) + (1.2259 x Rib Eye Area) - (1.29 x %KPH) - (.013166 x Hot Carcass Wt)

CVDOF= $\frac{(\text{Hot Carcass Wt} - (.55 \times \text{December Live Wt}) \times \% \text{ Retail Product} \times (\text{Carcass Price}/.70)}{\text{Days on Feed}}$