

Holstein Association Top 100 TPI International Bulls - April 2013

**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	PTAP	PTA%P	PTAF	PTA%F	PTAM	%R	HRDS	SCS	PL	%R	PTAT	%R	UDC	FLC	TPI
1	DE-SU OBSERVER-ET TR TV	100NA	USA	007HO10606	52	0.02	61	0.02	1602	96	115	2.76	7.2	81	2.70	91	3.02	0.89	2332G
2	BADGER-BLUFF FANNY FREDDIE TV	99NA	USA	001HO08784	43	0.02	54	0.03	1236	99	1051	2.70	6.4	89	1.57	98	1.60	2.87	2292G
3	COYNE-FARMS DORCY-ET BY TV	100NA	USA	029HO14142	47	-0.01	48	-0.05	1660	98	248	2.70	4.8	83	2.97	96	3.17	2.97	2251G
4	CO-OP O-STYLE OMAN JUST-ET TR	100NA	USA	001HO09167	56	-0.03	47	-0.11	2155	99	739	2.71	5.4	90	1.48	95	1.21	2.11	2246G
5	CO-OP BOSSIDE MASSEY-ET TV TL	100NA	USA	001HO09527	60	0.08	71	0.09	1283	99	549	2.50	2.9	88	1.84	96	2.14	1.59	2239G
6	LOTTA-HILL SHOTTLE 41-ET TR TV	100NA	USA	001HO09192	41	-0.06	65	-0.02	1900	99	536	2.70	4.2	87	2.54	95	2.94	1.87	2237G
7	LONG-LANGS OMAN OMAN 2-ETN TV	100NA	USA	014HO06429	73	0.13	81	0.13	1262	99	1018	2.91	1.7	88	2.17	98	1.64	1.96	2185G
8	DE-SU GULF-ET TR BY	100NA	USA	007HO10228	40	-0.02	73	0.07	1489	92	68	2.62	3.0	80	2.80	90	3.20	1.70	2178G
9	MORNINGVIEW LEVI TV TL	100NA	USA	029HO13664	54	0.10	68	0.14	876	95	86	2.67	4.2	85	1.40	93	0.54	2.04	2177G
10	ENSENADA TABOO PLANET-ET TR TV	100NA	USA	007HO08081	66	0.00	70	-0.04	2216	99	3780	2.98	6.7	98	1.93	99	1.44	-0.47	2176G
11	SILDAHL JETT AIR-ET B/R TY	100NA	CAN	200HO00528	13	-0.07	58	0.06	1118	95	148	2.64	6.3	81	2.88	95	2.26	2.91	2168G
12	MAINSTREAM MANIFOLD TV TY	100NA	CAN	200HO00402	63	0.05	90	0.10	1687	98	1319	2.92	3.5	86	1.12	95	0.97	0.41	2167G
13	SCHILLVIEW GARRETT-ET TV TL	100NA	USA	029HO13083	46	0.01	52	-0.01	1476	99	1203	2.67	3.9	90	1.76	98	0.97	2.50	2163G
14	DE-SU GILLESPIE-ET BY TV	100NA	USA	029HO14062	59	-0.03	70	-0.06	2303	94	151	2.62	2.8	83	2.89	92	2.37	2.34	2160G
15	FARNEAR-TBR ALTAVALON-ET TV	100NA	USA	011HO10360	26	0.01	36	0.03	759	97	146	2.77	2.8	81	3.20	94	3.23	2.59	2158G
16	DE-SU HISTORY-ET BY TV	97I	USA	029HO14450	58	0.04	84	0.11	1524	93	81	2.80	1.4	79	2.41	90	1.88	2.03	2153G
17	FOXERRY BAX MCNUGGETS-ET TR	100NA	USA	007HO10297	15	-0.06	75	0.14	1038	93	77	2.54	7.4	81	2.04	88	1.64	2.06	2150G
18	MORNINGVIEW ALTALEON-ET TL	100NA	USA	011HO10361	46	-0.09	86	0.00	2369	91	50	2.84	4.9	80	1.84	89	1.52	2.03	2149G
19	REGANCREST ALTAIOTA-ET TV TL	100NA	USA	011HO09647	46	0.06	72	0.13	998	96	111	2.87	2.1	84	2.21	91	1.87	1.24	2149G
20	BOMAZ ALTAMARAUDER-ET TV TL	99I	USA	011HO10519	20	0.06	38	0.12	165	95	112	2.68	5.1	79	2.22	91	2.65	2.06	2143G
21	REGANCREST-PJ TABBER-ET TV TL	100NA	USA	029HO14258	48	0.07	44	0.03	974	94	77	2.80	4.2	81	1.89	92	1.72	2.31	2142G
22	DE-SU WATSON TR TV	100NA	USA	007HO10356	41	0.08	68	0.17	672	92	71	2.57	4.4	80	2.25	90	1.76	1.71	2140G
23	WELCOME GENOMICS-ET TV TL	99I	USA	029HO14422	51	-0.02	96	0.10	1918	91	60	2.89	3.4	81	1.96	86	1.44	1.42	2140G
24	FLEVO GENETICS SNOWMAN-ET TV	100NA	NLD		64	-0.01	75	-0.02	2202	90	503	2.73	1.9	86	2.13	89	1.61	2.52	2135G
25	SPRINGWAY BLVR CHASE-ET TV TL	100NA	USA	029HO14344	52	0.00	65	0.01	1702	95	104	2.61	2.0	81	2.03	92	2.09	1.24	2125G
26	DE-SU ALTAGOALMAN-ET BY TV	100NA	USA	011HO10365	65	-0.01	88	0.02	2248	92	47	2.82	3.1	81	1.36	90	0.94	1.21	2121G
27	COYNE-FARMS BOLTON DOM-ET BY	100NA	USA	014HO05936	46	0.00	77	0.08	1495	95	98	3.01	1.2	84	2.85	94	2.46	2.95	2119G

28	SEAGULL-BAY MANO-ET TR TV	100NA	USA 007HO08699	47	0.03	65	0.07	1277	93	65	2.93	5.2	83	0.62	87	0.57	1.92	2118G
	WELCOME BOL LATHAM-ET TV TL	100NA	USA 001HO02655	58	0.07	65	0.06	1334	94	75	2.92	3.3	81	2.01	89	1.47	2.40	2118G
30	DE-SU ORVILLE-ET TV TL	100NA	USA 029HO14311	41	0.07	42	0.05	778	93	78	2.56	5.6	80	0.92	90	1.27	1.49	2116G
	MEL-CREST ALTARAZOR TV TL	100NA	USA 011HO10392	29	0.02	90	0.23	804	96	128	2.63	4.1	79	2.38	92	1.98	1.60	2116G
32	ZANI BOLTON MASCALÉSE-ET TV TL	99I	ITA 199HO00178	57	0.02	65	0.01	1734	88	90	2.71	0.4	76	2.82	85	2.35	2.26	2115G
33	CLEAR-ECHO ALTAR2-ET TV TL	99I	USA 011HO10017	39	-0.04	54	-0.02	1664	97	177	2.63	4.8	84	1.77	93	1.24	1.58	2110G
34	CHARLESDALE SUPERSTITION-ET TR	100NA	USA 001HO08778	41	0.00	4	-0.17	1379	99	1500	2.63	6.1	88	1.91	99	1.75	1.02	2107G
35	MONUMENT IMPRESSION-ET TY	100NA	CAN 200HO00560	26	0.00	43	0.03	937	95	190	2.70	4.2	78	3.08	91	2.93	1.76	2099G
36	COYNE-FARMS SHOTLE YANCE-ET TR	100NA	USA 007HO09925	54	0.00	78	0.04	1815	93	63	3.15	1.8	82	1.90	92	2.19	1.27	2098G
	DE-SU GAVIN-ET BY TV	100NA	USA 029HO14080	27	-0.02	78	0.15	1023	94	69	2.73	3.9	84	2.37	92	2.21	1.64	2098G
	WABASH-WAY EXPLODE-ET TV TL	100NA	USA 076HO00581	42	-0.03	40	-0.07	1677	97	194	2.72	2.2	82	3.28	93	2.73	2.08	2098G
39	BERTAIOLA MINCIO-ET TY	99I	ITA 210HO00183	35	0.01	58	0.07	1048	89	104	3.00	2.7	76	2.87	85	3.51	2.74	2097G
40	PINE-TREE OMAN ABC-ET TV TL	100NA	USA 029HO14427	40	0.07	74	0.19	679	92	66	2.67	5.2	81	1.00	89	0.93	1.32	2096G
41	GUARINI-ET TV TL	99I	DEU	44	0.08	37	0.04	705	87	73	2.57	3.5	79	2.31	86	2.01	1.39	2095G
42	DE-SU BILLINGS- ET TR TV	100NA	USA 007HO10357	53	-0.04	64	-0.05	2141	92	66	2.81	1.6	81	2.71	89	2.14	2.76	2094G
	END-ROAD JET MACHINE-ET TV TL	98I	USA 029HO14196	54	0.05	80	0.11	1355	92	58	3.05	2.1	81	1.75	91	1.11	2.98	2094G
	MOUNTFIELD ALTAEXACTER TV TL	100NA	USA 011HO10469	31	0.00	40	0.01	1013	95	95	2.65	4.4	81	2.80	92	2.47	2.22	2094G
45	HEIDENSKIPSTER GOLDDAY	100NA	NLD	33	0.06	25	0.02	513	87	70	2.84	2.6	72	3.22	85	2.69	3.16	2089G
	KOEBELE P-S SANTA-FE-ET BY TV	100NA	USA 029HO13548	28	0.07	68	0.22	289	94	81	2.76	4.8	84	1.81	91	1.71	1.19	2089G
47	BEERY-VAL BOLTON ABRAM TR TV	100NA	USA 007HO09900	40	0.03	68	0.10	1114	92	69	2.72	4.6	80	1.70	91	1.53	1.21	2085G
48	KINGS-RANSOM T DOMINGO-ET TR	100NA	USA 007HO08361	38	0.00	62	0.06	1305	98	268	2.67	5.2	88	1.50	96	1.08	0.29	2084G
	MACOMBER O- MAN BOGART TR TV	100NA	USA 007HO08559	34	0.09	65	0.19	390	99	2628	2.72	3.2	90	1.36	98	0.89	2.15	2084G
50	COPPERTOP DOBERMAN-ET TV TL	100NA	USA 029HO13363	41	0.08	65	0.16	638	94	67	2.64	2.6	83	1.97	91	2.05	1.14	2082G
51	BREMER ALLEGRO MAXUM-ET TR TV	100NA	USA 007HO09357	39	-0.01	55	0.01	1409	94	83	2.76	4.8	84	1.54	92	1.46	0.89	2080G
52	END-ROAD O-MAN BRONCO-ET TR TV	100NA	USA 007HO08747	62	0.03	47	-0.06	1770	99	1000	2.93	1.7	86	2.08	97	1.52	1.90	2077G
53	HENDEL ALTAMAGNETO TV TL	100NA	USA 011HO10579	30	-0.02	65	0.08	1146	94	93	2.98	3.4	80	1.95	85	1.80	0.69	2076G
54	KINGS-RANSOM B RUBLE TV TL	100NA	USA 029HO13991	71	-0.02	72	-0.08	2553	93	69	2.93	0.8	81	1.91	91	2.12	1.68	2074G
	WILLOW-MARSH- CC GABOR-ET TR TV	100NA	USA 007HO08477	46	-0.10	31	-0.20	2430	99	1554	2.62	3.5	92	2.49	98	1.81	1.16	2074G
56	VA-EARLY-DAWN SUDAN CRI-ET TV	100NA	USA 001HO09321	53	0.05	82	0.13	1268	92	49	2.85	2.5	81	1.79	90	1.14	2.50	2071G
57	CROCKETT-ACRES BOL BEVIN-ET RI-VAL-RE 2338 NIAGRA-ET TR TV	100NA	USA 054HO00458	52	0.01	78	0.06	1679	89	15	2.89	1.9	76	2.48	85	2.42	1.33	2070G
		100NA	USA 007HO08856	63	0.03	60	-0.03	1859	99	601	2.85	0.9	88	2.35	96	2.09	0.71	2070G

59	HENDEL BACARDI-ET TR TV	100NA	USA 007HO10248	32	0.08	71	0.22	366	92	69	2.82	4.4	80	1.60	90	1.34	2.37	2069G
60	DE-SU CIMARRON-ET TR BY	100NA	USA 007HO10227	63	-0.01	82	0.01	2230	90	55	2.71	1.8	80	2.47	86	2.47	1.21	2066G
	WILRA BOLIVER SEQUOIA-ET TV TL	99I	USA 001HO02611	44	0.07	41	0.03	860	98	183	2.70	4.2	83	1.26	91	1.49	0.88	2066G
62	WHITMAN O MAN AWESOME ANDY TV	100NA	USA 001HO08777	27	0.08	80	0.28	202	99	436	2.55	6.9	86	0.32	93	-0.17	1.21	2063G
63	BRIGEEN RUSSELL TR TV	100NA	USA 007HO10072	15	0.08	75	0.31	-137	98	315	2.77	4.7	85	1.34	96	1.39	1.16	2062G
64	CLEAR-ECHO ALTARAMOB-ET TY SONNEK BOLTON ANARCHY-ET BY TV	99I	USA 011HO10377	33	-0.01	19	-0.09	1207	91	42	2.88	5.0	81	2.67	89	2.48	2.25	2061G
66	VH ENCINO ENZO	100NA	USA 007HO10055	60	-0.07	59	-0.13	2582	93	63	2.68	1.3	82	2.84	91	1.92	1.80	2061G
67	MINN-DELL BAXTER MASSIVE-ET TV	100NA	USA 014HO06033	15	-0.06	51	0.05	1023	93	74	2.61	7.2	80	1.76	92	1.52	2.12	2058G
68	WA-DEL SUREFIRE-ET TV TL	99I	USA 001HO02682	44	0.04	17	-0.08	1123	96	123	2.72	3.7	83	1.77	89	1.34	2.47	2057G
69	CO-OP JET STREAM ARMY-ET TV TL	98I	USA 001HO09659	35	0.11	48	0.15	242	99	391	2.98	2.8	87	2.00	91	1.85	2.24	2052G
70	E-LONGVIEW CM-ET TV TL	100NA	USA 014HO05639	47	0.01	76	0.08	1480	95	126	2.76	2.9	84	1.66	94	1.08	0.39	2051G
71	HENDEL KIEFFER TV TL	96NA	USA 014HO06107	30	0.01	46	0.04	919	93	77	2.53	4.8	79	1.48	92	1.55	0.85	2049G
	LE-O-LA ALTATUXEDO-ET TV TL	100NA	USA 011HO10373	39	0.04	52	0.06	981	91	47	2.60	3.9	80	2.16	89	1.73	0.25	2049G
73	VH OMAN HARUPGARD OSKAR	100NA	USA 001HO09175	53	0.05	82	0.13	1296	92	43	2.86	1.3	81	1.96	91	1.11	0.57	2045G
74	GEN-I-BEQ BRAWLER-ET TY SHADYBANK SHOTTLE SANTANA TM	100NA	USA 001HO09175	53	0.05	82	0.13	1296	92	43	2.86	1.3	81	1.96	91	1.11	0.57	2045G
76	FOXBERRY BAX MIZZOU-ET TR TV HONEYCREST JETTISON-ET TL TY	100NA	USA 007HO10233	27	-0.02	80	0.15	1100	93	80	2.99	3.8	81	2.69	92	1.91	1.99	2043G
78	WELCOME WHITELIGHTNING-ET TV	100NA	USA 001HO09448	54	0.05	74	0.08	1387	92	55	3.06	2.0	82	1.95	90	1.71	0.94	2043G
79	CORDES-MAID STONEWALL-ET TV TL	100NA	USA 014HO06098	40	-0.04	60	-0.01	1685	93	81	2.75	5.4	81	1.24	92	0.66	2.91	2042G
	REGANCREST-SRD TROYER-ET TV TL	100NA	USA 029HO13553	24	0.07	30	0.09	155	94	73	2.75	3.5	84	2.17	91	1.64	2.02	2041G
81	JENNY-LOU SHOTTLE TRUMP-ET TV	98I	USA 029HO14410	38	0.04	40	0.02	959	92	62	2.99	3.6	80	1.99	88	1.96	1.25	2041G
	LARS-ACRES SHOT TRIGGER-ET TV	100NA	USA 014HO05434	39	-0.06	59	-0.03	1819	98	515	2.69	2.8	89	2.19	96	1.71	1.38	2040G
83	BORISLAV CLEAR-ECHO NIFTY TWIST-ET TV	100NA	USA 029HO13846	26	0.03	28	0.03	589	98	208	2.64	5.7	84	2.01	95	1.77	2.39	2040G
	CO-OP OMAN LOGAN-ET TV TL	100NA	USA 029HO00912	37	-0.03	66	0.05	1453	87	57	2.88	3.2	70	2.24	87	2.46	1.90	2039G
86	UECKER RAMOS JOCK-ET TV TL	100NA	USA 029HO14335	43	0.05	60	0.09	942	96	101	2.62	6.8	80	-0.32	91	-0.42	1.17	2039G
87	SYNERGY ALTAJENKINS TV TL	100NA	USA 001HO08658	51	0.05	63	0.07	1235	98	368	2.62	3.6	86	0.90	92	0.37	1.75	2039G
88	CO-OP TSTORY FLAWLESS-ET TV	99I	USA 001HO02771	24	0.07	50	0.17	161	94	73	2.62	6.1	82	0.77	88	1.03	1.32	2037G
	CO-OP OMAN LOGAN-ET TV TL	100NA	USA 011HO10346	21	0.00	51	0.10	713	94	93	2.74	3.1	79	2.51	91	1.95	2.05	2036G

	TL	100NA	USA 001HO02509	32	0.02	65	0.12	899	93	55	3.00	2.5	82	2.35	88	2.47	0.92	2034G
	GUNNAR-ET TV TL	98I	DEU	40	0.05	39	0.03	866	80	50	2.95	2.6	62	2.64	71	2.30	1.60	2034M
	TRAMILDA-N ESCALADE-ET TY	100NA	USA 250HO00933	9	-0.02	46	0.11	438	88	54	2.70	5.3	73	3.01	85	2.46	2.81	2034G
91	MELARRY ZENITH																	
	MERLIN-ET TV TL	100NA	USA 014HO05980	30	0.03	15	-0.05	748	94	75	2.50	5.4	81	1.42	92	1.33	1.93	2033G
92	DE-SU ALTAGATOR-ET TV TL	100NA	USA 011HO10500	35	0.00	66	0.07	1258	91	48	2.85	3.9	80	2.11	89	1.65	1.66	2029G
	VIA THELO	99I	FRA	66	0.07	68	0.04	1577	85	1170	2.91	2.8	63	0.12	76	0.42	0.97	2029M
94	MYE038 BUXTON- ET TL	100NA	CAN 094HO14173	24	-0.05	55	0.03	1252	91	119	2.70	2.0	80	3.28	85	3.51	2.96	2027G
95	ENSENADA BOONE PRIMO-ET TR TV	100NA	USA 007HO09034	67	-0.01	70	-0.05	2297	94	72	2.58	3.0	84	0.87	90	0.21	-0.82	2026G
	HORSTYLE MOSCOW MONTNEY TR TV	100NA	USA 007HO10429	20	-0.03	36	0.01	897	92	62	2.41	4.2	81	2.01	85	1.49	1.60	2026G
97	SUGAR-C ALTAMYSPEACE-ET	99I	USA 011HO10076	26	-0.04	26	-0.07	1237	94	60	2.59	4.8	83	1.81	88	1.76	2.69	2025G
98	GEN-I-BEQ ALTA BUZZER TY	100NA	USA 011HO10408	30	-0.02	72	0.11	1153	89	74	2.86	4.7	81	1.29	85	1.09	1.47	2024G
99	HENDEL KLEINER- ET TR TV	100NA	USA 007HO10247	58	0.08	46	0.01	1174	93	87	2.71	3.1	80	1.08	90	0.53	0.98	2023G
	RICHMOND-FD BLV LINDEN-ET TR	100NA	USA 007HO10194	22	0.07	55	0.20	132	92	76	2.91	4.9	79	1.98	89	2.12	1.19	2023G

Footnote: At the time this list was created the bulls shown without a percentage RHA were not officially registered in the Holstein Association, USA herdbook. Copyright 2013 Holstein Association USA, Inc.