

# HOLSTEIN ASSOCIATION

## HIGH RANKING SIRE REPORT - AUGUST 2019 - 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			
AOT SILVER HELIX-ET	TR TP	100-NA	14HO07770	SILVER x SUPERSIRE	80	133	2254	279	99	3.03	4.0	87	-1.1	0.3	1.90	95	1.66	0.98	0.42	2811G
S-S-I MONTROSS DUKE-ET	TR TP	100-NA	250HO13267	MONTROSS x SUPERSIRE	95	134	2798	292	98	2.87	4.1	86	-2.6	-2.1	1.97	96	1.97	-0.40	0.98	2758G
EDG RUBICON-ET	TC TY	100-NA	151HO00681	MOGUL x ROBUST	56	120	1262	233	99	2.79	6.2	96	2.8	-0.9	2.13	99	1.68	2.50	0.50	2755G
MELARRY JOSUPER FRAZZLED-ET	TR TP	99-I	7HO12788	JOSUPER x SHOTGLASS	65	100	2158	215	97	2.46	7.9	85	3.1	0.2	1.23	90	1.68	0.57	-0.07	2731G
ABS ROWDY-ET	TC TY	99-I	29HO17947	JOSUPER x MOGUL	86	114	2737	261	97	2.83	6.3	85	2.5	0.1	1.04	90	0.64	-0.44	0.13	2730G
CO-OP TROY PILEDRIVER-ET	TR TP	99-I	1HO12786	TROY x SUPERSIRE	97	114	3203	281	97	3.14	5.0	86	0.4	-2.7	1.87	90	1.41	1.54	-0.44	2717G
MR MCCUT DANTE 1407-ET	TC TY	99-NA	203HO01513	MCCUTCHEN x ROBUST	88	102	2734	248	99	2.88	4.8	89	1.2	-1.5	2.30	96	1.52	0.67	0.25	2711G
ABS RAIDEN-ET	TC TY	99-I	29HO17941	JOSUPER x MOGUL	63	109	2131	229	96	2.72	6.3	86	4.5	-0.4	1.31	91	1.74	0.50	-0.50	2704G
MR MOGUL DELTA 1427-ET	TR TC	100-NA	203HO01468	MOGUL x ROBUST	54	88	1613	204	99	2.90	7.4	97	2.7	0.6	2.12	99	2.82	1.48	-1.30	2698G
UECKER SUPERSIRE JOSUPER-ET	TR TC	99-I	29HO17553	SUPERSIRE x BEACON	90	105	3147	235	99	2.80	5.6	98	2.2	-1.2	1.47	99	1.11	-0.07	1.26	2697G
DE-SU MILLINGTON 12074-ET	TR TP	99-I	7HO12421	MILES x SHAMROCK	57	114	1448	232	99	2.65	4.2	90	0.2	0.3	1.86	97	1.56	1.01	-0.13	2688G
DE-SU 12779 ENZO-ET	TC TY	99-I	29HO18016	JOSUPER x KRUNCH	59	67	2231	162	92	2.65	7.4	83	3.1	2.0	1.80	88	2.32	1.55	-0.23	2677G
WET TUFFENUFF MAGNUS-ET	TP TC	99-I	1HO11669	TUFFENUFF x MOGUL	78	100	2058	240	97	2.81	3.7	85	-0.1	-1.5	2.07	93	2.85	0.48	0.13	2676G
PEAK ACCELRENOWN-ET	TR TP	100-NA	14HO07811	DONATELLO x MOGUL	41	82	1139	153	94	2.81	4.4	83	4.3	1.4	2.71	90	3.07	1.67	0.83	2672G
HURTGENLEA YDR OUTSIDERS-ET	TR TP	100-NA	7HO12819	YODER x SUPERSIRE	62	95	1955	197	94	2.85	5.6	83	2.7	0.6	1.66	86	1.59	1.59	0.74	2669G
S-S-I KINGPIN PHANTOM-ET	TR TP	99-NA	7HO13334	KINGPIN x SUPERSIRE	81	111	2131	247	97	2.78	3.1	84	-0.5	-1.4	2.07	92	1.44	0.42	1.04	2665G
WOODCREST MOGUL YODER-ET	TR TP	100-NA	7HO12266	MOGUL x PLANET	49	103	1045	216	99	3.00	5.0	98	2.6	1.4	1.52	99	1.90	1.33	-0.62	2657G
L-L-M-DAIRY POND PASSAT-ET	TR TP	99-I	7HO12659	PONDER x MOGUL	51	96	1590	197	95	2.85	6.9	85	2.2	2.1	1.02	91	1.57	0.53	-0.36	2655G
COOKIECUTTER HARPER-ET	TR TC	99-NA	29HO17747	BALISTO x EPIC	59	80	565	202	96	2.74	5.1	84	0.5	0.9	2.07	92	1.68	2.21	0.41	2640G
DE-SU 12693 SKYFALL-ET	TC TY	99-I	29HO17918	JOSUPER x MCCUTCHEN	47	96	1352	184	96	2.68	6.3	86	3.0	1.2	1.56	92	1.40	1.46	0.40	2640G
WILRA COLEMAN-ET	TC	99-I	29HO18077	JOSUPER x SHAMROCK	45	111	1565	206	96	2.83	7.3	86	3.9	2.4	0.69	91	1.11	-0.50	-0.43	2640G
DE-SU ALTALEAF-ET	TR TP	99-I	11HO11478	ALTAOAK x TRIGGER	67	91	2415	194	99	2.70	4.5	94	1.6	-0.3	2.38	96	1.57	1.38	0.61	2634G
MR MOGUL DENVER 1426-ET	TC TY	100-NA	151HO00690	MOGUL x ROBUST	77	107	2411	243	99	3.07	3.3	93	-1.1	-2.0	2.02	99	2.83	0.79	-0.06	2634G
ENDCO APPRENTICE-ET	RC CD	99-NA	200HO10648	KINGBOY x SUPERSIRE	53	65	1507	159	93	2.60	6.3	83	1.9	1.6	1.96	85	2.17	1.34	-0.02	2630G
MR JACEY DECOY 57578-ET	TC TY	99-I	203HO03005	JACEY x ROBUST	94	54	2841	208	97	2.72	5.9	84	1.9	1.1	1.03	87	1.04	0.77	-0.67	2628G
WET TATUM MITCHELL-ET	TR TP	100-NA	7HO12778	TATUM x MOGUL	56	89	1966	180	94	2.92	2.9	83	-2.1	0.6	3.10	89	2.64	1.93	0.48	2625G
SEAGULL-BAY JO DANCER-ET	TR TC	99-I	29HO18018	JOSUPER x HEADLINER	61	110	1298	231	96	2.62	5.9	86	2.3	-0.3	1.44	89	1.13	-0.41	0.38	2624G
WEIGELINE JACEY TABASCO-ET	TR TP	99-I	1HO11376	JACEY x BOOKEM	87	64	2393	200	99	2.65	4.8	91	-1.3	1.4	1.51	94	0.85	0.47	0.52	2624G
SILVERSTREAM PORTER-ET	TR TP	100-NA	200HO10532	BOMBERO x MOGUL	36	76	971	140	91	2.67	5.4	79	1.4	1.7	2.54	85	2.66	1.69	0.73	2614G
BACON-HILL HURRICANE-ET	TR TP	100-NA	14HO07714	CHOPS x SHOTGLASS	52	86	1491	175	96	2.70	3.2	86	-0.5	0.5	2.09	95	3.05	1.05	0.66	2612G
WILRA BIXBY-ET	TC TY	99-I	29HO18109	SILVER x SUPERSIRE	45	108	1184	221	96	2.79	4.9	86	1.0	-1.5	2.14	90	2.76	1.81	-1.37	2611G
PEAK ALTATURNKEY-ET	TR TP	99-I	11HO11718	WICKHAM x RANSOM	49	97	1126	203	95	2.80	5.9	84	1.3	1.6	1.42	86	1.32	0.73	-0.32	2609G
CLEAR-ECHO SUMO 569-ET	TR TP	99-I	7HO12801	SUPERSHOT x NUMERO UNO	66	64	1802	176	95	2.82	6.2	84	2.1	2.5	1.32	90	1.40	0.57	0.04	2608G
WEBB-VUE MARKLEY 2183-ET	TR TP	100-NA	7HO12722	MONTROSS x GABOR	73	85	2348	190	96	2.85	4.1	85	-1.8	0.2	2.07	89	2.08	0.73	1.37	2608G
WELCOME JACEY DONOTI-ET	TP TY	99-I	1HO11394	JACEY x GRAFEETI	48	76	1071	165	97	2.53	5.4	87	2.4	1.8	1.62	85	1.99	1.57	0.51	2607G
BRYHILL ALTAHOTSHOT-ET	TR TP	100-NA	11HO11523	PRIDE x CAMERON	46	95	1520	178	99	2.88	7.1	88	3.8	1.5	1.17	96	1.76	0.85	0.43	2604G
PLAIN-KNOLL FOXHOLE10128-ET	TR TP	100-NA	7HO12742	MONTROSS x SHAMROCK	81	98	2540	224	95	2.83	4.2	86	-0.9	-0.5	0.87	91	1.25	0.56	0.96	2600G
SANDY-VALLEY CALVON-ET	TR TP	99-NA	777HO10574	BOMBERO x MORGAN	49	71	1392	151	89	2.52	5.9	81	3.2	1.1	1.85	85	2.01	0.62	0.78	2597G
LADYS-MANOR MTRS LOYALTY-ET	TR TP	99-NA	7HO12690	MONTROSS x GRAFEETI	52	74	1701	163	95	2.92	5.2	84	1.6	1.3	2.18	92	2.80	0.83	0.11	2595G
S-S-I PLUTO PRIZEMAN-ET	TR TP	99-I	7HO13354	PLUTO x MOONRAY	50	73	1073	165	95	2.93	6.1	84	3.8	3.3	1.58	86	1.49	0.31	0.46	2594G

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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			
MYR-MATT MOGUL PLATINUM	TP TY	100-NA	1HO11096	MOGUL x SUPER	56	83	1605	184	99	2.78	3.8	97	-0.7	0.9	1.97	97	1.91	1.61	0.10	2587G
DE-SU ROCKFORD 12250-ET	TR TP	100-NA	7HO12545	RODGERS x SHAMROCK	45	87	1213	174	95	2.58	8.7	87	3.1	2.6	0.37	89	0.79	0.68	0.17	2585G
S-S-I RODGERS MESSENGER-ET	TR TP	100-NA	7HO13216	RODGERS x SNOWMAN	60	88	1590	187	97	2.58	5.1	86	1.9	0.5	1.09	89	1.00	1.31	1.08	2585G
SILVERRIDGE V EUCLID-ET	TR TP	99-NA	777HO10550	SUPERSHOT x MCCUTCHEN	60	76	1897	169	94	2.69	6.1	83	1.8	0.1	1.96	90	1.85	0.83	0.83	2585G
FUSTEAD TANGO LYLAS-ET	TR TP	100-NA	7HO12597	TANGO x MOGUL	41	89	1254	176	98	2.83	4.1	86	-0.4	2.8	1.68	95	1.84	1.25	-0.43	2582G
CO-OP RB MNTRS GENIUS-ET	TP TC	99-I	1HO11665	MONTROSS x ROBUST	64	77	1857	199	98	2.74	7.0	86	2.8	0.5	0.58	88	1.50	1.02	-0.80	2581G
PEN-COL SS AMBITION-ET	TP TC	100-NA	7HO12450	SUPERSIRE x OBSERVER	70	91	2242	216	99	2.62	5.8	89	1.6	-1.5	1.17	88	1.37	0.50	-0.38	2581G
PLAIN-KNOLL KING ROYAL-ET	TR TP	99-NA	7HO12787	KINGBOY x MOGUL	50	75	983	165	93	2.92	2.7	83	-0.8	0.3	3.14	88	2.95	1.90	0.83	2581G
PROGENESIS KANE-ET	TR TP	100-NA	200HO10357	BOMBERO x MOGUL	67	66	2508	158	97	2.66	3.8	85	0.1	-0.1	2.17	93	2.48	0.59	0.80	2581G
S-S-I SHAMROCK MYSTIC-ET	TR TP	100-NA	7HO11395	SHAMROCK x SHOTTLE	48	64	1190	152	98	2.66	8.7	94	4.1	5.3	0.58	91	0.41	-0.30	0.08	2581G
PROGENESIS DEPART-ET	TR TP	100-NA	200HO10398	BOMBERO x SUPERSIRE	44	86	1231	167	94	2.51	5.8	83	2.0	0.2	1.96	89	2.10	0.81	0.46	2579G
MR OAK DELCO 57279-ET	TC TY	99-I	151HO00744	ALTAOAK x ROBUST	73	79	2737	207	99	2.93	5.6	89	3.2	0.2	1.02	96	1.50	0.08	-1.18	2578G
LARCREST COLLUDE-ET	TR TC	99-NA	29HO17784	BALISTO x ROBUST	47	60	629	160	99	2.59	6.9	89	2.1	1.7	1.74	95	2.29	0.59	-0.27	2576G
QUIET-BROOK-D JERALD-ET	TR TP	99-NA	7HO12603	MONTROSS x JIVES	51	41	988	128	97	2.84	6.8	85	2.9	2.6	2.06	90	2.52	2.18	0.47	2574G
NO-FLA BARCLAY	TR TP	93-NA	1HO11647	SUPERSIRE x MASSEY	48	92	1572	183	96	2.62	7.1	84	2.0	0.5	0.86	88	1.37	1.11	-0.08	2573G
S-S-I MONTROSS PREMIUM-ET	TR TP	100-NA	7HO13262	MONTROSS x NUMERO UNO	55	93	1505	187	99	2.82	3.8	87	-2.2	0.4	2.30	97	2.13	1.29	0.89	2573G
PEAK ACCELFORGE-ET	TR TP	99-I	14HO07780	JOSUPER x MOGUL	58	73	2065	169	94	2.91	5.6	83	2.3	1.5	1.66	88	1.77	0.86	-0.09	2572G
TEEMAR ASTON-ET	TC TY	99-I	29HO18076	JOSUPER x MAURICE	66	90	2119	199	91	2.83	6.1	83	2.4	0.5	0.99	88	0.64	1.02	0.45	2572G
OCD MONTROSS LAIDLAW-ET	TR TP	100-NA	7HO12697	MONTROSS x SUPERSIRE	80	92	2613	230	95	2.92	2.2	85	-2.6	-1.6	2.06	87	1.95	1.20	-0.38	2569G
SYRYCZUK SILVR BLOWTORCH-ET	TR TP	99-I	1HO11905	SILVER x ALTAOAK	50	73	1249	149	97	2.55	5.5	86	0.6	1.1	1.63	89	1.58	1.65	1.46	2566G
ABS BELLAMY-ET	TC TY	100-NA	29HO17912	MONTROSS x MASSEY	68	80	2069	202	92	2.92	3.5	82	-1.1	-0.5	1.91	89	2.92	0.70	-0.49	2564G
HIGHERRANSOM AZOR-ET	TR TP	100-NA	7HO12605	MONTROSS x NUMERO UNO	49	55	1504	151	97	2.87	5.0	85	-0.4	3.1	1.46	93	3.18	0.18	-1.06	2564G
S-S-I DAMARIS WINSTON-ET	TR TP	99-I	7HO13326	DAMARIS x MOONRAY	69	58	2140	179	95	3.02	6.8	86	3.5	1.1	1.41	90	1.95	0.58	-0.80	2564G
ABS BENSON-ET	TC	100-NA	29HO17913	MONTROSS x MASSEY	60	89	1723	208	95	2.72	5.1	84	0.4	0.5	0.88	91	1.90	0.22	-0.71	2563G
DE-SU 12925 KEENAN	TR TC	99-NA	29HO18136	MONTEREY x SUPERSIRE	52	76	1004	158	91	2.71	5.2	82	1.4	0.3	2.25	87	2.07	0.69	1.77	2563G
PINE-TREE JUMPSHOT-ET	TC TY	99-I	29HO18054	JOSUPER x SUDAN	53	91	1418	189	97	2.84	5.8	86	2.5	0.7	1.39	89	1.52	0.59	0.38	2562G
MR PRE DIRECTOR 57512-ET	CD TY	100-NA	151HO01602	PREDESTINE x ROBUST	43	55	597	143	98	2.81	7.7	85	6.2	2.6	1.68	96	2.05	0.44	0.00	2560G
NO-FLA ALTAJONAH	TR TP	99-NA	11HO11669	NOMINEE x COBRA	76	93	2523	224	98	2.91	3.9	86	0.5	-0.2	1.39	88	0.71	0.44	-0.32	2560G
MR DAY DEARING 1445-ET	TC TY	100-NA	203HO01469	DAY x ROBUST	62	71	1780	199	99	2.98	6.1	92	3.9	0.1	1.48	96	2.01	0.80	-1.65	2559G
RONELEE MIDNIGHT DETOUR-ET	TC TY	100-NA	513HO03091	MIDNIGHT x MOGUL	47	65	1056	164	98	2.85	6.9	86	2.5	0.9	1.69	97	2.57	1.58	-0.68	2558G
S-S-I ULMER URIAH-ET	TR TP	99-I	7HO13378	ULMER x MOONRAY	37	82	842	157	95	2.76	4.9	84	2.1	1.1	1.96	89	2.52	0.62	0.39	2557G
SANDY-VALLEY DIFFERENCE-ET	TR TP	100-NA	7HO12614	MONTROSS x GABOR	57	72	2037	166	98	2.93	4.3	86	-0.7	-0.5	2.61	91	3.17	1.46	-0.08	2557G
VIEW-HOME LITTLEROCK-ET	TR TP	100-NA	777HO10195	CASHCOIN x ROBUST	59	66	1361	193	99	2.67	7.1	90	2.2	2.4	0.76	96	1.15	-0.42	-1.55	2557G
RIVER-BRIDGE CO-OP YOUNT-ET	TP TC	100-NA	1HO12275	TANGO x ROBUST	70	64	2361	160	99	2.82	4.3	88	1.8	0.1	1.82	93	2.10	0.69	1.13	2556G
S-S-I MONTROSS JEDI-ET	TR TP	99-I	7HO13250	MONTROSS x SUPERSIRE	87	40	2631	160	99	2.70	6.9	91	-0.2	0.7	1.51	99	1.68	-0.36	0.94	2554G
MR MOGUL DION 15008-ET	TC TY	100-NA	203HO01470	MOGUL x ROBUST	53	73	843	200	99	2.60	5.5	94	2.0	1.1	0.88	94	1.78	0.44	-1.55	2552G
MR MOGUL DRAMA 1435-ET	TC TY	100-NA	151HO00695	MOGUL x ROBUST	68	74	2257	201	99	2.99	5.8	91	0.9	-0.9	1.57	95	2.33	1.22	-1.30	2552G
MR COIN DRACO 15006-ET	TR CD	100-NA	151HO00698	CASHCOIN x ROBUST	64	57	1927	173	99	2.82	7.5	92	3.9	0.9	1.37	98	2.55	-0.91	-0.87	2551G
SANDY-VALLEY CENTER	TR TP	100-NA	200HO10522	BOMBERO x MOGUL	49	99	1242	191	91	2.76	4.7	82	2.4	-0.4	1.52	88	1.69	0.43	0.63	2551G
DE-SU SANDERSON 12923-ET	TR TP	100-NA	7HO12830	SUPERSHOT x MASSEY	75	66	2506	181	94	2.61	5.7	84	1.4	0.0	1.20	89	1.33	0.06	0.20	2549G

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S-S-I MARSO MIGHTY	TR TP	100-NA	7HO12763	MARSO x SUPERSIRE	50	91	1131	195	94	2.99	5.9	85	2.2	0.3	1.78	89	1.97	0.97	-0.15	2549G
T-SPRUCE SUPRSHT WIGGINS-ET	TR TP	99-NA	7HO12724	SUPERSHOT x GALAXY	68	47	1760	147	93	2.85	4.8	82	0.5	1.7	2.18	89	2.06	0.64	1.07	2549G
COOKIECUTTER HERWIN-ET	TR TP	100-NA	14HO12604	MONTROSS x SUPERSONIC	46	75	955	166	94	2.82	4.1	84	-1.4	2.2	2.06	91	2.22	0.87	0.13	2548G
DE-SU 12659 TACTIC-ET	TC TY	99-NA	29HO17919	COMMANDER x NUMERO UNO	41	81	758	174	92	2.72	5.6	83	2.5	0.1	2.12	89	2.08	1.96	-0.39	2548G
LARCREST COMMANDER-ET	TC TY	99-I	29HO16909	MOGUL x OBSERVER	62	88	1504	202	99	2.81	2.1	95	-1.7	-2.2	2.93	98	2.44	2.16	0.30	2547G
S-S-I DAMARIS PHILLIPS-ET	TR TP	99-NA	7HO13338	DAMARIS x SHAN	43	84	538	177	94	2.87	6.6	84	3.0	1.0	1.30	85	1.89	1.66	0.34	2546G
VIEW-HOME CC MONTGOMERY-ET	TR CD	100-NA	7HO12484	CASHCOIN x ROBUST	54	58	1872	158	95	2.72	7.0	85	3.2	1.4	1.82	91	2.03	-0.10	-1.10	2545G
COOKIECUTTER MAHLIK-ET	TR TP	100-NA	7HO12696	MONTROSS x EPIC	45	67	1026	149	94	2.94	5.0	85	0.0	1.8	2.07	90	2.70	1.56	0.44	2544G
COOKIECUTTER SS HASHTAG-ET	TR TP	100-NA	7HO12796	SUPERSHOT x DAY	61	72	1848	156	92	2.82	4.1	83	0.0	-0.2	2.53	88	2.11	1.40	1.62	2543G
S-S-I YODER CORNELL-ET	TR TP	99-I	7HO13333	YODER x SUPERSIRE	50	81	1269	193	98	2.86	5.6	87	2.5	0.4	1.29	96	1.77	1.04	-1.23	2543G
OCD TOPROCK DELHI-ET		100-NA	7HO12509	ALTATOPROCK x DORCY	50	43	1741	121	95	2.81	6.0	85	4.0	3.0	1.91	88	2.51	0.88	-0.08	2538G
ABS MANSFIELD-ET	TR TC	99-I	29HO18006	SUPERSHOT x MASSEY	78	56	2273	174	95	2.83	5.0	85	1.0	0.5	1.72	90	1.56	-0.23	0.60	2537G
PROGENESIS ORION-ET	TR TP	99-NA	777HO10457	KINGBOY x MOGUL	46	71	1753	142	96	2.71	3.8	85	-1.2	1.1	2.69	92	2.45	0.99	0.46	2537G
ENDCO SUPERHERO-ET	TR TP	99-NA	534HO00052	SUPERSHOT x NUMERO UNO	46	58	950	134	96	2.69	6.7	85	2.1	1.9	2.06	88	2.14	0.34	0.98	2535G
GOLD-N-OAKS SHRIEK-ET	TC TY	99-NA	29HO18131	MONTEREY x NUMERO UNO	43	91	866	189	95	2.98	4.7	84	0.9	1.0	2.31	89	1.83	0.23	-0.43	2534G
S-S-I EPIC MIDNIGHT-ET	TR TP	100-NA	7HO11946	EPIC x SOCRATES	53	57	1272	155	99	2.69	6.9	98	3.7	2.6	0.68	97	1.66	0.58	-0.23	2533G
FAIRMONT STOIC RAGEN-ET	TP TC	99-I	1HO11682	STOIC x MOONBOY	61	71	1727	177	99	2.89	4.9	87	2.1	-0.4	1.26	91	2.04	2.09	0.05	2532G
MR BOMAZ ALTAMEGLO-ET	TR TP	99-I	11HO11499	SUPERSIRE x FREDDIE	63	72	2008	183	99	3.15	5.5	91	2.1	2.9	0.59	95	0.90	1.03	-0.48	2532G
VIEW-HOME MANDATE-ET	TR TP	100-NA	777HO10196	DAY x ROBUST	58	92	1800	210	99	2.68	4.7	89	1.6	-0.3	1.75	96	1.22	-0.54	-1.02	2532G
DE-SU LTM PONDER 11345-ET	TY TV	100-NA	7HO12021	LITHIUM x RUSSELL	43	50	1661	112	99	2.66	8.5	98	5.5	5.5	-0.20	98	0.69	-0.03	0.36	2531G
MR OAK DIXON 57482-ET	TC TY	99-I	151HO01611	ALTAOAK x ROBUST	67	83	1904	200	94	2.73	5.1	82	2.3	-1.1	1.69	88	1.39	0.47	0.10	2531G
PEAK ALTANEWMAN-ET	TR TP	99-I	11HO11596	RACER x ROBUST	52	77	1732	175	98	2.65	6.1	87	2.9	0.1	1.09	91	1.70	0.53	-0.62	2530G
QUIET-BROOK-D BENNING-ET	TR TP	99-I	7HO12638	MONTROSS x BOOKEM	45	50	1225	136	93	2.63	6.6	84	1.5	1.3	1.86	90	2.62	1.34	-0.57	2530G
S-S-I GRIN TONKA-ET	TY TV	99-NA	7HO13082	GRIN x ROBUST	45	97	1116	212	95	2.78	5.9	85	2.6	1.0	0.61	85	0.97	0.73	-1.73	2530G
MR AMERICA SURFER-ET	TR TP	100-NA	200HO10188	SHAN x ROBUST	63	96	1610	203	97	2.79	4.3	86	2.1	-1.0	1.49	88	1.37	0.02	1.04	2529G
S-S-I SUPERSIRE TETRIS-ET	TR TP	99-I	7HO11985	SUPERSIRE x DOMAIN	65	94	2351	208	99	2.76	6.3	92	2.0	0.0	0.82	96	0.85	-0.24	-0.36	2529G
MR COIN DANIEL 15003-ET	CD TY	100-NA	151HO00730	CASHCOIN x ROBUST	65	45	2287	175	96	2.74	7.1	85	4.0	0.5	1.43	85	2.50	-0.40	-2.67	2528G
S-S-I TETRIS VERTEX-ET	TR TP	99-I	7HO13253	TETRIS x MCCUTCHEN	47	83	2152	166	94	2.80	5.9	84	1.6	-0.5	2.29	91	1.92	1.25	-0.65	2528G
WESTENRADE ALTASPRING	TR TP	99-I	11HO11437	MOGUL x GERARD	50	77	1119	170	99	3.02	2.5	96	-0.8	0.0	2.33	99	3.19	1.37	0.40	2528G
TRIPLECROWN GATEDANCER-ET	TP TC	100-NA	1HO11670	ALTA1STCLASS x SUPERSIRE	66	78	1554	219	98	3.06	4.3	85	1.3	-0.6	1.51	95	2.68	-0.51	-1.56	2527G
ABS MACINTOSH-ET	TC TY	99-I	29HO17989	JOSUPER x PETRONE	58	104	1735	191	91	2.92	3.7	83	1.5	-1.4	2.02	88	1.82	0.04	1.80	2525G
WILRA HARVEST-ET	TC	99-NA	29HO18043	MONTEREY x NUMERO UNO	35	56	903	114	96	2.84	5.1	84	1.3	1.3	3.48	93	2.61	2.00	0.74	2525G
CO-OP RENEGADE-ET	TR TP	99-NA	1HO11863	MCCUTCHEN x G W ATWOOD	40	83	1124	156	99	3.01	1.6	95	-1.1	1.1	2.81	96	2.22	2.78	0.59	2524G
PEAK ALTAFLYWHEEL-ET	TR TP	96-NA	11HO11720	MONTEREY x SUPERSIRE	47	66	915	144	93	2.80	5.6	83	2.0	1.4	1.97	85	1.43	1.25	1.18	2524G
DF OAK FARRIS 135	TR TP	99-I	7HO12550	ALTAOAK x O-STYLE	57	76	1911	179	97	2.69	4.8	86	1.5	0.1	1.42	89	1.44	1.36	-0.54	2523G
ZIMMERVIEW TOMEK 562-ET	TR TP	100-NA	7HO12657	TATUM x MOGUL	62	74	1779	170	94	2.87	3.3	84	-0.7	-0.4	2.61	91	1.90	1.54	1.02	2523G
S-S-I DICTATE MERCURY-ET		100-NA	7HO13240	DICTATE x NUMERO UNO	51	59	1727	109	94	2.49	3.6	83	-1.2	1.9	2.63	85	1.90	1.35	2.68	2522G
PEAK ALTAPainter-ET	TR TP	100-NA	11HO11631	DAVINCI x NUMERO UNO	41	49	385	132	97	2.57	6.5	87	2.9	1.8	2.11	96	2.16	0.99	0.25	2521G
T-SPRUCE RAYMOND 332-ET	TR TP	99-NA	7HO12711	REFLECTOR x BOYBOY	48	50	1241	126	94	2.69	4.6	84	0.0	0.8	2.78	90	2.62	1.78	0.68	2521G
S-S-I SNOWMAN MAYFLOWER-ET	TR TP	100-NA	7HO11621	SNOWMAN x SOCRATES	80	56	2595	175	99	2.81	6.7	99	4.2	0.6	0.92	98	0.80	1.02	0.31	2520G

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## HIGH RANKING SIRE REPORT - AUGUST 2019 - 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			
DE-SU 12147 ALLSTAR-ET	TC TY	99-I	29HO17709	BALISTO x NUMERO UNO	72	60	1373	180	92	2.63	4.1	81	-1.4	-0.2	1.81	89	1.47	0.99	0.92	2519G
DE-SU LANSING 12529-ET	TR TP	99-I	7HO12675	MONTROSS x SUDAN	57	94	2063	208	93	3.29	4.8	83	-0.2	-0.5	2.05	91	2.49	0.92	-1.25	2519G
S-S-I 1STCLASS FLAGSHIP-ET	TR TP	99-I	7HO13373	ALTA1STCLASS x SUPERSIRE	33	65	618	141	98	2.60	7.9	86	3.0	3.2	0.92	96	2.13	-0.71	-0.39	2519G
S-S-I STERLING TRENTON-ET	TR TP	100-NA	7HO13094	STERLING x ROBUST	47	82	348	190	99	2.77	6.5	92	3.8	0.2	1.37	93	1.37	0.82	0.00	2519G
AURORA BERGEN 359-ET	TR TP	100-NA	7HO12761	BAYONET x MOGUL	40	59	1136	138	90	2.60	5.8	81	2.1	1.0	1.75	85	2.61	1.49	-0.46	2518G
BUSH-BROS DEIFY 355-ET	TR TP	99-I	14HO07736	SUPERSHOT x MOGUL	63	41	1880	143	96	2.93	6.6	85	2.0	3.3	0.55	87	1.55	0.86	-0.25	2518G
DE-SU 11236 BALISTO-ET	TC TY	99-NA	29HO16714	BOOKEM x WATSON	69	76	953	207	99	2.65	4.9	98	-0.3	-1.3	1.50	99	0.90	1.55	0.53	2516G
DE-SU FERDINAND 12489-ET	TR TP	99-I	7HO12611	MONTROSS x MOGUL	77	51	2457	162	98	3.29	2.8	87	-2.1	0.4	2.48	94	2.76	1.77	0.60	2515G
REGANCREST MATHEO-ET	TR TY	100-NA	200HO09139	SALOON x SNOWMAN	57	84	1811	163	94	2.79	1.8	85	0.3	-1.9	3.19	92	2.71	1.35	1.74	2515G
SEAGULL-BAY SILVER-ET	TC TY	100-NA	29HO17573	MOGUL x SNOWMAN	47	92	1077	180	99	2.96	3.2	98	-1.1	-1.8	2.46	99	2.84	1.99	0.77	2515G
BROWN-STAR TUFF CHINCHI-ET	TP TC	99-I	1HO11636	TUFFENUFF x MOGUL	60	53	1874	151	99	2.78	4.8	87	0.0	0.2	1.64	93	2.74	1.26	-0.06	2514G
KINGEMER DELFINO-ET	TR TP	100-NA	200HO10496	BOMBERO x DAY	49	47	2061	112	92	2.57	7.4	83	3.7	2.2	1.78	93	1.43	0.58	0.42	2514G
LARCREST SABINO 2538-ET	TR TP	100-NA	7HO12827	SUPERSHOT x SHAN	33	41	811	83	93	2.60	6.2	83	2.4	3.3	2.15	87	2.42	0.97	1.49	2514G
MORNINGVIEW MAKER	TC	99-NA	29HO18082	YODER x BOOKEM	41	66	1237	134	90	2.64	6.4	82	4.0	1.0	1.47	88	1.83	1.23	0.60	2514G
WELCOME LEGENDARY 2870-ET	TR TP	99-NA	7HO12797	DAMARIS x CAMERON	26	55	444	100	96	2.60	10.0	86	5.3	2.9	1.79	92	1.38	2.17	1.06	2514G
EDG BOB CYPRUS 15120-ET	TC TY	99-I	151HO00742	BOB x NUMERO UNO	42	70	477	143	95	2.66	2.9	82	-0.6	3.3	1.98	93	1.70	0.09	1.54	2513G
DG CHARLEY	TR TC	99-NA	29HO17500	SUPERSHOT x MOGUL	57	59	1512	163	92	2.67	6.2	81	0.6	1.0	1.35	85	1.66	0.63	-0.38	2512G
MR SUNVIEW HULISTO-ET	TY	99-NA	200HO10452	BALISTO x EPIC	65	74	1197	188	91	2.76	4.9	82	1.5	0.3	1.15	88	0.62	1.07	0.89	2512G
PEAK ACCELVINO-ET	TP TY	99-I	14HO07741	SALVINO x NUMERO UNO	41	60	1360	141	93	2.54	4.3	83	-0.3	2.1	1.75	85	2.71	0.43	-0.80	2512G
S-S-I MONTROSS MEGAMAN-ET	TR TP	100-NA	7HO13302	MONTROSS x MASSEY	48	68	991	177	97	2.75	6.3	86	1.7	2.1	1.00	90	1.61	0.47	-1.19	2512G
S-S-I PARTYROCK SURE FIT-ET	TR TP	100-NA	7HO13189	PARTYROCK x MAXUM	33	76	452	155	93	2.60	7.2	83	3.7	1.2	1.50	90	1.47	1.02	-0.15	2512G
ABS BEYERS-ET	TC TY	100-NA	29HO17914	MONTROSS x MASSEY	68	93	1609	230	92	2.96	4.0	82	-0.1	-0.8	0.95	88	1.79	0.32	-0.70	2511G
OCD JABIR HEISENBERG-ET	TR TP	99-NA	7HO12569	JABIR x MOONBOY	34	59	375	103	99	2.89	4.4	87	-0.2	3.4	2.62	97	1.90	1.50	2.59	2511G
SANDY-VALLEY ABRO-ET	TR TP	100-NA	14HO07656	BOMBERO x MOGUL	53	87	1197	182	89	2.79	2.2	81	-0.4	-1.6	2.50	85	2.53	1.00	0.86	2511G
DENISTIER V GENERAL-ET	TR TP	100-NA	200HO10473	PEPPER x SUPERSIRE	32	76	27	148	96	2.65	5.3	84	2.6	0.6	2.11	92	1.97	1.80	0.90	2510G
ABS MOBY-ET	TC	99-I	29HO18028	SUPERSHOT x MASSEY	58	64	1522	158	91	2.71	5.8	82	0.5	1.5	1.23	86	1.66	-0.40	0.66	2509G
HNKES-WESSEL SHOCKTOP-ET	TR TP	99-NA	1HO11653	TROY x NUMERO UNO	53	62	1565	170	96	2.81	6.3	85	1.1	1.4	1.26	86	1.55	1.28	-1.33	2509G
S-S-I SANDERS BIGLEAGUE-ET	TR TP	100-NA	7HO13404	SANDERS x ZEUS	51	58	1454	142	95	2.75	5.8	84	1.7	0.9	2.07	89	2.56	0.54	0.38	2508G
SPRUCE-HAVEN MARGIN-ET	TC TY	99-NA	29HO18173	SILVER x MCCUTCHEN	39	77	717	150	91	2.85	4.2	82	0.0	0.4	1.78	85	2.44	2.27	0.90	2507G
OCD ERASER ZIPIT-P-ET	TR PC	100-NA	7HO12669	ERASER P x MOGUL	50	49	1602	131	95	2.83	4.4	84	-0.7	2.2	2.52	90	2.58	0.77	-0.03	2506G
S-S-I GREENWAY CREED-ET	TR TP	100-NA	7HO13244	GREENWAY x DADDY	66	90	1596	221	97	2.95	2.9	86	-1.2	-0.9	2.02	91	1.30	0.94	-0.58	2506G
SEAGULL-BAY-MJ SOLARIS-ET	TC TY	99-NA	29HO17964	SUPERSIRE x NUMERO UNO	52	65	1291	179	98	2.84	5.4	87	2.2	2.7	0.85	94	1.19	0.13	-1.46	2506G
EILDON-TWEED SSR BELAIR-ET	TR TP	99-NA	14HO07418	SUPERSIRE x BOOKEM	52	85	1083	179	99	3.07	4.2	92	1.2	-1.2	2.19	96	2.39	1.82	0.90	2505G
SANDY-VALLEY SALOON-ET	TR TP	100-NA	200HO02792	ALTAIOTA x PLANET	77	91	2370	200	99	3.01	-0.4	97	-1.5	-1.5	2.80	98	1.45	1.15	1.79	2505G
ZIMMERVIEW MUSTANG 575-ET	TR TP	100-NA	7HO12709	MONTROSS x ROBUST	57	79	1146	196	94	2.85	5.1	84	0.3	1.1	0.87	92	1.17	0.99	-0.41	2505G
NO-FLA SIZZLER-ET	TR TC	99-NA	29HO18166	SILVER x SUPERSIRE	37	89	803	177	92	2.73	5.9	82	2.0	-1.2	1.53	85	2.23	1.86	-0.45	2504G
WESTCOAST KERRIGAN-ET	TR TP	99-NA	200HO10577	KINGBOY x NUMERO UNO	57	73	1566	166	97	2.74	4.1	86	1.0	0.4	1.73	89	1.74	0.46	0.72	2504G
MR AMERICA EXPLORER-ET	RC TP	100-NA	29HO17636	EFFECT P-RED x ROBUST	40	73	1060	152	96	2.68	6.2	87	3.7	1.9	0.94	89	1.47	0.83	-0.01	2503G
RICHMOND-FD JC BARNABY-ET		100-NA	7HO12168	CAMERON x SUPER	33	63	816	123	96	2.59	6.0	88	3.4	1.6	1.83	91	2.11	1.70	0.51	2503G
S-S-I YODER BRIXTON-ET	TR TP	99-I	7HO13327	YODER x SUPERSIRE	40	68	666	145	98	2.93	5.5	86	3.6	2.0	1.00	96	1.71	1.62	0.63	2503G

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## HIGH RANKING SIRE REPORT - AUGUST 2019 - 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			
QUIET-BROOK-D BRADY-ET	TR TP	99-I	7HO12639	MONTROSS x BOOKEM	46	36	1542	101	93	2.58	5.3	83	-0.3	1.8	2.34	91	2.69	1.35	0.51	2502G
WESSELCREST ALTALAMBEAU-ET	TR TP	99-NA	11HO11652	MONTROSS x GRAFEETI	75	57	2148	171	96	2.96	3.0	86	-1.4	1.1	1.22	89	2.06	0.93	0.64	2502G
BOMAZ HAYES-P-ET	PC TC	99-I	29HO18078	JOSUPER x NUMERO UNO	50	83	1704	158	94	2.68	4.6	84	2.7	1.3	1.06	88	1.30	0.00	1.13	2501G
GRANSKOG-ACRES JOAB-ET	TR TP	96-I	14HO07573	ALTAOAK x SHAMROCK	43	67	1411	132	96	2.64	5.9	87	3.2	2.1	1.09	91	1.02	1.53	0.94	2501G
SERIC RAMPARTS-ET	TR TP	99-NA	200HO10476	BALISTO x BREWMMASTER	54	68	1054	158	90	2.58	4.4	76	0.8	-0.3	1.78	85	1.50	1.77	1.16	2501G
NO-FLA ALTAHIFASHN-ET	TR TP	93-NA	11HO11601	MAYFLOWER x MASSEY	45	50	1329	137	94	2.58	6.9	84	3.1	0.9	1.24	87	2.09	2.18	-0.78	2500G
OCD KINGBOY RAMBO-ET	TR TP	99-NA	250HO12746	KINGBOY x NUMERO UNO	26	54	216	93	96	2.60	5.1	85	1.4	2.7	2.67	91	2.14	1.41	1.80	2499G
ABS ROONEY-ET	TC	99-I	29HO18060	DONATELLO x MOGUL	41	94	938	194	90	2.75	4.0	81	3.0	0.3	1.19	86	1.77	0.36	-0.94	2498G
S-S-I ZEUS CHESNEY-ET	TY TV	99-I	7HO13122	ZEUS x BOOKEM	48	39	1428	107	95	2.76	8.1	85	4.7	3.5	0.99	87	1.15	1.78	0.81	2498G
LARCREST COMMEND-ET	TC TY	99-NA	29HO17785	BALISTO x ROBUST	36	75	-376	173	96	2.73	5.7	84	2.8	1.8	1.00	93	1.51	1.14	-0.01	2497G
HNKES-WESSEL ALTASEMI-ET	TP TY	99-I	11HO11546	MACK x NUMERO UNO	25	42	190	91	95	2.68	6.7	84	1.7	4.5	1.88	93	1.73	1.92	0.62	2496G
WA-DEL ABS BRECKEN-ET	TC TY	100-NA	29HO17948	MONTROSS x MASSEY	53	69	1294	156	92	2.84	3.9	81	-1.6	0.9	1.82	88	2.48	0.57	0.89	2496G
SANDY-VALLEY TAKECOMMAND-ET	TC TY	99-NA	29HO18074	COMMANDER x HEADLINER	48	64	872	162	92	2.98	3.0	82	-0.6	0.3	2.73	89	2.67	2.41	-0.23	2495G
CO-OP MOGUL STAMINA CRI-ET	TP TC	100-NA	1HO11541	MOGUL x MASSEY	26	69	526	140	99	2.69	4.1	97	-0.5	1.1	1.86	93	3.14	1.89	-0.90	2494G
SIEMERS RUNAWAY-ET	TR TP	100-NA	200HO10576	LOTTOMAX x SUPERSIRE	55	99	1964	203	94	2.95	4.5	83	1.0	1.0	1.06	88	0.83	-0.20	-0.50	2494G
CLEAR-ECHO PELLO 237-ET		99-I	7HO12435	PREDESTINE x FREDDIE	10	76	-402	135	96	2.72	8.4	87	5.0	2.8	1.37	92	1.55	2.00	-0.83	2493G
FARNEAR ALTAFOUNDER-ET	TR TP	100-NA	11HO11566	TANGO x MOGUL	56	73	1190	191	97	3.06	2.2	86	-1.6	0.8	2.21	95	2.04	1.30	-0.88	2493G
WA-DEL ABS BOURBON-ET	TC TY	100-NA	29HO17944	MONTROSS x MASSEY	68	65	2116	163	97	2.93	3.8	86	-0.9	1.6	1.39	92	1.44	0.54	1.05	2493G
DOUBLE-EAGLE TANG HUTTON-ET	TR TP	100-NA	7HO12486	TANGO x SHAMROCK	53	73	1165	187	97	2.80	3.3	87	-0.1	0.8	1.65	90	1.99	0.19	-0.96	2492G
J-MOR SS HOMER-ET	TR TP	100-NA	14HO07489	SUPERSIRE x MAN-O-MAN	77	98	2657	220	98	2.90	4.6	87	2.4	-2.2	0.88	93	0.55	0.41	0.45	2492G
MAPLEHURST STOIC WILDER-ET	TP TC	99-I	1HO11645	STOIC x MOGUL	41	70	567	165	99	2.81	5.3	86	2.1	-0.2	1.89	91	2.43	1.93	-0.52	2492G
RICHMOND-FD EL BOMBERO-ET	TR TP	100-NA	777HO03950	NUMERO UNO x SUPER	41	68	1502	125	99	2.49	5.2	97	2.2	0.5	1.95	99	2.04	0.43	1.15	2492G
VIEW-HOME DADDY MEXICO-ET	TY TV	100-NA	147HO02464	DADDY x ROBUST	62	72	2258	182	96	2.91	5.4	86	2.2	-0.8	1.98	91	1.65	0.79	-0.88	2491G
ABS BARLEY-ET	TR TC	100-NA	29HO18062	YODER x SUPERSIRE	49	71	1176	156	90	2.94	3.8	82	0.4	2.6	1.25	85	1.31	0.83	0.67	2490G
BOMAZ ALTASABRE-ET	TR TP	99-I	11HO11531	JACEY x ROBUST	53	22	973	99	98	2.46	7.3	88	3.0	3.7	1.79	95	1.09	1.15	1.12	2490G
BACON-HILL MANTON 2873-ET	TR TP	99-NA	7HO12854	DAMARIS x SUPERSIRE	38	67	1139	140	92	2.84	7.6	82	4.2	1.5	1.60	85	1.55	0.85	-0.08	2489G
CIRCLE-K MCCALL 918	TR TP	100-NA	250HO12764	MAYFLOWER x SUPER	70	76	2215	185	93	3.07	4.6	82	0.7	-0.7	2.22	85	1.58	1.00	0.60	2489G
S-S-I MIDNIGHT SIEGE	TR TP	100-NA	7HO12683	MIDNIGHT x MOGUL	54	58	1555	152	95	2.94	4.9	84	0.1	2.4	1.46	91	1.66	1.58	-0.14	2489G
S-S-I SUPERSIRE MODESTO-ET	TR TP	99-I	7HO13035	SUPERSIRE x BOOKEM	65	55	1752	130	99	2.87	3.2	95	-0.7	0.3	2.00	98	2.19	1.22	2.75	2489G
THURLER AUTOBULL-ETS	TY TV	99-NA	29HO17822	BALISTO x SUDAN	57	82	769	197	92	2.71	5.7	86	1.7	-0.1	1.01	86	0.70	1.14	0.37	2488G
CO-OP ROBUST CABRIOLET-ET	TP TC	99-I	1HO10396	ROBUST x PLANET	50	94	925	224	99	2.91	5.6	99	3.7	0.1	0.20	99	0.67	0.65	-1.90	2487G
EDG BUTLER CORSAIR 60022-ET	TC TY	100-NA	151HO03128	BUTLER x NUMERO UNO	33	59	791	114	95	2.62	6.5	84	2.0	3.1	1.39	89	1.41	1.02	0.87	2487G
SANDY-VALLEY SCENARIO-ET	TR TP	100-NA	7HO12615	MONTROSS x NUMERO UNO	44	61	965	124	98	2.89	4.0	87	-1.0	2.3	2.31	95	2.19	0.89	1.78	2487G
S-S-I PARTYROCK PROFIT-ET	TR TP	99-I	7HO13195	PARTYROCK x MOGUL	60	38	1277	156	99	2.63	7.1	91	2.0	0.1	1.29	98	2.12	0.75	-1.11	2486G
STANTONS ALLIGATOR-ET	TR TP	99-NA	200HO10593	KINGBOY x MCCUTCHEN	41	58	1266	116	90	2.71	2.5	78	-1.1	-0.2	3.43	85	3.23	1.70	1.17	2486G
GLEN-D-HAVEN ALTAHOTROD	TR TP	100-NA	11HO11493	JEROD x ALTAIOTA	70	73	2155	172	99	2.97	2.1	91	-0.2	0.2	2.36	97	1.29	0.94	1.40	2485G
S-S-I BOOKEM MORGAN-ET	TR TP	99-NA	7HO11383	BOOKEM x SHOTTLE	52	62	1510	149	99	2.74	5.0	98	2.0	1.6	1.44	98	1.47	0.79	0.27	2485G
AMSTERDAM DIRECTOR-ET	TC TY	100-NA	29HO18023	MONTROSS x EPIC	54	53	1836	128	92	2.76	4.5	83	0.1	0.5	2.46	88	2.21	1.51	0.86	2484G
MR OCD ROBUST DONATELLO-ET	TR TP	100-NA	7HO11525	ROBUST x PLANET	47	73	1145	182	99	2.89	3.7	99	3.6	1.9	1.06	99	1.30	0.50	-1.49	2484G
OCD YOD SMOOTH OPERATOR-ET	TR TP	99-NA	7HO12809	YODER x SKIPPY	31	54	671	142	94	2.61	7.3	84	4.4	2.5	0.92	90	1.47	1.38	-2.03	2484G
ZIMMERVIEW MOGUL BUTLER-ET	TR TP	100-NA	7HO12195	MOGUL x PLANET	64	49	1966	150	99	2.93	5.6	96	1.5	0.9	1.72	98	1.07	1.87	0.03	2484G

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.