

2014 ICA Carcass Challenge

Fdlt Tag	Donor Name	Harvest Date	Individual Birth Date	Days of Age	Del Wt	On Test Weight 11/19/13	11/19 Ultra Rib Fat	11/19 Ultra REA	11/19 Ultra IMF	Re-Implant Weight 1/28/14	1/28 Ultra Rib Fat	1/28 Ultra REA	1/28 Ultra IMF	Final Fdlt Wt.	4 % Shrunken Live Wt	Warm Up ADG	Overall ADG Final Fdlt Wt.	Overall ADG Shrunken Fdlt Wt.	On Test ADG	ADG Ratio	WT/Day of Age	WPDA Ratio	Black Hided
401	Brad Z Ranch	6-May			695	720	0.24	8.40	4.03	1050	0.46	10.20	4.83	1425	1368	1.79	4.01	3.70	4.20	101			Yes
402	Rowe Farms	6-May	6-Apr-13	395	690	720	0.22	9.70	2.83	930	0.25	12.00	2.95	1470	1411	2.14	4.29	3.96	4.46	108	3.72	106	
403	Dallas Co Cattlemen Directors	6-May	23-Apr-13	378	660	685	0.18	9.80	3.11	1005	0.30	11.70	2.80	1420	1363	1.79	4.18	3.86	4.38	106	3.76	107	Yes
404	Polk Co Cattlemen	6-May			685	685	0.14	10.80	2.36	960	0.24	12.80	2.53	1410	1354	0.00	3.98	3.67	4.32	104			Yes
405	DMACC Agribusiness	6-May			645	655	0.21	7.60	3.27	940	0.29	10.90	3.03	1375	1320	0.71	4.01	3.71	4.29	103			Yes
406	Iowa Beef Breeds Council	6-May	19-Mar-13	413	560	575	0.15	8.10	3.59	850	0.13	11.40	2.98	1175	1128	1.07	3.38	3.12	3.57	86	2.85	81	Yes
407	Innovative Ag Svcs/River Valley Coop/QLF	6-May			720	750	0.07	10.20	1.73	1060	0.21	14.60	1.73	1460	1402	2.14	4.07	3.75	4.23	102			Yes
408	Accu Steel, Inc	6-May	25-Feb-13	435	660	625	0.17	10.10	4.91	905	0.26	13.40	5.07	1310	1258	-2.50	3.57	3.28	4.08	98	3.01	86	Yes
409	Butler Co Cattlemen	6-May			680	735	0.12	10.90	2.97	965	0.26	12.60	2.86	1390	1334	3.93	3.90	3.60	3.90	94			Yes
410	Mills/Montgomery Co Cattlemen	6-May			760	790	0.15	12.20	2.17	1025	0.29	14.10	2.44	1400	1344	2.14	3.52	3.21	3.63	88			Yes
411	Cedar & Scott Co Cattlemen	6-May			780	830	0.20	10.90	2.77	1160	0.42	11.90	2.83	1560	1498	3.57	4.29	3.94	4.35	105			Yes
412	Joe Thelen / Crawford Co Cattlemen's Assoc	6-May			660	685	0.15	9.50	2.84	775	0.20	10.30	2.87	1100	1056	1.79	2.42	2.18	2.47	60			Yes
413	Holden's Maines & More/Greene Co Cattlemen	6-May	18-Feb-13	442	765	790	0.15	12.40	2.40	1090	0.28	13.80	3.58	1460	1402	1.79	3.82	3.50	3.99	96	3.30	94	Yes
414	Brad Kooima	6-May			730	780	0.18	10.20	2.89	1065	0.54	12.30	2.48	1470	1411	3.57	4.07	3.74	4.11	99			Yes
415	Bill & Tim Couser/Jeff Longnecker/Gene Rouse Story Co Cattlemen/Sonny Mohr/Andy Moser/	6-May			685	725	0.17	9.10	2.93	1005	0.40	10.60	4.20	1440	1382	2.86	4.15	3.83	4.26	103			Yes
416	Joe Mather/Beavers Cattle Farm	6-May			690	735	0.13	10.30	1.85	1015	0.24	12.10	2.82	1450	1392	3.21	4.18	3.86	4.26	103			Yes
417	Plymouth/Cherokee Co Cattlemen District 6 Cattlemen (Winneshiek, Allamakee,	6-May			720	775	0.33	11.90	3.11	1030	0.49	13.00	3.16	1345	1291	3.93	3.43	3.14	3.39	82			Yes
418	Clayton, Fayette Co Cattlemen)	6-May	4-Mar-13	428	755	765	0.22	10.70	2.18	1080	0.38	12.10	2.27	1460	1402	0.71	3.87	3.55	4.14	100	3.41	98	
419	Amana Farm	6-May			645	700	0.17	9.50	2.59	965	0.47	10.80	3.44	1365	1310	3.93	3.96	3.66	3.96	96			Yes
420	Larry Deppe	6-May	8-Mar-13	424	715	765	0.24	9.50	4.04	1000	0.48	12.30	4.92	1485	1426	3.57	4.23	3.90	4.29	103	3.50	100	Yes
421	Rob Medberry/Nick Echard/Ryan Zitelman/Scott Cherne	6-May			810	840	0.23	10.80	3.72	1180	0.46	13.00	4.93	1540	1478	2.14	4.01	3.67	4.17	101			Yes
422	Jon Schaben	6-May			735	790	0.08	9.80	2.54	1100	0.43	13.70	3.94	1530	1469	3.93	4.37	4.03	4.40	106			Yes
423	Brian Moore & Steve Olson	6-May			530	585	0.12	7.30	3.67	915	0.19	10.80	3.26	1365	1310	3.93	4.59	4.29	4.64	112			Yes
424	Olsen Red Angus/Avoca Vet Clinic	Dead			715	770	0.15	9.00	3.14	1045	0.35	12.60	3.83			3.93							
425	Kent & Sylvia Pruismann	6-May			705	745	0.21	10.20	2.28	1075	0.38	10.50	2.63	1530	1469	2.86	4.53	4.20	4.67	113			Yes
426	Martin Cattle Co/Ross River/Bartling Herefords	6-May			695	715	0.18	9.80	2.05	1025	0.30	12.40	2.16	1450	1392	1.43	4.15	3.83	4.38	106			Yes
427	Larsen Angus	6-May			550	560	0.09	7.60	3.24	785	0.23	10.20	3.62	1240	1190	0.71	3.79	3.52	4.05	98			
428	Sebetka Farms	6-May	10-Apr-13	391	665	695	0.15	10.90	2.89	1040	0.40	10.90	3.97	1545	1483	2.14	4.84	4.50	5.06	122	3.95	113	Yes
429	Dale Stillmunkes & Phillip Reemtsma	6-May			760	815	0.15	10.40	2.71	1165	0.28	13.50	3.34	1655	1589	3.93	4.92	4.55	5.00	121			
430	Sac Co Cattlemen	6-May			630	620	0.09	7.80	4.55	695	0.11	9.00	3.68	1115	1070	-0.71	2.66	2.42	2.95	71			
431	Bob Butcher	6-May			595	645	0.13	7.60	3.04	990	0.38	9.80	3.50	1485	1426	3.57	4.89	4.56	5.00	121			Yes
432	Adams Co Cattlemen	6-May			730	780	0.18	10.10	1.88	1070	0.37	11.50	2.99	1505	1445	3.57	4.26	3.93	4.32	104			
433	Brandt Farms	6-May			795	845	0.33	10.60	3.46	1130	0.57	13.60	4.55	1560	1498	3.57	4.20	3.86	4.26	103			Yes
434	Jones/Dubuque/Deleware Co Cattlemen	6-May			740	810	0.15	10.40	2.74	1145	0.41	13.90	2.81	1490	1430	5.00	4.12	3.79	4.05	98			Yes
435	Marty Green/Clinton Co Cattlemen/First Trust & Savings Bank	6-May	18-Apr-13	383	690	690	0.17	10.50	2.97	940	0.30	11.80	3.77	1440	1382	0.00	4.12	3.80	4.46	108	3.76	108	Yes
436	Custom Precast	6-May			625	680	0.12	8.70	1.50	1015	0.32	10.70	2.48	1460	1402	3.93	4.59	4.27	4.64	112			Yes
437	Denison Livestock Auction	6-May			700	730	0.16	11.30	2.77	1035	0.35	12.10	2.93	1405	1349	2.14	3.87	3.56	4.02	97			Yes
438	Steele Land & Livestock	6-May	14-Mar-13	418	695	730	0.20	11.50	2.84	1015	0.27	13.80	2.37	1425	1368	2.50	4.01	3.70	4.14	100	3.41	97	Yes
439	Dunlap Livestock Auction	6-May			775	780	0.10	9.90	2.57	1025	0.21	11.60	1.93	1350	1296	0.36	3.16	2.86	3.39	82			
440	Steve & Trent Rehder	6-May	29-Mar-13	403	800	840	0.16	11.50	2.01	1145	0.32	13.20	2.97	1570	1507	2.86	4.23	3.89	4.35	105	3.90	111	Yes
441	Mosher Angus-Hibbs Farms	6-May			700	750	0.20	9.50	3.00	1080	0.46	12.00	3.65	1565	1502	3.57	4.75	4.41	4.85	117			Yes
442	Linn Co Cattlemen	6-May	24-Mar-13	408	760	825	0.19	11.10	3.76	1090	0.39	11.10	4.40	1530	1469	4.64	4.23	3.89	4.20	101	3.75	107	Yes
443	Lyon & Sioux Co Cattlemen	6-May			775	790	0.24	12.10	2.61	1115	0.50	13.60	3.80	1505	1445	1.07	4.01	3.68	4.26	103			Yes

Fdlt Tag	Hot Carcass Wt.	Dress %	Dress % Shrunken Wt	Fat Cover	Ribeye Area	REA/cwt	% KPH	Yield Grade	USDA YG	% Retail Product	Marbling Score	Quality Grade	Defects	Average Base Carcass Price, \$/CWT	Yield Grade Prem	CAB Prem	Average Carcass Price, \$/cwt.	Initial Ranking End Product Value	Rank Adj for REA and Gain	Final Ranking End Product Value	Retail Value/Day on Test	RVD OF Rank	Retail Value/Day of Age	RVDOA Rank
401	865	60.7%	63.2%	0.80	11.6	1.34	3.0	4.68	4	56.71	MT0	Choice		\$226.49		\$4.44	\$230.93	41	PLUS 3	44	\$5.712	60		
402	851	57.9%	60.3%	0.40	14.0	1.65	2.0	2.65	2	65.10	SL70	Select +		\$227.14	\$2.50		\$229.64	43		41	\$6.326	49	\$5.032	10
403	847	59.6%	62.1%	0.40	14.2	1.68	2.0	2.57	2	65.39	SM0	Choice -		\$237.53	\$2.50		\$240.03	14		14	\$6.865	22	\$5.496	3
404	850	60.3%	62.8%	0.30	14.5	1.71	2.5	2.34	2	66.07	SL10	Select -	Lung	\$227.14	\$2.50		\$229.64	56		56	\$6.678	32		
405	858	62.4%	65.0%	0.50	14.4	1.68	2.5	2.90	2	63.86	SM0	Choice -		\$237.53	\$2.50		\$240.03	19		19	\$7.096	13		
406	708	60.3%	62.8%	0.05	13.0	1.84	2.0	1.56	1	69.23	SL10	Select -	Lung	\$227.14	\$6.50		\$233.64	39		38	\$5.893	58	\$4.332	16
407	906	62.1%	64.6%	0.25	18.0	1.99	2.5	1.31	1	70.12	SL20	Select -		\$227.14	\$6.50		\$233.64	38		37	\$7.519	4		
408	803	61.3%	63.9%	0.45	13.8	1.72	2.5	2.76	2	64.34	MD20	Choice +		\$237.53	\$2.50	\$4.44	\$244.47	1		1	\$6.719	30	\$4.537	15
409	870	62.6%	65.2%	0.40	14.3	1.64	2.0	2.63	2	65.21	SM20	Choice -		\$237.53	\$2.50		\$240.03	11		11	\$6.781	26		
410	885	63.2%	65.8%	0.50	15.8	1.79	2.0	2.46	2	65.86	SL40	Select -		\$227.14	\$2.50		\$229.64	51		50	\$6.337	48		
411	951	61.0%	63.5%	0.70	12.8	1.35	3.0	4.37	4	58.04	SM20	Choice -		\$226.49			\$226.49	63	PLUS 3	63	\$6.046	56		
412	656	59.6%	62.1%	0.10	12.3	1.88	1.5	1.61	1	69.20	SL10	Select -	Lung	\$227.14	\$6.50		\$233.64	40	PLUS 5	45	\$4.199	63		
413	936	64.1%	66.8%	0.50	15.6	1.67	2.5	2.81	2	64.30	SM0	Choice -		\$237.53	\$2.50		\$240.03	16		16	\$7.199	11	\$5.107	9
414	937	63.7%	66.4%	1.10	13.6	1.45	2.5	4.96	4	55.88	SL60	Select +		\$216.10			\$216.10	64	PLUS 3	64	\$5.705	61		
415	874	60.7%	63.2%	0.75	14.0	1.60	2.5	3.72	3	60.67	SM20	Choice -		\$237.53			\$237.53	33		31	\$6.370	45		
416	866	59.7%	62.2%	0.30	15.0	1.73	2.0	2.14	2	67.12	SL70	Select +		\$227.14	\$2.50		\$229.64	42		40	\$6.619	36		
417	867	64.5%	67.1%	0.90	13.8	1.59	1.5	3.93	3	60.32	SM30	Choice -		\$237.53			\$237.53	31		27	\$5.873	59		
418	906	62.1%	64.6%	0.50	14.7	1.62	2.5	2.99	2	63.59	SL50	Select +		\$227.14	\$2.50		\$229.64	49		48	\$6.591	37	\$4.830	14
419	850	62.3%	64.9%	0.70	12.0	1.41	1.5	3.94	3	60.32	SM40	Choice -		\$237.53			\$237.53	30	PLUS 3	33	\$6.197	54		
420	887	59.7%	62.2%	0.60	15.7	1.77	2.5	2.85	2	64.07	SM30	Choice -		\$237.53	\$2.50		\$240.03	8		8	\$6.669	33	\$5.027	11
421	978	63.5%	66.2%	0.65	15.4	1.57	2.5	3.41	3	62.01	MT0	Choice		\$237.53		\$4.44	\$241.97	5		5	\$7.201	10		
422	934	61.0%	63.6%	0.70	15.6	1.67	2.5	3.31	3	62.34	SM60	Choice -		\$237.53			\$237.53	23		23	\$6.879	21		
423	825	60.4%	63.0%	0.30	12.2	1.48	2.5	2.98	2	63.58	SL50	Select +		\$227.14	\$2.50		\$229.64	48	PLUS 3	51	\$6.834	24		
424																								
425	905	59.2%	61.6%	0.60	12.4	1.37	2.5	3.97	3	59.79	SL50	Select +	5 lbs trim	\$227.14			\$227.14	58	PLUS 3	59	\$6.256	53		
426	916	63.2%	65.8%	0.40	14.7	1.60	2.0	2.68	2	65.10	SL50	Select +		\$227.14	\$2.50		\$229.64	47		46	\$7.268	7		
427	754	60.8%	63.3%	0.50	12.3	1.63	1.5	2.98	2	63.94	SM0	Choice -		\$237.53	\$2.50		\$240.03	20		20	\$6.366	46		
428	922	59.7%	62.2%	0.40	15.6	1.69	2.5	2.51	2	65.48	SL30	Select -		\$227.14	\$2.50		\$229.64	53		53	\$7.548	3	\$5.540	1
429	1018	61.5%	64.1%	0.40	14.8	1.45	1.5	2.93	2	64.52	SL60	Select +		\$227.14	\$2.50		\$229.64	44	PLUS 3	47	\$7.852	1		
430	635	57.0%	59.3%	0.20	11.2	1.76	2.0	2.23	2	66.49	SL30	Select -	Lung	\$227.14	\$2.50		\$229.64	52		52	\$4.175	64		
431	879	59.2%	61.7%	0.70	12.0	1.37	3.0	4.35	4	58.01	SM30	Choice -		\$226.49			\$226.49	62	PLUS 3	62	\$6.406	43		
432	925	61.5%	64.0%	0.60	12.8	1.38	2.0	3.82	3	60.66	SM50	Choice -		\$237.53			\$237.53	27	PLUS 3	30	\$6.647	35		
433	1007	64.6%	67.2%	0.90	15.5	1.54	2.5	4.12	4	59.27	SM70	Choice -		\$226.49			\$226.49	60		57	\$6.770	27		
434	935	62.8%	65.4%	0.50	15.5	1.66	2.5	2.84	2	64.19	SM0	Choice -		\$237.53	\$2.50		\$240.03	18		18	\$7.015	18		
435	868	60.3%	62.8%	0.50	15.5	1.79	2.5	2.59	2	65.07	SM50	Choice -		\$237.53	\$2.50		\$240.03	6		6	\$7.096	12	\$5.531	2
436	896	61.4%	63.9%	0.60	12.8	1.43	2.0	3.71	3	61.05	SM0	Choice -		\$237.53			\$237.53	36	PLUS 3	39	\$7.040	15		
437	874	62.2%	64.8%	0.70	15.4	1.76	1.5	2.94	2	64.18	SM30	Choice -		\$237.53	\$2.50		\$240.03	9		9	\$6.769	28		
438	882	61.9%	64.5%	0.40	15.0	1.70	2.0	2.45	2	65.91	SL50	Select +		\$227.14	\$2.50		\$229.64	46		43	\$6.764	29	\$4.990	12
439	848	62.8%	65.4%	0.30	12.8	1.51	2.0	2.78	2	64.66	SM0	Choice -		\$237.53	\$2.50		\$240.03	15		15	\$6.048	55		
440	990	63.1%	65.7%	0.60	13.7	1.38	2.5	3.88	3	60.27	SM40	Choice -		\$237.53			\$237.53	29	PLUS 3	32	\$7.030	16	\$5.495	4
441	955	61.0%	63.6%	0.90	14.0	1.47	3.0	4.50	4	57.47	SM40	Choice -		\$226.49			\$226.49	61	PLUS 3	61	\$6.568	39		
442	941	61.5%	64.1%	0.60	14.5	1.54	2.5	3.44	3	61.89	SM50	Choice -		\$237.53			\$237.53	26		25	\$6.662	34	\$5.298	6
443	962	63.9%	66.6%	0.80	14.5	1.51	2.0	3.92	3	60.28	SM20	Choice -		\$237.53			\$237.53	34		34	\$7.024	17		

Fdlt Tag	Donor Name	Harvest Date	Individual Birth Date	Days of Age	Del Wt	On Test Weight 11/19/13	11/19 Ultra Rib Fat	11/19 Ultra REA	11/19 Ultra IMF	Re-Implant Weight 1/28/14	1/28 Ultra Rib Fat	1/28 Ultra REA	1/28 Ultra IMF	Final Fdlt Wt.	4 % Shrunk Live Wt	Warm Up ADG	Overall ADG Final Fdlt Wt.	Overall ADG Shrunk Fdlt Wt.	On Test ADG	ADG Ratio	WT/Day of Age	WPDA Ratio	Black Hided
444	Audubon-Manning Vet Clinic	6-May	29-Mar-13	403	685	720	0.13	11.00	2.82	1040	0.29	13.20	3.30	1460	1402	2.50	4.26	3.94	4.40	106	3.62	104	Yes
445	Johnson Family Farms	6-May	24-Feb-13	436	730	770	0.23	11.80	2.54	1070	0.39	14.60	3.79	1430	1373	2.86	3.85	3.53	3.93	95	3.28	94	Yes
446	Martin Cattle Co/Bruce River/BJ Chaffin LLC	Dead			635	685	0.13	10.30	2.64	890	0.26	11.90	1.85			3.57							
447	Davis Co Cattlemen District 14 Cattlemen	6-May			560	610	0.12	7.30	2.79	970	0.32	11.30	3.86	1430	1373	3.57	4.78	4.47	4.88	118			Yes
448	(Marion, Warren & Jasper Co Cattlemen)	6-May			680	740	0.13	9.60	2.91	975	0.31	11.70	3.69	1465	1406	4.29	4.31	3.99	4.32	104			Yes
449	Lucas Co Cattlemen	6-May			750	780	0.26	11.80	2.94	1100	0.45	12.90	4.51	1455	1397	2.14	3.87	3.55	4.02	97			Yes
450	Russell Livestock	6-May			660	715	0.22	10.30	3.17	1010	0.42	12.40	3.10	1400	1344	3.93	4.07	3.76	4.08	98			Yes
451	Mahaska Co Cattlemen	6-May			615	630	0.16	8.30	2.97	925	0.39	11.10	2.73	1330	1277	1.07	3.93	3.64	4.17	101			Yes
452	Dallmeyer Farms	6-May			625	700	0.14	9.50	3.26	970	0.36	11.00	4.70	1345	1291	5.36	3.96	3.66	3.84	93			Yes
453	Jefferson Co Cattlemen/Elmore Farms	6-May	25-Feb-13	435	770	810	0.33	11.20	3.32	1100	0.55	13.00	4.41	1540	1478	2.86	4.23	3.89	4.35	105	3.54	101	Yes
454	Ben Sweeting	6-May			610	690	0.13	8.20	3.02	920	0.30	10.70	3.38	1235	1186	5.71	3.43	3.16	3.24	78			
455	Keoco Auction Co LLC, Clarahan Farms/ Roger Clingan	6-May			730	780	0.12	12.10	2.31	1005	0.28	12.80	4.12	1325	1272	3.57	3.27	2.98	3.24	78			Yes
456	Loonan Stock Farm & Miller Farm	6-May			555	605	0.11	8.40	4.09	945	0.40	12.30	4.46	1300	1248	3.57	4.09	3.81	4.14	100			
457	Nichols Farms	6-May			850	845	0.23	11.50	2.30	1135	0.40	13.90	1.85	1635	1570	-0.36	4.31	3.95	4.70	114			Yes
458	Henry Co Cattlemen	6-May	9-Feb-13	451	765	810	0.13	13.20	2.07	1065	0.29	14.10	2.27	1440	1382	3.21	3.71	3.39	3.75	91	3.19	91	Yes
459	Wellman Cattle Co & Miller Farms	6-May			555	630	0.09	9.30	1.87	905	0.21	11.60	2.58	1320	1267	5.36	4.20	3.91	4.11	99			
460	Lee Co Cattlemen	6-May			785	815	0.27	12.50	2.07	1125	0.45	14.10	3.33	1615	1550	2.14	4.56	4.21	4.76	115			
461	Louisa Co Cattlemen	6-May			725	760	0.21	9.70	3.22	1145	0.46	13.00	4.74	1565	1502	2.50	4.62	4.27	4.79	116			Yes
462	Al & Carol Johnson/Young Cattle Co	6-May			780	815	0.14	10.60	3.03	1065	0.21	11.50	2.40	1475	1416	2.50	3.82	3.49	3.93	95			Yes
463	2013 YCLP Class	Holstein	9-Feb-13	451	715	770	0.09	8.70	3.41	1050	0.14	10.60	2.64	1530	1469	3.93	4.48	4.14	4.52	109			
464	Palo Alto Co Cattlemen	6-May			550	575	0.14	8.00	2.09	855	0.25	10.70	2.87	1265	1214	1.79	3.93	3.65	4.11	99			Yes
465	Clay Co Cattlemen/Adam Binder	6-May			765	760	0.25	11.10	2.61	1020	0.42	11.50	3.37	1410	1354	-0.36	3.54	3.23	3.87	93			Yes
466	Carl Bormann & Kossuth Co Cattlemen	6-May			735	755	0.16	10.20	2.09	1040	0.28	13.00	3.06	1445	1387	1.43	3.90	3.58	4.11	99			Yes
467	Riverview Trucking-Tony & Josh Brown	6-May			610	620	0.08	6.90	2.54	705	0.08	7.50	2.13	1010	970	0.71	2.20	1.98	2.32	56			Yes
468	Kent Nutrition Group Inc	6-May			778	813	0.28	11.80	3.73	1190	0.36	13.30	4.95	1535	1474	2.50	4.16	3.82	4.30	104			Yes
	68 Hd Ave	6-May	14-Mar-13	417	695	731	0.17	10.1	2.86	1013	0.34	12.1	3.31	1427	1370	2.55	4.02	3.70	4.14	100	3.50	100	83%
	Minimum	6-May	9-Feb-13	378	530	560	0.07	6.9	1.50	695	0.08	7.5	1.73	1010	970	-2.50	2.20	1.98	2.32	56	2.85	81	
	Maximum	6-May	23-Apr-13	451	850	845	0.33	13.2	4.91	1190	0.57	14.6	5.07	1655	1589	5.71	4.92	4.56	5.06	122	3.95	113	

Fdlt Tag	Hot Carcass Wt.	Dress %	Dress % Shrunk Wt	Fat Cover	Ribeye Area	REA/ cwt	% KPH	Yield Grade	USDA YG	% Retail Product	Marbling Score	Quality Grade	Defects	Average Base Carcass Price, \$/CWT	Yield Grade Prem	CAB Prem	Average Carcass Price, \$/cwt.	Initial Ranking End Product Value	Rank Adj for REA and Gain	Final Ranking End Product Value	Retail Value/Day on Test	RVDOF Rank	Retail Value/Day of Age	RVDOA Rank
444	894	61.2%	63.8%	0.40	15.2	1.70	2.5	2.53	2	65.36	SM0	Choice -		\$237.53	\$2.50		\$240.03	13		13	\$7.266	8	\$5.438	5
445	911	63.7%	66.4%	0.45	16.8	1.84	2.5	2.21	2	66.60	SM40	Choice -	SI Dark	\$237.53	\$2.50		\$240.03	7		7	\$7.248	9	\$5.219	7
446																								
447	887	62.0%	64.6%	0.40	12.8	1.44	2.5	3.27	3	62.51	SM50	Choice -		\$237.53			\$237.53	25	PLUS 3	28	\$7.615	2		
448	849	58.0%	60.4%	0.50	13.2	1.55	2.0	3.15	3	63.15	MT0	Choice	Lung	\$237.53	\$4.44		\$241.97	4		4	\$6.281	51		
449	910	62.5%	65.1%	0.60	14.2	1.56	2.5	3.41	3	61.93	SM40	Choice -		\$237.53			\$237.53	28		26	\$6.581	38		
450	861	61.5%	64.1%	0.65	14.8	1.72	1.5	2.96	2	64.11	SL30	Select -		\$227.14	\$2.50		\$229.64	54		54	\$6.404	44		
451	819	61.6%	64.1%	0.50	13.1	1.60	1.5	2.97	2	64.07	SL60	Select +		\$227.14	\$2.50		\$229.64	45		42	\$6.465	41		
452	845	62.8%	65.4%	0.60	13.5	1.60	2.0	3.29	3	62.58	SM80	Choice -		\$237.53			\$237.53	21		21	\$6.359	47		
453	947	61.5%	64.1%	0.90	14.7	1.55	1.5	3.94	3	60.37	SM70	Choice -		\$237.53			\$237.53	22		22	\$6.688	31	\$4.878	13
454	764	61.9%	64.4%	0.40	12.7	1.66	2.5	2.84	2	64.00	SM0	Choice -		\$237.53	\$2.50		\$240.03	17		17	\$5.494	62		
455	833	62.9%	65.5%	0.30	15.5	1.86	2.0	1.86	1	68.16	SL60	Select +		\$227.14	\$6.50		\$233.64	37		36	\$5.984	57		
456	821	63.2%	65.8%	0.70	13.2	1.61	2.5	3.65	3	60.89	SM60	Choice -		\$237.53			\$237.53	24		24	\$6.567	40		
457	999	61.1%	63.6%	0.50	14.8	1.48	2.5	3.31	3	62.49	SL50	Select +		\$227.14			\$227.14	57	PLUS 3	58	\$7.053	14		
458	896	62.2%	64.8%	0.40	16.4	1.83	1.5	1.96	1	68.09	SM20	Choice -		\$237.53	\$6.50		\$244.03	2		2	\$6.962	19	\$5.158	8
459	799	60.5%	63.1%	0.40	14.8	1.85	2.0	2.20	2	66.76	SL40	Select -	Lung	\$227.14	\$2.50		\$229.64	50		49	\$6.452	42		
460	1025	63.5%	66.1%	0.70	15.2	1.48	2.5	3.78	3	60.65	SL40	Select -	Lung	\$227.14			\$227.14	59	PLUS 3	60	\$7.390	5		
461	970	62.0%	64.6%	0.80	14.8	1.53	2.5	3.95	3	59.89	SM20	Choice -		\$237.53			\$237.53	35		35	\$7.304	6		
462	888	60.2%	62.7%	0.20	15.1	1.70	1.5	1.84	1	68.59	SM10	Choice -		\$237.53	\$6.50		\$244.03	3		3	\$6.846	23		
463																								
464	775	61.3%	63.8%	0.50	12.6	1.63	1.5	2.96	2	64.03	SL30	Select -		\$227.14	\$2.50		\$229.64	55		55	\$6.274	52		
465	874	62.0%	64.6%	0.50	13.5	1.54	2.5	3.25	3	62.54	SM20	Choice -		\$237.53			\$237.53	32		29	\$6.300	50		
466	884	61.2%	63.7%	0.30	14.8	1.67	2.5	2.37	2	65.99	SM20	Choice -		\$237.53	\$2.50		\$240.03	10		10	\$6.906	20		
467	561	55.5%	57.9%	0.05	9.8	1.75	1.0	1.82	1	68.53	TR80	Std +	Lung/Dairy Conf	\$192.80	\$6.50		\$199.30	65	PLUS 5	65	\$2.795	65		
468	926	60.3%	62.8%	0.60	15.4	1.66	2.0	2.99	2	63.84	SM20	Choice -		\$237.53	\$2.50		\$240.03	12		12	\$6.824	25		
	876	61.4%	64.0%	0.52	14.1	1.62	2.2	3.05	2.4	63.49	SM 02	63.1%	15.4%	\$232.15	\$3.24	\$4.44	\$234.31				\$6.549		\$5.119	
	561	55.5%	57.9%	0.05	9.8	1.34	1.0	1.31	1.0	55.88	TR 80	Low Choice		\$192.80	58%	7%	\$199.30				\$2.795		\$4.332	
	1025	64.6%	67.2%	1.10	18.0	1.99	3.0	4.96	4.0	70.12	MD 20	or Better		\$237.53	YG 1&2	CAB	\$244.47				\$7.852		\$5.540	

Steer Test Evaluation Formulas

For Tri-County Steer Carcass Futurity - Darrell Busby, Manager TCSCF Cooperative
53020 Hitchcock, Lewis, IA 51544 Tel 712-769-2600 Fax 712-769-2610

Black Hided = Yes indicates carcass was identified at packing plant as meeting live animal requirements for Certified Angus Beef program. Cattle are 51% or greater Angus and have beef conformation.

Hot Carcass Weight = Weight of carcass prior to entering cooler. The weight each entry is paid on. Carcasses are discounted below 550 lb. and over 1050 lb.

Dressing percent = Hot carcass weight / final live weight. Using full out-lot weights results in dressing percentages lower than dressing percentages calculated from off-truck weights or pencil-shrunk weights.

Fat Cover = Fat thickness as measured with a steel ruler. .20 of an inch is desired minimum to prevent cold toughening during cooling. Increased fat cover increases Yield Grade and lowers retail product. Our goal is to market a group of cattle with an average of .40 to .50 of fat cover.

Ribeye Area = Square inches of ribeye as measured with plastic grid. Ideal range is 12 to 14 sq. in. with 11 to 15 sq. in. being acceptable.

REA/cwt. = Ribeye Area / Hot carcass cwt. Indicator of muscling. Average is 1.71 sq. in./cwt. of hot carcass weight. Carcasses under 600 lb. with less than .30 of fat cover usually have high REA/cwt. values, whereas, carcasses with greater than .55 of fat cover usually have lower REA/cwt. values.

% KPH = estimate of percent kidney, pelvic and heart fat of hot carcass weight. A value of 2.5 % KPH for a 700 lb. carcass means the 17.5 lb. of the hot carcass weight was KPH.

Yield Grade = $2.5 + (2.5 * \text{Fat cover, inches}) + (0.2 * \% \text{ Kidney, pelvic \& heart fat}) + (0.0038 * \text{Hot carcass weight, lbs.}) - (0.32 * \text{Rib eye area, sq. in.})$. Yield Grade 1 is lean and Yield Grade is fat. Yield Grade of 2.05 and 2.95 would both be stamped YG 2.

USDA YG = the USDA Grader's Yield Grade determination. Use of instrument grading equipment and software has improved the accuracy of yield grades.

Percent Retail Product = $65.69 - (9.931 * \text{Fat cover, inches}) + (1.2259 * \text{Rib eye area, sq. in.}) - (1.29 * \% \text{ Kidney, pelvic \& heart fat}) - (0.013166 * \text{Hot Carcass Wt, lb.})$

Defects Include horns which cause bruising and trim loss. Estimated pounds of trim loss from bruising, contamination, or abscesses. Lung adhesions are an indication of respiratory disease, but when the episode occurred whether before or after delivery to the feedlot could not be determined. Previous data indicates steers with lung adhesions gain .43 lb./day or 14% less than normal steers and cost of gain was 10% higher. Dark cutter is a carcass with dark colored lean due to stress more than 12 hours prior to harvest. Cattle are in an energy deficit situation.

Marbling Score as called by the USDA Grader.

Quality Grade as called by the USDA Grader and stamped on the carcass with his/her unique identification stamp.

Marbling Score is a major factor in Quality Grade. The table below explains the Marbling Score and Quality Grade abbreviations. The numbers range from 0 to 90 with 0 being the low end within a marbling score category and 90 being the high.

Marbling Score – Abr.	Marbling Score	Quality Grade – Abr.	Quality Grade
TR 0 to TR 90	Traces	Std +	Standard plus
SL 0 to 40	Slight 0 to 40	Select -	Select minus
SL 50 to 90	Slight 50 to 90	Select +	Select plus
SM 0 to 90	Small 0 to 90	Choice -	Choice minus
MT 0 to 90	Modest 0 to 90	Choice	Choice average
MOD 0 to 90	Moderate 0 to 90	Choice +	Choice plus
SLAB 0 to 90	Slightly Abundant 0 to 90	Prime -	Prime minus
MODAB 0 to 90	Moderately Abundant 0 to 90	Prime	Prime average
ABUD 0 to 90	Abundant 0 to 90	Prime +	Prime plus

Yield Grade Premium = The premium for YG 1 or YG 2 carcasses.

CAB Premium = USDA grader has determined carcass meets maturity, Yield Grade and marbling requirements to enter CAB program. Not all cattle receiving "A" and Average Choice or greater enter the program as the marbling may not be finely distributed as specified by the CAB program

Average Carcass Price \$/cwt. = Weighted average of carcass prices received for the two or three different harvest dates. Carcass prices are adjusted so all carcasses within the same quality grade and weight range receive the same price. In reality, the actual price for the same quality grade is usually different on the two harvest dates. The premiums and discounts for Yield Grade and carcass weight are averaged between the 2 or 3 harvest dates. Also the premiums for CAB and Prime are averaged between the 2 or 3 harvest dates. The average for the **Average Carcass Price** and the **Actual Carcass Price** are the same in an effort to remove carcass price for different harvest dates as a variable in the final ranking of the group.

Retail Value per Day On Test = ((Hot carcass wt. - (0.55 * On-test wt.)) * % Retail Product * (Carcass price, \$/lb./0.64))/Days on Feed

Constants: 0.55 is for 55% dressing percent for On-test wt. 0.64 is average % Retail Product for beef industry.

Correlation between **RVDOT** and profit in the feedlot is .88. The **RVDOT** formula is the best of five formulas in measuring feedlot profitability.

Retail Value per Day Of Age = (Hot carcass wt.) * % Retail Product * (Carcass price, \$/lb./0.64)/Days of Age

Correlation Table for 2014 Carcass Challenge Carcass and Ultrasound Data

Trait	Ultrasound 11/19/13	Ultrasound 1/28/14	Ultrasound 11/19/13 to 1/28/14
Fat Cover	.57	.89	.32
Marbling Score to IMF	.44	.66	.66
Ribeye Area	.68	.82	.76

END PRODUCT VALUE AWARD

REASON FOR AWARD

The goal of the cattle feeding industry is to by the most economically efficient methods maximize the genetic potential of individual animals to produce the safest, most nutritional and most desirable food product possible.

The rationale for the End Product Value Award is to educate beef producers on the importance of producing the most desirable premium food product possible. Beef producers are reminded in the BQA sessions that they are in the food business. They know they have to produce a safe, economical, nutritional and desirable product. There must be a demand for the industry's product for it to be a profitable industry. They are producing a premium priced product compared to other protein sources therefore the product has to be of premium quality to compete in the market place for the consumer dollar. This award will allow producers to learn what characteristics of meat quality and animal production determine the profitability and desirability of the consumer product that they are producing.

PROCEDURE

1st Value per lb (grid value per lb)

All ranking adjustments will be applied to the initial rankings then tie breakers will be applied.

Ranking Adjustments

- A. Any carcass with a REA less than 1.5 sq in per 100 pounds of hot carcass weight will be lowered three full ranks. Considered light muscled animal
- B. Animals with gains of less the 2.5 lbs per day will be lowered by five full ranks. Cannot produce even the most desirable product if it is not economically feasible
- C. Carcasses with excessive trimming will be lowered two full ranks. Will reduce total value of carcass and could reduce the desirability of individual cuts.

TIE BREAKERS

1st tie breaker Marbling score (USDA score)
 2nd tie breaker Yield grade score (calculated yield grade score)
 3rd tie breaker Retail value ranking (carcass contest ranking)

Adapted from Mills County 4-H Beef Carcass Program