

Holstein Association Top 100 TPI International Bulls - December 2017

**Reliability of at least 80% traditional OR 85% genomic for production and
Reliability of at least 80% for type in one of the countries included in MACE evaluations**

Rank	Name	%RHA Origin	NAAB	PRODUCTION				HEALTH				CONFORMATION				TPI		
				Pro	Fat	Milk	FE	%R	SCS	PL	LIV	FI	PTAT	%R	UDC		FLC	BWC
1	MR MOGUL DELTA 1427-ET TC TV	100NA USA	203HO01468	55	90	1777	204	99	2.84	9.2	0.9	4.1	1.95	99	2.62	1.41	-1.17	2839G
2	EDG RUBICON- ET TC TV	100NA USA	151HO00681	49	106	1317	201	98	2.84	7.7	0.6	2.9	1.95	97	1.84	2.58	0.42	2799G
3	MR MOGUL DENVER 1426- ET TC TV	100NA USA	151HO00690	71	103	2299	225	94	3.01	5.7	-0.9	1.8	2.16	90	2.62	1.33	0.22	2779G
4	BACON-HILL MONTROSS-ET TR TP	100NA USA	007HO12165	89	83	3024	227	99	3.13	6.2	-0.9	1.7	1.99	99	2.41	1.44	-0.30	2772G
5	MR MOGUL DION 15008-ET TC TV	100NA USA	203HO01470	67	87	1353	226	97	2.70	7.6	1.2	2.5	1.27	95	1.90	0.72	-0.77	2757G
	UECKER SUPERSIRE JOSUPER-ET TC	99I USA	029HO17553	90	103	3209	232	99	2.92	6.5	1.4	1.4	1.36	97	1.03	-0.36	1.22	2757G
7	WOODCREST MOGUL YODER- ET TR TP	100NA USA	007HO12266	49	102	1193	210	99	3.00	7.3	0.5	2.8	1.90	97	2.32	1.49	-0.46	2750G
8	DE-SU ALTALEAF-ET TR TP	99I USA	011HO11478	68	83	2428	184	97	2.74	6.3	1.4	1.5	2.33	91	1.71	1.14	0.77	2689G
9	HAR-DALE- ACRES-JP ALTACR-ET TR	100NA USA	011HO11434	37	86	531	176	98	2.94	7.0	1.9	3.0	1.69	91	2.77	2.04	-0.30	2669G
10	MYR-MATT MOGUL PLATINUM TP TV	100NA USA	001HO11096	58	83	1807	184	98	2.78	6.8	-0.7	2.3	1.93	92	1.58	1.56	0.11	2653G
11	MR COIN DRACO 15006- ET CD TV	100NA USA	151HO00698	57	50	1693	158	96	2.72	10.0	3.8	3.6	1.52	91	2.65	-0.98	-1.19	2649G
12	CO-OP DAY TUFFENUFF-ET TV TL	99I USA	001HO11426	81	77	2784	211	99	2.67	6.6	1.5	0.0	1.67	94	1.88	-0.08	-0.52	2645G
13	EILDON-TWEED SSR BELAIR-ET TR	99I USA	014HO07418	54	81	1363	175	96	3.01	6.6	2.0	2.6	2.06	92	1.71	1.76	0.67	2644G
14	S-S-I MOGUL REFLECTOR TR TP	99I USA	007HO12105	75	44	1847	151	99	2.79	7.1	0.9	3.1	1.76	96	1.62	1.38	1.34	2643G
15	S-S-I EPIC MIDNIGHT-ET TR TP	100NA USA	007HO11946	49	56	1138	146	99	2.73	8.9	4.8	5.8	0.66	96	1.50	0.39	0.01	2641G
16	LARCREST COMMANDER- ET TC TV	99I USA	029HO16909	58	84	1428	190	97	2.84	4.2	-1.7	1.0	2.64	95	2.52	1.39	0.35	2627G
17	SEAGULL-BAY SILVER-ET TC TV	100NA USA	029HO17573	50	87	1220	176	99	2.86	4.7	-1.9	0.1	2.40	97	2.85	2.25	0.78	2608G
18	SEAGULL-BAY SUPERSIRE-ET TR TP	100NA USA	007HO11351	65	101	2070	216	99	2.82	7.1	2.3	1.0	0.88	99	0.63	-0.07	0.12	2607G
19	BACON-HILL MONTY-ET TR TP	100NA USA	014HO07347	60	95	2110	215	94	2.91	5.7	-0.9	-0.1	1.47	91	2.13	1.73	-1.29	2606G
	WINNING-WAY MOONRAKER TC TV	100NA USA	029HO16962	48	83	1346	186	97	3.06	6.6	-0.4	1.8	1.94	91	2.32	1.65	-0.89	2606G
21	COASTAL-VIEW MOOKIE-ET TR TP	100NA USA	014HO07328	30	108	218	194	98	2.97	5.7	0.1	2.0	1.73	93	2.29	1.39	-0.09	2605G
22	CO-OP UPD HUNTER SALVINO TP TV	100NA USA	001HO11022	67	99	1480	234	99	3.01	2.2	-3.8	2.7	1.28	95	1.55	-0.16	-0.38	2603G

23	CO-OP ROBUST CABRIOLET-ET TP	99I	USA	001HO10396	51	98	998	227	99	2.92	7.6	3.7	2.4	-0.07	97	0.74	0.28	-1.69	2600G
24	EILDON-TWEED CHOPS-ET TR TP	100NA	USA	014HO07337	44	81	958	176	95	3.09	4.0	-2.5	2.3	2.49	92	2.81	2.36	-0.32	2598G
25	BACON-HILL MAGUIRE-ET TR TP	100NA	USA	007HO12256	59	112	1566	221	96	2.75	4.9	0.8	-0.7	1.50	91	1.08	0.57	0.65	2591G
26	S-S-I STERLING TRENTON-ET TR	100NA	USA	007HO13094	47	78	466	182	92	2.85	8.7	2.5	1.6	1.59	87	1.62	1.37	0.07	2587G
27	DE-SU 11228 TOPSY-ET TC TV	99I	USA	029HO16667	62	81	1461	187	99	2.72	5.8	-0.2	0.0	1.89	96	1.52	1.29	0.84	2586G
28	ROYLANE BOOKEM BOB 5170-ET TR	99I	USA	007HO11752	56	71	773	178	98	2.97	4.5	-0.1	3.0	1.86	95	1.79	0.88	0.64	2585G
29	SPH MERCURY CO-OP BSF GATEKEEPER-ET CD TP		DEU		34	60	811	150	90	2.66	6.9	-0.6	1.5	1.86	78	3.05	3.17	-1.74	2581M
30	DE-SU ROOKIE 11057-ET TR TP	99I	USA	001HO11327	34	80	602	162	94	2.71	9.4	4.5	3.1	0.81	86	1.04	0.78	-0.37	2575G
31	EDG BLACKGOLD-ET TC TV	99I	USA	007HO11708	46	85	1146	181	95	2.72	6.6	1.5	1.4	1.74	93	1.46	1.08	-0.32	2573G
33	S-S-I SUPERSIRE MODESTO-ET TR	100NA	USA	029HO17550	55	79	1373	187	95	3.17	5.7	1.0	2.8	1.69	90	1.12	1.78	-0.38	2573G
34	DE-SU LTM PONDER 11345-ET TV	99I	USA	007HO13035	64	62	1807	153	96	2.87	7.1	1.0	2.3	1.58	90	1.18	1.00	1.41	2569G
35	MR SHOT DOZER 1491-ET TC TV	100NA	USA	007HO12021	37	43	1393	94	99	2.74	9.6	4.9	8.0	-0.13	96	0.57	0.11	0.54	2567G
37	WESTENRADE ALTASPRING TR TP	100NA	USA	151HO00696	46	35	1333	115	92	2.54	9.7	4.0	3.1	1.17	86	2.49	1.27	-0.40	2562G
38	CO-OP RENEGADE-ET TP TC	99I	USA	011HO11437	46	67	1058	147	98	3.07	5.0	-1.4	2.3	2.09	96	3.11	1.78	0.67	2562G
38	S-S-I BOOKEM MORGAN-ET TR TP	99I	USA	001HO11863	38	78	955	144	96	2.99	4.8	-1.5	1.9	2.92	86	2.12	3.05	0.95	2561G
42	SLO-TRAIN ALTACAIN TR TP	99I	USA	007HO11383	54	63	1577	152	99	2.80	7.0	2.1	3.0	1.53	98	1.18	1.02	0.39	2560G
42	SPRUCE-HAVEN STOIC-ET TP TC	100NA	USA	011HO11337	36	73	641	161	98	2.66	6.1	1.2	3.4	1.43	94	1.74	0.99	-0.72	2560G
42	VIEW-HOME MANDATE-ET TR TP	99I	USA	001HO11048	68	43	1701	159	99	2.74	7.2	2.9	1.0	1.74	95	2.22	1.30	-0.24	2560G
42	REGANCREST BRIGHAM-ET TR TP	100NA	CAN	200HO10196	51	79	1690	178	90	2.70	6.8	1.5	2.2	1.71	86	1.18	-0.17	-0.70	2560G
44	S-S-I SHAMROCK MYSTIC-ET TR TP	100NA	CAN	200HO10079	14	44	580	67	96	2.84	8.4	1.2	6.2	2.79	93	2.77	1.88	0.48	2558G
44	CO-OP PRINCETON-ET TP TC	100NA	USA	007HO11395	43	62	1093	143	96	2.72	8.6	4.9	5.9	0.56	91	0.29	-0.30	0.01	2558G
46	LONE-OAK-ACRES ALTAROBLE-ET TR	99I	USA	001HO11881	71	96	2252	220	94	2.71	5.3	2.0	-1.8	1.51	85	1.52	-0.15	-0.05	2557G
46	EDG SKATEBOARD-ET TR TP	100NA	USA	011HO11380	35	39	979	95	97	2.71	6.7	0.0	3.8	2.68	95	3.11	1.74	0.42	2557G
48	MR OCD ROBUST DONATELLO-ET TR	100NA	CAN	200HO06530	21	102	264	163	97	2.61	4.2	1.1	3.4	1.72	94	1.79	0.52	0.30	2555G
48	COGENT SUPERSHOT TV	100NA	USA	007HO11525	48	74	1180	182	99	2.90	5.3	2.7	3.1	1.06	98	1.26	0.85	-1.31	2555G
48		100NA	GBR	224HO02881	68	48	2246	137	98	2.77	8.7	2.4	2.4	1.34	97	0.94	0.73	1.25	2552G

	TL																			
	MORNINGVIEW																			
	MCC KINGBOY-ET TR	99I	USA	007HO12198	43	49	1373	97	99	2.70	4.4	-1.2	2.7	3.25	99	2.65	1.26	1.96	2552G	
	S-S-I																			
	SNOWMAN																			
	MAYFLOWER-ET TR	100NA	USA	007HO11621	82	56	2653	178	99	2.80	4.5	3.8	1.9	0.95	97	0.67	0.96	0.34	2552G	
51	CO-OP DAY																			
	TWINKIE-ET TP	99I	USA	001HO11425	63	75	2428	183	98	2.72	7.4	1.6	2.1	1.13	91	1.53	-0.75	-0.78	2551G	
	TC																			
52	VIEW-HOME																			
	MONTEREY-ET	99I	USA	029HO16955	38	49	704	117	99	3.01	6.1	0.9	2.2	3.34	97	2.82	1.68	0.50	2549G	
	TC TV																			
53	RICHMOND-FD																			
	EL BOMBERO-ET TR	100NA	CAN	200HO03950	35	65	1479	111	99	2.56	7.6	0.5	3.1	1.97	98	2.01	0.43	1.06	2548G	
54	MR MOVIESTAR																			
	MARDI GRAS-ET TR	100NA	USA	534HO00025	35	65	605	131	97	2.95	5.9	0.1	3.8	1.86	96	2.87	0.96	0.70	2546G	
	S-S-I																			
	SUPERSIRE																			
	BALLGAME-ET TR	100NA	USA	007HO11986	73	96	2242	227	92	2.77	7.0	1.4	1.0	0.71	89	-0.39	-1.06	-0.31	2546G	
56	SANDY-VALLEY																			
	GRAM-ET TR TP	100NA	CAN	200HO09137	32	87	937	161	94	3.08	5.3	0.0	2.3	2.30	91	2.14	2.19	-0.40	2545G	
57	KINGS-RANSOM R																			
	RACKET-ET TR TP	100NA	USA	007HO11519	52	69	958	176	95	2.95	7.0	5.7	1.7	0.80	92	1.24	1.52	-0.37	2541G	
58	WEBB-VUE																			
	SPARK 2060-ET TR TP	100NA	USA	007HO12418	66	65	2427	161	94	2.70	7.3	1.6	0.3	1.60	91	1.65	0.19	0.47	2539G	
59	APRILDAY																			
	EQUINOX 654-ET TR TP	99I	USA	014HO07426	37	100	710	184	90	2.66	8.0	3.2	1.6	0.65	86	1.09	0.39	0.21	2537G	
	CO-OP MOGUL																			
	LAWMAN-ET TP	100NA	USA	001HO11545	64	60	1362	173	99	2.78	3.8	-4.1	1.9	1.84	95	1.62	1.99	0.27	2537G	
	TC																			
61	KINGS-RANSOM REBEL																			
	TC	99I	USA	029HO17561	51	71	1664	178	92	2.95	7.8	2.8	2.4	1.22	87	1.48	0.73	-1.52	2534G	
	LADYS-MANOR																			
	GREGARIOUS-ET TR	100NA	USA	007HO12157	45	78	1028	158	98	3.13	3.9	-2.5	2.9	1.96	93	2.38	2.02	0.87	2534G	
	MR UNO																			
	DESIGN 1428-ET TC TV	100NA	USA	151HO00693	44	51	1173	134	88	2.57	8.4	2.0	2.8	1.75	85	2.00	0.48	-0.40	2534G	
64	S-S-I TWIST																			
	MONARCH-ET TV TL	100NA	USA	007HO11386	43	72	961	146	99	2.86	6.9	3.6	5.2	0.21	93	0.55	1.03	0.99	2529G	
65	SANDY-VALLEY																			
	SALOON-ET TR TP	100NA	CAN	200HO02792	76	85	2251	194	99	3.03	0.9	-1.3	-0.3	2.75	98	1.25	1.03	1.69	2527G	
66	ZIMMERVIEW																			
	MOGUL																			
	BUTLER-ET TR	100NA	USA	007HO12195	62	52	1809	153	98	2.89	6.8	1.0	2.0	1.51	93	1.16	1.74	0.07	2526G	
67	KP-ACK																			
	ALTALEGAL-ET TR TP	100NA	USA	011HO11419	55	82	1624	188	94	2.75	5.9	-0.2	0.4	1.23	87	1.84	0.90	-0.49	2525G	
68	DE-SU 11236																			
	BALISTO-ET TC TV	99I	USA	029HO16714	66	73	893	203	99	2.70	5.0	-1.4	-0.4	1.62	99	1.00	1.66	0.20	2524G	
	RICHMOND-FD																			
	MOGUL LUIS TV TL	100NA	USA	007HO12326	37	87	996	167	92	2.84	6.1	-0.4	1.3	1.80	89	1.65	1.82	-0.16	2524G	
70	VIEW-HOME																			
	UNO IDAHO-ET TV TL	100NA	USA	014HO07420	19	60	-64	116	92	2.64	7.0	0.9	4.3	2.60	87	2.23	0.28	-0.07	2522G	
71	ROYLANE																			
	SOCRA																			
	ROBUST-ET TR TV	100NA	USA	007HO10524	43	71	932	171	99	2.97	6.6	4.5	2.4	0.69	99	1.24	1.60	-1.07	2520G	
	T-SPRUCE																			
	ALTAJAKE-ET TR TP	100NA	USA	011HO11422	26	32	1112	72	96	2.69	8.2	1.8	5.3	2.28	94	2.23	1.96	-0.12	2520G	
73	DELABERGE																			
		100NA	CAN	250HO01118	33	65	255	135	93	2.81	5.8	0.8	1.7	2.35	89	2.79	1.41	0.64	2519G	

	PEPPER-ET TP TV LONE-OAK- ACRES ALTARABO-ET TR	100NA USA	011HO11379 37	69	844	141 96	2.70 5.1	-1.5 1.3	2.19	94	2.87	1.49	0.26	2519G
75	DELABERGE SALT-ETS TR TP	100NA CAN	250HO01131 33	65	255	136 93	2.81 5.8	0.8 1.7	2.29	85	2.82	1.42	0.57	2518G
76	DE-SU SS HONEYBEE 11569-ET TR	99I USA	007HO12212 48	69	1419	148 99	2.81 6.2	1.7 2.0	1.77	95	1.27	0.39	0.60	2517G
	FARNEAR-BH MR MCGIRT-ET TR TP	100NA USA	007HO12131 53	72	1996	137 98	2.80 3.8	-2.8 1.2	1.81	93	2.01	1.96	1.68	2517G
	S-S-I SUPERSIRE TETRIS-ET TR	99I USA	007HO11985 62	87	1989	195 93	2.81 6.8	2.5 0.5	0.75	89	0.85	0.01	0.01	2517G
79	PLAIN-KNOLL DONA BAYONET-ET TR	100NA USA	007HO12236 46	52	1327	129 97	2.96 7.0	4.9 3.7	1.70	94	1.90	0.75	0.23	2516G
80	S-S-I MOGUL MULTIPLY-ET TR TP	99I USA	007HO11915 23	54	33	107 95	2.78 7.3	1.6 3.6	1.31	92	2.43	2.84	0.53	2514G
81	CO-OP DAY TAURINO-ET TP TC	99I USA	001HO11427 34	66	806	141 99	2.79 7.6	1.2 2.7	1.63	91	2.56	0.78	-0.41	2511G
82	DE-SU MGL GARZA 11388- ET TR TP	100NA USA	007HO12024 36	61	1010	113 95	2.82 5.0	0.4 1.7	2.26	93	2.64	2.07	1.34	2508G
83	L-L-M-DAIRY ALTAPONDER- ET TV	99I USA	011HO11287 45	33	1837	99 95	2.69 9.2	4.4 4.3	1.61	92	1.34	1.00	-0.30	2507G
	LADYS-MANOR DOORSOPEN-ET TR TP	99I CAN	200HO10203 34	59	799	111 88	2.46 6.1	0.2 0.3	2.80	85	2.90	1.83	1.29	2506G
	MAPEL WOOD BREWMASTER- ET TR TP	100NA CAN	250HO01009 34	98	882	169 97	2.76 4.6	-0.6 2.0	1.62	94	1.12	1.14	0.52	2506G
	PATOM HEADLINE ZYKE 6479-ET TR	100NA USA	014HO07387 49	58	1489	144 94	2.81 6.0	3.1 2.2	1.45	89	1.74	1.20	-0.17	2506G
	SEAGULL-BAY MVP-ET TC TV	100NA USA	029HO16888 42	68	534	157 98	2.85 5.2	-0.3 1.6	1.94	95	2.28	1.46	0.15	2506G
88	DE-SU 11620 NIRVANA-ET TC TV	100NA USA	029HO16887 64	65	1760	172 96	2.73 5.3	-0.5 -0.1	1.64	89	1.89	0.90	0.23	2505G
	WELCOME SS PETERPAN-ET TR TP	99I USA	007HO12255 76	112	2346	241 97	3.07 2.7	-2.1 -0.9	1.25	93	-0.05	0.80	0.55	2505G
90	LADYS-MANOR OCTOBERFEST- ET TR	99I CAN	200HO06676 53	61	1841	126 92	2.54 7.3	2.6 0.7	1.50	88	1.50	1.04	1.73	2503G
	MOUNTFIELD SSI DCY MOGUL-ET TR	100NA USA	007HO11314 40	78	1236	159 99	3.00 3.9	-3.5 0.4	2.20	99	3.09	2.29	-0.38	2503G
	MR AMERICA EXPLORER-ET RC TP	100NA USA	029HO17636 31	57	829	122 94	2.71 8.9	3.6 3.8	0.90	87	1.63	1.00	-0.30	2503G
	SULLY ROBUST MONOCEROTIS- ET TR	100NA USA	007HO11839 55	56	1691	167 95	2.91 6.5	1.9 2.5	0.91	93	1.33	1.23	-1.60	2503G
94	DE-SU DALIBOR 11639-ET TR TP	99I USA	007HO12337 36	66	635	136 94	2.70 6.7	0.5 4.7	1.14	90	0.99	-0.17	0.52	2502G
95	ST GENOMICPRO DOC-ET TC TV	100NA USA	151HO00656 39	76	1193	158 97	2.78 6.6	2.7 3.0	1.26	88	0.74	0.53	-0.59	2501G
	UNITED-PRIDE MOGUL MAGNATE TP	98I USA	001HO11097 59	57	1793	138 98	3.02 4.8	-0.5 1.1	2.11	92	2.34	1.49	1.29	2501G
97	PLAIN-KNOLL MINDY BEACHHEAD TR	100NA USA	007HO12346 40	66	960	122 94	3.01 5.6	1.6 4.2	1.81	90	1.34	1.12	1.79	2500G
98	RICHMOND-FD JC BARNABY-ET TRANQUILLITY	100NA USA	007HO12168 26	55	631	101 95	2.59 8.8	2.1 3.3	1.65	90	1.92	1.54	0.70	2499G
		100NA USA	147HO02442 30	83	618	161 97	3.07 7.6	3.3 2.5	1.07	96	1.72	1.15	-0.67	2499G

