



10900 Dover Street
 Westminster, CO 80021
 303.465.BEEF (2333)
 fax: 303.465.2339
 www.gelbvieh.org

Spring 2017 International Cattle Evaluation

Statistical Breakdown

Gelbvieh Active Sires																						
		Expected Progeny Differences																Index Values				
		Growth and Maternal									Intake and Carcass											
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		2091	2091	2091	2091	2091	2091	2091	2091	2091	2091	562	2091	2091	2091	2091	2091	562	562	1100	2090	1100
High		23	10.5	128	178	55	103	18	21	8	22	1.206	0.08	80	1.36	0.64	0.05	0.182	0.293	161.12	103.08	251.09
Average		9	1.3	70	96	30	65	6	4	1	7	-0.003	-0.33	28	0.44	-0.15	-0.06	-0.046	-0.011	67.25	65.64	86.00
Low		-12	-7.9	19	17	-4	30	-13	-12	-6	-8	-0.762	-0.89	-26	-0.36	-0.85	-0.15	-0.228	-0.494	-41.96	31.98	-57.65
1%		19	-4.2	102	146	48	90	15	13	5	18	-0.536	-0.71	62	1.07	0.27	-0.11	0.098	-0.341	139.94	88.61	170.77
2%		18	-3.6	99	141	45	86	13	11	4	16	-0.406	-0.66	58	0.96	0.20	-0.11	0.077	-0.242	128.82	86.00	152.59
3%		17	-3.0	98	138	44	85	13	11	4	16	-0.328	-0.62	55	0.90	0.15	-0.10	0.055	-0.201	124.40	84.83	148.75
4%		16	-2.6	95	135	43	84	13	10	4	15	-0.284	-0.61	54	0.86	0.13	-0.10	0.045	-0.178	120.91	83.83	145.47
5%		16	-2.2	94	132	42	82	12	10	4	15	-0.228	-0.59	52	0.82	0.10	-0.10	0.042	-0.144	117.93	82.58	141.40
10%		14	-1.3	89	124	39	78	11	8	3	13	-0.092	-0.53	46	0.73	0.03	-0.09	0.017	-0.086	104.88	79.00	132.25
15%		13	-0.7	85	118	38	76	10	8	3	12	-0.067	-0.49	42	0.67	-0.01	-0.08	0.002	-0.061	94.67	75.71	125.71
20%		12	-0.3	81	113	36	74	9	7	2	11	-0.051	-0.46	39	0.62	-0.04	-0.08	-0.008	-0.044	88.50	73.64	120.04
25%		12	0.1	79	109	35	72	9	6	2	10	-0.037	-0.43	37	0.58	-0.06	-0.08	-0.018	-0.028	84.14	71.56	114.95
30%		11	0.4	76	106	34	70	8	6	2	9	-0.028	-0.40	35	0.55	-0.09	-0.07	-0.024	-0.020	79.81	69.98	110.89
35%		11	0.7	74	103	33	68	8	5	1	9	-0.019	-0.37	33	0.52	-0.11	-0.07	-0.029	-0.013	76.34	68.67	105.59
40%		10	0.9	73	101	32	67	7	5	1	8	-0.013	-0.35	31	0.49	-0.13	-0.07	-0.035	-0.007	73.01	67.31	101.02
45%		10	1.1	71	98	31	66	7	4	1	8	-0.006	-0.33	29	0.47	-0.14	-0.06	-0.041	-0.004	69.83	66.21	94.61
50%		9	1.4	69	95	30	64	6	4	1	7	-0.002	-0.31	28	0.44	-0.17	-0.06	-0.047	-0.002	66.44	65.09	90.48
55%		9	1.6	68	93	29	63	6	3	1	7	0.000	-0.29	26	0.41	-0.18	-0.06	-0.054	-0.000	63.12	63.94	85.45
60%		8	1.8	66	91	28	62	5	3	0	6	0.004	-0.28	24	0.39	-0.20	-0.05	-0.058	0.002	60.31	62.74	81.27
65%		8	2.1	65	88	27	61	5	2	0	5	0.008	-0.26	23	0.36	-0.22	-0.05	-0.066	0.006	56.09	61.76	75.28
70%		7	2.3	63	85	26	59	4	2	0	5	0.013	-0.25	21	0.33	-0.23	-0.05	-0.071	0.010	52.64	60.44	67.01
75%		7	2.6	61	82	25	58	4	1	0	4	0.020	-0.23	19	0.30	-0.25	-0.04	-0.077	0.016	49.31	59.06	58.35
80%		6	2.9	59	79	24	56	3	1	0	4	0.032	-0.22	17	0.27	-0.28	-0.04	-0.082	0.025	45.37	57.79	51.20
85%		6	3.3	57	76	22	54	2	0	-1	3	0.051	-0.20	14	0.22	-0.29	-0.03	-0.094	0.036	40.08	56.13	41.50
90%		5	3.8	54	70	20	52	1	-1	-1	2	0.075	-0.17	12	0.17	-0.32	-0.03	-0.105	0.059	33.44	54.34	31.94
95%		3	4.6	49	61	17	49	-1	-2	-2	1	0.222	-0.14	5	0.06	-0.37	-0.02	-0.121	0.105	22.82	50.90	16.96



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Statistical Breakdown

Gelbvieh Active Dams																						
		Expected Progeny Differences																	Index Values			
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals	20046	20046	20046	20046	20046	20046	20046	20046	20043	20043	20043	3127	20046	20046	20046	20046	20046	3127	3127	3600	20041	3600
High	22	11.2	120	167	60	106	19	19	7	23	1.152	0.07	77	1.36	0.57	0.02	0.184	0.431	160.58	98.77	215.96	
Average	8	1.6	66	90	28	61	6	3	1	7	-0.009	-0.33	25	0.43	-0.17	-0.07	-0.047	-0.010	68.36	61.21	69.70	
Low	-9	-7.5	22	16	-7	16	-16	-10	-7	-7	-1.164	-0.86	-27	-0.48	-0.85	-0.16	-0.199	-0.564	-3.84	36.77	-46.43	
1%	16	-3.5	92	131	44	83	13	13	5	17	-0.282	-0.61	52	0.87	0.13	-0.11	0.059	-0.205	140.37	79.27	155.65	
2%	15	-2.8	89	126	42	80	12	11	4	16	-0.204	-0.57	49	0.79	0.09	-0.10	0.038	-0.171	128.59	76.20	142.61	
3%	14	-2.3	86	122	41	78	12	11	4	15	-0.172	-0.56	46	0.75	0.06	-0.10	0.030	-0.141	123.14	74.82	135.30	
4%	14	-2.0	85	120	40	76	12	10	4	15	-0.150	-0.54	45	0.72	0.04	-0.10	0.022	-0.125	119.11	73.81	131.23	
5%	13	-1.7	83	118	39	75	11	10	3	14	-0.136	-0.53	43	0.70	0.03	-0.09	0.016	-0.108	115.63	72.89	128.18	
10%	12	-0.8	79	111	37	72	10	8	3	12	-0.095	-0.49	39	0.64	-0.03	-0.09	0.000	-0.071	106.37	69.91	114.31	
15%	11	-0.3	76	107	35	70	9	7	2	11	-0.069	-0.46	36	0.60	-0.06	-0.09	-0.010	-0.053	98.58	67.99	106.50	
20%	11	0.0	74	104	34	68	9	6	2	10	-0.054	-0.44	34	0.57	-0.08	-0.08	-0.018	-0.038	90.63	66.56	99.04	
25%	10	0.4	73	101	33	67	8	6	2	10	-0.044	-0.42	32	0.54	-0.10	-0.08	-0.024	-0.029	84.56	65.44	93.44	
30%	10	0.7	71	99	32	66	8	5	1	9	-0.035	-0.40	31	0.51	-0.12	-0.08	-0.029	-0.023	79.51	64.40	88.39	
35%	9	0.9	70	97	31	64	7	5	1	9	-0.027	-0.38	30	0.49	-0.14	-0.08	-0.034	-0.018	75.58	63.42	83.13	
40%	9	1.2	68	95	30	63	7	4	1	8	-0.019	-0.36	28	0.47	-0.15	-0.07	-0.039	-0.013	72.07	62.50	77.72	
45%	9	1.4	67	93	29	62	7	4	1	8	-0.012	-0.34	27	0.45	-0.17	-0.07	-0.044	-0.008	68.67	61.66	73.25	
50%	8	1.6	66	91	29	61	6	3	1	7	-0.007	-0.32	26	0.43	-0.18	-0.07	-0.048	-0.004	65.37	60.82	68.71	
55%	8	1.8	65	89	28	60	6	3	0	7	-0.002	-0.31	24	0.41	-0.20	-0.07	-0.052	-0.001	62.79	60.01	64.50	
60%	7	2.1	64	86	27	59	5	2	0	6	0.003	-0.29	23	0.39	-0.21	-0.06	-0.057	0.002	59.43	59.19	59.95	
65%	7	2.3	62	84	26	58	5	2	0	6	0.009	-0.28	22	0.37	-0.22	-0.06	-0.062	0.006	56.49	58.38	55.21	
70%	7	2.5	61	82	25	57	5	1	0	5	0.015	-0.27	20	0.35	-0.24	-0.06	-0.066	0.010	53.01	57.56	50.01	
75%	6	2.8	59	80	24	56	4	1	0	5	0.023	-0.25	19	0.32	-0.25	-0.06	-0.071	0.015	49.70	56.66	45.28	
80%	6	3.1	58	77	23	54	3	1	-1	4	0.033	-0.24	17	0.30	-0.27	-0.05	-0.077	0.022	46.48	55.62	39.75	
85%	5	3.5	56	74	21	53	3	0	-1	3	0.051	-0.22	15	0.27	-0.29	-0.05	-0.083	0.030	41.70	54.42	33.99	
90%	4	3.9	53	70	20	51	2	-1	-1	3	0.073	-0.20	12	0.23	-0.31	-0.04	-0.093	0.046	36.23	52.99	25.71	
95%	3	4.7	49	63	17	47	0	-2	-2	1	0.119	-0.17	7	0.16	-0.35	-0.04	-0.107	0.067	27.91	50.85	13.73	



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Statistical Breakdown

Gelbvieh Non-Parents																						
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		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		30469	30469	30469	30469	30469	30469	30469	30396	30396	30396	1603	30469	30469	30469	30469	30469	1603	1603	3453	28980	3453
High		22	11.1	124	174	55	103	16	17	6	26	2.688	0.12	81	1.31	1.17	0.04	0.190	0.714	182.02	114.56	240.65
Average		9	1.2	70	96	30	65	6	4	1	8	0.004	-0.34	28	0.44	-0.13	-0.06	-0.041	-0.013	80.25	64.45	95.50
Low		-9	-9.0	17	13	0	27	-14	-8	-4	-5	-1.754	-0.79	-28	-0.41	-0.61	-0.14	-0.260	-0.632	5.96	32.89	-55.40
1%		17	-3.7	98	137	44	86	12	11	4	18	-0.825	-0.59	55	0.88	0.22	-0.10	0.127	-0.285	142.77	86.26	159.72
2%		16	-2.9	94	132	42	83	12	10	4	16	-0.611	-0.56	51	0.81	0.16	-0.09	0.074	-0.218	136.31	82.88	152.59
3%		15	-2.5	92	128	41	81	11	10	3	16	-0.484	-0.55	49	0.77	0.13	-0.09	0.051	-0.195	132.66	80.80	148.12
4%		15	-2.2	90	126	40	80	11	9	3	15	-0.339	-0.53	47	0.74	0.11	-0.09	0.045	-0.170	127.71	79.10	145.74
5%		14	-1.9	88	124	39	79	11	9	3	15	-0.286	-0.52	46	0.72	0.09	-0.09	0.038	-0.146	124.00	77.79	143.44
10%		13	-1.1	84	117	37	75	10	8	2	13	-0.163	-0.48	42	0.65	0.03	-0.08	0.019	-0.104	113.58	73.95	134.28
15%		12	-0.6	81	113	36	73	9	7	2	12	-0.122	-0.46	39	0.61	-0.01	-0.08	0.005	-0.083	105.83	71.72	129.20
20%		12	-0.2	78	110	34	71	9	6	2	11	-0.090	-0.43	37	0.58	-0.04	-0.07	-0.003	-0.070	100.59	69.95	124.11
25%		11	0.1	77	107	34	70	8	6	2	10	-0.067	-0.42	35	0.55	-0.06	-0.07	-0.014	-0.054	95.49	68.54	120.47
30%		11	0.4	75	104	33	69	8	5	1	10	-0.050	-0.40	34	0.52	-0.08	-0.07	-0.020	-0.041	91.31	67.34	116.99
35%		10	0.6	74	102	32	68	7	5	1	9	-0.039	-0.38	32	0.50	-0.10	-0.07	-0.025	-0.032	87.89	66.29	112.92
40%		10	0.8	72	100	31	66	7	5	1	9	-0.030	-0.37	31	0.48	-0.11	-0.06	-0.032	-0.023	84.24	65.38	108.85
45%		10	1.0	71	98	30	65	7	4	1	8	-0.018	-0.35	30	0.46	-0.13	-0.06	-0.038	-0.017	81.01	64.55	104.78
50%		9	1.2	70	96	30	64	6	4	1	8	-0.008	-0.34	28	0.44	-0.14	-0.06	-0.043	-0.008	77.93	63.74	100.85
55%		9	1.4	68	94	29	63	6	3	1	7	0.001	-0.32	27	0.42	-0.16	-0.06	-0.048	0.000	75.05	62.97	97.07
60%		9	1.7	67	92	28	62	6	3	1	7	0.016	-0.31	26	0.40	-0.17	-0.05	-0.053	0.008	72.28	62.15	93.59
65%		8	1.9	66	90	28	61	5	3	0	7	0.030	-0.29	24	0.38	-0.19	-0.05	-0.057	0.015	69.34	61.35	87.49
70%		8	2.1	64	88	27	60	5	2	0	6	0.049	-0.28	23	0.36	-0.20	-0.05	-0.063	0.022	66.18	60.50	82.12
75%		7	2.3	63	86	26	59	4	2	0	6	0.072	-0.26	22	0.33	-0.22	-0.05	-0.069	0.027	63.25	59.63	74.76
80%		7	2.6	61	83	25	58	4	2	0	5	0.101	-0.25	20	0.31	-0.23	-0.04	-0.075	0.039	60.05	58.62	65.82
85%		7	3.0	59	81	24	56	3	1	0	5	0.148	-0.23	18	0.27	-0.25	-0.04	-0.082	0.056	55.85	57.43	57.30
90%		6	3.4	57	77	22	54	2	1	-1	4	0.236	-0.21	15	0.23	-0.27	-0.03	-0.095	0.072	50.75	55.97	46.52
95%		5	4.1	53	70	20	52	0	0	-1	3	0.390	-0.18	11	0.17	-0.31	-0.03	-0.119	0.102	44.71	53.64	31.12



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Balancer Active Sires																						
		Expected Progeny Differences																	Index Values			
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		1279	1279	1279	1279	1279	1279	1279	1279	1279	1279	303	1279	1279	1279	1279	1279	303	303	672	1279	672
High		27	7.6	117	183	50	96	15	18	7	17	1.595	0.24	81	1.55	1.09	0.10	0.365	0.472	128.32	124.93	327.00
Average		12	0.0	69	104	26	61	7	4	1	4	0.065	-0.25	31	0.44	0.29	-0.02	0.043	-0.028	57.12	78.34	122.11
Low		-1	-10.7	31	43	1	30	-11	-9	-5	-5	-1.344	-0.78	-15	-0.45	-0.27	-0.12	-0.221	-0.769	-5.52	45.94	-54.10
1%		22	-5.7	106	160	43	84	14	12	5	13	-0.892	-0.68	70	1.15	0.96	-0.09	0.310	-0.587	113.82	107.98	257.33
2%		21	-5.0	98	152	40	81	13	10	5	12	-0.794	-0.62	62	1.07	0.87	-0.08	0.229	-0.468	109.86	103.90	229.17
3%		21	-4.5	95	145	39	79	13	10	5	12	-0.655	-0.58	59	1.00	0.83	-0.07	0.220	-0.283	107.00	101.50	216.21
4%		20	-4.1	93	142	38	78	13	9	4	11	-0.430	-0.56	56	0.95	0.78	-0.07	0.212	-0.242	101.57	100.36	203.24
5%		20	-3.7	92	138	37	77	12	9	4	11	-0.368	-0.55	54	0.93	0.72	-0.07	0.203	-0.233	99.30	99.19	197.95
10%		18	-2.8	87	131	34	72	11	8	4	9	-0.216	-0.49	48	0.81	0.62	-0.06	0.159	-0.164	86.66	93.89	175.25
15%		17	-2.3	83	126	33	70	10	7	3	8	-0.114	-0.45	45	0.72	0.55	-0.05	0.136	-0.138	78.63	90.38	156.51
20%		16	-1.8	80	121	32	68	10	6	3	7	-0.066	-0.40	42	0.68	0.50	-0.05	0.113	-0.099	73.84	87.81	144.59
25%		15	-1.4	77	116	31	66	9	6	3	6	-0.050	-0.37	40	0.63	0.46	-0.04	0.086	-0.069	68.95	85.67	138.35
30%		14	-1.1	75	113	30	65	9	5	2	6	-0.031	-0.34	38	0.58	0.41	-0.04	0.069	-0.054	65.12	84.01	135.30
35%		14	-0.8	73	110	29	64	8	5	2	5	-0.016	-0.32	36	0.53	0.38	-0.04	0.062	-0.047	62.74	81.87	131.20
40%		13	-0.5	71	107	28	62	8	5	2	5	-0.009	-0.28	34	0.49	0.33	-0.03	0.055	-0.035	60.11	80.21	127.48
45%		13	-0.3	70	105	27	62	8	4	2	4	0.005	-0.26	32	0.46	0.30	-0.03	0.045	-0.027	57.31	78.86	123.09
50%		12	0.0	68	102	27	60	7	4	1	4	0.014	-0.24	31	0.44	0.27	-0.03	0.034	-0.017	55.10	77.53	119.02
55%		11	0.3	67	100	26	60	7	4	1	4	0.028	-0.21	29	0.41	0.23	-0.02	0.027	-0.009	52.80	75.95	115.97
60%		11	0.6	65	97	25	58	6	3	1	3	0.044	-0.19	28	0.37	0.20	-0.02	0.016	0.000	50.46	73.96	111.58
65%		11	0.9	64	95	24	57	6	3	1	3	0.056	-0.17	26	0.34	0.17	-0.02	0.009	0.012	48.33	72.47	107.83
70%		10	1.2	62	93	23	56	6	2	0	2	0.066	-0.14	24	0.30	0.14	-0.01	0.002	0.020	45.24	71.39	103.76
75%		9	1.5	61	90	22	55	5	2	0	2	0.097	-0.12	22	0.26	0.11	-0.01	-0.010	0.027	41.96	69.98	98.68
80%		9	1.8	59	87	21	54	5	1	0	1	0.158	-0.10	20	0.21	0.06	0.00	-0.018	0.040	39.38	68.41	94.61
85%		8	2.2	57	83	20	52	4	1	-1	1	0.245	-0.07	18	0.15	0.02	0.00	-0.035	0.058	35.17	66.90	87.49
90%		7	2.6	54	78	18	50	3	0	-1	0	0.466	-0.04	15	0.10	-0.03	0.01	-0.056	0.091	32.36	64.99	76.59
95%		6	3.2	49	73	15	47	1	-1	-2	-1	0.806	-0.01	11	0.00	-0.09	0.03	-0.082	0.151	25.96	62.06	63.24



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Spring 2017 International Cattle Evaluation

Statistical Breakdown

Balancer Active Dams																						
		Expected Progeny Differences																Index Values				
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		18241	18241	18241	18241	18241	18241	18241	18209	18209	18205	3447	18241	18241	18241	18241	18241	3447	3447	3966	18223	3967
High		24	8.3	111	171	49	90	18	18	8	19	1.322	0.39	82	1.55	1.17	0.12	0.212	0.592	136.54	109.09	250.00
Average		11	0.4	63	95	25	57	7	4	1	5	0.014	-0.21	27	0.39	0.22	-0.03	0.015	-0.002	56.13	71.57	107.65
Low		-4	-11.1	16	19	-6	24	-13	-14	-6	-8	-1.699	-0.79	-26	-0.61	-0.64	-0.16	-0.241	-0.660	-36.09	42.45	-75.24
1%		19	-4.8	90	135	40	77	13	12	5	14	-0.367	-0.54	53	0.94	0.76	-0.09	0.149	-0.229	115.10	93.72	199.79
2%		18	-4.0	86	129	38	74	12	11	5	12	-0.283	-0.50	49	0.87	0.71	-0.08	0.131	-0.183	107.59	90.44	192.15
3%		17	-3.6	83	126	37	72	12	11	5	12	-0.231	-0.47	47	0.82	0.66	-0.08	0.123	-0.149	102.23	88.79	181.94
4%		17	-3.2	82	124	36	71	11	10	4	11	-0.201	-0.46	45	0.79	0.62	-0.07	0.113	-0.139	99.47	87.47	176.64
5%		17	-3.0	80	122	35	70	11	10	4	11	-0.182	-0.44	44	0.76	0.60	-0.07	0.105	-0.127	96.66	86.40	172.09
10%		15	-2.1	76	116	33	67	10	8	4	9	-0.114	-0.39	40	0.67	0.50	-0.06	0.083	-0.088	84.66	82.74	157.00
15%		14	-1.6	74	112	32	65	10	7	3	8	-0.077	-0.35	38	0.61	0.44	-0.06	0.069	-0.064	78.49	80.44	146.71
20%		14	-1.2	72	108	30	63	9	6	3	7	-0.056	-0.32	36	0.56	0.40	-0.05	0.061	-0.049	74.04	78.57	139.15
25%		13	-0.8	70	106	29	62	9	6	2	7	-0.040	-0.30	34	0.52	0.36	-0.05	0.050	-0.036	70.39	77.06	132.25
30%		12	-0.5	68	103	29	61	8	5	2	6	-0.028	-0.27	32	0.49	0.33	-0.05	0.041	-0.028	66.64	75.65	127.30
35%		12	-0.3	67	101	28	60	8	5	2	6	-0.018	-0.25	31	0.46	0.29	-0.04	0.034	-0.020	63.11	74.41	122.96
40%		11	0.0	66	99	27	59	8	4	2	5	-0.011	-0.24	30	0.43	0.26	-0.04	0.027	-0.014	60.22	73.25	117.63
45%		11	0.2	65	97	26	58	7	4	1	5	-0.001	-0.22	28	0.41	0.23	-0.04	0.019	-0.007	57.58	72.12	112.92
50%		11	0.4	63	95	25	57	7	4	1	4	0.007	-0.20	27	0.38	0.21	-0.04	0.013	-0.001	54.91	71.01	108.85
55%		10	0.6	62	93	25	56	7	3	1	4	0.016	-0.18	26	0.36	0.18	-0.03	0.008	0.006	51.86	70.00	104.56
60%		10	0.9	61	91	24	55	6	3	1	4	0.026	-0.17	24	0.33	0.16	-0.03	0.002	0.011	49.33	68.97	99.73
65%		9	1.1	60	89	23	54	6	2	1	3	0.038	-0.15	23	0.30	0.13	-0.03	-0.005	0.017	46.33	67.87	94.13
70%		9	1.4	58	87	22	53	5	2	0	3	0.048	-0.13	22	0.27	0.11	-0.02	-0.012	0.025	43.58	66.83	88.64
75%		8	1.6	57	84	21	52	5	1	0	2	0.064	-0.11	20	0.24	0.08	-0.02	-0.020	0.035	40.63	65.63	82.52
80%		8	1.9	55	82	20	50	4	1	0	2	0.082	-0.09	18	0.21	0.05	-0.02	-0.029	0.046	37.62	64.34	75.51
85%		7	2.3	53	78	19	49	4	0	-1	1	0.110	-0.07	16	0.18	0.01	-0.01	-0.039	0.059	34.02	62.91	67.92
90%		6	2.7	51	74	17	47	3	0	-1	0	0.145	-0.04	13	0.13	-0.03	0.00	-0.050	0.082	29.38	61.05	57.75
95%		5	3.5	47	68	15	44	1	-2	-2	-1	0.226	0.00	9	0.07	-0.09	0.01	-0.073	0.116	22.25	58.40	40.76



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Spring 2017 International Cattle Evaluation

Statistical Breakdown

Balancer Non-Parents																						
		Expected Progeny Differences																	Index Values			
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		43790	43790	43790	43790	43790	43790	43790	42743	42743	42358	4391	43761	43790	43790	43790	43790	4391	4391	8505	41247	8508
High		28	10.2	130	200	50	98	18	16	7	22	2.381	0.44	93	1.55	1.83	0.15	0.414	1.180	152.37	124.15	329.96
Average		12	0.0	68	102	26	60	7	4	1	5	0.024	-0.25	30	0.45	0.28	-0.03	0.024	-0.015	60.30	75.70	119.45
Low		-7	-10.0	19	23	1	28	-13	-7	-4	-6	-2.106	-0.77	-20	-0.75	-0.64	-0.16	-0.388	-0.919	-11.53	42.60	-107.51
1%		20	-4.9	97	146	40	81	13	10	5	13	-1.022	-0.57	58	1.02	0.86	-0.08	0.202	-0.419	114.47	103.37	214.09
2%		19	-4.2	93	140	38	78	12	9	4	12	-0.827	-0.53	54	0.94	0.78	-0.07	0.173	-0.304	106.47	99.50	197.89
3%		18	-3.8	90	136	37	76	12	9	4	11	-0.645	-0.51	51	0.89	0.73	-0.07	0.150	-0.239	102.35	96.97	188.20
4%		18	-3.5	88	133	36	75	11	8	4	11	-0.558	-0.49	50	0.86	0.70	-0.07	0.137	-0.213	98.69	95.32	182.94
5%		18	-3.2	86	130	36	74	11	8	4	10	-0.486	-0.48	48	0.83	0.67	-0.06	0.126	-0.184	96.32	93.83	175.95
10%		16	-2.4	81	123	33	70	10	7	3	9	-0.267	-0.43	44	0.73	0.58	-0.06	0.101	-0.128	86.89	88.85	160.73
15%		15	-1.9	78	118	32	68	10	7	3	8	-0.148	-0.40	41	0.67	0.52	-0.05	0.085	-0.100	80.91	85.77	151.74
20%		15	-1.5	76	115	31	66	9	6	3	7	-0.098	-0.37	39	0.63	0.47	-0.05	0.075	-0.082	76.01	83.39	145.29
25%		14	-1.2	74	112	30	65	9	6	2	6	-0.065	-0.34	37	0.59	0.42	-0.04	0.065	-0.066	72.29	81.48	139.37
30%		14	-0.9	73	110	29	64	8	5	2	6	-0.045	-0.32	35	0.55	0.39	-0.04	0.057	-0.054	68.91	79.84	135.02
35%		13	-0.6	71	107	28	63	8	5	2	6	-0.026	-0.30	34	0.52	0.35	-0.04	0.046	-0.041	65.88	78.38	130.29
40%		13	-0.4	70	105	28	62	8	4	2	5	-0.011	-0.28	33	0.49	0.32	-0.03	0.039	-0.030	63.30	77.07	127.16
45%		12	-0.2	69	103	27	61	7	4	1	5	0.003	-0.26	31	0.47	0.29	-0.03	0.032	-0.020	61.00	75.78	123.26
50%		12	0.1	67	101	26	60	7	4	1	4	0.016	-0.24	30	0.44	0.26	-0.03	0.025	-0.010	58.33	74.59	120.04
55%		11	0.3	66	99	26	59	7	3	1	4	0.030	-0.23	29	0.41	0.23	-0.03	0.019	-0.002	56.03	73.36	116.99
60%		11	0.5	65	97	25	58	6	3	1	4	0.045	-0.21	28	0.39	0.21	-0.02	0.011	0.008	53.61	72.27	112.92
65%		10	0.8	64	95	24	57	6	3	1	3	0.061	-0.19	26	0.36	0.18	-0.02	0.002	0.017	51.22	71.11	109.78
70%		10	1.0	62	93	24	56	6	2	1	3	0.078	-0.17	25	0.33	0.15	-0.02	-0.007	0.026	49.02	69.95	105.72
75%		9	1.3	61	91	23	55	5	2	0	3	0.107	-0.15	23	0.30	0.12	-0.01	-0.016	0.040	46.28	68.76	100.71
80%		9	1.6	59	88	22	54	5	2	0	2	0.145	-0.13	22	0.27	0.09	-0.01	-0.027	0.054	43.45	67.40	94.61
85%		8	1.9	57	85	21	52	4	1	0	2	0.211	-0.11	20	0.23	0.06	0.00	-0.039	0.071	40.06	65.91	87.73
90%		8	2.4	55	81	19	51	3	1	0	1	0.335	-0.08	17	0.18	0.02	0.01	-0.052	0.101	36.21	64.13	76.99
95%		7	3.1	51	75	17	48	2	0	-1	0	0.556	-0.03	13	0.10	-0.04	0.02	-0.081	0.148	31.59	61.69	59.75



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Spring 2017 International Cattle Evaluation

Statistical Breakdown

Active Sires																						
		Expected Progeny Differences																Index Values				
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		4918	4920	4920	4920	4920	4920	4918	4630	4630	4519	1209	4904	4916	4916	4916	4916	1209	1209	2159	4894	2174
High		32	10.5	128	183	55	103	21	21	10	22	1.595	0.68	81	1.90	2.08	0.14	0.436	0.479	161.12	135.00	327.00
Average		11	0.1	67	98	27	60	7	3	1	5	0.015	-0.24	28	0.44	0.18	-0.03	0.006	-0.015	58.86	73.69	106.74
Low		-14	-10.7	12	11	-8	9	-13	-12	-6	-9	-1.344	-0.99	-26	-0.73	-0.85	-0.25	-0.228	-0.769	-41.96	31.98	-88.52
1%		25	-6.3	102	151	46	86	15	12	6	16	-0.740	-0.71	62	1.24	1.29	-0.16	0.229	-0.386	128.82	108.94	242.30
2%		23	-5.6	98	143	43	84	14	11	5	15	-0.448	-0.65	58	1.10	1.13	-0.12	0.197	-0.286	121.16	105.06	222.91
3%		22	-5.1	94	140	42	82	13	10	5	14	-0.368	-0.61	56	1.05	1.04	-0.11	0.172	-0.241	116.44	102.18	209.92
4%		21	-4.8	93	138	40	80	13	10	4	14	-0.321	-0.58	54	0.98	1.00	-0.10	0.164	-0.216	113.00	100.54	198.28
5%		21	-4.5	91	136	40	79	13	9	4	13	-0.283	-0.57	52	0.94	0.95	-0.09	0.150	-0.194	109.32	99.07	190.25
10%		18	-3.4	85	127	37	75	11	8	3	11	-0.119	-0.50	46	0.80	0.78	-0.08	0.121	-0.118	94.49	93.29	164.48
15%		17	-2.7	81	121	35	72	11	7	3	10	-0.081	-0.45	43	0.72	0.65	-0.08	0.092	-0.078	86.56	88.96	148.33
20%		16	-2.1	78	116	33	69	10	6	3	9	-0.057	-0.41	40	0.66	0.55	-0.07	0.075	-0.055	80.48	85.72	138.35
25%		15	-1.6	75	113	32	67	9	6	2	8	-0.041	-0.37	37	0.61	0.46	-0.06	0.060	-0.042	75.82	83.29	132.51
30%		14	-1.2	73	109	31	66	9	5	2	7	-0.029	-0.34	35	0.57	0.38	-0.06	0.045	-0.029	71.38	80.80	127.16
35%		13	-0.8	71	106	30	64	8	5	2	6	-0.020	-0.31	33	0.53	0.30	-0.05	0.029	-0.020	67.17	78.65	121.06
40%		12	-0.4	69	103	29	62	8	4	1	6	-0.013	-0.29	31	0.50	0.23	-0.05	0.016	-0.013	63.26	76.33	116.99
45%		12	-0.1	68	101	28	61	7	4	1	5	-0.005	-0.27	30	0.47	0.14	-0.04	0.004	-0.007	60.33	74.23	111.90
50%		11	0.3	66	98	27	60	7	3	1	4	-0.000	-0.25	28	0.44	0.07	-0.04	-0.006	-0.003	56.25	72.12	107.83
55%		10	0.6	64	96	26	59	6	3	1	4	0.005	-0.22	27	0.41	0.01	-0.03	-0.017	-0.000	53.24	70.34	102.75
60%		10	0.9	63	93	25	58	6	2	1	3	0.010	-0.20	25	0.38	-0.04	-0.03	-0.025	0.003	50.26	68.58	97.66
65%		9	1.2	61	91	24	56	5	2	0	2	0.017	-0.17	23	0.34	-0.08	-0.02	-0.034	0.008	47.15	66.93	92.05
70%		9	1.5	59	88	23	55	5	2	0	2	0.028	-0.15	22	0.31	-0.12	-0.02	-0.043	0.014	43.11	65.33	84.86
75%		8	1.8	58	84	22	53	4	1	0	1	0.045	-0.11	20	0.27	-0.16	-0.01	-0.054	0.023	39.77	63.49	79.32
80%		7	2.2	55	81	21	52	3	0	0	0	0.062	-0.08	17	0.22	-0.19	0.00	-0.063	0.033	35.74	61.73	69.85
85%		7	2.6	53	77	19	50	3	0	-1	0	0.092	-0.04	15	0.16	-0.23	0.01	-0.074	0.047	32.19	59.26	58.35
90%		6	3.1	49	71	18	47	1	-2	-1	0	0.173	0.02	11	0.09	-0.27	0.02	-0.085	0.075	27.19	56.62	44.78
95%		4	3.9	44	61	15	42	0	-2	-2	0	0.351	0.09	4	-0.03	-0.32	0.04	-0.108	0.123	19.79	52.75	28.54

Includes all active animals that meet the listing qualifications regardless of Gelbvieh

Spring 2017 Active Sires



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Spring 2017 International Cattle Evaluation

Statistical Breakdown

Active Dams																						
		Expected Progeny Differences																Index Values				
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		44583	44584	44584	44584	44584	44584	44583	43884	43884	43743	7168	44576	44583	44583	44583	44583	7168	7168	8223	44541	8236
High		26	11.2	120	171	60	106	19	19	8	23	1.322	0.39	82	1.55	1.51	0.12	0.225	0.592	160.58	115.07	260.14
Average		9	0.9	64	92	26	58	6	3	1	6	0.003	-0.27	26	0.41	0.04	-0.05	-0.011	-0.006	60.63	66.38	91.10
Low		-9	-11.1	16	8	-7	9	-16	-14	-7	-8	-1.699	-0.90	-36	-0.65	-0.85	-0.25	-0.241	-0.660	-36.09	36.77	-75.24
1%		18	-4.5	91	133	43	80	13	12	5	16	-0.312	-0.60	52	0.92	0.82	-0.14	0.137	-0.216	128.19	91.13	197.01
2%		17	-3.7	87	127	40	77	12	11	5	15	-0.248	-0.56	49	0.83	0.72	-0.11	0.125	-0.176	119.35	88.25	183.14
3%		17	-3.2	85	124	39	75	12	11	4	14	-0.203	-0.54	46	0.79	0.66	-0.10	0.113	-0.146	114.51	86.35	173.53
4%		16	-2.9	83	121	38	74	11	10	4	13	-0.182	-0.52	45	0.76	0.61	-0.10	0.100	-0.133	111.15	84.82	167.82
5%		16	-2.6	82	119	38	73	11	10	4	13	-0.160	-0.51	43	0.73	0.57	-0.09	0.093	-0.121	107.67	83.55	161.98
10%		14	-1.7	77	113	35	70	10	8	3	11	-0.106	-0.46	39	0.65	0.44	-0.08	0.068	-0.080	96.11	79.36	145.29
15%		13	-1.2	74	109	33	67	9	7	3	10	-0.074	-0.42	36	0.60	0.36	-0.08	0.052	-0.060	86.64	76.48	134.28
20%		12	-0.7	72	106	32	66	9	6	2	9	-0.056	-0.39	34	0.57	0.29	-0.08	0.038	-0.044	80.27	74.29	126.48
25%		12	-0.4	71	103	31	64	8	6	2	8	-0.043	-0.37	33	0.53	0.23	-0.07	0.026	-0.033	75.58	72.40	119.14
30%		11	-0.1	69	100	30	63	8	5	2	8	-0.033	-0.35	31	0.50	0.18	-0.07	0.015	-0.025	71.65	70.75	112.92
35%		11	0.2	68	98	29	62	8	5	1	7	-0.024	-0.32	30	0.48	0.13	-0.06	0.006	-0.019	68.06	69.24	107.52
40%		10	0.5	66	96	28	60	7	4	1	6	-0.015	-0.30	28	0.45	0.08	-0.06	-0.002	-0.014	64.68	67.87	102.05
45%		10	0.7	65	94	27	59	7	4	1	6	-0.008	-0.28	27	0.43	0.03	-0.06	-0.010	-0.008	61.37	66.60	96.08
50%		9	1.0	64	92	26	58	6	3	1	5	-0.001	-0.27	26	0.41	-0.02	-0.05	-0.018	-0.003	58.46	65.42	90.75
55%		9	1.2	63	90	26	57	6	3	1	5	0.005	-0.25	24	0.38	-0.05	-0.05	-0.025	0.002	55.49	64.25	85.45
60%		8	1.4	61	88	25	56	6	2	0	4	0.012	-0.23	23	0.36	-0.09	-0.04	-0.031	0.006	52.29	63.07	79.15
65%		8	1.7	60	85	24	55	5	2	0	4	0.021	-0.21	22	0.34	-0.12	-0.04	-0.039	0.011	49.41	61.94	73.63
70%		8	2.0	58	83	23	54	5	1	0	3	0.031	-0.19	20	0.31	-0.15	-0.04	-0.045	0.017	46.19	60.74	67.82
75%		7	2.2	57	81	22	52	4	1	0	3	0.043	-0.17	19	0.28	-0.18	-0.03	-0.052	0.024	42.70	59.54	61.46
80%		7	2.5	55	78	21	51	4	0	0	2	0.059	-0.14	17	0.25	-0.21	-0.03	-0.060	0.034	38.96	58.22	54.21
85%		6	2.9	53	75	20	49	3	0	-1	2	0.080	-0.11	14	0.21	-0.24	-0.02	-0.069	0.047	34.96	56.77	46.11
90%		5	3.4	50	70	18	47	2	-1	-1	1	0.115	-0.07	12	0.16	-0.27	-0.01	-0.080	0.064	29.77	54.95	36.94
95%		4	4.2	46	64	15	44	0	-2	-2	0	0.175	-0.02	7	0.08	-0.31	0.00	-0.095	0.096	22.65	52.46	23.86

Includes all active animals that meet the listing qualifications regardless of Gelbvieh

Spring 2017 Active Dams



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 303.465.BEEF (2333)
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Spring 2017 International Cattle Evaluation

Statistical Breakdown

Non-Parents																						
		Expected Progeny Differences																	Index Values			
		Growth and Maternal										Intake and Carcass										
		CED	BW	WW	YW	MK	TM	CEM	HP	PG30	ST	DMI	YG	CW	RE	MB	FT	ADG	RFI	\$Cow	FPI	EPI
Num Animals		84207	84211	84211	84211	84211	84211	84207	82253	82253	81768	6834	84170	84205	84205	84205	84205	6834	6834	13436	79567	13443
High		28	11.1	130	200	55	103	18	17	7	26	2.688	0.44	93	1.70	1.83	0.15	0.414	1.180	182.02	124.15	333.20
Average		11	0.5	68	99	28	62	6	4	1	6	0.014	-0.28	29	0.44	0.12	-0.04	0.004	-0.013	64.50	70.99	110.94
Low		-9	-10.0	12	3	0	20	-14	-8	-4	-6	-2.106	-0.82	-31	-0.75	-0.64	-0.25	-0.388	-0.919	-11.53	32.89	-107.51
1%		20	-4.7	97	143	42	84	13	11	4	16	-1.015	-0.59	56	0.99	0.86	-0.11	0.187	-0.378	130.16	101.53	208.23
2%		19	-4.0	93	137	40	80	12	10	4	15	-0.808	-0.55	53	0.91	0.76	-0.10	0.156	-0.285	119.89	96.93	191.46
3%		18	-3.5	91	133	39	78	12	9	4	14	-0.656	-0.53	50	0.86	0.70	-0.09	0.140	-0.232	115.17	94.37	182.64
4%		17	-3.2	89	130	38	77	11	9	4	13	-0.561	-0.52	49	0.82	0.66	-0.09	0.128	-0.204	111.29	92.35	173.37
5%		17	-2.9	87	128	37	76	11	8	3	13	-0.484	-0.50	47	0.79	0.63	-0.08	0.120	-0.179	107.57	90.70	168.87
10%		15	-2.1	82	121	35	73	10	7	3	11	-0.255	-0.46	43	0.70	0.51	-0.07	0.092	-0.123	96.02	85.48	154.40
15%		14	-1.5	79	116	34	70	9	7	3	10	-0.149	-0.43	40	0.64	0.43	-0.07	0.076	-0.096	88.76	82.05	145.59
20%		14	-1.1	77	113	32	68	9	6	2	9	-0.103	-0.40	38	0.60	0.37	-0.06	0.063	-0.078	83.23	79.47	139.37
25%		13	-0.8	75	110	31	67	8	6	2	8	-0.073	-0.38	36	0.57	0.31	-0.06	0.051	-0.062	78.48	77.41	134.28
30%		12	-0.5	73	107	30	66	8	5	2	8	-0.050	-0.36	34	0.54	0.26	-0.06	0.040	-0.049	74.52	75.53	129.32
35%		12	-0.2	72	105	30	64	8	5	2	7	-0.034	-0.34	33	0.51	0.22	-0.05	0.030	-0.037	71.02	73.85	125.13
40%		12	0.1	70	103	29	63	7	4	1	7	-0.019	-0.32	32	0.49	0.17	-0.05	0.022	-0.026	67.64	72.37	122.08
45%		11	0.3	69	101	28	62	7	4	1	6	-0.005	-0.30	30	0.46	0.13	-0.04	0.014	-0.018	64.65	70.98	118.27
50%		11	0.5	68	99	27	61	7	4	1	6	0.008	-0.29	29	0.44	0.08	-0.04	0.003	-0.008	61.85	69.60	114.95
55%		10	0.8	67	97	27	60	6	3	1	5	0.021	-0.27	28	0.42	0.04	-0.04	-0.006	0.001	59.08	68.31	110.89
60%		10	1.0	65	95	26	59	6	3	1	5	0.036	-0.25	27	0.39	0.00	-0.03	-0.015	0.009	56.28	67.04	106.82
65%		9	1.3	64	93	25	58	6	3	1	4	0.054	-0.23	25	0.37	-0.04	-0.03	-0.024	0.018	53.51	65.77	102.75
70%		9	1.5	63	90	25	57	5	2	0	4	0.072	-0.21	24	0.34	-0.08	-0.03	-0.034	0.027	50.67	64.56	97.66
75%		8	1.8	61	88	24	56	5	2	0	3	0.098	-0.19	22	0.31	-0.11	-0.02	-0.043	0.041	47.95	63.32	91.78
80%		8	2.1	60	85	23	55	4	2	0	3	0.137	-0.17	20	0.28	-0.14	-0.02	-0.053	0.055	44.74	61.99	84.62
85%		7	2.4	57	82	22	53	4	1	0	2	0.201	-0.14	18	0.24	-0.18	-0.01	-0.065	0.071	40.85	60.49	74.07
90%		7	2.9	55	78	20	51	3	0	0	2	0.308	-0.11	16	0.19	-0.22	0.00	-0.080	0.098	36.65	58.65	60.63
95%		6	3.6	51	72	18	48	1	0	-1	1	0.506	-0.06	12	0.12	-0.26	0.01	-0.108	0.142	31.18	55.99	37.48

Includes all active animals that meet the listing qualifications regardless of Gelbvieh

Spring 2017 Non-Parents