

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		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	COGENT SUPERSHOT TV TL	100NA	USA	224HO02881	68	48	2246	135	98	2.77	8.7	2.4	2.4	1.67	95	1.11	0.85	1.37	2576G
31	CO-OP BSF GATEKEEPER-ET CD 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
32	DE-SU ROOKIE 11057-ET TR TP	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

	EDG BLACKGOLD-ET TC TV	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	S-S-I SUPERSIRE MODESTO-ET TR	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	DE-SU LTM PONDER 11345-ET 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
36	MR SHOT DOZER 1491-ET TC TV	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
	WESTENRADE ALTASPRING TR TP	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	CO-OP RENEGADE-ET TP TC	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
39	S-S-I BOOKEM MORGAN-ET 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
	SLO-TRAIN ALTACAIN TR TP	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
	SPRUCE-HAVEN STOIC-ET TP TC	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
	VIEW-HOME MANDATE-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
43	REGANCREST BRIGHAM-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
	S-S-I SHAMROCK MYSTIC-ET TR TP	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
45	CO-OP PRINCETON-ET TP TC	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
	LONE-OAK-ACRES ALTAROBLE-ET TR	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
47	EDG SKATEBOARD-ET TR TP	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
	MR OCD ROBUST DONATELLO-ET TR	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
49	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 TC	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
52	VIEW-HOME MONTEREY-ET TC TV	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
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 TC	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
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 PEPPER-ET TP TV	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

	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	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
	TRANQUILLITY AC PRIDE-ET TV TL	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
100	BACON-HILL MILTON-ET	100NA	USA	100HO11515	62	69	2293	177	94	3.12	3.0	-2.5	1.0	1.48	89	2.43	1.89	-0.86	2498G