



# 4-H Beef of Merit 2014 Iowa State Fair Window A - High Cutability Grid Market

Exhibitor First	Last Name	County	County		State		Days on Feed	Hot Carc. Wt.	Dress %	Rib		% KPH	USDA Quality Grade	USDA Yield Grade	Calc. Yield Grade	% Retail Prod.	\$/cwt		Carcass Value per Day on Feed	Window -Class	Live-Ribbon Placing	Final Overall Ribbon	Final Overall Rank
			Ear Tag	Begin Wt.	Fair Wt.	Fair ADG				Eye Area	Fat Cover						Hot Wt.	Hot Price					
Jade	Lecy	Decatur	27-17	807	1570	3.70	219	955	60.8%	13.9	0.79	1.7	CH	3	3.99	60.1	\$ 257	\$5.636	A4	R-12	R	46	
Rebecca	Steckelberg	Grundy	38-56	484	1285	3.50	240	784	61.0%	12.5	0.52	1.8	SE -	3	3.15	63.1	\$ 252	\$5.364	A2	P-3	R	47	
Cody	Crawford	Washington	92-1193	460	1300	3.66	240	813	62.5%	12.4	0.75	2.5	CH -	4	4.01	59.5	\$ 247	\$5.355	A3	P-3	R	48	
Samantha	Harrison	Iowa	48-437	638	1315	2.90	247	856	65.1%	16.0	0.29	1.4	Std +	1	1.62	69.4	\$ 241	\$5.344	A3	B-6	R	49	
Nick	Putz	Clayton	22-487	665	1330	3.03	233	878	66.0%	12.1	0.65	2.0	CH -	4	4.00	59.9	\$ 247	\$5.083	A3	B-7	R	50	
Dalton	Isaacs	Clayton	22-267	640	1365	3.29	233	862	63.2%	11.9	0.61	2.5	CH	4	4.00	59.6	\$ 249	\$5.077	A4	B-10	R	51	
Chase	Maynes	Taylor	87-48	728	1435	3.13	240	933	65.0%	13.7	0.92	1.9	CH -	4	4.33	58.7	\$ 247	\$5.024	A4	B-9	R	52	
Mason	Hertrampf	Clayton	22-323	740	1410	3.06	233	933	66.2%	12.7	0.88	2.0	SE +	4	4.58	57.7	\$ 244	\$4.963	B2	B-5	W	53	
Lex	Judy	Mahaska	62-134	627	1350	3.25	235	815	60.4%	11.3	0.54	1.7	CH -	3	3.66	61.3	\$ 255	\$4.884	A3	P-4	W	54	
Justin	Shields	Decatur	27-34	633	1280	3.13	219	752	58.8%	13.5	0.22	1.5	Std +	1	1.90	68.1	\$ 241	\$4.732	A2	P-4	W	55	
Mary	Venenga	Grundy	38-43	819	1410	2.64	240	921	65.3%	12.4	0.71	2.0	CH +	4	4.20	59.1	\$ 249	\$4.510	A4	B-11	W	56	
Mary	Venenga	Grundy	38-44	684	1275	2.62	240	800	62.7%	12.6	0.45	2.0	SE -	3	3.03	63.6	\$ 252	\$4.420	A2	B-12	W	57	
Jenna	Rohret	Cedar	16-2050	726	1290	2.67	226	812	62.9%	9.8	0.61	1.9	CH -	4	4.37	58.5	\$ 247	\$4.121	A3	B-11	W	58	
Mason	Kinsella	Union	88-236	740	1230	2.13	247	817	66.4%	11.1	0.94	2.4	Std +	4	4.91	56.0	\$ 226	\$3.283	A1	R-8	W	59	

Average 59 hd	591	1300	3.22	233	820	63.0%	13.1	0.48
Minimum 59 Hd	270	1060	2.13	212	666	56.7%	9.8	0.22
Maximum 59 Hd	819	1570	4.40	247	955	67.2%	16.6	0.94
Qualifying 37 Hd Ave	585	1283	3.17	232	808	62.9%	13.2	0.42
Disqualified 22 Hd Ave	601	1329	3.29	234	840	63.2%	12.9	0.57

2.99	63.80	\$ 254	\$ 5.39	Average 59 hd
1.49	56.01	\$ 226	\$ 3.28	Minimum 59 Hd
4.91	69.74	\$ 262	\$ 7.46	Maximum 59 Hd
2.76	64.71	\$ 257	\$ 5.43	Qualifying 37 Hd Ave
3.39	62.26	\$ 250	\$ 5.32	Disqualified 22 Hd Ave

Champion High Cutability Grid Market Carcass will receive

\$500 from the IFAA Sale of Champions and Vermeer Charitable Foundation, Pella.

YG 1 = 6 hd	10.2%	Prime = 0 hd	0.0%
YG 2 = 22 hd	37.3%	Upper Ch = 11 hd	18.6%
YG 3 = 21 hd	35.6%	Low Ch = 26 hd	44.1%
YG 4 = 10 h	16.9%	Se + = 12 hd	20.3%
		Select - = 7 hd	11.9%
		STD= 3 hd	5.1%
		Dark Culler = 8 hd	13.6%

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.

### Window A

### Yield Grades

		1	2	3	4
Q	Prime	\$266	\$263	\$259	\$251
u	Cho+	\$264	\$261	\$257	\$249
a	Cho	\$264	\$261	\$257	\$249
l	Cho-	\$262	\$259	\$255	\$247
i	Select+	\$259	\$256	\$252	\$244
t	Select-	\$259	\$256	\$252	\$244
y	Stand	\$241	\$238	\$234	\$226

$$\% \text{ Retail Product} = 65.69 - (9.931 \times \text{Fat Thickness}) + (1.2259 \times \text{Rib Eye Area}) - (1.29 \times \% \text{KPH}) - (.013166 \times \text{Hot Carcass Wt})$$

$$\text{CVDOF} = \frac{(\text{Hot Carcass Wt} - (.55 \times \text{December Live Wt}) \times \% \text{ Retail Product} \times (\text{Carcass Price} / .64)}{\text{Days on Feed}}$$



# 4-H Beef of Merit 2014 Iowa State Fair

# Window B - High Quality Grid Market

Exhibitor First	Last Name	County	County		State Fair	State Fair ADG	Days on Feed	Hot Carc. Wt.	Hot Dress %	Rib Eye Area	Fat Cover	% KPH	USDA Quality Grade	USDA Yield Grade	Calc. Yield Grade	% Retail Prod.	\$/cwt Carcass		Live-Ribbon Placing	Final Overall Ribbon	Final Overall Rank	
			Ear Tag	Begin Wt.													Hot Wt.	Value per Day on Feed				Window -Class
Chase	Maynes	Taylor	87-48	728	1435	3.13	240	933	65.0%	13.7	0.92	1.9	CH -	4	4.33	58.7	\$ 247	\$5.024	A4	B-9	R	42
Mason	Hertrampf	Clayton	22-323	740	1410	3.06	233	933	66.2%	12.7	0.88	2.0	SE +	4	4.58	57.7	\$ 244	\$4.963	B2	B-5	W	43
Delaney	Rife	Cedar	16-2049	738	1300	2.66	226	851	65.5%	12.6	0.41	1.7	SE +	3	3.06	63.7	\$ 252	\$4.940	B2	B-6	W	44
Jamie	Smith	Warren	91-250	660	1250	2.78	226	791	63.3%	12.8	0.43	1.9	CH -	2	2.86	64.2	\$ 258	\$4.904	A2	P-5	W	45
Lex	Judy	Mahaska	62-134	627	1350	3.25	235	815	60.4%	11.3	0.54	1.7	CH -	3	3.66	61.3	\$ 255	\$4.884	A3	P-4	W	46
Kylie	Juenger	Mitchell	66-133	672	1250	2.56	240	822	65.8%	12.2	0.49	1.8	CH -	3	3.30	62.7	\$ 255	\$4.706	A2	B-10	W	47
Henry	Rens	Lyon	60-26	590	1195	3.02	212	702	58.7%	12.8	0.34	2.0	SE +	2	2.32	66.2	\$ 255	\$4.695	A1	B-4	W	48
Justin	Shields	Decatur	27-34	633	1280	3.13	219	752	58.8%	13.5	0.22	1.5	Std +	1	1.90	68.1	\$ 239	\$4.693	A2	P-4	W	49
Mary	Venenga	Grundy	38-43	819	1410	2.64	240	921	65.3%	12.4	0.71	2.0	CH +	4	4.20	59.1	\$ 252	\$4.565	A4	B-11	W	50
Cory	Bennet	Taylor	87-14	574	1240	2.93	240	718	57.9%	13.1	0.28	1.6	SE +	2	2.06	67.4	\$ 255	\$4.503	A1	P-2	W	51
Tiana	Saak	Grundy	38-41	628	1230	2.66	240	764	62.1%	13.1	0.56	1.9	CH -	3	3.00	63.6	\$ 255	\$4.421	A1	B-5	W	52
Mary	Venenga	Grundy	38-44	684	1275	2.62	240	800	62.7%	12.6	0.45	2.0	SE -	3	3.03	63.6	\$ 252	\$4.420	A2	B-12	W	53
Matthew	Poots	Story	85-175	738	1215	2.34	219	752	61.9%	15.3	0.49	2.2	CH -	2	2.14	66.8	\$ 258	\$4.255	A1	R-7	W	54
Henry	Rens	Lyon	60-11	720	1250	2.68	212	750	60.0%	11.0	0.35	1.8	CH -	3	3.08	63.4	\$ 255	\$4.220	A2	B-9	W	55
Tyra	Stoaks	Taylor	87-22	595	1090	2.20	240	710	65.1%	12.1	0.36	1.7	SE +	2	2.58	65.4	\$ 255	\$4.154	A1	R- 10	W	56
Jenna	Rohret	Cedar	16-2050	726	1290	2.67	226	812	62.9%	9.8	0.61	1.9	CH -	4	4.37	58.5	\$ 247	\$4.121	A3	B-11	W	57
Lauren	Mosher	Marshall	64-185	585	1180	2.79	226	669	56.7%	11.4	0.27	1.7	CH -	2	2.39	66.1	\$ 258	\$4.094	B1	B-4	W	58
Mason	Kinsella	Union	88-236	740	1230	2.13	247	817	66.4%	11.1	0.94	2.4	Std +	4	4.91	56.0	\$ 226	\$3.283	A1	R-8	W	59

Average 59 hd	591	1300	3.22	233	820	63.0%	13.08	0.48
Minimum 59 Hd	270	1060	2.13	212	666	56.7%	9.76	0.22
Maximum 59 Hd	819	1570	4.40	247	955	67.2%	16.55	0.94
Qualifying 6 Hd Ave	627	1236	2.80	230	784	63.4%	12.22	0.47
Disqualified 53 Hd Ave	589	1302	3.23	233	821	63.0%	13.13	0.48

2.99	63.80	\$ 254	\$ 5.39	Average 59 hd
1.49	56.01	\$ 226	\$ 3.28	Minimum 59 Hd
4.91	69.74	\$ 263	\$ 7.43	Maximum 59 Hd
3.16	63.03	\$ 261	\$ 4.88	Qualifying 6 Hd Ave
2.99	63.83	\$ 254	\$ 5.40	Disqualified 53 Hd Ave

Champion High Quality Grid Market Carcass will receive

\$500 from the IFAA Sale of Champions and Conover Auction Service, Baxter.	YG 1 = 6 hd	10.2%	Prime = 0 hd	0.0%
	YG 2 = 22 hd	37.3%	Upper Ch = 11 hd	18.6%
	YG 3 = 21 hd	35.6%	Low Ch = 26 hd	44.1%

Premiums for the top 5 places in each window will receive: \$500, \$250, \$150, \$100 and \$50.	YG 4 = 10 hd	16.9%	Se + = 12 hd	20.3%
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.			Select - = 7 hd	11.9%
Each exhibitor correctly entering and qualifying their entry in a window will receive an additional \$10 premium.			STD= 3 hd	5.1%
			Dark Cutter = 8 hd	13.6%

% 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= (Hot Carcass Wt - (.55 x December Live Wt) x % Retail Product x (Carcass Price/.64) Days on Feed

### Window B

### Yield Grades

		1	2	3	4
Q	Prime	\$269	\$267	\$264	\$256
u	Cho+	\$265	\$263	\$260	\$252
a	Cho	\$265	\$263	\$260	\$252
l	Cho-	\$260	\$258	\$255	\$247
t	Select+	\$257	\$255	\$252	\$244
i	Select-	\$257	\$255	\$252	\$244
y	Standard	\$239	\$237	\$234	\$226

**2014 Beef of Merit Carcass Merit Prediction Contest Rankings**

4-Hers Name	Tag	FAT COVER				RIB EYE				Yield Grade				Quality Grade			Overall Score	Ranking	
		Predicted	Actual	Predicted	Score	Predicted	Actual	Predicted	Score	Predicted	Actual	-Actual	Score	Predicted	Actual	Score			Bonus
Kaden Dewey	9-12	0.25	0.23	0.02	<b>0.98</b>	15.5	14.7	0.80	<b>0.92</b>	1.6	1.72	-0.12	<b>0.88</b>	Ch-	SE -	<b>0.8</b>	Marbling 0.05	<b>0.9472</b>	1
Dillon Bailey	88-223	0.217	0.27	-0.05	<b>0.95</b>	14.29	15.2	-0.95	<b>0.91</b>	2.19	2.02	0.17	<b>0.83</b>	CH-	SE +	<b>0.9</b>	Marbling 0.05	<b>0.9467</b>	2
Tiana Saak	39-41	0.6	0.56	0.04	<b>0.96</b>	14	13.1	0.90	<b>0.91</b>	2.8	3.00	-0.20	<b>0.80</b>	Ch-	CH -	<b>1</b>	no answer	<b>0.9175</b>	3
Tanner Conwell	44-231	0.7	0.56	0.14	<b>0.86</b>	15	13.6	1.42	<b>0.86</b>	3.2	3.39	-0.19	<b>0.81</b>	Ch	CH +	<b>0.9</b>	Marbling 0.05	<b>0.9064</b>	4
Samuel Lane	29-149	0.62	0.51	0.11	<b>0.89</b>	14.1	13.0	1.06	<b>0.89</b>	2.8	2.86	-0.06	<b>0.94</b>	Se	SE +	<b>0.9</b>	no answer	<b>0.9049</b>	5
Grace Rens	60-5	0.37	0.33	0.04	<b>0.96</b>	12.7	11.7	0.96	<b>0.90</b>	2.31	2.81	-0.50	<b>0.50</b>	Ch	CH	<b>1</b>	Marbling 0.05	<b>0.8927</b>	
Grant Riggans	52-508	0.27	0.35	-0.08	<b>0.92</b>	14.1	13.3	0.82	<b>0.92</b>	3	2.53	0.47	<b>0.53</b>	Se+	CH -	<b>0.9</b>	Marbling 0.05	<b>0.8655</b>	
Samuel Lane	29-148	0.49	0.37	0.12	<b>0.88</b>	14.3	12.4	1.86	<b>0.81</b>	2.3	2.57	-0.27	<b>0.73</b>	SE+	SE -	<b>0.9</b>	no answer	<b>0.8311</b>	
Taylor Martias	22-272	0.86	0.62	0.24	<b>0.76</b>	13.46	13.7	-0.23	<b>0.98</b>	3	3.42	-0.42	<b>0.58</b>	Ch +	CH -	<b>0.8</b>	Marbling 0.05	<b>0.8302</b>	
Kaden Dewey	9-11	0.55	0.30	0.25	<b>0.75</b>	14.8	14.3	0.46	<b>0.95</b>	3.1	2.58	0.52	<b>0.48</b>	Ch	CH -	<b>0.9</b>	Marbling 0.05	<b>0.8221</b>	
Jamie Smith	91-250	0.66	0.43	0.23	<b>0.77</b>	12	12.8	-0.84	<b>0.92</b>	2.33	2.86	-0.53	<b>0.47</b>	Ch	CH -	<b>0.9</b>	Marbling 0.05	<b>0.8139</b>	
Dawson Brader	29-114	0.7	0.76	-0.06	<b>0.94</b>	13.2	11.8	1.38	<b>0.86</b>	3.4	4.03	-0.63	<b>0.37</b>	Ch-	CH -	<b>1</b>	no answer	<b>0.7934</b>	
Kelly Rue	96-160	0.46	0.77	-0.31	<b>0.69</b>	13.9	14.0	-0.07	<b>0.99</b>	3.2	3.83	-0.63	<b>0.37</b>	Ch	CH -	<b>0.9</b>	Marbling 0.05	<b>0.7877</b>	
Justin Shields	27-34	0.23	0.22	0.01	<b>0.99</b>	13.8	13.5	0.31	<b>0.97</b>	1	1.90	-0.90	<b>0.10</b>	Se	Std +	<b>0.8</b>	Marbling 0.05	<b>0.7650</b>	
Kayla Fisher	64-147	0.68	0.51	0.17	<b>0.83</b>	15.2	12.5	2.75	<b>0.73</b>	2.6	3.34	-0.74	<b>0.26</b>	Ch+	CH -	<b>0.8</b>	Marbling 0.05	<b>0.7025</b>	
Mary Venenqa	38-44	0.56	0.45	0.11	<b>0.89</b>	16.2	12.6	3.61	<b>0.64</b>	2.2	3.03	-0.83	<b>0.17</b>	Se+	SE -	<b>0.9</b>	Marbling 0.05	<b>0.6996</b>	
Bennet Petersen	38-79	0.66	0.51	0.15	<b>0.85</b>	16.7	13.1	3.64	<b>0.64</b>	2.42	3.24	-0.82	<b>0.18</b>	Ch-	CH	<b>0.9</b>	Marbling 0.05	<b>0.6931</b>	
Elizabeth Emley	64-164	0.4	0.39	0.01	<b>0.99</b>	13.7	12.1	1.55	<b>0.84</b>	2.3	3.03	-0.73	<b>0.00</b>	Ch	CH -	<b>0.9</b>	no answer	<b>0.6837</b>	
Lindsey Meyers	91-253	0.34	0.33	0.01	<b>0.99</b>	13.26	16.6	-3.29	<b>0.67</b>	2.98	1.83	1.15	<b>-0.15</b>	Ch-	CH -	<b>1</b>	Marbling 0.05	<b>0.6783</b>	
Josie Oldenburger	12-85	0.45	0.54	-0.09	<b>0.91</b>	14.2	12.7	1.54	<b>0.85</b>	63.92	3.26	60.66	<b>0.00</b>	Ch-	CH	<b>0.9</b>	no answer	<b>0.6647</b>	
Gavin Hertrampf	22-322	0.45	0.59	-0.14	<b>0.86</b>	14	13.2	0.84	<b>0.92</b>	2	3.45	-1.45	<b>-0.45</b>	Ch	CH	<b>1</b>	Marbling 0.05	<b>0.6306</b>	
Henry Rens	60-11	0.27	0.35	-0.08	<b>0.92</b>	16.2	11.0	5.21	<b>0.48</b>	2	3.08	-1.08	<b>-0.08</b>	Ch-	CH -	<b>1</b>	Marbling 0.05	<b>0.6300</b>	
Mary Venenqa	38-43	0.51	0.71	-0.20	<b>0.80</b>	14.6	12.4	2.19	<b>0.78</b>	3	4.20	-1.20	<b>-0.20</b>	Ch-	CH +	<b>0.8</b>	Marbling 0.05	<b>0.5955</b>	
Lex Judy	62-134	0.85	0.54	0.31	<b>0.69</b>	15.5	11.3	4.17	<b>0.58</b>	2.55	3.66	-1.11	<b>-0.11</b>	Ch	CH -	<b>0.9</b>	Marbling 0.05	<b>0.5645</b>	
Mason Hertrampf	22-323	0.65	0.88	-0.23	<b>0.77</b>	15	12.7	2.27	<b>0.77</b>	3	4.58	-1.58	<b>-0.58</b>	Ch+	SE +	<b>0.7</b>	Marbling 0.05	<b>0.4653</b>	
Dalton Isaacs	22-267	0.45	0.61	-0.16	<b>0.84</b>	14	11.9	2.13	<b>0.79</b>	2	4.00	-2.00	<b>-1.00</b>	Ch	CH	<b>1</b>	Marbling 0.05	<b>0.4566</b>	
Jade Lecy	27-17	0.55	0.79	-0.24	<b>0.76</b>	16.4	13.9	2.49	<b>0.75</b>	2	3.99	-1.99	<b>-0.99</b>	Choice	CH	<b>1</b>	Marbling 0.05	<b>0.4317</b>	
Cory Bennet	87-14	0.61	0.28	0.33	<b>0.67</b>	13.8	13.1	0.66	<b>0.93</b>	3.65	2.06	1.59	<b>-0.59</b>	3.66	SE +	<b>0</b>	no answer	<b>0.2529</b>	
Katelynn Johnson	Dec-48	0.42	0.37	0.05	<b>0.95</b>	13.15	10.5	2.66	<b>0.73</b>	61.25	3.01	58.24	<b>-57.24</b>	Ch-	CH	<b>0.9</b>	no answer	<b>-13.6627</b>	
Josie Oldenburger	12-82	0.62	0.33	0.29	<b>0.71</b>	14.75	15.5	-0.71	<b>0.93</b>	64.25	2.28	61.97	<b>-60.97</b>	Ch-	SE +	<b>0.9</b>	no answer	<b>-14.6061</b>	
Samantha Harrison	48-437	0.06	0.29	-0.23	<b>0.77</b>	0.8	16.0	-15.22	<b>-0.52</b>	64.4	1.62	62.78	<b>-61.78</b>	2.1	Std +	<b>0</b>	Loin	<b>-15.3809</b>	

Score of 1 means the prediction is the same as actual. Scores decrease as predictions increasingly differ from actual