

# HOLSTEIN ASSOCIATION

## HIGH RANKING SIRE REPORT - DECEMBER 2017 - Page 1

**Bulls must have a Minimum of 80% Traditional U.S. Reliability OR 85% Genomic Reliability for Production and Type. No Requirement for Semen Status**

Name		% RHA	NAAB #	SIRE/MGS	PRODUCTION					HEALTH			CONFORMATION				TPI			
					PRO	FAT	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R		UDC	FLC	BWC
MR MOGUL DELTA 1427-ET	TC TV	100-NA	203HO01468	MOGUL x ROBUST	55	90	1777	204	99	2.84	9.2	88	0.9	4.1	1.95	99	2.62	1.41	-1.17	2839G
EDG RUBICON-ET	TC TV	100-NA	151HO00681	MOGUL x ROBUST	49	106	1317	201	98	2.84	7.7	87	0.6	2.9	1.95	97	1.84	2.58	0.42	2799G
MR MOGUL DENVER 1426-ET	TC TV	100-NA	151HO00690	MOGUL x ROBUST	71	103	2299	225	94	3.01	5.7	86	-0.9	1.8	2.16	90	2.62	1.33	0.22	2779G
BACON-HILL MONTROSS-ET	TR TP	100-NA	7HO12165	MOGUL x BOLTON	89	83	3024	227	99	3.13	6.2	90	-0.9	1.7	1.99	99	2.41	1.44	-0.30	2772G
MR MOGUL DION 15008-ET	TC TV	100-NA	203HO01470	MOGUL x ROBUST	67	87	1353	226	97	2.70	7.6	87	1.2	2.5	1.27	95	1.90	0.72	-0.77	2757G
UECKER SUPERSIRE JOSUPER-ET	TC TV	99-I	29HO17553	SUPERSIRE x BEACON	90	103	3209	232	99	2.92	6.5	88	1.4	1.4	1.36	97	1.03	-0.36	1.22	2757G
WOODCREST MOGUL YODER-ET	TR TP	100-NA	7HO12266	MOGUL x PLANET	49	102	1193	210	99	3.00	7.3	88	0.5	2.8	1.90	97	2.32	1.49	-0.46	2750G
DE-SU ALTALEAF-ET	TR TP	99-I	11HO11478	ALTAOAK x TRIGGER	68	83	2428	184	97	2.74	6.3	87	1.4	1.5	2.33	91	1.71	1.14	0.77	2689G
HAR-DALE-ACRES-JP ALTACR-ET	TR TP	100-NA	11HO11434	MOGUL x TRIGGER	37	86	531	176	98	2.94	7.0	87	1.9	3.0	1.69	91	2.77	2.04	-0.30	2669G
MYR-MATT MOGUL PLATINUM	TP TV	100-NA	1HO11096	MOGUL x SUPER	58	83	1807	184	98	2.78	6.8	88	-0.7	2.3	1.93	92	1.58	1.56	0.11	2653G
MR COIN DRACO 15006-ET	CD TV	100-NA	151HO00698	CASHCOIN x ROBUST	57	50	1693	158	96	2.72	10.0	86	3.8	3.6	1.52	91	2.65	-0.98	-1.19	2649G
CO-OP DAY TUFFENUFF-ET	TV TL	99-I	1HO11426	DAY x PLANET	81	77	2784	211	99	2.67	6.6	88	1.5	0.0	1.67	94	1.88	-0.08	-0.52	2645G
EILDON-TWEED SSR BELAIR-ET	TR TP	99-I	14HO07418	SUPERSIRE x BOOKEM	54	81	1363	175	95	3.01	6.6	87	2.0	2.6	2.06	92	1.71	1.76	0.67	2644G
S-S-I MOGUL REFLECTOR	TR TP	99-I	7HO12105	MOGUL x SUPER	75	44	1847	151	99	2.79	7.1	88	0.9	3.1	1.76	96	1.62	1.38	1.34	2643G
S-S-I EPIC MIDNIGHT-ET	TR TP	100-NA	7HO11946	EPIC x SOCRATES	49	56	1138	146	99	2.73	8.9	89	4.8	5.8	0.66	96	1.50	0.39	0.01	2641G
LARCREST COMMANDER-ET	TC TV	99-I	29HO16909	MOGUL x OBSERVER	58	84	1428	190	97	2.84	4.2	87	-1.7	1.0	2.64	95	2.52	1.39	0.35	2627G
SEAGULL-BAY SILVER-ET	TC TV	100-NA	29HO17573	MOGUL x SNOWMAN	50	87	1220	176	99	2.86	4.7	88	-1.9	0.1	2.40	97	2.85	2.25	0.78	2608G
SEAGULL-BAY SUPERSIRE-ET	TR TP	100-NA	7HO11351	ROBUST x PLANET	65	101	2070	216	99	2.82	7.1	99	2.3	1.0	0.88	99	0.63	-0.07	0.12	2607G
BACON-HILL MONTY-ET	TR TP	100-NA	14HO07347	MOGUL x BOLTON	60	95	2110	215	93	2.91	5.7	87	-0.9	-0.1	1.47	91	2.13	1.73	-1.29	2606G
WINNING-WAY MOONRAKER	TC TV	100-NA	29HO16962	MOGUL x ALTABAXTER	48	83	1346	186	97	3.06	6.6	87	-0.4	1.8	1.94	91	2.32	1.65	-0.89	2606G
COASTAL-VIEW MOOKIE-ET	TR TP	100-NA	14HO07328	MOGUL x OBSERVER	30	108	218	194	98	2.97	5.7	88	0.1	2.0	1.73	93	2.29	1.39	-0.09	2605G
CO-OP UPD HUNTER SALVINO	TP TV	100-NA	1HO11022	HUNTER x MASSEY	67	99	1480	234	99	3.01	2.2	89	-3.8	2.7	1.28	95	1.55	-0.16	-0.38	2603G
CO-OP ROBUST CABRIOLET-ET	TP TC	99-I	1HO10396	ROBUST x PLANET	51	98	998	227	99	2.92	7.6	97	3.7	2.4	-0.07	97	0.74	0.28	-1.69	2600G
EILDON-TWEED CHOPS-ET	TR TP	100-NA	14HO07337	MOGUL x MAN-O-MAN	44	81	958	176	95	3.09	4.0	87	-2.5	2.3	2.49	92	2.81	2.36	-0.32	2598G
BACON-HILL MAGUIRE-ET	TR TP	100-NA	7HO12256	SUPERSIRE x BOLTON	59	112	1566	221	96	2.75	4.9	87	0.8	-0.7	1.50	91	1.08	0.57	0.65	2591G
S-S-I STERLING TRENTON-ET	TR TP	100-NA	7HO13094	STERLING x ROBUST	47	78	466	182	92	2.85	8.7	87	2.5	1.6	1.59	87	1.62	1.37	0.07	2587G
DE-SU 11228 TOPSY-ET	TC TV	99-I	29HO16667	BOOKEM x WATSON	62	81	1461	187	99	2.72	5.8	90	-0.2	0.0	1.89	96	1.52	1.29	0.84	2586G
ROYLANE BOOKEM BOB 5170-ET	TR TP	99-I	7HO11752	BOOKEM x O MAN	56	71	773	178	98	2.97	4.5	92	-0.1	3.0	1.86	95	1.79	0.88	0.64	2585G
CO-OP BSF GATEKEEPER-ET	CD TP	99-I	1HO11327	SUPERSIRE x JEEVES	34	80	602	162	94	2.71	9.4	87	4.5	3.1	0.81	86	1.04	0.78	-0.37	2575G
DE-SU ROOKIE 11057-ET	TR TP	99-I	7HO11708	BOOKEM x BRONCO	46	85	1146	181	95	2.72	6.6	86	1.5	1.4	1.74	93	1.46	1.08	-0.32	2573G
EDG BLACKGOLD-ET	TC TV	100-NA	29HO17550	NUMERO UNO x ROBUST	55	79	1373	187	95	3.17	5.7	87	1.0	2.8	1.69	90	1.12	1.78	-0.38	2573G
S-S-I SUPERSIRE MODESTO-ET	TR TP	99-I	7HO13035	SUPERSIRE x BOOKEM	64	62	1807	153	96	2.87	7.1	87	1.0	2.3	1.58	90	1.18	1.00	1.41	2569G
DE-SU LTM PONDER 11345-ET	TV TL	100-NA	7HO12021	LITHIUM x RUSSELL	37	43	1393	94	99	2.74	9.6	89	4.9	8.0	-0.13	96	0.57	0.11	0.54	2567G
MR SHOT DOZER 1491-ET	TC TV	100-NA	151HO00696	SHOTGLASS x ROBUST	46	35	1333	115	92	2.54	9.7	86	4.0	3.1	1.17	86	2.49	1.27	-0.40	2562G
WESTENRADE ALTASPRING	TR TP	99-I	11HO11437	MOGUL x GERARD	46	67	1058	147	98	3.07	5.0	87	-1.4	2.3	2.09	96	3.11	1.78	0.67	2562G
CO-OP RENEGADE-ET	TP TC	99-I	1HO11863	MCCUTCHEN x G W ATWOOD	38	78	955	144	96	2.99	4.8	87	-1.5	1.9	2.92	86	2.12	3.05	0.95	2561G
S-S-I BOOKEM MORGAN-ET	TR TP	99-I	7HO11383	BOOKEM x SHOTTLE	54	63	1577	152	99	2.80	7.0	96	2.1	3.0	1.53	98	1.18	1.02	0.39	2560G
SLO-TRAIN ALTACAIN	TR TP	100-NA	11HO11337	MAUI x INDIANA	36	73	641	161	98	2.66	6.1	88	1.2	3.4	1.43	94	1.74	0.99	-0.72	2560G
SPRUCE-HAVEN STOIC-ET	TP TC	99-I	1HO11048	EPIC x TRIGGER	68	43	1701	159	99	2.74	7.2	88	2.9	1.0	1.74	95	2.22	1.30	-0.24	2560G
VIEW-HOME MANDATE-ET	TR TP	100-NA	200HO10196	DAY x ROBUST	51	79	1690	178	90	2.70	6.8	85	1.5	2.2	1.71	86	1.18	-0.17	-0.70	2560G

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Name		% RHA	NAAB #	SIRE/MGS	PRODUCTION					HEALTH				CONFORMATION				TPI		
					PRO	FAT	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R	UDC		FLC	BWC
REGANCREST BRIGHAM-ET	TR TP	100-NA	200HO10079	NUMERO UNO x DORCY	14	44	580	67	96	2.84	8.4	87	1.2	6.2	2.79	93	2.77	1.88	0.48	2558G
S-S-I SHAMROCK MYSTIC-ET	TR TP	100-NA	7HO11395	SHAMROCK x SHOTTLE	43	62	1093	143	96	2.72	8.6	86	4.9	5.9	0.56	91	0.29	-0.30	0.01	2558G
CO-OP PRINCETON-ET	TP TC	99-I	1HO11881	SUPERSIRE x DOLCE	71	96	2252	220	94	2.71	5.3	86	2.0	-1.8	1.51	85	1.52	-0.15	-0.05	2557G
LONE-OAK-ACRES ALTAROBLE-ET	TR TP	100-NA	11HO11380	MOGUL x OBSERVER	35	39	979	95	97	2.71	6.7	87	0.0	3.8	2.68	95	3.11	1.74	0.42	2557G
EDG SKATEBOARD-ET	TR TP	100-NA	200HO06530	NUMERO UNO x RUSSELL	21	102	264	163	97	2.61	4.2	85	1.1	3.4	1.72	94	1.79	0.52	0.30	2555G
MR OCD ROBUST DONATELLO-ET	TR TP	100-NA	7HO11525	ROBUST x PLANET	48	74	1180	182	99	2.90	5.3	95	2.7	3.1	1.06	98	1.26	0.85	-1.31	2555G
COGENT SUPERSHOT	TV TL	100-NA	224HO02881	SUPERSIRE x SUPER	68	48	2246	137	98	2.77	8.7	87	2.4	2.4	1.34	97	0.94	0.73	1.25	2552G
MORNINGVIEW MCC KINGBOY-ET	TR TP	99-I	7HO12198	MCCUTCHEN x SUPER	43	49	1373	97	99	2.70	4.4	89	-1.2	2.7	3.25	99	2.65	1.26	1.96	2552G
S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100-NA	7HO11621	SNOWMAN x SOCRATES	82	56	2653	178	99	2.80	4.5	93	3.8	1.9	0.95	97	0.67	0.96	0.34	2552G
CO-OP DAY TWINKIE-ET	TP TC	99-I	1HO11425	DAY x PLANET	63	75	2428	183	98	2.72	7.4	88	1.6	2.1	1.13	91	1.53	-0.75	-0.78	2551G
VIEW-HOME MONTEREY-ET	TC TV	99-I	29HO16955	MCCUTCHEN x ROBUST	38	49	704	117	99	3.01	6.1	88	0.9	2.2	3.34	97	2.82	1.68	0.50	2549G
RICHMOND-FD EL BOMBERO-ET	TR TP	100-NA	200HO03950	NUMERO UNO x SUPER	35	65	1479	111	99	2.56	7.6	89	0.5	3.1	1.97	98	2.01	0.43	1.06	2548G
MR MOVIESTAR MARDI GRAS-ET	TR TP	100-NA	534HO00025	MOGUL x PLANET	35	65	605	131	97	2.95	5.9	88	0.1	3.8	1.86	96	2.87	0.96	0.70	2546G
S-S-I SUPERSIRE BALLGAME-ET	TR TP	100-NA	7HO11986	SUPERSIRE x ALTAROSS	73	96	2242	227	92	2.77	7.0	87	1.4	1.0	0.71	89	-0.39	-1.06	-0.31	2546G
SANDY-VALLEY GRAM-ET	TR TP	100-NA	200HO09137	MOGUL x ALTAIOTA	32	87	937	161	93	3.08	5.3	87	0.0	2.3	2.30	91	2.14	2.19	-0.40	2545G
KINGS-RANSOM R RACKET-ET	TR TP	100-NA	7HO11519	ROBUST x MANGO	52	69	958	176	95	2.95	7.0	86	5.7	1.7	0.80	92	1.24	1.52	-0.37	2541G
WEBB-VUE SPARK 2060-ET	TR TP	100-NA	7HO12418	SUPERSIRE x GABOR	66	65	2427	161	94	2.70	7.3	86	1.6	0.3	1.60	91	1.65	0.19	0.47	2539G
APRILDAY EQUINOX 654-ET	TR TP	99-I	14HO07426	SUPERSIRE x SOTO	37	100	710	184	90	2.66	8.0	86	3.2	1.6	0.65	86	1.09	0.39	0.21	2537G
CO-OP MOGUL LAWMAN-ET	TP TC	100-NA	1HO11545	MOGUL x MAN-O-MAN	64	60	1362	173	99	2.78	3.8	88	-4.1	1.9	1.84	95	1.62	1.99	0.27	2537G
KINGS-RANSOM REBEL	TC	99-I	29HO17561	SUPERSIRE x PAUL	51	71	1664	178	91	2.95	7.8	86	2.8	2.4	1.22	87	1.48	0.73	-1.52	2534G
LADYS-MANOR GREGARIOUS-ET	TR TP	100-NA	7HO12157	MOGUL x BRONCO	45	78	1028	158	98	3.13	3.9	88	-2.5	2.9	1.96	93	2.38	2.02	0.87	2534G
MR UNO DESIGN 1428-ET	TC TV	100-NA	151HO00693	NUMERO UNO x ROBUST	44	51	1173	134	88	2.57	8.4	85	2.0	2.8	1.75	85	2.00	0.48	-0.40	2534G
S-S-I TWIST MONARCH-ET	TV TL	100-NA	7HO11386	TWIST x SHOTTLE	43	72	961	146	99	2.86	6.9	95	3.6	5.2	0.21	93	0.55	1.03	0.99	2529G
SANDY-VALLEY SALOON-ET	TR TP	100-NA	200HO02792	ALTAIOTA x PLANET	76	85	2251	194	99	3.03	0.9	94	-1.3	-0.3	2.75	98	1.25	1.03	1.69	2527G
ZIMMERVIEW MOGUL BUTLER-ET	TR TP	100-NA	7HO12195	MOGUL x PLANET	62	52	1809	153	98	2.89	6.8	88	1.0	2.0	1.51	93	1.16	1.74	0.07	2526G
KP-ACK ALTALEGAL-ET	TR TP	100-NA	11HO11419	MOGUL x PLANET	55	82	1624	188	94	2.75	5.9	87	-0.2	0.4	1.23	87	1.84	0.90	-0.49	2525G
DE-SU 11236 BALISTO-ET	TC TV	99-I	29HO16714	BOOKEM x WATSON	66	73	893	203	99	2.70	5.0	92	-1.4	-0.4	1.62	99	1.00	1.66	0.20	2524G
RICHMOND-FD MOGUL LUIS	TV TL	100-NA	7HO12326	MOGUL x DEANN	37	87	996	167	92	2.84	6.1	86	-0.4	1.3	1.80	89	1.65	1.82	-0.16	2524G
VIEW-HOME UNO IDAHO-ET	TV TL	100-NA	14HO07420	NUMERO UNO x ROBUST	19	60	-64	116	92	2.64	7.0	87	0.9	4.3	2.60	87	2.23	0.28	-0.07	2522G
ROYLANE SOCRA ROBUST-ET	TR TV	100-NA	7HO10524	SOCRATES x O MAN	43	71	932	171	99	2.97	6.6	99	4.5	2.4	0.69	99	1.24	1.60	-1.07	2520G
T-SPRUCE ALTAJAKE-ET	TR TP	100-NA	11HO11422	PETRONE x OBSERVER	26	32	1112	72	96	2.69	8.2	86	1.8	5.3	2.28	94	2.23	1.96	-0.12	2520G
DELABERGE PEPPER-ET	TP TV	100-NA	250HO01118	MOGUL x PLANET	33	65	255	135	93	2.81	5.8	86	0.8	1.7	2.35	89	2.79	1.41	0.64	2519G
LONE-OAK-ACRES ALTARABO-ET	TR TP	100-NA	11HO11379	MOGUL x OBSERVER	37	69	844	141	96	2.70	5.1	86	-1.5	1.3	2.19	94	2.87	1.49	0.26	2519G
DELABERGE SALT-ETS	TR TP	100-NA	250HO01131	MOGUL x PLANET	33	65	255	136	93	2.81	5.8	86	0.8	1.7	2.29	85	2.82	1.42	0.57	2518G
DE-SU SS HONEYBEE 11569-ET	TR TP	99-I	7HO12212	SUPERSIRE x BOOKEM	48	69	1419	148	99	2.81	6.2	88	1.7	2.0	1.77	95	1.27	0.39	0.60	2517G
FARNEAR-BH MR MCGIRT-ET	TR TP	100-NA	7HO12131	MOGUL x DOMAIN	53	72	1996	137	97	2.80	3.8	88	-2.8	1.2	1.81	93	2.01	1.96	1.68	2517G
S-S-I SUPERSIRE TETRIS-ET	TR TP	99-I	7HO11985	SUPERSIRE x DOMAIN	62	87	1989	195	93	2.81	6.8	87	2.5	0.5	0.75	89	0.85	0.01	0.01	2517G
PLAIN-KNOLL DONA BAYONET-ET	TR TP	100-NA	7HO12236	DONATELLO x SHAMROCK	46	52	1327	129	97	2.96	7.0	87	4.9	3.7	1.70	94	1.90	0.75	0.23	2516G
S-S-I MOGUL MULTIPLY-ET	TR TP	99-I	7HO11915	MOGUL x ROBUST	23	54	33	107	95	2.78	7.3	85	1.6	3.6	1.31	92	2.43	2.84	0.53	2514G
CO-OP DAY TAURINO-ET	TP TC	99-I	1HO11427	DAY x PLANET	34	66	806	141	99	2.79	7.6	88	1.2	2.7	1.63	91	2.56	0.78	-0.41	2511G

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DE-SU MGL GARZA 11388-ET	TR TP	100-NA	7HO12024	MOGUL x PLANET	36	61	1010	113	95	2.82	5.0	88	0.4	1.7	2.26	93	2.64	2.07	1.34	2508G
L-L-M-DAIRY ALTAPONDER-ET	TV TL	99-I	11HO11287	SHAMROCK x JET STREAM	45	33	1837	99	95	2.69	9.2	85	4.4	4.3	1.61	92	1.34	1.00	-0.30	2507G
LADYS-MANOR DOORSOPEN-ET	TR TP	99-I	200HO10203	DOORMAN x DORCY	34	59	799	111	88	2.46	6.1	85	0.2	0.3	2.80	85	2.90	1.83	1.29	2506G
MAPEL WOOD BREWMASTER-ET	TR TP	100-NA	250HO01009	GARRETT x SHOTTLE	34	98	882	169	97	2.76	4.6	91	-0.6	2.0	1.62	94	1.12	1.14	0.52	2506G
PATOM HEADLINE ZYKE 6479-ET	TR TP	100-NA	14HO07387	HEADLINER x DORCY	49	58	1489	144	94	2.81	6.0	87	3.1	2.2	1.45	89	1.74	1.20	-0.17	2506G
SEAGULL-BAY MVP-ET	TC TV	100-NA	29HO16888	MOGUL x PLANET	42	68	534	157	98	2.85	5.2	90	-0.3	1.6	1.94	95	2.28	1.46	0.15	2506G
DE-SU 11620 NIRVANA-ET	TC TV	100-NA	29HO16887	MOGUL x PLANET	64	65	1760	172	96	2.73	5.3	88	-0.5	-0.1	1.64	89	1.89	0.90	0.23	2505G
WELCOME SS PETERPAN-ET	TR TP	99-I	7HO12255	SUPERSIRE x BOOKEM	76	112	2346	241	97	3.07	2.7	88	-2.1	-0.9	1.25	93	-0.05	0.80	0.55	2505G
LADYS-MANOR OCTOBERFEST-ET	TR TP	99-I	200HO06676	ALTAOAK x DORCY	53	61	1841	126	92	2.54	7.3	86	2.6	0.7	1.50	88	1.50	1.04	1.73	2503G
MOUNTFIELD SSI DCY MOGUL-ET	TR TP	100-NA	7HO11314	DORCY x MARSH	40	78	1236	159	99	3.00	3.9	99	-3.5	0.4	2.20	99	3.09	2.29	-0.38	2503G
MR AMERICA EXPLORER-ET	RC TP	100-NA	29HO17636	EFFECT P-RED x ROBUST	31	57	829	122	94	2.71	8.9	87	3.6	3.8	0.90	87	1.63	1.00	-0.30	2503G
SULLY ROBUST MONOCEROTIS-ET	TR TP	100-NA	7HO11839	ROBUST x PLANET	55	56	1691	167	95	2.91	6.5	86	1.9	2.5	0.91	93	1.33	1.23	-1.60	2503G
DE-SU DALIBOR 11639-ET	TR TP	99-I	7HO12337	DONATELLO x BOOKEM	36	66	635	136	94	2.70	6.7	87	0.5	4.7	1.14	90	0.99	-0.17	0.52	2502G
ST GENOMICPRO DOC-ET	TC TV	100-NA	151HO00656	SHAMROCK x BOGART	39	76	1193	158	97	2.78	6.6	87	2.7	3.0	1.26	88	0.74	0.53	-0.59	2501G
UNITED-PRIDE MOGUL MAGNATE	TP TC	98-I	1HO11097	MOGUL x FREDDIE	59	57	1793	138	98	3.02	4.8	87	-0.5	1.1	2.11	92	2.34	1.49	1.29	2501G
PLAIN-KNOLL MINDY BEACHHEAD	TR TP	100-NA	7HO12346	HEADLINER x SHOTTLE	40	66	960	122	94	3.01	5.6	87	1.6	4.2	1.81	90	1.34	1.12	1.79	2500G
RICHMOND-FD JC BARNABY-ET		100-NA	7HO12168	CAMERON x SUPER	26	55	631	101	95	2.59	8.8	87	2.1	3.3	1.65	90	1.92	1.54	0.70	2499G
TRANQUILLITY AC PRIDE-ET	TV TL	100-NA	147HO02442	ROBUST x BOLIVER	30	83	618	161	97	3.07	7.6	86	3.3	2.5	1.07	96	1.72	1.15	-0.67	2499G
BACON-HILL MILTON-ET		100-NA	100HO11515	MOGUL x BOLTON	62	69	2293	177	94	3.12	3.0	87	-2.5	1.0	1.48	89	2.43	1.89	-0.86	2498G
CO-OP MINTMAKER TRIVIA-ET	TP TC	99-I	1HO11562	MINTMAKER x PLANET	39	90	854	176	99	2.93	6.1	88	2.9	2.9	0.82	90	1.07	-0.12	-0.02	2497G
DE-SU MAURICE GUST 11697	TV TL	99-I	7HO12342	MAURICE x BOOKEM	63	56	1558	153	93	2.76	7.4	87	0.3	1.4	1.70	91	1.36	0.42	0.97	2497G
DE-SU PENLEY 11839-ET	TR TP	99-I	7HO12357	PLATINUM x SHAMROCK	43	49	1167	106	90	2.33	9.1	85	1.6	2.8	1.13	86	0.93	0.89	1.52	2495G
LAMBRECHT SHAW AICON-ET	TR TP	99-I	7HO12422	SHAW x BOOKEM	66	45	2311	128	89	3.01	4.7	85	0.3	1.6	2.43	85	1.78	1.87	1.21	2495G
MR DELICIOUS LIONEL-ET	TR TP	99-I	200HO10034	MCCUTCHEN x ROBUST	56	67	1873	168	93	2.94	5.4	86	0.5	1.6	1.59	88	1.28	0.88	-0.68	2495G
DE-SU 11530 CAPABULL-ET	TV TL	100-NA	29HO16940	MOGUL x TRIGGER	39	63	1057	131	93	2.74	6.5	87	0.0	2.7	1.49	90	1.74	1.63	0.49	2494G
DE-SU 11528 CAPTIVATE-ET	TC TV	100-NA	29HO16939	MOGUL x TRIGGER	47	73	1054	173	93	2.90	2.8	87	-2.0	0.7	2.00	88	2.41	2.13	-0.61	2492G
HENDEL MR MADRON-ET	TC TV	99-I	7HO12387	ALTAJACKMAN x GRAFEETI	63	51	1940	172	90	2.66	6.7	85	0.0	0.8	1.52	86	2.10	1.05	-1.62	2492G
S-S-I UNO DESIGN DUVAL-ET		100-NA	7HO13003	NUMERO UNO x ROBUST	27	68	428	131	92	2.77	7.1	87	1.2	3.1	1.71	88	1.81	1.49	0.02	2492G
DE-SU MGL GREENWAY 11396-ET	TR TP	100-NA	7HO12026	MOGUL x PLANET	59	78	1710	185	98	2.98	3.9	89	-2.0	1.3	1.76	97	1.12	1.39	-0.15	2491G
TRIPLECROWN SS DESIRED-ET	RC TP	100-NA	7HO12388	SUPERSIRE x AARON-RED	64	89	1966	195	94	2.99	3.6	87	-0.6	-0.3	1.90	89	1.35	0.20	0.56	2491G
S-S-I STERLING DAMARIS-ET	TR TP	99-I	7HO13093	STERLING x BOOKEM	45	43	1255	126	99	2.90	9.6	88	2.5	3.1	1.59	94	1.45	1.77	-0.51	2487G
THREE-STAR CIVIC-ET	TC TV	99-I	29HO17625	PETRONE x BOOKEM	35	33	957	88	93	2.55	8.4	87	2.3	4.0	1.84	89	1.35	1.43	0.41	2487G
LESMAR SHN MICKEY MARSO-ET	TV TL	100-NA	7HO12238	SHAN x ROBUST	52	65	1210	169	94	3.01	6.2	87	1.6	1.8	1.42	88	1.77	0.07	-0.60	2485G
SANDY-VALLEY JUMP START-ET	TR TP	99-I	566HO01197	MCCUTCHEN x ROBUST	66	76	2132	175	90	2.89	5.5	86	1.5	0.1	1.53	86	0.58	0.68	0.92	2484G
DE-SU SPANGLER 11573-ET	TR TP	99-I	7HO12278	SUPERSIRE x BOWSER	46	69	1075	171	94	2.93	7.2	87	2.8	1.9	1.22	91	1.50	0.63	-1.04	2483G
NO-FLA ALTAEDITION-ET	TR TP	99-I	11HO11391	MAURICE x PLAN	57	65	1359	180	98	2.86	7.6	87	2.3	3.4	-0.13	91	0.40	-0.25	-0.86	2483G
CO-OP ROBUST YOOHOO-ET	TC TV	100-NA	1HO10579	ROBUST x ENCINO	31	43	514	109	99	2.99	7.5	96	4.1	5.9	0.71	94	1.39	1.53	-0.29	2482G
GLEN-D-HAVEN ALTAHOTROD	TR TP	100-NA	11HO11493	JEROD x ALTAIOTA	54	65	1631	146	93	2.95	3.8	86	1.1	1.9	2.25	85	1.46	1.22	0.95	2482G
RI-VAL-RE RAGER-RED-ET	TP TV	99-I	7HO12344	RELIEF P x OBSERVER	47	62	1400	133	94	2.86	5.8	86	1.6	1.9	2.14	87	1.69	1.26	0.99	2481G
S-S-I SUPERSIRE MARQUEL-ET	TV TL	99-I	7HO13038	SUPERSIRE x BOOKEM	53	40	1563	124	90	3.12	8.1	86	2.7	3.1	1.35	86	1.75	1.22	0.09	2480G

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## HIGH RANKING SIRE REPORT - DECEMBER 2017 - Page 4

Bulls must have a Minimum of 80% Traditional U.S. Reliability OR 85% Genomic Reliability for Production and Type. No Requirement for Semen Status

Name		% RHA	NAAB #	SIRE/MGS	PRODUCTION					HEALTH			CONFORMATION				TPI			
					PRO	FAT	MILK	FE	%R	SCS	PL	%R	LIV	FI	PTAT	%R		UDC	FLC	BWC
CO-OP MOGUL STAMINA CRI-ET	TP TC	100-NA	1HO11541	MOGUL x MASSEY	31	73	752	142	98	2.74	4.9	88	-2.7	1.7	1.71	90	2.44	1.71	-0.19	2479G
MATT-DARI MOGUL PAYTON-ET	TR TP	100-NA	14HO07340	MOGUL x MAN-O-MAN	44	49	1022	125	98	2.66	5.0	87	-2.0	3.4	1.37	94	2.16	0.43	0.36	2479G
CO-OP UPD PTRN PAY CHECK-ET	TP TV	100-NA	1HO11062	PETRONE x SHOTTLE	23	54	592	83	98	2.57	9.3	88	3.0	5.8	0.17	89	0.80	1.03	1.58	2478G
DEBOER AMARILLO CRI-ET	CD TP	100-NA	1HO11725	SUPERSIRE x DIGGER	51	47	1610	120	93	2.80	6.0	87	0.8	2.7	1.57	87	1.51	1.19	0.75	2478G
CO-OP LEWIS REPTATION-ET	TV TL	99-NA	1HO10987	LEWIS x SHARKY	37	96	847	192	99	2.77	5.2	92	2.0	2.8	0.32	86	0.40	0.29	-1.01	2477G
RI-VAL-RE SSI SS NOLAN-ET	TR TP	100-NA	7HO12237	SUPERSIRE x SUPER	46	65	1056	141	89	2.76	6.1	87	0.8	3.3	1.34	86	0.52	0.49	1.02	2476G
SEAGULL-BAY TOUCHDOWN-ET	TC TV	99-I	76HO00710	HEADLINER x DORCY	46	78	1246	159	91	2.89	5.6	86	1.9	-0.1	2.10	87	1.69	1.87	0.61	2476G
BACON-HILL MILSON-ET	TR TP	100-NA	7HO12186	MOGUL x BOLTON	69	57	2289	182	95	2.97	3.4	87	-2.7	-1.0	2.37	91	2.35	1.76	-1.41	2475G
BRYCEHOLME SS BOASTFUL-ET	TC TV	100-NA	29HO17607	SUPERSIRE x MAN-O-MAN	36	63	337	134	92	2.72	6.6	85	1.4	2.5	1.35	86	1.74	0.32	0.84	2475G
DE-SU MG DAVINCI 11288-ET	TR TP	100-NA	7HO12014	MOGUL x WATSON	44	70	689	152	99	2.76	4.9	88	-1.4	-0.3	2.16	96	2.56	1.84	0.83	2475G
PENN-ENGLAND GIFIAN 903A-ET	TR TP	100-NA	14HO07324	MOGUL x BOXER	56	54	2353	138	98	2.91	5.5	88	-0.7	1.0	1.94	94	2.29	1.84	-0.32	2475G
RICKLAND SUPERSIR BRUTUS-ET	TP TV	100-NA	1HO11070	SUPERSIRE x SUPER	55	65	1715	161	98	2.84	6.6	87	1.9	2.4	1.18	91	0.54	0.69	-0.21	2475G
DE-SU 11756 OCTAVIAN-ET	TC TV	99-I	29HO17509	NUMERO UNO x BOOKEM	34	61	682	120	92	2.49	6.2	87	-0.7	2.6	2.05	86	1.49	1.16	0.94	2474G
MR WELCOME MOGUL LENTAL	TC TV	100-NA	29HO16960	MOGUL x OBSERVER	38	80	801	165	94	2.80	5.2	87	-0.9	1.4	1.53	89	1.76	1.71	-0.31	2473G
RJR CHARLESTON-ET	TV TL	100-NA	7HO12072	PETRONE x SHOTTLE	13	55	209	83	95	2.63	7.0	85	1.6	3.7	2.72	90	2.29	1.40	0.74	2473G
EVEN-PAR CARTER-ET	TV TL	100-NA	7HO12171	NUMERO UNO x ALEXANDER	36	60	536	148	93	2.87	4.4	87	-1.0	1.8	2.63	87	3.09	1.40	-0.89	2472G
DE-SU ALTAGILCREST-ET	TR TP	100-NA	11HO11272	ALTAGREATEST x GOLDWYN	71	63	2700	175	98	3.00	4.6	89	0.9	0.4	1.51	95	1.68	0.77	-0.53	2471G
DE-SU NOMINEE-ET	TR TP	99-I	200HO06528	NUMERO UNO x MASSEY	47	48	1281	127	99	2.64	7.2	91	1.4	4.7	1.01	97	0.39	0.53	0.21	2471G
EDG SATURN SENDER 8136-ET	TC TV	100-NA	151HO00697	MOGUL x MAN-O-MAN	43	62	1104	122	91	2.78	2.9	85	-3.5	1.1	2.67	87	2.81	1.90	1.69	2471G
APINA ALTAEMBASSY-ET	TR TP	99-NA	11HO11143	FREDDIE x PLANET	33	79	1699	114	99	2.61	6.4	92	1.2	2.7	1.19	97	1.13	0.46	1.55	2469G
MR WELCOME SSI UNO TATUM-ET	TR TP	100-NA	7HO13022	NUMERO UNO x COLBY	43	52	1339	125	98	2.80	5.3	88	-1.6	2.6	2.50	95	2.05	0.77	0.02	2469G
WELCOME SUPER PETRONE-ET	TR TP	100-NA	7HO11169	SUPER x ALTABAXTER	12	42	681	61	99	2.60	7.4	99	3.1	6.3	1.13	99	1.76	1.47	0.31	2469G
AL-LEW MGL ACHILLES 1206-ET	TR TP	100-NA	14HO07400	MOGUL x OBSERVER	27	54	425	110	92	2.72	6.2	87	-0.3	2.3	2.20	89	2.45	2.18	0.31	2468G
CLEAR-ECHO ALTAPRIMO-ET	TR TP	99-I	11HO11369	NUMERO UNO x MAN-O-MAN	44	66	813	162	94	2.79	6.8	86	0.5	2.9	0.91	85	1.25	0.52	-0.59	2468G
DE-SU RENNIE 11023-ET	TR TP	100-NA	7HO11833	ROBUST x PLANET	42	75	1252	171	95	3.04	6.5	87	3.9	1.4	1.13	93	1.94	0.29	-1.31	2468G
LADYS-MANOR GRAF LA-BRON-ET	TC TV	99-NA	29HO16701	GRAFEETI x SUPER	45	63	1247	150	99	2.76	5.8	91	2.3	2.5	1.11	97	1.37	1.05	-0.40	2468G
MINNIGAN-HILLS DISNEY-ET	TR TP	99-NA	200HO10062	SALOON x FREDDIE	54	69	1574	146	91	3.03	2.5	86	-0.8	1.5	2.37	89	1.63	1.22	1.50	2467G
BOMAZ ALTAENTRUST-ET	TR TP	100-NA	11HO11314	ROBUST x MAN-O-MAN	34	68	327	150	99	2.74	5.4	88	1.9	3.9	0.77	93	0.68	1.00	-0.19	2466G
S-S-I YANCE IRONBACK-ET	TR TP	100-NA	7HO13111	YANCE x MAXUM	42	72	1216	141	94	2.94	6.2	87	0.3	4.2	0.52	85	1.12	0.01	0.83	2466G
TAG-LANE MILKSHAKE	TC TV	96-I	29HO17518	MOGUL x O MAN	36	76	660	161	94	2.87	6.4	86	-0.1	3.9	0.75	87	0.85	1.12	-0.44	2466G
MR OCD EPIC DRAGONHEART-ET	TR TP	100-NA	7HO12111	EPIC x PLANET	43	49	1869	117	94	2.91	7.5	84	3.5	2.1	1.87	87	2.24	1.01	-0.44	2465G
REGANCREST MATHON-ET	TR TV	100-NA	200HO09139	SALOON x SNOWMAN	55	78	1746	152	90	2.81	2.6	85	-0.4	-1.0	2.87	87	2.04	1.51	1.79	2463G
KERNDTWAY KINGPIN-ET	TR TP	99-I	7HO12228	MCCUTCHEN x OBSERVER	34	58	767	101	97	2.65	5.1	87	0.0	1.8	2.71	96	1.92	1.24	2.00	2462G
SANDY-VALLEY DREAMWEAVER-ET	TC TV	99-I	29HO17576	SUPERSIRE x ALTAMETEOR	37	24	1230	64	93	2.74	8.0	86	3.2	3.8	1.96	87	2.22	0.87	1.25	2462G
VIEW-HOME POWERBALL-P-ET	PC TC	100-NA	534HO00031	EARNHARDT P x ROBUST	55	41	978	143	97	3.02	3.4	87	-0.5	4.2	1.95	95	1.45	0.21	-0.10	2462G
NO-FLA ALTAENTRY-ET	TR TP	99-I	11HO11448	SUPERSIRE x BOWSER	44	48	1353	119	97	2.88	9.3	87	5.1	4.7	-0.08	88	0.61	0.26	0.26	2461G
WELCOME MOGUL HADWIN-ET	TR TP	99-I	7HO12122	MOGUL x O-STYLE	47	41	1386	136	95	2.84	8.2	85	1.7	3.5	1.31	93	1.19	0.48	-1.46	2461G
JENNY-LOU MCUTCHEN CRANK IT	TR TP	99-I	14HO07461	MCCUTCHEN x ALTAIOTA	43	56	968	111	94	2.63	4.5	87	-1.0	0.9	2.37	91	2.05	1.57	2.17	2460G
GPAQUETTE RAVECUT-ET	TV TL	99-I	250HO12301	MCCUTCHEN x OBSERVER	38	59	685	119	91	2.74	5.1	87	-0.3	0.8	2.40	86	2.11	1.57	1.41	2458G
CLAYNOOK DIECAST-ET	TR TP	100-NA	200HO10072	DAY x BEACON	47	45	1894	133	91	2.76	7.5	86	1.0	2.6	1.20	88	1.81	0.48	-1.58	2457G

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# HOLSTEIN ASSOCIATION

## HIGH RANKING SIRE REPORT - DECEMBER 2017 - Page 5

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Name		% RHA	NAAB #	SIRE/MGS	PRODUCTION				HEALTH				CONFORMATION				TPI			
					PRO	FAT	MILK	FE %R	SCS	PL %R	LIV	FI	PTAT %R	UDC	FLC	BWC				
S-S-I MASSEY MACHETE-ET	TV TL	100-NA	7HO13065	MASSEY x SHAMROCK	43	59	1333	123	95	2.70	6.2	87	1.7	3.8	0.95	86	0.73	0.96	0.96	2455G
ELI023 MASTERFUL-ET	TR TP	100-NA	200HO06628	MOGUL x SNOWMAN	59	68	1467	165	94	2.85	4.5	85	-1.5	-0.3	2.02	90	1.46	1.52	0.77	2453G
MELARRY ALTAMATT-ET	TR TP	100-NA	11HO11421	NUMERO UNO x EXPLODE	20	48	508	73	96	2.44	7.9	87	1.5	3.1	2.15	91	2.11	1.49	1.42	2453G
WINNING-WAY MADEA-ET	TC TV	100-NA	29HO16845	O-STYLE x PLANET	45	58	2144	133	97	2.84	6.9	88	3.0	2.3	1.40	91	1.06	1.31	-0.93	2450G
COYNE-FARMS JACEY CRI-ET	TV TL	99-I	1HO10788	ALTAIOTA x MASSEY	55	12	1582	79	99	2.50	6.1	97	-0.3	4.3	1.76	99	1.53	1.49	1.12	2449G
RICKLAND RILEY 658	TR TP	100-NA	7HO11762	ROBUST x SHOTTLE	15	73	-459	136	99	2.90	5.7	92	3.4	2.4	1.23	93	2.32	2.16	-0.35	2448G
SNOWBIZ LITTLETON-ETS	TR TP	100-NA	200HO06637	SUPERSIRE x SNOWMAN	58	71	2340	159	97	2.88	6.1	86	1.1	1.2	1.48	93	0.90	-0.13	0.11	2447G
DE-SU MALLINGER 11384-ET	TR TP	100-NA	7HO12095	MOGUL x PLANET	45	82	1486	181	98	3.06	3.4	88	-0.4	0.4	1.76	94	1.79	1.63	-1.27	2446G
MELARRY ROBUST MILES-ET	TR TP	100-NA	7HO11836	ROBUST x AL	46	83	1006	195	99	2.98	3.8	91	0.4	0.6	1.15	97	1.39	1.40	-1.46	2446G
SANDY-VALLEY STERLING-ET	TR TP	100-NA	7HO11585	ROBUST x PLANET	59	49	1840	138	99	3.18	5.8	97	2.7	1.5	2.04	98	1.25	1.58	0.47	2445G
SEAGULL-BAY HEADLINER-ET	TR TP	100-NA	7HO11419	ROBUST x PLANET	63	72	1797	175	99	3.17	1.9	98	-1.4	0.3	2.23	99	1.71	1.84	0.53	2445G
EVEN-PAR ZUMA	TV TL	100-NA	29HO16607	ROBUST x PLANET	58	67	1337	195	94	3.18	5.4	84	1.9	1.2	0.60	89	0.92	1.46	-1.68	2443G
NO-FLA ALTAVINO-ET	TR TP	93-I	11HO11481	MCCUTCHEN x MASSEY	27	48	325	92	94	2.74	5.3	86	1.7	2.2	2.43	87	2.27	1.94	1.28	2443G
SULLY MUNITION-ET	TR TP	100-NA	200HO03859	ROBUST x PLANET	44	51	1052	137	98	2.87	6.4	88	1.7	3.6	1.01	95	1.16	0.33	-0.45	2443G
RR ALTAMOPAN-ET	TR TP	100-NA	11HO11406	MOGUL x SUPER	25	50	897	112	96	2.67	5.7	85	-1.7	1.6	2.25	93	2.96	2.22	-1.31	2441G
DE-SU MICKELSON 11598-ET		99-I	250HO12213	SUPERSIRE x BOOKEM	50	60	1350	128	91	2.66	6.3	85	0.3	0.6	1.92	86	1.40	0.55	1.70	2440G
ROSYLANE-LLC ALTASTALWART	TR TP	98-I	11HO11396	PETRONE x ALTAMETEOR	28	55	898	105	94	2.64	7.4	87	2.5	3.3	1.38	88	1.12	0.86	0.29	2440G
DE-SU EPIC ACER 11504-ET	TR TP	99-I	7HO12206	EPIC x BOOKEM	35	36	1356	70	94	2.79	7.8	87	1.3	4.2	2.17	92	1.58	1.15	1.57	2439G
EDG DEMAN-ET	TR TP	100-NA	534HO00026	MOGUL x G W ATWOOD	34	69	342	130	94	2.98	3.5	86	-4.6	0.4	3.16	92	2.75	2.87	1.43	2438G
GLAMOUR CARLO-ET	TL TD	100-NA	515HO00135	MOGUL x ROBUST	22	69	222	130	88	2.93	6.2	75	0.9	1.6	1.63	85	2.66	1.79	-0.24	2438G
LADYS-MANOR GRA MC GRAW-ET	TR CD	99-I	7HO12158	MCCUTCHEN x FREDDIE	56	77	1865	185	96	3.00	3.4	88	-0.9	-0.8	1.94	93	1.79	1.17	-0.99	2437G
BUSH-BROS MOG FAIRFAX-ET	TR TP	99-I	14HO07349	MOGUL x FREDDIE	38	63	881	147	95	2.86	6.1	87	-0.5	2.4	0.80	87	1.63	1.53	-0.73	2436G
LE-O-LA MOGUL GAMBLER	TR TP	100-NA	14HO07303	MOGUL x G W ATWOOD	31	35	1143	87	98	2.74	6.8	86	-0.5	1.7	2.16	95	3.04	2.23	-0.25	2436G
MICHIGAN BUMBLEBEE-ET	TP TC	99-I	1HO10838	BOOKEM x BRONCO	35	77	1139	126	96	3.07	5.0	85	0.0	1.0	2.08	94	1.77	2.38	1.58	2435G
SCHILLVIEW SS GRUNT-ET	TR TP	98-I	14HO07454	SUPERSIRE x JARDIN	57	89	1389	200	91	2.84	3.7	86	-1.2	0.5	0.88	86	0.80	0.15	-0.04	2435G
DEBOER ALTAMALFI-ET	TR CD	100-NA	11HO11450	MAURICE x DIGGER	38	55	544	134	94	2.66	7.9	87	0.8	3.3	0.57	87	0.83	0.86	0.00	2434G
EDG TENACITY-ET	TR TP	100-NA	200HO10032	MOGUL x OBSERVER	24	43	627	85	92	2.66	5.7	87	-0.9	2.2	2.31	89	3.25	1.99	0.43	2434G
BOMAZ PICADOR-ET	TC	99-I	29HO17654	MOGUL x FREDDIE	45	76	1211	160	91	2.91	5.6	87	-1.2	1.6	1.03	86	1.28	1.62	0.21	2433G
CO-OP RAINIER-ET	TP TC	100-NA	1HO10559	OBSERVER x SHARKY	48	85	1651	177	99	2.83	5.8	96	2.2	2.3	0.33	95	0.35	-0.24	-0.43	2433G
DE-SU 11526 COWSANOVA-ET	TC TV	100-NA	29HO16941	MOGUL x TRIGGER	33	64	1029	133	93	2.79	5.6	87	0.6	1.0	1.75	89	2.39	1.63	-0.45	2432G
FARNEAR MCC USHER-ET	TR TP	99-I	7HO12199	MCCUTCHEN x FREDDIE	26	62	160	110	94	2.72	4.4	87	0.0	1.5	2.15	92	1.92	2.19	1.37	2432G
GILLETTE SGO MYPSPACE-ET	TR TP	100-NA	200HO10003	MOGUL x PLANET	43	76	1386	175	96	2.93	6.2	87	0.7	1.8	0.80	93	1.26	0.44	-1.61	2431G
LANGS-TWIN-B PRIOR 4995-ET	TV TL	99-I	7HO12404	PREDESTINE x HILL	26	43	71	112	92	2.68	7.7	86	3.2	5.1	0.57	88	0.91	0.53	-0.65	2431G
DE-SU ROBUST ZEUS 11009-ET	TR BY	100-NA	7HO11597	ROBUST x PLANET	49	37	1482	114	98	3.18	6.6	91	4.9	1.9	1.45	97	2.17	2.03	0.10	2430G
FARNEAR-TBR-BH FLAMER-ET	TC TV	99-I	151HO00700	MCCUTCHEN x PLANET	48	66	940	161	95	3.05	6.0	87	2.1	0.1	1.92	85	1.45	1.42	-0.01	2430G
RICKLAND SUPERSIRE KELBY-ET	TV TL	100-NA	7HO12350	SUPERSIRE x SNOWMAN	54	65	1855	150	93	2.75	4.9	87	0.2	-0.7	2.01	90	2.20	0.62	0.32	2430G
ROYLANE BOOKEM KRUZ 5454-ET	TR TP	99-I	14HO07044	BOOKEM x O MAN	50	68	503	160	92	3.03	4.1	85	1.0	2.3	1.05	89	0.65	1.78	1.19	2430G
DE-SU SABURO 11606-ET	TV TL	100-NA	7HO12281	SHAN x ALTAMETEOR	35	47	889	109	94	2.84	7.5	87	3.1	3.5	1.19	89	1.61	0.99	0.20	2429G
FURNACE-HILL M SUPERIOR-ET	TR TP	100-NA	7HO12248	MOGUL x PLANET	32	58	1145	129	96	2.98	6.7	88	0.5	2.1	1.85	91	2.50	0.81	-1.09	2429G
MR MOGUL BARKLEY-ET	TR TP	99-I	14HO07381	MOGUL x BOWSER	19	54	434	93	93	2.89	5.7	87	0.8	2.1	2.30	88	2.82	2.23	0.37	2429G
MURI SERSE-ET	TV TL	99-I	200HO07763	NUMERO UNO x PLANET	38	69	958	135	93	2.67	5.2	87	0.5	2.4	1.44	93	1.69	0.03	0.79	2429G
VIEW-HOME UTAH-ET	TR TP	99-I	200HO10155	DOORMAN x ROBUST	35	30	719	82	94	2.74	5.7	86	1.7	3.6	2.40	88	1.84	1.01	0.92	2429G

This is NOT the Official Holstein Association Top 100 TPI Bulls List. The official list has the same reliability criteria, but in addition has Semen Status ACTIVE or LIMITED only.