



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Active Sires																							
		Expected Progeny Differences																			Index Values		
		Growth and Maternal										Intake and Carcass											
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI
Num Animals		3107	3107	3107	3107	3107	3107	3107	3102	3102	3107	3107	1816	3107	3107	3107	3107	3107	1816	1816	1820	3107	1820
High		28	10.5	107	168	43	78	17	22	10	25	24	2.305	0.36	95	1.34	1.10	0.10	0.387	0.549	177.04	114.37	309.87
Average		12	0.6	65	95	22	54	6	5	1	15	12	0.016	-0.33	18	0.63	0.15	-0.06	-0.022	-0.010	104.12	71.28	81.09
Low		-7	-6.8	29	31	1	27	-9	-12	-7	1	-5	-2.005	-0.82	-20	-0.26	-0.38	-0.20	-0.213	-0.807	20.39	41.07	-77.67
1%		22	-4.1	87	136	35	68	13	14	6	22	19	-0.575	-0.66	51	1.11	0.77	-0.14	0.181	-0.339	149.94	92.20	221.88
2%		20	-3.3	85	130	33	67	12	13	5	21	18	-0.310	-0.63	47	1.06	0.69	-0.13	0.136	-0.247	144.45	89.70	188.83
3%		19	-2.8	82	126	32	65	12	12	5	21	18	-0.255	-0.60	45	1.03	0.64	-0.13	0.109	-0.195	141.31	87.94	172.26
4%		19	-2.5	81	123	31	64	11	12	4	20	17	-0.199	-0.58	43	1.00	0.60	-0.13	0.095	-0.148	139.65	86.36	161.17
5%		18	-2.2	80	121	31	64	11	11	4	20	17	-0.172	-0.57	41	0.98	0.57	-0.12	0.080	-0.118	137.15	85.27	153.25
10%		17	-1.5	76	115	29	62	10	10	3	19	16	-0.077	-0.53	35	0.90	0.47	-0.11	0.047	-0.060	130.09	81.40	133.49
15%		16	-1.0	74	111	28	61	9	8	3	18	15	-0.048	-0.50	31	0.86	0.39	-0.11	0.030	-0.041	125.49	79.49	121.99
20%		15	-0.7	72	108	27	59	8	8	2	18	14	-0.034	-0.48	29	0.82	0.34	-0.10	0.018	-0.030	121.85	77.75	114.59
25%		15	-0.4	71	105	26	58	8	7	2	17	14	-0.025	-0.46	26	0.79	0.29	-0.10	0.008	-0.023	118.97	76.46	106.88
30%		14	-0.1	70	103	25	57	7	6	2	17	14	-0.019	-0.44	24	0.75	0.25	-0.09	0.000	-0.018	115.68	75.21	101.08
35%		14	0.1	68	101	24	56	7	6	1	16	13	-0.012	-0.43	22	0.72	0.21	-0.09	-0.007	-0.013	112.59	74.16	95.33
40%		13	0.3	67	99	24	56	7	5	1	16	13	-0.006	-0.41	20	0.70	0.17	-0.08	-0.013	-0.009	109.50	73.08	89.32
45%		13	0.5	66	97	23	55	6	5	1	15	12	-0.001	-0.39	19	0.67	0.14	-0.08	-0.022	-0.006	107.10	72.05	83.55
50%		12	0.7	65	95	22	54	6	4	0	15	12	0.003	-0.36	17	0.64	0.11	-0.07	-0.029	-0.003	104.36	70.94	77.76
55%		12	0.8	64	93	21	53	6	4	0	15	12	0.008	-0.34	16	0.61	0.09	-0.07	-0.034	-0.000	102.17	69.99	72.06
60%		11	1.0	62	91	21	53	5	4	0	14	11	0.013	-0.30	14	0.58	0.06	-0.06	-0.040	0.003	99.39	68.90	66.92
65%		11	1.3	61	89	20	52	5	3	0	14	11	0.018	-0.26	13	0.55	0.03	-0.05	-0.047	0.006	96.71	67.84	62.05
70%		10	1.5	60	87	19	51	5	3	0	13	10	0.026	-0.22	11	0.52	0.01	-0.04	-0.053	0.010	93.96	66.87	55.87
75%		10	1.7	59	85	18	50	4	2	-1	13	10	0.035	-0.19	9	0.49	-0.02	-0.03	-0.062	0.016	90.84	65.69	50.08
80%		9	2.0	57	82	18	49	4	1	-1	12	9	0.048	-0.16	7	0.45	-0.04	-0.02	-0.069	0.023	87.94	64.42	44.69
85%		9	2.3	55	79	16	48	3	1	-1	12	9	0.064	-0.12	5	0.40	-0.08	-0.02	-0.079	0.031	82.59	62.85	37.86
90%		8	2.7	53	75	15	47	2	0	-2	11	8	0.098	-0.07	2	0.34	-0.11	-0.01	-0.088	0.042	76.87	61.14	30.38
95%		6	3.4	50	68	13	45	1	-2	-2	9	6	0.281	-0.01	-3	0.24	-0.16	0.01	-0.104	0.079	68.62	58.85	17.01

Active Sires are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB, PB, BA, PC or HB



Statistical Breakdown

Active Dams																							
		Expected Progeny Differences																			Index Values		
		Growth and Maternal											Intake and Carcass										
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI
Num Animals		38395	38395	38395	38395	38395	38395	38395	38387	38387	38395	38395	17158	38395	38395	38395	38395	38395	17158	17158	17161	38395	17161
High		27	8.5	97	146	44	80	17	20	9	27	26	2.399	0.30	73	1.29	1.02	0.07	0.233	0.779	173.56	97.20	268.95
Average		12	0.6	61	88	23	54	6	4	1	15	11	0.006	-0.31	15	0.57	0.15	-0.06	-0.026	-0.004	105.82	68.76	73.33
Low		-2	-8.1	22	13	0	19	-10	-11	-7	1	-16	-1.577	-0.75	-25	-0.33	-0.70	-0.17	-0.256	-0.737	10.76	45.19	-98.70
1%		19	-3.9	79	120	35	67	12	13	5	22	18	-0.270	-0.60	42	0.99	0.68	-0.13	0.100	-0.183	146.34	86.10	164.57
2%		18	-3.2	77	116	33	66	11	12	5	21	17	-0.193	-0.57	38	0.94	0.61	-0.12	0.080	-0.141	142.11	84.16	153.94
3%		17	-2.8	75	114	32	65	10	11	4	21	16	-0.155	-0.56	36	0.91	0.57	-0.12	0.069	-0.116	138.82	82.86	146.72
4%		17	-2.5	74	112	32	64	10	11	4	20	16	-0.135	-0.55	34	0.89	0.54	-0.12	0.062	-0.103	136.75	81.85	140.32
5%		17	-2.3	73	110	31	63	10	11	4	20	15	-0.117	-0.54	33	0.87	0.51	-0.12	0.055	-0.089	135.03	81.04	135.22
10%		15	-1.5	70	105	30	61	9	9	3	19	14	-0.070	-0.51	29	0.81	0.42	-0.11	0.033	-0.056	129.14	78.19	119.74
15%		15	-1.1	69	102	28	60	8	8	2	18	14	-0.046	-0.49	26	0.77	0.37	-0.10	0.019	-0.040	124.95	76.16	109.51
20%		14	-0.7	67	99	27	59	8	7	2	18	13	-0.032	-0.47	24	0.74	0.32	-0.10	0.010	-0.029	121.61	74.61	101.98
25%		14	-0.4	66	97	27	58	7	6	2	17	13	-0.023	-0.45	22	0.71	0.28	-0.10	0.001	-0.022	118.61	73.25	95.72
30%		13	-0.2	65	95	26	57	7	6	1	17	13	-0.017	-0.44	20	0.68	0.25	-0.09	-0.006	-0.017	115.88	72.09	90.23
35%		13	0.0	64	93	25	56	7	5	1	17	12	-0.012	-0.42	19	0.66	0.22	-0.09	-0.012	-0.012	113.51	71.02	85.50
40%		12	0.3	63	92	25	55	7	5	1	16	12	-0.007	-0.39	17	0.63	0.18	-0.08	-0.018	-0.008	111.00	70.02	80.70
45%		12	0.5	62	90	24	55	6	4	1	16	12	-0.003	-0.36	16	0.61	0.15	-0.07	-0.024	-0.005	108.68	69.07	75.98
50%		12	0.7	61	88	23	54	6	4	1	15	11	0.001	-0.33	15	0.58	0.12	-0.07	-0.030	-0.002	106.35	68.19	71.42
55%		11	0.9	60	87	23	53	6	3	0	15	11	0.006	-0.29	13	0.56	0.09	-0.06	-0.036	0.001	104.10	67.33	66.83
60%		11	1.1	59	85	22	52	5	3	0	15	11	0.010	-0.26	12	0.53	0.07	-0.05	-0.041	0.004	101.72	66.48	62.31
65%		11	1.3	58	83	22	52	5	3	0	14	11	0.015	-0.23	11	0.50	0.04	-0.04	-0.046	0.007	99.30	65.65	57.61
70%		10	1.5	57	82	21	51	5	2	0	14	10	0.021	-0.20	10	0.47	0.02	-0.04	-0.052	0.011	96.68	64.76	52.90
75%		10	1.7	56	80	20	50	4	2	0	13	10	0.029	-0.17	8	0.44	-0.01	-0.03	-0.059	0.016	93.77	63.83	48.32
80%		9	1.9	54	77	19	49	4	1	-1	13	9	0.040	-0.15	7	0.40	-0.03	-0.02	-0.065	0.023	90.62	62.85	43.04
85%		9	2.2	53	75	18	47	3	0	-1	12	9	0.057	-0.12	5	0.35	-0.05	-0.02	-0.072	0.032	86.67	61.70	36.98
90%		8	2.6	51	71	17	46	3	0	-1	11	8	0.082	-0.08	3	0.30	-0.08	-0.01	-0.081	0.045	81.65	60.28	29.84
95%		7	3.3	48	66	15	44	2	-1	-2	10	7	0.135	-0.03	0	0.22	-0.12	0.00	-0.094	0.071	74.43	58.25	20.30

Active Dams are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB, PB, BA, PC or HB



Statistical Breakdown

Non-Parents																							
		Expected Progeny Differences																		Index Values			
		Growth and Maternal										Intake and Carcass											
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI
Num Animals		64454	64454	64454	64454	64454	64454	64454	64396	64396	64454	64454	22264	64454	64454	64454	64454	64454	22264	22264	22264	64450	22264
High		26	10.5	101	161	42	88	16	18	8	25	25	1.909	0.30	76	1.32	1.02	0.08	0.360	0.520	162.88	102.82	280.95
Average		12	0.3	63	93	23	55	6	4	1	15	12	0.017	-0.28	19	0.58	0.20	-0.05	-0.014	-0.007	104.33	71.83	84.69
Low		-4	-8.1	20	24	0	32	-7	-10	-5	2	-14	-2.717	-0.74	-21	-0.55	-0.40	-0.16	-0.396	-0.863	36.85	43.99	-89.62
1%		20	-4.0	82	126	32	66	12	12	4	20	17	-0.619	-0.56	48	0.97	0.69	-0.12	0.151	-0.247	140.03	89.63	181.29
2%		19	-3.3	79	122	31	65	11	11	4	20	16	-0.410	-0.54	43	0.93	0.63	-0.12	0.108	-0.188	136.13	87.39	164.68
3%		18	-2.9	78	119	30	64	11	10	4	19	16	-0.291	-0.53	40	0.90	0.59	-0.11	0.090	-0.157	133.65	86.12	156.82
4%		18	-2.7	77	117	30	63	10	10	3	19	16	-0.214	-0.52	39	0.88	0.57	-0.11	0.079	-0.136	131.82	85.07	150.86
5%		17	-2.5	76	116	29	63	10	10	3	19	15	-0.170	-0.51	37	0.87	0.54	-0.11	0.070	-0.121	130.21	84.22	145.87
10%		16	-1.7	73	110	28	61	9	8	3	18	15	-0.092	-0.48	32	0.81	0.46	-0.10	0.047	-0.070	124.95	81.19	130.66
15%		15	-1.3	71	107	27	60	9	8	2	17	14	-0.057	-0.45	30	0.77	0.41	-0.10	0.033	-0.048	121.09	79.20	121.12
20%		15	-0.9	69	104	26	59	8	7	2	17	14	-0.038	-0.43	27	0.74	0.36	-0.09	0.023	-0.036	118.19	77.62	114.00
25%		14	-0.7	68	102	26	58	8	6	2	17	13	-0.026	-0.41	25	0.71	0.33	-0.08	0.015	-0.028	115.60	76.31	107.75
30%		14	-0.4	67	99	25	57	7	6	1	16	13	-0.017	-0.39	24	0.69	0.29	-0.08	0.007	-0.021	113.23	75.14	102.31
35%		13	-0.2	66	98	25	57	7	6	1	16	13	-0.010	-0.36	22	0.66	0.26	-0.07	0.000	-0.016	111.20	74.09	97.45
40%		13	0.0	65	96	24	56	7	5	1	16	13	-0.005	-0.33	21	0.64	0.23	-0.07	-0.006	-0.011	109.07	73.05	92.66
45%		13	0.2	64	94	24	55	7	5	1	15	12	0.000	-0.30	19	0.62	0.21	-0.06	-0.012	-0.006	107.07	72.14	87.79
50%		12	0.4	63	93	23	55	6	4	1	15	12	0.006	-0.28	18	0.59	0.18	-0.05	-0.018	-0.003	105.14	71.24	83.33
55%		12	0.5	62	91	23	54	6	4	0	15	12	0.011	-0.25	17	0.57	0.15	-0.05	-0.024	0.002	103.18	70.39	78.69
60%		12	0.7	61	89	22	53	6	4	0	14	12	0.018	-0.23	16	0.54	0.13	-0.04	-0.029	0.006	101.04	69.52	74.10
65%		11	0.9	60	88	22	53	5	3	0	14	11	0.025	-0.20	14	0.52	0.10	-0.03	-0.035	0.010	98.82	68.68	69.36
70%		11	1.1	59	86	21	52	5	3	0	14	11	0.034	-0.18	13	0.49	0.08	-0.03	-0.041	0.015	96.50	67.83	64.55
75%		11	1.3	58	84	21	51	5	2	0	13	11	0.045	-0.16	12	0.46	0.05	-0.02	-0.047	0.022	93.93	66.91	59.66
80%		10	1.5	57	82	20	51	4	2	0	13	10	0.060	-0.13	10	0.43	0.03	-0.02	-0.054	0.030	91.20	65.90	54.19
85%		10	1.8	55	79	19	50	4	1	-1	12	10	0.083	-0.11	9	0.39	0.00	-0.01	-0.062	0.040	87.83	64.74	47.75
90%		9	2.2	53	76	18	48	3	1	-1	12	9	0.137	-0.07	6	0.34	-0.03	-0.01	-0.071	0.055	83.45	63.34	40.07
95%		8	2.8	50	71	17	46	3	0	-2	10	8	0.280	-0.02	3	0.27	-0.07	0.01	-0.086	0.081	75.51	61.39	29.19

Active Non-parents are defined as those born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB, PB, BA, PC or HB



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Gelbvieh Active Sires																							
		Expected Progeny Differences																Index Values					
		Growth and Maternal										Intake and Carcass											
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI
Num Animals		1601	1601	1601	1601	1601	1601	1601	1597	1597	1601	1601	1000	1601	1601	1601	1601	1601	1000	1000	1004	1601	1004
High		28	7.3	103	148	39	76	17	22	6	24	24	1.311	-0.17	48	1.33	0.67	-0.03	0.306	0.549	160.06	91.26	242.87
Average		12	1.0	64	92	23	55	5	5	0	15	12	0.002	-0.46	13	0.73	0.01	-0.10	-0.046	-0.009	106.16	67.65	63.25
Low		0	-6.8	29	31	3	35	-9	-12	-7	2	-5	-1.551	-0.82	-20	0.17	-0.38	-0.20	-0.213	-0.524	26.32	41.07	-77.67
1%		21	-3.4	87	130	35	68	13	14	5	22	19	-0.302	-0.68	39	1.15	0.41	-0.15	0.095	-0.247	150.02	83.94	158.06
2%		20	-2.7	84	124	34	67	12	13	4	21	18	-0.227	-0.66	35	1.10	0.35	-0.14	0.062	-0.194	144.57	81.57	148.64
3%		19	-2.2	82	121	32	66	11	13	4	21	18	-0.191	-0.64	34	1.06	0.32	-0.14	0.046	-0.130	141.86	80.59	139.02
4%		18	-2.1	81	119	32	66	11	12	4	20	17	-0.144	-0.62	32	1.04	0.28	-0.13	0.038	-0.111	140.81	79.62	130.77
5%		18	-1.9	80	117	31	65	10	12	3	20	17	-0.123	-0.61	30	1.02	0.26	-0.13	0.032	-0.086	139.37	78.58	126.44
10%		16	-1.0	76	111	30	63	9	10	3	19	16	-0.063	-0.57	27	0.95	0.19	-0.12	0.009	-0.049	131.68	76.40	109.35
15%		16	-0.6	74	108	28	62	8	9	2	18	15	-0.046	-0.54	24	0.91	0.16	-0.12	-0.006	-0.036	127.83	74.79	99.91
20%		15	-0.3	72	105	27	60	8	8	2	18	14	-0.035	-0.52	21	0.88	0.12	-0.11	-0.013	-0.028	124.32	73.53	91.05
25%		14	0.0	71	102	26	59	7	7	1	17	14	-0.026	-0.51	20	0.85	0.09	-0.11	-0.022	-0.023	121.42	72.51	85.76
30%		14	0.2	70	100	26	58	7	7	1	17	14	-0.021	-0.50	18	0.82	0.07	-0.11	-0.029	-0.018	118.97	71.31	79.49
35%		13	0.4	68	98	25	57	7	6	1	16	13	-0.015	-0.49	17	0.80	0.05	-0.10	-0.035	-0.013	116.15	70.26	74.01
40%		13	0.6	67	96	24	56	6	6	1	16	13	-0.010	-0.48	16	0.78	0.04	-0.10	-0.040	-0.009	113.03	69.32	68.75
45%		12	0.8	66	94	24	56	6	5	0	16	12	-0.005	-0.47	14	0.75	0.02	-0.10	-0.045	-0.006	109.58	68.38	64.80
50%		12	1.0	65	92	23	55	6	5	0	15	12	-0.001	-0.46	13	0.73	0.00	-0.10	-0.050	-0.003	106.78	67.49	60.14
55%		11	1.2	63	90	22	54	5	4	0	15	11	0.003	-0.45	12	0.71	-0.01	-0.09	-0.054	-0.001	103.77	66.65	55.00
60%		11	1.4	62	88	21	53	5	4	0	14	11	0.007	-0.44	10	0.68	-0.03	-0.09	-0.060	0.002	101.30	65.84	51.05
65%		10	1.6	61	86	21	52	4	3	0	14	10	0.012	-0.43	8	0.66	-0.05	-0.09	-0.066	0.005	97.90	64.97	47.53
70%		10	1.9	59	84	20	52	4	3	0	13	10	0.016	-0.42	7	0.63	-0.06	-0.09	-0.072	0.008	95.18	64.08	42.95
75%		9	2.1	58	82	19	51	4	2	-1	13	9	0.022	-0.40	6	0.60	-0.08	-0.08	-0.078	0.012	92.26	62.94	38.65
80%		9	2.3	56	79	18	50	3	2	-1	12	9	0.031	-0.39	4	0.57	-0.10	-0.08	-0.083	0.019	89.54	61.83	34.30
85%		8	2.6	55	76	17	49	3	1	-1	12	8	0.042	-0.38	1	0.54	-0.13	-0.08	-0.090	0.025	84.75	60.70	28.70
90%		7	3.0	52	71	16	47	2	0	-2	11	7	0.060	-0.36	-2	0.50	-0.16	-0.07	-0.099	0.033	79.21	59.13	20.81
95%		6	3.7	48	65	14	44	1	-2	-3	10	6	0.106	-0.33	-6	0.43	-0.20	-0.06	-0.112	0.050	70.23	56.71	9.41

Gelbvieh Active Sires are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB or PB



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Gelbvieh Active Dams																									
		Expected Progeny Differences																		Index Values					
		Growth and Maternal										Intake and Carcass													
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI		
Num Animals		16169	16169	16169	16169	16169	16169	16169	16168	16168	16169	16169	7589	16169	16169	16169	16169	16169	7589	7589	7589	16169	7589		
High		24	8.5	97	144	43	80	16	20	7	26	26	0.866	-0.06	46	1.28	0.56	-0.01	0.226	0.482	163.96	87.19	225.87		
Average		11	1.0	61	85	24	54	5	4	0	16	11	-0.003	-0.46	10	0.70	-0.01	-0.10	-0.052	-0.007	108.02	64.68	54.08		
Low		-2	-8.1	23	24	0	28	-8	-11	-7	4	-14	-1.026	-0.75	-25	0.16	-0.70	-0.17	-0.245	-0.374	37.44	45.19	-82.00		
1%		19	-3.3	78	116	35	68	11	14	4	22	18	-0.210	-0.62	30	1.04	0.28	-0.14	0.042	-0.160	146.62	77.52	130.42		
2%		18	-2.7	76	112	34	66	10	13	4	21	17	-0.160	-0.60	28	0.99	0.23	-0.13	0.028	-0.120	142.78	75.80	117.92		
3%		17	-2.2	75	109	33	65	10	12	4	21	16	-0.134	-0.59	26	0.96	0.20	-0.13	0.019	-0.100	140.07	74.70	110.36		
4%		16	-2.0	74	108	32	64	9	12	3	20	16	-0.116	-0.58	25	0.94	0.19	-0.12	0.013	-0.088	138.01	73.97	105.82		
5%		16	-1.7	73	106	32	64	9	11	3	20	15	-0.100	-0.57	24	0.93	0.17	-0.12	0.008	-0.078	136.56	73.28	102.52		
10%		15	-1.0	70	101	30	62	8	9	2	19	14	-0.058	-0.54	20	0.87	0.12	-0.12	-0.007	-0.047	130.88	71.24	89.92		
15%		14	-0.5	68	98	29	60	8	8	2	19	14	-0.040	-0.53	18	0.84	0.09	-0.11	-0.017	-0.034	127.13	69.89	82.86		
20%		13	-0.2	67	96	28	59	7	8	2	18	13	-0.029	-0.51	17	0.81	0.07	-0.11	-0.025	-0.026	123.93	68.87	76.72		
25%		13	0.1	66	94	27	58	7	7	1	18	13	-0.023	-0.50	15	0.78	0.05	-0.11	-0.031	-0.021	121.16	67.95	71.62		
30%		13	0.3	64	92	26	57	6	6	1	17	13	-0.018	-0.50	14	0.77	0.04	-0.11	-0.036	-0.016	118.10	67.17	66.89		
35%		12	0.5	63	90	26	56	6	6	1	17	12	-0.013	-0.49	13	0.75	0.02	-0.10	-0.041	-0.013	115.66	66.46	62.56		
40%		12	0.7	63	89	25	56	6	5	1	17	12	-0.009	-0.48	12	0.73	0.01	-0.10	-0.045	-0.009	113.32	65.79	58.69		
45%		11	0.9	62	87	24	55	6	5	1	16	12	-0.005	-0.47	11	0.71	0.00	-0.10	-0.050	-0.006	110.95	65.14	55.35		
50%		11	1.1	61	86	24	54	5	4	0	16	11	-0.002	-0.46	10	0.70	-0.01	-0.10	-0.053	-0.004	108.66	64.48	52.09		
55%		11	1.3	60	84	23	53	5	4	0	15	11	0.002	-0.46	9	0.68	-0.02	-0.10	-0.058	-0.001	106.20	63.88	48.86		
60%		10	1.5	59	82	23	52	5	3	0	15	10	0.006	-0.45	8	0.66	-0.03	-0.09	-0.062	0.001	103.82	63.30	45.46		
65%		10	1.6	58	81	22	52	4	3	0	15	10	0.009	-0.44	7	0.65	-0.04	-0.09	-0.066	0.004	101.27	62.66	42.21		
70%		10	1.8	57	79	21	51	4	2	0	14	10	0.014	-0.43	6	0.63	-0.06	-0.09	-0.070	0.007	98.44	61.99	38.78		
75%		9	2.1	56	77	21	50	4	2	-1	14	9	0.019	-0.42	5	0.61	-0.07	-0.09	-0.074	0.011	95.79	61.26	34.95		
80%		9	2.3	54	75	20	49	3	1	-1	13	9	0.026	-0.41	3	0.59	-0.08	-0.09	-0.079	0.015	92.52	60.46	30.94		
85%		8	2.6	53	72	19	48	3	1	-1	13	8	0.035	-0.40	2	0.56	-0.10	-0.08	-0.084	0.022	88.72	59.50	26.48		
90%		8	3.0	51	69	18	46	2	0	-2	12	8	0.053	-0.39	0	0.53	-0.13	-0.08	-0.091	0.031	84.04	58.34	21.24		
95%		7	3.7	48	63	16	44	1	-1	-2	11	6	0.084	-0.36	-3	0.48	-0.16	-0.07	-0.105	0.046	77.39	56.56	11.63		

Gelbvieh Active Dams are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB or PB



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Gelbvieh Non-Parents																									
		Expected Progeny Differences																		Index Values					
		Growth and Maternal										Intake and Carcass													
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI		
Num Animals		22119	22119	22119	22119	22119	22119	22119	22118	22118	22119	22119	7687	22119	22119	22119	22119	22119	7687	7687	7687	22118	7687		
High		26	7.9	97	153	39	75	16	18	6	24	25	1.829	-0.13	53	1.32	0.67	-0.02	0.338	0.520	159.07	91.52	276.96		
Average		12	0.7	62	89	24	55	6	5	1	15	12	0.004	-0.44	13	0.71	0.03	-0.09	-0.041	-0.010	109.00	67.36	64.54		
Low		-1	-8.1	25	24	1	32	-7	-7	-5	6	-13	-1.889	-0.74	-21	0.06	-0.40	-0.16	-0.273	-0.684	51.43	43.99	-56.44		
1%		19	-3.4	80	118	32	66	11	13	4	21	17	-0.355	-0.60	32	1.02	0.32	-0.13	0.090	-0.203	142.87	79.54	150.09		
2%		18	-2.8	78	114	31	65	10	12	4	20	16	-0.204	-0.58	30	0.98	0.28	-0.12	0.051	-0.161	139.14	78.04	138.87		
3%		18	-2.4	77	112	31	64	10	12	3	19	16	-0.157	-0.56	28	0.95	0.25	-0.12	0.037	-0.139	136.63	77.08	129.79		
4%		17	-2.1	75	110	30	64	9	11	3	19	16	-0.141	-0.55	27	0.93	0.24	-0.12	0.030	-0.124	135.11	76.42	121.86		
5%		17	-1.9	74	109	30	63	9	11	3	19	15	-0.123	-0.55	26	0.92	0.22	-0.12	0.022	-0.112	133.63	75.83	117.08		
10%		16	-1.2	72	104	29	61	8	9	2	18	15	-0.069	-0.52	23	0.87	0.17	-0.11	0.003	-0.056	128.22	73.83	101.38		
15%		15	-0.7	70	101	28	60	8	8	2	18	14	-0.046	-0.51	21	0.84	0.13	-0.11	-0.008	-0.041	125.07	72.48	93.46		
20%		14	-0.4	68	99	27	59	7	8	2	17	14	-0.032	-0.49	19	0.81	0.11	-0.10	-0.016	-0.032	122.07	71.42	86.93		
25%		14	-0.2	67	97	26	58	7	7	1	17	13	-0.023	-0.48	18	0.79	0.09	-0.10	-0.022	-0.026	119.72	70.54	81.26		
30%		13	0.1	66	95	26	58	7	7	1	17	13	-0.017	-0.48	17	0.77	0.08	-0.10	-0.027	-0.021	117.49	69.76	76.59		
35%		13	0.2	65	93	25	57	6	6	1	16	13	-0.012	-0.47	16	0.76	0.06	-0.10	-0.032	-0.016	115.46	69.11	71.85		
40%		13	0.4	64	92	25	56	6	6	1	16	12	-0.008	-0.46	15	0.74	0.05	-0.10	-0.037	-0.011	113.50	68.46	68.01		
45%		12	0.6	63	90	24	56	6	5	1	16	12	-0.004	-0.45	14	0.72	0.04	-0.09	-0.041	-0.008	111.53	67.86	64.24		
50%		12	0.8	62	89	24	55	6	5	0	16	12	-0.000	-0.44	13	0.71	0.02	-0.09	-0.044	-0.005	109.42	67.27	60.80		
55%		12	0.9	62	87	24	54	5	5	0	15	12	0.004	-0.44	12	0.69	0.01	-0.09	-0.048	-0.001	107.38	66.65	57.90		
60%		11	1.1	61	86	23	54	5	4	0	15	11	0.008	-0.43	11	0.68	0.00	-0.09	-0.052	0.002	105.39	66.03	54.56		
65%		11	1.3	60	84	23	53	5	4	0	15	11	0.013	-0.42	10	0.66	-0.01	-0.09	-0.056	0.005	103.16	65.39	51.06		
70%		11	1.5	59	83	22	53	5	3	0	14	11	0.019	-0.41	9	0.64	-0.02	-0.08	-0.060	0.009	100.77	64.72	47.89		
75%		10	1.7	58	81	22	52	4	3	0	14	10	0.025	-0.40	8	0.63	-0.04	-0.08	-0.064	0.013	98.35	64.01	44.49		
80%		10	1.9	56	79	21	51	4	3	-1	13	10	0.034	-0.39	6	0.61	-0.05	-0.08	-0.069	0.019	95.63	63.22	40.69		
85%		9	2.2	55	77	20	50	4	2	-1	13	9	0.047	-0.37	5	0.58	-0.07	-0.08	-0.073	0.026	92.53	62.39	36.92		
90%		9	2.5	53	74	19	49	3	1	-1	12	9	0.066	-0.36	3	0.55	-0.09	-0.07	-0.081	0.036	88.58	61.19	31.83		
95%		8	3.1	50	69	18	47	2	0	-2	12	8	0.148	-0.33	0	0.51	-0.12	-0.07	-0.092	0.054	83.21	59.39	24.06		

Gelbvieh Active Non-parents are defined as those born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of FB or PB



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Balancer Active Sires																							
		Expected Progeny Differences																			Index Values		
		Growth and Maternal										Intake and Carcass											
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI
Num Animals	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	744	1277	1277	1277	1277	1277	744	744	744	1277	744	
High	26	10.5	107	163	39	71	16	17	10	25	23	2.305	0.19	64	1.24	0.98	0.06	0.387	0.431	177.04	104.09	309.87	
Average	13	0.2	65	98	21	54	7	4	1	15	12	0.036	-0.18	23	0.52	0.30	-0.03	0.010	-0.011	102.02	75.14	103.81	
Low	-7	-5.7	39	54	1	36	-6	-8	-7	2	-5	-2.005	-0.57	-19	-0.25	-0.20	-0.11	-0.209	-0.807	26.04	54.45	-43.31	
1%	22	-4.3	87	137	32	66	13	13	6	22	19	-1.189	-0.45	52	1.05	0.79	-0.09	0.237	-0.497	149.94	93.11	260.08	
2%	20	-3.6	85	130	31	64	12	12	6	21	18	-0.484	-0.42	49	0.97	0.73	-0.08	0.190	-0.339	143.40	90.76	225.31	
3%	20	-3.1	82	127	30	64	12	11	5	21	18	-0.330	-0.39	47	0.90	0.69	-0.08	0.155	-0.251	139.65	90.05	211.39	
4%	19	-2.9	81	124	30	63	12	11	5	20	17	-0.273	-0.38	46	0.88	0.65	-0.08	0.132	-0.201	136.67	88.72	191.62	
5%	19	-2.5	80	122	29	62	11	10	5	20	17	-0.248	-0.37	45	0.86	0.63	-0.07	0.120	-0.178	134.76	88.02	179.42	
10%	17	-1.8	76	117	28	60	10	9	4	19	16	-0.096	-0.33	39	0.79	0.54	-0.06	0.080	-0.085	126.53	84.32	151.68	
15%	16	-1.4	74	113	27	59	9	8	3	18	15	-0.054	-0.30	36	0.74	0.50	-0.06	0.059	-0.049	122.02	82.29	138.05	
20%	16	-1.1	72	109	26	58	9	7	3	18	14	-0.032	-0.28	34	0.70	0.45	-0.05	0.046	-0.033	118.14	80.91	129.51	
25%	15	-0.8	71	107	25	57	8	6	2	17	14	-0.023	-0.26	31	0.66	0.42	-0.05	0.035	-0.025	114.86	79.74	123.44	
30%	14	-0.5	69	104	24	56	8	6	2	17	14	-0.013	-0.24	30	0.63	0.38	-0.04	0.028	-0.018	111.13	78.81	118.43	
35%	14	-0.3	68	103	23	56	8	5	2	16	13	-0.006	-0.22	28	0.60	0.36	-0.04	0.021	-0.012	109.06	77.73	114.59	
40%	14	-0.1	67	101	23	55	7	5	1	16	13	0.002	-0.21	26	0.58	0.33	-0.04	0.013	-0.009	106.60	76.82	108.74	
45%	13	0.1	66	99	22	54	7	5	1	15	13	0.006	-0.20	24	0.54	0.31	-0.03	0.008	-0.006	104.45	75.81	105.17	
50%	13	0.3	65	98	21	53	7	4	1	15	12	0.013	-0.18	23	0.52	0.28	-0.03	0.003	-0.003	102.56	74.89	101.38	
55%	12	0.5	64	95	21	53	6	4	1	14	12	0.018	-0.17	22	0.49	0.26	-0.03	-0.002	0.000	100.42	73.98	96.90	
60%	12	0.6	63	94	20	52	6	4	0	14	12	0.026	-0.15	20	0.47	0.24	-0.02	-0.008	0.005	98.16	73.15	90.88	
65%	11	0.8	62	92	19	51	6	3	0	14	11	0.035	-0.14	18	0.44	0.21	-0.02	-0.013	0.009	95.64	72.09	86.64	
70%	11	1.0	61	90	18	51	5	3	0	13	11	0.046	-0.12	17	0.41	0.18	-0.02	-0.021	0.015	92.58	71.09	82.15	
75%	11	1.3	59	88	18	50	5	2	-1	13	10	0.061	-0.10	15	0.38	0.16	-0.01	-0.027	0.022	89.70	70.32	76.53	
80%	10	1.6	58	86	17	49	4	2	-1	12	10	0.078	-0.08	13	0.35	0.13	-0.01	-0.033	0.032	86.06	68.92	70.19	
85%	9	1.8	56	83	15	48	4	1	-1	11	9	0.119	-0.06	11	0.30	0.09	0.00	-0.040	0.042	82.02	67.68	63.53	
90%	8	2.2	54	80	14	47	3	0	-2	11	9	0.234	-0.03	8	0.24	0.06	0.01	-0.056	0.065	76.23	66.17	55.30	
95%	7	2.7	51	74	12	45	2	-1	-2	9	7	0.447	0.00	3	0.17	0.00	0.02	-0.073	0.107	68.08	63.47	44.38	

Balancer Active Sires are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of BA



Statistical Breakdown

Balancer Active Dams																									
		Expected Progeny Differences																		Index Values					
		Growth and Maternal										Intake and Carcass													
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI		
Num Animals		18404	18404	18404	18404	18404	18404	18404	18398	18398	18404	18404	8620	18404	18404	18404	18404	18404	8620	8620	8623	18404	8623		
High		27	7.5	92	146	44	78	17	18	9	27	24	2.399	0.26	73	1.29	1.02	0.07	0.233	0.779	173.56	97.20	268.95		
Average		12	0.3	61	91	23	54	6	4	1	15	12	0.013	-0.19	19	0.47	0.27	-0.03	-0.006	-0.002	104.50	72.26	88.90		
Low		-1	-7.8	22	13	2	23	-10	-10	-7	1	-13	-1.577	-0.56	-17	-0.22	-0.33	-0.15	-0.256	-0.737	10.76	47.00	-98.70		
1%		19	-4.1	79	122	34	67	12	13	6	22	18	-0.323	-0.43	44	0.88	0.71	-0.09	0.111	-0.201	146.55	87.62	171.95		
2%		18	-3.5	77	118	33	65	11	12	5	21	17	-0.216	-0.40	41	0.82	0.66	-0.08	0.093	-0.151	141.69	85.74	160.86		
3%		18	-3.1	76	116	32	64	11	11	5	21	16	-0.169	-0.39	39	0.80	0.62	-0.08	0.081	-0.128	137.76	84.60	154.50		
4%		17	-2.8	75	114	31	64	10	11	4	20	16	-0.146	-0.38	37	0.77	0.59	-0.08	0.075	-0.111	135.53	83.73	149.95		
5%		17	-2.6	74	113	31	63	10	10	4	20	16	-0.127	-0.37	36	0.76	0.57	-0.07	0.069	-0.099	133.54	82.97	145.85		
10%		16	-1.8	71	108	29	61	9	9	3	19	15	-0.075	-0.33	32	0.69	0.49	-0.07	0.049	-0.062	127.11	80.58	130.68		
15%		15	-1.4	69	105	28	59	9	8	3	18	14	-0.049	-0.31	29	0.65	0.44	-0.06	0.037	-0.044	123.05	78.91	122.16		
20%		15	-1.0	68	102	27	58	8	7	2	18	14	-0.033	-0.29	27	0.62	0.40	-0.06	0.026	-0.032	119.61	77.57	114.92		
25%		14	-0.8	66	100	26	58	8	6	2	17	13	-0.023	-0.26	25	0.59	0.37	-0.05	0.019	-0.024	116.77	76.39	108.77		
30%		14	-0.5	65	98	26	57	8	6	2	17	13	-0.016	-0.25	24	0.56	0.35	-0.05	0.013	-0.017	114.25	75.40	103.75		
35%		13	-0.3	64	96	25	56	7	5	2	16	13	-0.009	-0.23	23	0.54	0.32	-0.04	0.007	-0.012	111.68	74.50	99.12		
40%		13	-0.1	63	95	24	55	7	5	1	16	12	-0.004	-0.22	21	0.52	0.30	-0.04	0.001	-0.007	109.36	73.60	95.22		
45%		12	0.1	62	93	24	55	7	4	1	16	12	0.001	-0.20	20	0.49	0.28	-0.04	-0.004	-0.004	107.02	72.73	91.36		
50%		12	0.3	61	91	23	54	6	4	1	15	12	0.005	-0.19	19	0.47	0.26	-0.03	-0.008	-0.000	104.95	71.96	87.83		
55%		12	0.5	61	90	23	53	6	3	1	15	11	0.011	-0.17	18	0.45	0.24	-0.03	-0.013	0.003	102.70	71.17	84.02		
60%		11	0.7	60	88	22	52	6	3	0	15	11	0.016	-0.16	17	0.43	0.22	-0.03	-0.018	0.007	100.66	70.35	80.21		
65%		11	0.9	59	87	21	52	6	3	0	14	11	0.022	-0.15	15	0.40	0.20	-0.02	-0.023	0.011	98.10	69.51	76.14		
70%		11	1.1	58	85	21	51	5	2	0	14	11	0.031	-0.13	14	0.38	0.18	-0.02	-0.028	0.016	95.70	68.67	71.82		
75%		10	1.3	56	83	20	50	5	2	0	13	10	0.041	-0.12	13	0.35	0.16	-0.02	-0.034	0.022	92.94	67.82	67.25		
80%		10	1.6	55	81	19	49	4	1	-1	13	10	0.055	-0.10	11	0.32	0.14	-0.01	-0.040	0.031	89.86	66.87	62.63		
85%		9	1.9	54	78	18	48	4	1	-1	12	9	0.075	-0.08	10	0.29	0.11	-0.01	-0.047	0.041	85.68	65.83	56.62		
90%		8	2.2	52	75	17	46	3	0	-1	11	9	0.104	-0.05	7	0.24	0.08	0.00	-0.057	0.058	80.52	64.50	49.32		
95%		7	2.8	49	70	15	44	2	-1	-2	10	8	0.171	-0.01	4	0.18	0.03	0.01	-0.073	0.088	73.55	62.55	37.89		

Balancer Active Dams are defined as those having a progeny born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of BA



International Cattle Evaluation - Run Date: 07/23/2019

Statistical Breakdown

Balancer Non-Parents																									
		Expected Progeny Differences																		Index Values					
		Growth and Maternal										Intake and Carcass													
		CED	BW	WW	YW	Milk	TM	CEM	HP	PG30	STAY	DOC	DMI	YG	CW	CREA	MARB	CFAT	ADG	RFI	Cow	FPI	EPI		
Num Animals		35108	35108	35108	35108	35108	35108	35108	35069	35069	35108	35108	12658	35108	35108	35108	35108	35108	12658	12658	12658	35106	12658		
High		25	10.5	101	157	42	88	16	16	8	25	24	1.883	0.19	76	1.29	1.02	0.06	0.360	0.460	162.88	102.82	280.95		
Average		13	0.1	64	96	23	55	7	4	1	15	12	0.026	-0.19	22	0.52	0.29	-0.03	0.004	-0.006	103.68	74.70	98.61		
Low		-4	-7.5	27	26	0	34	-6	-7	-5	2	-14	-2.717	-0.53	-16	-0.36	-0.31	-0.13	-0.396	-0.863	44.64	52.61	-89.62		
1%		20	-4.1	83	129	32	66	12	11	5	20	17	-0.673	-0.40	49	0.90	0.70	-0.08	0.175	-0.266	137.96	90.47	191.47		
2%		19	-3.5	80	124	31	65	11	10	4	20	16	-0.508	-0.38	45	0.86	0.65	-0.08	0.128	-0.201	133.87	88.66	174.11		
3%		18	-3.1	79	122	30	64	11	10	4	19	16	-0.356	-0.37	43	0.83	0.62	-0.07	0.105	-0.168	131.45	87.28	163.87		
4%		18	-2.8	77	120	29	63	10	9	4	19	16	-0.259	-0.36	41	0.80	0.60	-0.07	0.092	-0.146	129.43	86.44	158.82		
5%		18	-2.6	77	118	29	63	10	9	3	19	15	-0.203	-0.35	40	0.78	0.58	-0.07	0.084	-0.128	127.89	85.68	154.44		
10%		16	-1.9	74	113	28	61	9	8	3	18	15	-0.099	-0.32	35	0.72	0.51	-0.06	0.060	-0.077	122.39	83.06	138.83		
15%		16	-1.5	72	109	27	60	9	7	2	17	14	-0.062	-0.30	33	0.69	0.46	-0.06	0.046	-0.053	118.73	81.30	129.59		
20%		15	-1.2	70	107	26	59	8	7	2	17	14	-0.042	-0.28	30	0.65	0.43	-0.05	0.036	-0.039	115.89	79.96	123.06		
25%		15	-0.9	69	104	26	58	8	6	2	16	13	-0.028	-0.26	29	0.63	0.39	-0.05	0.028	-0.029	113.40	78.81	117.80		
30%		14	-0.6	68	102	25	57	8	6	2	16	13	-0.017	-0.24	27	0.60	0.37	-0.04	0.022	-0.021	111.38	77.79	113.04		
35%		14	-0.4	67	101	25	57	7	5	1	16	13	-0.008	-0.23	26	0.58	0.34	-0.04	0.016	-0.016	109.51	76.87	108.59		
40%		13	-0.2	66	99	24	56	7	5	1	15	13	-0.002	-0.21	24	0.56	0.32	-0.04	0.010	-0.011	107.41	75.99	104.76		
45%		13	-0.1	65	97	24	55	7	5	1	15	12	0.005	-0.20	23	0.54	0.30	-0.03	0.004	-0.006	105.67	75.17	100.94		
50%		13	0.1	64	96	23	55	7	4	1	15	12	0.011	-0.19	22	0.52	0.28	-0.03	-0.000	-0.001	103.98	74.37	97.00		
55%		12	0.3	63	94	23	54	6	4	1	15	12	0.018	-0.17	21	0.50	0.26	-0.03	-0.005	0.003	102.13	73.54	93.31		
60%		12	0.5	62	93	22	54	6	4	0	14	12	0.026	-0.16	19	0.48	0.24	-0.02	-0.010	0.008	100.20	72.72	89.35		
65%		12	0.7	61	91	22	53	6	3	0	14	11	0.035	-0.15	18	0.46	0.22	-0.02	-0.015	0.013	98.14	71.91	85.29		
70%		11	0.9	60	89	21	52	6	3	0	14	11	0.045	-0.13	17	0.43	0.20	-0.02	-0.020	0.020	96.06	71.11	81.12		
75%		11	1.1	59	87	21	52	5	2	0	13	11	0.058	-0.12	16	0.41	0.18	-0.01	-0.026	0.026	93.75	70.25	76.71		
80%		10	1.3	58	85	20	51	5	2	0	13	11	0.077	-0.10	14	0.38	0.15	-0.01	-0.032	0.035	91.37	69.29	72.28		
85%		10	1.6	56	83	19	50	4	2	-1	12	10	0.109	-0.08	13	0.35	0.13	-0.01	-0.040	0.046	88.60	68.22	66.79		
90%		9	1.9	54	80	18	49	4	1	-1	12	10	0.179	-0.05	10	0.30	0.10	0.00	-0.049	0.060	85.01	66.91	60.47		
95%		8	2.5	51	75	16	47	3	0	-1	11	9	0.343	-0.02	7	0.24	0.06	0.01	-0.065	0.088	79.09	64.98	50.15		

Balancer Active Non-parents are defined as those born between January 1, 2016 and Aug 2, 2019 and carries an AGA classification of BA