

# HOLSTEIN ASSOCIATION

## HIGH RANKING SIRE REPORT - AUGUST 2018 - 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
EDG RUBICON-ET	TC TY	100-NA	151HO00681	MOGUL x ROBUST	55	120	1280	230	99	2.81	4.8	88	1.2	1.6	2.16	98	1.72	2.61	0.56	2828G
UECKER SUPERSIRE JOSUPER-ET	TC TY	99-I	29HO17553	SUPERSIRE x BEACON	93	110	3309	245	99	2.81	6.1	91	2.6	0.4	1.48	98	1.07	-0.09	1.23	2802G
MR MOGUL DELTA 1427-ET	TC TY	100-NA	203HO01468	MOGUL x ROBUST	56	94	1716	211	99	2.89	6.1	91	1.7	2.7	2.26	99	2.75	1.68	-1.07	2798G
MR MCCUT DANTE 1407-ET	TC TY	99-I	203HO01513	MCCUTCHEN x ROBUST	81	90	2446	227	97	2.85	4.0	83	1.0	1.6	2.21	91	1.70	0.84	0.06	2765G
WEIGELINE JACEY TABASCO-ET	TP TC	99-I	1HO11376	JACEY x BOOKEM	82	61	2240	189	98	2.67	5.3	86	-1.2	4.0	1.79	86	1.22	0.97	0.59	2731G
WOODCREST MOGUL YODER-ET	TR TP	100-NA	7HO12266	MOGUL x PLANET	51	105	1171	218	99	3.04	5.2	90	0.6	2.6	1.86	99	2.06	1.69	-0.51	2730G
S-S-I MONTROSS JEDI-ET	TR TP	99-I	7HO13250	MONTROSS x SUPERSIRE	82	55	2509	171	97	2.78	6.5	85	0.6	3.8	1.72	94	1.73	0.90	1.00	2729G
MR MOGUL DENVER 1426-ET	TC TY	100-NA	151HO00690	MOGUL x ROBUST	73	109	2316	239	99	3.02	2.9	85	-1.7	0.8	2.02	97	2.80	0.79	-0.06	2725G
DE-SU ALTALEAF-ET	TR TP	99-I	11HO11478	ALTAOAK x TRIGGER	69	94	2482	201	99	2.75	4.5	88	1.6	1.6	2.30	95	1.51	1.19	0.64	2712G
MR PRE DIRECTOR 57512-ET	CD TY	100-NA	151HO01602	PREDESTINE x ROBUST	43	59	604	149	94	2.77	7.7	82	6.0	5.1	1.64	88	2.04	1.22	-0.11	2701G
MR MOGUL DION 15008-ET	TC TY	100-NA	203HO01470	MOGUL x ROBUST	55	76	954	199	99	2.65	5.4	88	1.2	3.1	1.27	93	2.04	0.78	-0.98	2675G
MYR-MATT MOGUL PLATINUM	TP TY	100-NA	1HO11096	MOGUL x SUPER	58	87	1773	188	99	2.69	5.0	88	-1.0	2.0	1.99	94	1.74	1.80	0.25	2675G
WESTENRADE ALTASPRING	TR TP	99-I	11HO11437	MOGUL x GERARD	51	81	1134	176	99	3.00	4.4	89	-1.2	2.2	2.38	98	3.21	1.49	0.50	2663G
LARCREST COLLUDE-ET	TC TY	99-I	29HO17784	BALISTO x ROBUST	49	65	863	173	96	2.60	6.9	85	1.6	3.0	1.83	89	1.94	1.28	-0.82	2652G
S-S-I SHAMROCK MYSTIC-ET	TR TP	100-NA	7HO11395	SHAMROCK x SHOTTLE	49	66	1283	157	98	2.65	8.0	93	4.6	6.4	0.60	91	0.42	-0.30	-0.06	2641G
LARCREST COMMANDER-ET	TC TY	99-I	29HO16909	MOGUL x OBSERVER	62	91	1473	204	99	2.86	2.4	89	-2.1	0.4	2.82	97	2.42	1.85	0.48	2640G
BACON-HILL PETY MODESTY-ET	TR TP	100-NA	7HO12600	PETY x SUPERSIRE	41	66	952	166	96	3.07	6.7	84	3.3	3.3	1.76	91	2.52	2.11	-1.56	2638G
COOKIECUTTER HANG-TIME-ET	TR TP	100-NA	7HO12602	MONTROSS x SUPERSONIC	54	89	1211	201	92	2.94	3.1	82	-2.0	2.6	2.12	87	2.68	0.07	-0.37	2631G
MR OAK DELCO 57279-ET	TC TY	99-I	151HO00744	ALTAOAK x ROBUST	68	80	2533	197	97	2.85	5.0	85	2.5	1.7	1.30	91	1.59	0.28	-0.77	2628G
COOKIECUTTER HARPER-ET	TC TY	99-I	29HO17747	BALISTO x EPIC	56	80	512	198	92	2.71	5.1	83	0.0	1.8	1.93	85	1.52	1.65	0.35	2625G
BOMAZ ALTASABRE-ET	TR TP	99-I	11HO11531	JACEY x ROBUST	54	35	1044	117	96	2.48	7.7	84	3.4	4.7	1.96	88	1.34	1.67	1.07	2624G
MR COIN DRACO 15006-ET	CD TY	100-NA	151HO00698	CASHCOIN x ROBUST	62	56	1940	166	98	2.73	7.0	87	3.5	2.7	1.40	96	2.57	-0.87	-0.77	2617G
GLEN-D-HAVEN ALTAHOTROD	TR TP	100-NA	11HO11493	JEROD x ALTAIOTA	67	73	2014	168	98	2.93	2.8	86	0.3	2.7	2.43	94	1.56	1.28	1.49	2616G
S-S-I PARTYROCK PROFIT-ET	TR TP	99-I	7HO13195	PARTYROCK x MOGUL	53	44	1174	146	98	2.67	7.6	86	1.7	3.6	1.28	96	2.28	1.08	-0.65	2615G
COGENT SUPERSHOT	TY TV	100-NA	224HO02881	SUPERSIRE x SUPER	72	55	2324	152	99	2.62	7.1	89	2.2	2.6	1.20	98	0.91	0.43	1.26	2606G
MR DAY DEARING 1445-ET	TC TY	100-NA	203HO01469	DAY x ROBUST	60	71	1856	190	98	2.97	5.5	87	3.1	1.9	1.59	93	2.09	0.52	-1.32	2604G
MR MOGUL DRAMA 1435-ET	TC TY	100-NA	151HO00695	MOGUL x ROBUST	63	75	2054	192	97	2.98	4.9	86	0.6	1.5	1.25	88	2.35	1.29	-0.90	2602G
LARCREST COMMEND-ET	TC TY	99-I	29HO17785	BALISTO x ROBUST	40	81	-262	191	93	2.72	5.5	82	2.1	2.8	1.15	86	1.60	1.74	-0.32	2600G
S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100-NA	7HO11621	SNOWMAN x SOCRATES	81	58	2627	180	99	2.80	5.4	97	4.6	2.5	0.89	98	0.81	0.86	0.28	2599G
BACON-HILL MONTROSS-ET	TR TP	100-NA	7HO12165	MOGUL x BOLTON	80	76	2773	203	99	3.08	2.8	96	-2.2	0.7	1.86	99	2.26	1.29	-0.16	2597G
EILDON-TWEED SSR BELAIR-ET	TR TP	99-I	14HO07418	SUPERSIRE x BOOKEM	55	88	1274	186	98	3.06	5.6	87	1.6	0.6	2.19	95	2.09	1.56	0.82	2597G
CO-OP BSF GATEKEEPER-ET	CD TP	99-I	1HO11327	SUPERSIRE x JEEVES	33	85	518	168	97	2.62	7.8	86	5.2	3.6	0.74	89	0.78	0.59	-0.36	2596G
PEN-COL MARTY-ET	TR TP	99-I	7HO12449	SUPERSIRE x BOOKEM	77	95	2310	199	97	2.81	3.2	86	-0.8	0.2	1.99	92	0.89	-0.07	2.41	2595G
DE-SU ROCKFORD 12250-ET	TR TP	100-NA	7HO12545	RODGERS x SHAMROCK	39	75	1077	148	92	2.63	8.1	80	3.4	4.6	0.40	87	1.04	0.69	0.28	2594G
DE-SU MILLINGTON 12074-ET	TR TP	99-I	7HO12421	MILES x SHAMROCK	49	101	1184	205	97	2.62	3.9	86	1.2	0.8	1.59	93	1.58	0.34	-0.19	2592G
CO-OP ROBUST CABRIOLET-ET	TP TC	99-I	1HO10396	ROBUST x PLANET	52	99	995	232	99	2.89	6.0	99	3.5	2.0	-0.05	99	0.78	0.49	-1.78	2589G
CO-OP DAY TUFFENUFF-ET	TC TY	99-I	1HO11426	DAY x PLANET	78	75	2789	202	99	2.66	4.0	91	1.0	-0.4	1.83	95	2.07	-0.13	-0.45	2588G
LADYS-MANOR OCTOBERFEST-ET	TR TP	99-I	200HO06676	ALTAOAK x DORCY	55	84	1864	160	98	2.58	5.5	86	2.6	1.2	1.56	95	1.26	0.96	1.61	2585G
SEAGULL-BAY SILVER-ET	TC TY	100-NA	29HO17573	MOGUL x SNOWMAN	50	94	1161	184	99	2.95	3.5	91	-1.4	-0.7	2.47	99	2.92	1.90	0.96	2581G
MR AMERICA SURFER-ET	TR TP	100-NA	200HO10188	SHAN x ROBUST	62	90	1622	193	94	2.79	4.3	82	1.5	1.0	1.50	86	1.55	-0.15	1.01	2580G

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VIEW-HOME CC MONTGOMERY-ET		100-NA	7HO12484	CASHCOIN x ROBUST	51	59	1654	156	93	2.76	6.5	84	3.7	3.1	1.68	91	1.97	-0.24	-0.99	2579G
CO-OP RENEGADE-ET	TP TC	99-I	1HO11863	MCCUTCHEM x G W ATWOOD	42	82	1168	154	99	3.01	3.5	88	-1.7	2.1	2.81	93	2.09	2.86	0.92	2578G
RI-VAL-RE RAGER-RED-ET	TP TC	99-I	7HO12344	RELIEF P x OBSERVER	49	67	1361	144	98	2.78	5.2	86	2.4	2.2	2.45	94	1.77	2.01	0.99	2578G
S-S-I PARTYROCK SURE FIT-ET		100-NA	7HO13189	PARTYROCK x MAXUM	32	72	478	144	91	2.56	7.9	81	3.5	3.3	1.50	87	1.39	1.00	0.13	2578G
S-S-I SUPERSIRE TETRIS-ET	TR TP	99-I	7HO11985	SUPERSIRE x DOMAIN	64	94	2166	206	98	2.74	5.7	86	2.9	1.4	0.69	92	0.71	-0.24	-0.13	2578G
VIEW-HOME MANDATE-ET	TR TP	100-NA	200HO10196	DAY x ROBUST	56	92	1738	205	97	2.67	4.4	86	1.6	1.5	1.75	94	1.14	-0.72	-0.87	2578G
BRYHILL ALTAHOTSHOT-ET	TR TP	100-NA	11HO11523	PRIDE x CAMERON	44	85	1557	162	96	2.88	5.8	84	3.0	3.3	0.66	87	1.71	0.67	0.25	2576G
S-S-I BOOKEM MORGAN-ET	TR TP	99-I	7HO11383	BOOKEM x SHOTTLE	55	67	1635	159	99	2.73	6.3	97	1.8	2.7	1.47	98	1.24	1.02	0.27	2573G
MR BOMAZ ALTAMEGLO-ET	TR TP	99-I	11HO11499	SUPERSIRE x FREDDIE	62	73	1962	187	98	3.15	6.2	86	2.3	3.6	0.76	87	0.75	1.27	-0.79	2572G
EDG MOGUL RUGER 8071-ET	TC TY	100-NA	151HO00718	MOGUL x ROBUST	52	81	1347	176	91	2.90	4.2	81	-0.1	1.3	1.90	88	1.61	1.99	0.31	2570G
OCD RODGERS FRANCHISE-ET	TR TP	100-NA	7HO12601	RODGERS x MOGUL	34	51	824	112	91	2.82	6.0	81	2.1	4.2	1.59	85	2.40	1.81	0.37	2566G
OCD JABIR HEISENBERG-ET	TR TP	99-I	7HO12569	JABIR x MOONBOY	34	52	591	93	91	2.71	4.5	82	0.4	4.1	2.61	86	2.17	1.86	2.32	2564G
J-MOR SS HOMER-ET	TR TP	100-NA	14HO07489	SUPERSIRE x MAN-O-MAN	69	91	2271	200	94	2.83	4.4	84	3.0	0.4	1.08	85	0.86	0.32	0.69	2563G
ROYLANE BOOKEM BOB 5170-ET	TR TP	99-I	7HO11752	BOOKEM x O MAN	56	71	795	178	99	2.98	2.9	93	-0.3	3.4	1.64	96	1.68	0.74	0.61	2563G
S-S-I MOGUL REFLECTOR	TR TP	99-I	7HO12105	MOGUL x SUPER	72	44	1755	147	99	2.74	5.9	93	-0.3	1.7	1.81	98	1.64	1.21	1.36	2562G
VIEW-HOME LITTLEROCK-ET	TR TP	100-NA	200HO10195	CASHCOIN x ROBUST	52	65	1086	182	97	2.72	6.3	86	2.6	3.7	0.89	93	1.34	-0.52	-1.45	2562G
APRILDAY EQUINOX 654-ET	TR TP	99-I	14HO07426	SUPERSIRE x SOTO	36	103	635	188	92	2.61	5.9	84	3.6	1.5	0.92	89	1.34	0.55	0.18	2561G
DE-SU 11228 TOPSY-ET	TC TY	99-I	29HO16667	BOOKEM x WATSON	64	82	1506	192	99	2.75	3.3	94	0.0	0.1	1.75	96	1.43	1.03	0.79	2561G
ZIMMERVIEW MOGUL BUTLER-ET	TR TP	100-NA	7HO12195	MOGUL x PLANET	64	56	1881	161	99	2.94	5.7	90	0.6	2.5	1.56	95	1.07	1.95	0.04	2557G
CO-OP PRINCETON-ET	TP TC	99-I	1HO11881	SUPERSIRE x DOLCE	81	107	2691	247	98	2.81	4.1	86	1.2	-4.2	1.72	90	1.78	0.29	-0.17	2555G
DE-SU LTM PONDER 11345-ET	TY TV	100-NA	7HO12021	LITHIUM x RUSSELL	41	48	1588	107	99	2.69	8.3	94	5.3	6.8	-0.17	97	0.53	0.11	0.38	2555G
MR OCD ROBUST DONATELLO-ET	TR TP	100-NA	7HO11525	ROBUST x PLANET	48	75	1183	184	99	2.87	3.9	98	3.3	3.0	1.11	98	1.34	0.79	-1.32	2555G
CO-OP UPD HUNTER SALVINO	TP TY	100-NA	1HO11022	HUNTER x MASSEY	65	99	1385	234	99	3.02	0.2	95	-3.4	2.3	1.25	96	1.62	-0.28	-0.55	2554G
DE-SU 11236 BALISTO-ET	TC TY	99-I	29HO16714	BOOKEM x WATSON	68	79	939	215	99	2.65	4.4	96	-0.7	-0.4	1.55	99	1.02	1.43	0.12	2554G
SANDY-VALLEY GRAM-ET	TR TP	100-NA	200HO09137	MOGUL x ALTAIOTA	31	89	885	164	98	3.08	3.4	86	-0.7	2.7	2.34	92	2.18	2.32	-0.47	2550G
SEAGULL-BAY SUPERSIRE-ET	TR TP	100-NA	7HO11351	ROBUST x PLANET	61	97	1938	204	99	2.82	5.9	99	2.6	0.6	0.86	99	0.68	-0.06	0.22	2548G
DE-SU ROOKIE 11057-ET	TR TP	99-I	7HO11708	BOOKEM x BRONCO	45	82	1067	177	96	2.69	5.3	87	1.5	1.4	1.70	93	1.52	0.97	-0.33	2547G
COASTAL-VIEW MOOKIE-ET	TR TP	100-NA	14HO07328	MOGUL x OBSERVER	27	106	49	189	99	2.91	4.1	89	0.4	1.0	1.72	94	2.38	1.37	-0.16	2545G
EDG BLACKGOLD-ET	TC TY	100-NA	29HO17550	NUMERO UNO x ROBUST	59	81	1438	194	96	3.13	2.7	86	0.8	2.2	1.72	90	1.07	1.64	-0.16	2545G
VIEW-HOME MONTEREY-ET	TC TY	99-I	29HO16955	MCCUTCHEM x ROBUST	38	51	701	121	99	2.97	3.4	91	1.1	1.7	3.50	99	3.02	1.90	0.44	2544G
LAMBRECHT SHAW AICON-ET	TR TP	99-I	7HO12422	SHAW x BOOKEM	72	55	2508	149	96	3.03	3.3	85	0.4	0.8	2.63	90	2.02	2.03	1.21	2543G
LADYS-MANOR GREGARIOUS-ET	TR TP	100-NA	7HO12157	MOGUL x BRONCO	45	82	1003	166	99	3.16	2.0	88	-3.2	3.0	2.12	96	2.61	1.97	0.61	2540G
HAR-DALE-ACRES-JP ALTACR-ET	TR TP	100-NA	11HO11434	MOGUL x TRIGGER	34	84	501	168	99	2.94	4.1	91	2.2	1.3	1.54	95	2.62	1.97	-0.31	2537G
BACON-HILL MAGUIRE-ET	TR TP	100-NA	7HO12256	SUPERSIRE x BOLTON	56	113	1462	217	98	2.76	2.8	87	0.8	-1.0	1.39	93	0.94	0.65	0.80	2535G
S-S-I GRIN TONKA-ET	TY TV	99-NA	7HO13082	GRIN x ROBUST	44	94	1098	207	93	2.82	6.0	83	3.0	1.7	0.56	85	0.89	0.78	-1.69	2534G
S-S-I STERLING TRENTON-ET	TR TP	100-NA	7HO13094	STERLING x ROBUST	44	77	330	180	98	2.78	6.6	85	3.9	1.2	1.43	90	1.49	1.12	-0.11	2533G
S-S-I SUPERSIRE MODESTO-ET	TR TP	99-I	7HO13035	SUPERSIRE x BOOKEM	65	55	1757	139	99	2.91	4.9	86	0.5	1.5	1.90	93	1.67	1.35	2.00	2532G
S-S-I EPIC MIDNIGHT-ET	TR TP	100-NA	7HO11946	EPIC x SOCRATES	46	52	1065	138	99	2.71	6.9	95	4.3	4.2	0.65	97	1.56	0.31	-0.12	2529G
DE-SU 11620 NIRVANA-ET	TC TY	100-NA	29HO16887	MOGUL x PLANET	72	66	1934	181	99	2.77	3.4	88	-1.2	-0.3	1.73	94	1.94	1.15	0.61	2528G
KOEPON ALTACORNELL	TR TP	99-I	11HO11440	SUPERSIRE x MAN-O-MAN	50	73	1658	156	97	2.86	5.9	85	3.3	1.1	1.52	89	1.95	0.85	0.30	2528G

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REGANCREST MATHEO-ET	TR TY	100-NA	200HO09139	SALOON x SNOWMAN	58	85	1873	164	93	2.85	1.4	85	-0.3	-1.1	3.21	92	2.64	1.43	1.84	2527G
BRYANCHOLME BRODIE-ET	TR TC	100-NA	29HO17726	SUPERSIRE x MAN-O-MAN	69	63	2767	165	97	3.05	4.9	86	3.2	1.4	1.55	94	1.28	1.29	-0.15	2526G
EDG SKATEBOARD-ET	TR TP	100-NA	200HO06530	NUMERO UNO x RUSSELL	24	102	314	170	98	2.61	2.8	88	0.6	2.6	1.81	95	1.80	0.53	0.16	2526G
ELI023 MASTERFUL-ET	TR TP	100-NA	200HO06628	MOGUL x SNOWMAN	63	74	1622	176	98	2.80	2.6	87	-2.1	0.2	2.15	95	1.67	1.62	0.91	2525G
EILDON-TWEED CHOPS-ET	TR TP	100-NA	14HO07337	MOGUL x MAN-O-MAN	45	85	996	181	98	3.02	1.2	85	-2.7	1.1	2.32	95	2.72	1.65	-0.24	2522G
MR AMERICA DAFT PUNK-ET	TC TY	100-NA	147HO02471	DAY x ROBUST	49	40	1548	114	94	2.68	6.2	83	3.3	3.4	1.79	88	2.05	0.30	0.28	2522G
S-S-I YANCE IRONBACK-ET	TR TP	100-NA	7HO13111	YANCE x MAXUM	43	77	1193	157	97	2.90	5.6	86	0.8	4.3	0.48	89	1.35	0.17	0.24	2521G
CO-OP DAY TWINKIE-ET	TP TC	99-I	1HO11425	DAY x PLANET	65	78	2517	189	99	2.76	4.8	90	2.2	1.2	1.17	92	1.64	-0.88	-0.73	2520G
RI-VAL-RE SSI SS NOLAN-ET	TR TP	100-NA	7HO12237	SUPERSIRE x SUPER	49	81	1162	162	97	2.70	4.7	84	0.8	2.6	1.27	87	0.52	0.44	1.23	2517G
VIEW-HOME DAY MISSOURI-ET	TC TY	100-NA	147HO02462	DAY x ROBUST	55	52	1937	150	96	2.67	4.6	86	1.6	1.4	1.64	93	2.01	0.89	-1.01	2517G
MIDAS-TOUCH JACY PAGEONE-ET	TR TP	99-I	7HO12556	JACEY x MOGUL	44	47	1224	134	92	2.58	6.8	81	1.6	3.3	1.01	86	1.14	1.98	-0.85	2514G
PLAIN-KNOLL DONA BAYONET-ET	TR TP	100-NA	7HO12236	DONATELLO x SHAMROCK	50	58	1468	140	99	2.92	4.8	88	4.2	3.2	2.11	98	1.82	1.04	0.36	2514G
VIEW-HOME UTAH-ET	TR TP	99-I	200HO10155	DOORMAN x ROBUST	41	36	1079	99	98	2.66	5.5	87	2.2	3.7	2.46	95	2.08	0.83	0.56	2514G
ZAHBULS AVIATOR-ET	TR TP	99-I	200HO10088	SUPERSIRE x FREDDIE	35	57	602	106	97	2.65	6.6	86	2.2	3.6	0.90	94	1.23	2.03	1.93	2512G
RICHMOND-FD EL BOMBERO-ET	TR TP	100-NA	200HO03950	NUMERO UNO x SUPER	38	66	1464	117	99	2.48	5.3	94	0.6	1.9	1.97	99	1.96	0.50	1.16	2511G
S-S-I MOONRAY MR RIGHT-ET	TR TP	99-I	14HO13104	MOONRAY x BOOKEM	55	61	1414	143	93	2.93	4.5	84	1.0	2.5	1.69	88	1.15	1.78	1.32	2510G
EDG UNO RUSSIAN 1417-ET	TC TY	100-NA	203HO01464	NUMERO UNO x ROBUST	52	75	1407	160	97	2.84	3.6	84	0.8	2.3	1.56	89	1.05	0.83	0.87	2509G
RICHMOND-FD JC BARNABY-ET		100-NA	7HO12168	CAMERON x SUPER	29	58	696	111	95	2.58	6.1	86	2.5	2.9	1.88	91	2.02	1.69	0.56	2509G
VIEW-HOME POWERBALL-P-ET	TR PC	100-NA	534HO00031	EARNHARDT P x ROBUST	64	48	1318	165	98	3.09	2.1	88	1.1	3.6	1.81	97	1.71	0.02	-0.25	2509G
DE-SU 12128 TAILOR-ET	TC TY	99-I	29HO17706	LA-BRON x SHAMROCK	37	50	685	125	94	2.51	6.3	83	2.1	4.3	1.54	88	1.61	-0.13	-0.13	2508G
EDG ALTAJANGO-ET	TR TP	99-I	11HO11537	TANGO x SHAMROCK	34	63	557	126	94	2.78	4.7	83	0.3	2.7	2.10	87	2.13	1.98	0.88	2508G
MR AMERICA EMPIRE-ET	TC TY	99-NA	29HO17711	ALTAEMBASSY x ROBUST	50	71	1810	144	92	2.81	5.1	82	3.3	3.4	1.00	89	0.94	0.00	0.88	2508G
MR DELICIOUS LIONEL-ET	TR TP	99-I	200HO10034	MCCUTCHEM x ROBUST	62	76	2164	188	95	2.90	3.0	83	0.2	1.2	1.47	90	1.24	0.60	-0.79	2508G
EDG MOGUL ROWDY 8065-ET	TC TY	100-NA	151HO00756	MOGUL x ROBUST	57	90	2015	194	92	2.93	3.8	81	-0.6	-0.2	1.41	86	1.35	1.74	-0.39	2507G
SANDY-VALLEY SALOON-ET	TR TP	100-NA	200HO02792	ALTAIOTA x PLANET	75	86	2241	194	99	3.04	-0.2	95	-1.7	-0.3	2.68	98	1.29	0.97	1.66	2506G
T-SPRUCE ALTAJAKE-ET	TR TP	100-NA	11HO11422	PETRONE x OBSERVER	31	36	1334	85	97	2.65	5.7	88	1.8	4.5	2.26	95	2.22	1.82	-0.25	2506G
TRANQUILLITY AC PRIDE-ET	TY TV	100-NA	147HO02442	ROBUST x BOLIVER	36	91	871	179	98	3.06	5.6	89	3.1	2.1	1.02	94	1.62	0.85	-0.66	2505G
OCD TOPROCK DELHI-ET		100-NA	7HO12509	ALTATOPROCK x DORCY	43	35	1494	99	93	2.87	5.9	83	3.2	4.5	1.89	87	2.39	0.95	0.10	2504G
S-S-I SUPERSIRE BALLGAME-ET	TR TP	100-NA	7HO11986	SUPERSIRE x ALTAROSS	71	94	2150	222	94	2.80	5.1	84	1.6	0.8	0.72	90	-0.33	-1.05	-0.24	2504G
ST GENOMICPRO DOC-ET	TC TY	100-NA	151HO00656	SHAMROCK x BOGART	45	81	1356	172	98	2.77	4.4	88	2.1	2.4	1.29	90	0.77	0.59	-0.45	2504G
BACON-HILL MONTY-ET	TR TP	100-NA	14HO07347	MOGUL x BOLTON	55	91	1899	204	95	2.90	2.2	85	-2.1	-0.2	1.29	91	2.04	1.66	-1.30	2503G
CLEAR-ECHO PELLO 237-ET		99-I	7HO12435	PREDESTINE x FREDDIE	7	72	-454	125	95	2.70	8.6	85	4.0	3.8	1.46	92	1.53	2.18	-0.86	2503G
DE-SU 12201 CARNAGE-ET	CD	100-NA	29HO17728	CASHCOIN x MOGUL	31	79	441	165	93	2.68	5.1	83	1.3	0.7	1.97	87	2.97	0.33	-0.93	2502G
MR MOVIESTAR MARDI GRAS-ET	TR TP	100-NA	534HO00025	MOGUL x PLANET	35	64	623	131	98	2.87	4.0	89	0.3	3.1	1.66	97	2.83	0.87	0.62	2502G
S-S-I ZEUS CHESNEY-ET	TY TV	99-I	7HO13122	ZEUS x BOOKEM	48	36	1487	102	93	2.81	7.5	84	4.3	4.4	1.03	86	1.07	1.84	0.76	2501G
PINE-TREE ALTABARK-ET	TR TP	99-I	11HO11487	ALTAOAK x PLANET	86	92	2894	245	97	2.96	3.5	85	1.7	-1.0	0.96	85	0.11	0.47	-1.10	2499G
DEBOER AMARILLO CRI-ET	CD TP	100-NA	1HO11725	SUPERSIRE x DIGGER	54	48	1728	119	95	2.77	4.7	86	1.6	2.3	1.80	89	1.54	1.41	1.23	2497G
S-S-I TWIST MONARCH-ET	TY TV	100-NA	7HO11386	TWIST x SHOTTLE	43	74	969	148	99	2.84	5.5	96	3.1	4.3	0.33	94	0.60	1.04	0.97	2495G
WEBB-VUE SPARK 2060-ET	TR TP	100-NA	7HO12418	SUPERSIRE x GABOR	67	64	2574	158	99	2.63	5.9	87	1.9	-0.8	1.47	97	1.68	0.09	0.54	2495G
BUSH-BROS ALTASTRATIFY-ET	TR TP	99-I	11HO11462	SUPERSIRE x FREDDIE	74	64	2033	183	98	2.97	5.8	86	1.8	1.8	0.55	92	0.68	0.13	0.45	2494G

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# HOLSTEIN ASSOCIATION

## HIGH RANKING SIRE REPORT - AUGUST 2018 - 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 LAWMAN-ET	TP TC	100-NA	1HO11545	MOGUL x MAN-O-MAN	61	61	1281	168	99	2.79	2.5	92	-2.6	0.8	2.02	96	1.62	2.33	0.37	2494G
RICHMOND-FD MOGUL LUIS	TR TP	100-NA	7HO12326	MOGUL x DEANN	37	89	884	169	94	2.82	3.6	85	-0.7	0.7	1.81	92	1.67	2.11	0.06	2494G
WILLSBRO ATWORK-ET	RC TY	100-NA	200HO07823	SUPERSIRE x SUPER	33	69	564	145	93	2.73	6.5	82	3.2	3.5	0.71	87	1.28	0.89	-0.27	2494G
ROYLANE SOCRA ROBUST-ET	TR TV	100-NA	7HO10524	SOCRATES x O MAN	43	71	948	171	99	2.95	6.0	99	5.2	1.9	0.61	99	1.21	1.48	-1.12	2492G
VIEW-HOME UNO IDAHO-ET	TY TV	100-NA	14HO07420	NUMERO UNO x ROBUST	20	61	50	119	94	2.56	5.0	86	1.5	3.7	2.50	88	2.15	0.12	-0.20	2492G
WELCOME SS PETERPAN-ET	TR TP	99-I	7HO12255	SUPERSIRE x BOOKEM	74	105	2250	229	99	2.96	2.5	87	-1.5	-0.3	0.92	96	-0.02	0.30	0.59	2492G
LONE-OAK-ACRES ALTAROBLE-ET	TR TP	100-NA	11HO11380	MOGUL x OBSERVER	32	37	860	89	98	2.74	4.0	89	0.4	3.2	2.70	96	3.18	1.72	0.36	2491G
MORSAN CAEDMON-ET	TY TV	99-I	7HO12417	NUMERO UNO x ROBUST	30	78	751	147	92	2.43	4.8	83	1.0	1.1	1.18	85	1.90	1.93	-0.25	2491G
WEIGELINE S-SIRE SANGRIA-ET	TP TY	99-I	1HO11373	SUPERSIRE x BOOKEM	58	57	1659	166	99	2.71	6.9	86	4.3	1.3	0.42	91	0.99	0.67	-0.89	2491G
LONE-OAK-ACRES ALTARABO-ET	TR TP	100-NA	11HO11379	MOGUL x OBSERVER	35	68	864	136	98	2.61	3.7	86	-1.4	0.9	2.07	95	2.85	1.50	0.22	2490G
MR AMERICA CANUTO-ET	TM TC	100-NA	29HO17649	CASHMONEY x ROBUST	34	59	580	130	92	2.74	5.9	82	3.8	2.2	1.45	91	2.19	1.27	0.08	2490G
WINNING-WAY MOONRAKER	TC TY	100-NA	29HO16962	MOGUL x ALTABAXTER	42	79	1152	172	99	3.08	4.0	88	0.0	1.2	1.79	94	1.93	1.75	-0.82	2490G
HENDEL MR MADRON-ET	TR TP	99-I	7HO12387	ALTAJACKMAN x GRAFEETI	64	57	2064	178	97	2.56	4.6	86	-0.1	0.9	1.08	91	2.11	0.46	-1.55	2489G
MICHIGAN DAYBREAK 1302-ET	TR TP	99-I	14HO07511	ALTAOAK x BOOKEM	52	71	1556	154	94	2.92	4.1	84	1.3	-1.0	2.43	89	2.23	2.32	0.75	2489G
SNOWBIZ SYMION-ET	RC TP	100-NA	223HO00017	SYMPATICO *RC x SNOWMAN	33	54	871	121	86	2.91	3.9	77	2.1	2.8	1.73	85	2.50	2.69	-0.33	2489G
LACTOMONT LAUNCH MOGUL	CD TY	100-NA	147HO02457	MOGUL x MAN-O-MAN	49	66	1184	151	94	2.74	3.3	81	-2.0	0.5	2.01	91	2.71	0.88	0.52	2488G
BACON-HILL MANNING-ET	TC TY	99-I	29HO17787	BALISTO x O-STYLE	65	60	1661	174	91	2.86	3.7	81	0.3	1.0	1.81	87	1.08	1.04	-0.09	2487G
MINNIGAN-HILLS DISNEY-ET	TR TP	99-NA	200HO10062	SALOON x FREDDIE	58	75	1631	160	93	3.05	1.1	85	-0.8	1.5	2.25	92	1.47	1.38	1.54	2487G
MR UNO DESIGN 1428-ET	TC TY	100-NA	151HO00693	NUMERO UNO x ROBUST	46	52	1327	134	94	2.56	4.9	84	1.9	2.6	1.61	89	1.83	0.49	-0.24	2487G
LANGS-TWIN-B PRIOR 4995-ET	TY TV	99-I	7HO12404	PREDESTINE x HILL	31	52	350	132	94	2.69	5.6	85	3.7	5.7	0.45	90	0.75	0.41	-0.90	2486G
MS WELCOME UNO TUFFY CRI-ET	TP TC	100-NA	1HO11484	NUMERO UNO x COLBY	46	57	924	133	96	2.63	2.8	85	-0.9	3.6	1.53	89	1.24	1.21	1.01	2486G
KINGS-RANSOM R RACKET-ET	TR TP	100-NA	7HO11519	ROBUST x MANGO	51	67	920	173	95	2.92	5.7	87	5.3	1.2	0.72	92	1.20	1.33	-0.39	2485G
MR DREARY XY-ET	TC TY	100-NA	513HO00016	SUPERSIRE x BOLIVER	50	86	931	186	88	2.96	6.0	80	3.8	2.0	0.54	85	0.53	-0.09	0.34	2485G
MR SHOT DOZER 1491-ET	TC TY	100-NA	151HO00696	SHOTGLASS x ROBUST	42	32	1210	102	99	2.48	6.5	87	4.2	3.3	0.95	95	2.09	1.21	-0.12	2485G
SPRUCE-HAVEN STOIC-ET	TP TC	99-I	1HO11048	EPIC x TRIGGER	64	37	1624	144	99	2.69	5.4	94	2.4	0.3	1.93	97	2.31	1.32	-0.15	2485G
LADYS-MANOR L-BRN AMRYN-ET	CD TV	99-NA	29HO17740	LA-BRON x DORCY	51	57	1579	158	94	2.57	6.7	82	4.5	3.3	0.51	87	0.42	0.04	-1.23	2484G
DE-SU MG DAVINCI 11288-ET	TR TP	100-NA	7HO12014	MOGUL x WATSON	46	71	728	157	99	2.74	3.4	92	-1.2	0.0	2.02	97	2.53	1.74	0.84	2483G
FLEVO GENETICS WHATSAPP-ET	RC TL	100-NA	97HO41161	SUPERSIRE x SUPER	24	41	-78	98	88	2.69	7.4	81	4.0	4.6	1.36	88	2.06	0.95	0.25	2483G
MR AMERICA EXPLORER-ET	RC TP	100-NA	29HO17636	EFFECT P-RED x ROBUST	31	62	726	127	95	2.73	6.2	86	3.8	3.8	0.82	88	1.57	0.87	-0.04	2482G
RICHMOND-FD LOUSIRE-ET	TY TV	100-NA	7HO12169	SUPERSIRE x DEANN	31	58	789	114	99	2.61	7.0	87	3.3	3.1	1.01	87	1.57	0.60	0.49	2481G
LESMAR SHN MICKEY MARSO-ET	TY TV	100-NA	7HO12238	SHAN x ROBUST	50	66	1181	169	97	2.98	5.0	84	1.5	2.1	1.27	89	1.77	0.07	-0.76	2480G
MORNINGVIEW MCC KINGBOY-ET	TR TP	99-I	7HO12198	MCCUTCHEN x SUPER	40	47	1265	91	99	2.69	3.0	93	-2.1	2.2	3.13	99	2.57	1.27	1.90	2480G
DE-SU MGL GREENWAY 11396-ET	TR TP	100-NA	7HO12026	MOGUL x PLANET	61	79	1779	189	99	3.02	1.7	92	-2.7	1.1	1.87	97	1.33	1.40	-0.17	2479G
RIVER-BRIDGE CO-OP TESLA-ET	TY TV	99-NA	1HO11379	TANGO x FREDDIE	47	72	1451	149	97	2.78	4.9	86	0.8	2.5	1.24	86	0.99	0.81	0.64	2479G
FARNEAR-BH MR MCGIRT-ET	TR TP	100-NA	7HO12131	MOGUL x DOMAIN	49	76	1893	137	99	2.76	2.8	89	-3.1	0.8	1.72	94	1.89	1.89	1.66	2478G
SLO-TRAIN ALTACAIN	TR TP	100-NA	11HO11337	MAUI x INDIANA	32	69	535	150	99	2.69	4.6	92	2.0	2.5	1.52	94	1.67	1.09	-0.73	2478G
BOMAZ ALTAENTRUST-ET	TR TP	100-NA	11HO11314	ROBUST x MAN-O-MAN	39	74	416	166	99	2.72	3.6	94	2.5	3.3	0.68	94	0.61	1.01	-0.26	2477G
PINE-TREE SENATOR	TR TC	100-NA	29HO17704	SUPERSIRE x OBSERVER	31	54	814	130	93	2.88	5.9	81	3.1	2.8	1.69	85	2.81	0.62	-1.28	2477G
RH SUPERMAN-ET	TR TP	100-NA	200HO07846	SUPERSIRE x MAN-O-MAN	61	93	1686	195	98	2.90	4.5	86	1.8	0.8	0.88	92	0.19	-0.08	0.95	2477G
RICKLAND SUPERSIR BRUTUS-ET	TP TY	100-NA	1HO11070	SUPERSIRE x SUPER	54	73	1681	169	99	2.83	5.2	87	1.9	1.9	1.19	92	0.63	0.70	-0.15	2477G

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## HIGH RANKING SIRE REPORT - AUGUST 2018 - 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			
DE-SU MAURICE GUST 11697	TR TP	99-I	7HO12342	MAURICE x BOOKEM	63	58	1515	156	94	2.75	5.3	86	0.8	1.1	1.70	92	1.28	0.44	1.00	2476G
EDG CONVERSE-ET	TR TP	99-I	200HO10197	DOORMAN x ROBUST	33	72	124	134	91	2.40	4.1	80	-0.5	-0.2	2.39	87	2.26	1.68	1.64	2476G
RICHMOND-FD FB CABBY	TC TY	99-I	29HO17824	CABRIOLET x FACEBOOK	47	86	625	183	92	2.80	3.6	82	0.9	1.8	1.03	86	0.89	0.41	0.57	2476G
L-L-M-DAIRY ALTAPONDER-ET	TY TV	99-I	11HO11287	SHAMROCK x JET STREAM	47	36	1993	105	95	2.73	7.2	87	3.6	3.9	1.56	92	1.32	0.98	-0.39	2474G
S-S-I MASSEY MACHETE-ET	TY TV	100-NA	7HO13065	MASSEY x SHAMROCK	44	64	1403	128	96	2.66	5.3	87	1.3	3.5	0.92	87	0.94	0.96	1.06	2474G
INSIDER-ET	TM TY	99-NA	180HO86008	MOGUL x FREDDIE	39	54	1158	121	98	2.65	5.1	86	0.5	0.7	1.95	88	2.25	2.66	0.21	2470G
SNOWBIZ LEEROY-ET	TR TP	99-NA	200HO10142	GALAXY x SNOWMAN	47	49	1685	116	95	2.76	4.1	85	0.8	1.7	2.37	93	2.25	1.43	0.59	2470G
MOUNTFIELD MXR CLARENCE-ET	RC	100-NA	7HO12103	MIXER x DESTROY*RC	29	72	-294	150	94	2.72	2.3	84	-2.1	1.6	2.43	88	2.75	1.64	0.34	2469G
SEAGULL-BAY MVP-ET	TC TY	100-NA	29HO16888	MOGUL x PLANET	41	71	470	159	99	2.86	4.1	92	-0.4	1.0	1.95	96	2.27	1.33	0.28	2468G
SONNEK BRONO GAUGE-ET	TY TV	100-NA	29HO17630	BRONO x GERARD	46	57	826	146	96	2.95	3.5	85	1.0	0.3	2.54	89	3.35	1.46	0.10	2466G
SULLY ROBUST MONOCEROTIS-ET	TR TP	100-NA	7HO11839	ROBUST x PLANET	54	57	1622	168	95	2.91	4.5	88	1.9	1.9	0.95	93	1.39	1.30	-1.59	2466G
DE-SU MGL GARZA 11388-ET	TR TP	100-NA	7HO12024	MOGUL x PLANET	36	60	981	113	95	2.86	3.3	87	0.0	1.4	2.24	93	2.65	2.06	1.29	2465G
S-S-I MOGUL MULTIPLY-ET	TR TP	99-I	7HO11915	MOGUL x ROBUST	19	45	-88	92	99	2.77	5.8	87	1.5	4.7	1.16	93	2.20	2.66	0.37	2465G
VELTHUIS LANIGAN-ET	TR TP	100-NA	200HO06622	MOGUL x BRUNO	38	109	315	221	99	2.90	2.9	86	-0.7	-1.1	1.24	95	1.97	1.18	-1.03	2465G
CO-OP MOGUL STAMINA CRI-ET	TP TC	100-NA	1HO11541	MOGUL x MASSEY	27	70	558	138	99	2.73	3.2	88	-2.1	2.0	1.67	91	2.62	1.69	-0.50	2464G
CO-OP ROBUST YOOHOO-ET	TP TC	100-NA	1HO10579	ROBUST x ENCINO	32	44	564	113	99	2.95	7.1	98	5.5	4.9	0.67	94	1.41	1.47	-0.38	2464G
SEAGULL-BAY TOUCHDOWN-ET	TC TY	99-I	76HO00710	HEADLINER x DORCY	48	84	1374	165	95	2.82	3.4	83	1.6	-0.2	1.98	90	1.59	1.67	0.86	2464G
THREE-STAR CIVIC-ET	TC TY	99-I	29HO17625	PETRONE x BOOKEM	34	29	810	85	95	2.55	6.5	86	2.7	3.8	1.86	90	1.57	1.57	0.25	2463G
DE-SU RENNIE 11023-ET	TR TP	100-NA	7HO11833	ROBUST x PLANET	43	78	1272	178	96	3.02	5.6	89	4.5	0.9	1.06	94	1.96	0.23	-1.42	2462G
EDG JEWEL JUMP 8437-ET	TR TP	99-I	14HO07544	MOGUL x SHAMROCK	28	38	1052	90	95	2.80	6.6	84	-0.1	4.1	1.67	89	2.62	1.74	-0.52	2460G
MATT-DARI MOGUL PAYTON-ET	TR TP	100-NA	14HO07340	MOGUL x MAN-O-MAN	45	49	1029	126	99	2.62	2.7	89	-2.4	3.2	1.20	97	2.29	0.42	0.39	2459G
MR OCD EPIC DRAGONHEART-ET	TR TP	100-NA	7HO12111	EPIC x PLANET	46	54	1941	123	98	2.91	4.7	86	3.4	2.4	1.52	88	2.03	0.97	-0.06	2459G
REGANCREST MASCAL 10773-ET	TR TP	99-I	7HO12379	MASCALESE x DORCY	40	41	1597	88	96	2.67	3.2	85	0.7	2.5	2.07	93	2.67	1.54	1.02	2459G
DE-SU SS HONEYBEE 11569-ET	TR TP	99-I	7HO12212	SUPERSIRE x BOOKEM	44	61	1301	128	99	2.75	4.5	90	2.2	1.5	1.68	96	1.51	0.49	0.90	2458G
REGANCREST BRIGHAM-ET	TR TP	100-NA	200HO10079	NUMERO UNO x DORCY	13	49	456	71	97	2.79	4.4	86	1.4	4.8	2.63	96	2.58	1.51	0.72	2458G
VIEUXSAULE CAPTAIN-ET	TR BY	99-I	200HO10205	ALTAOAK x SUDAN	57	74	1639	157	92	2.80	4.5	83	3.0	-1.0	1.95	91	1.35	1.09	1.45	2458G
CO-OP MINTMAKER TRIVIA-ET	TP TC	99-I	1HO11562	MINTMAKER x PLANET	38	93	756	177	99	2.92	3.6	92	2.7	2.4	0.84	91	1.11	-0.31	0.18	2457G
S-S-I CASHCOIN VANDYKE-ET	TL TD	100-NA	7HO13138	CASHCOIN x SHAMROCK	35	51	783	123	93	2.62	7.4	84	3.6	3.6	0.81	89	1.70	0.01	-0.30	2457G
S-S-I CASHCOIN VICTOR-ET	TY TV	100-NA	7HO13139	CASHCOIN x SHAMROCK	55	49	1962	145	94	2.83	6.3	84	2.6	2.5	0.92	88	1.59	0.31	-0.91	2457G
S-S-I STERLING DAMARIS-ET	TR TP	99-I	7HO13093	STERLING x BOOKEM	42	48	1262	127	99	2.98	7.4	88	2.7	3.0	1.57	98	1.73	1.44	-0.60	2457G
EDG DEMAN-ET	TR TP	100-NA	534HO00026	MOGUL x G W ATWOOD	37	73	316	146	96	2.91	1.4	85	-4.7	0.0	3.19	94	2.88	2.81	1.11	2456G
S-S-I COBRA MCLOVIN-ET	TR TP	100-NA	7HO11636	COBRA x SOCRATES	46	74	811	162	94	2.71	3.3	86	3.1	2.5	1.07	90	0.46	0.86	0.59	2456G
VIEW-HOME DADDY MEXICO-ET	TY TV	100-NA	147HO02464	DADDY x ROBUST	55	66	1986	160	94	2.92	5.0	85	2.6	0.0	2.04	87	1.57	0.75	-0.47	2456G
NO-FLA ALTAEDITION-ET	TR TP	99-I	11HO11391	MAURICE x PLAN	57	64	1329	179	98	2.86	6.8	89	2.9	3.0	-0.20	91	0.34	-0.25	-0.83	2455G
DE-SU 11941 OLDORO-ET	TC TY	99-I	29HO17619	ALTAOAK x SHAMROCK	39	67	1281	142	93	2.67	5.1	84	3.4	1.6	1.27	89	1.59	-0.02	-0.32	2453G
FARNEAR-TBR-BH FLAMER-ET	TC TY	99-I	151HO00700	MCCUTCHEN x PLANET	50	67	888	166	98	3.05	4.3	87	1.9	0.6	1.89	88	1.51	1.47	0.06	2452G
LARCREST CAJUN-ET	TR TP	99-I	7HO12286	SUPERSIRE x OBSERVER	43	103	648	185	94	2.72	3.3	82	2.1	-0.4	0.89	90	1.65	-0.23	1.49	2452G
PLAIN-KNOLL ONE NATION-ET		93-NA	7HO12534	NUMERO UNO x ROBUST	28	71	259	144	91	2.78	4.5	81	1.3	4.0	1.41	86	1.20	0.75	-0.25	2452G
WELCOME MOGUL HADWIN-ET	TR TP	99-I	7HO12122	MOGUL x O-STYLE	48	43	1421	139	96	2.83	6.6	86	1.9	3.1	1.39	93	1.25	0.46	-1.39	2452G
CO-OP DAKOMIN-ET	TP TC	100-NA	1HO12054	DADDY x ROBUST	50	40	1448	135	99	2.82	6.6	87	2.7	2.6	1.01	90	1.42	1.01	-1.11	2451G
S-S-I SNOWMOBILE LEO-ET	TY TV	100-NA	7HO13142	SNOWMOBIL x SHAMROCK	44	62	1359	125	95	2.72	5.3	85	1.4	2.4	1.48	89	1.43	0.75	1.19	2451G

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.