

HOLSTEIN ASSOCIATION

HIGH RANKING SIRE REPORT - AUGUST 2023 - 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				
GENOSOURCE CAPTAIN-ET	TR TC	99-I	551HO04119	CHARL x SABRE	73	138	2097	367	99	2.96	4.6	88	0.1	0.0	1.29	98	1.91	0.57	-2.13	3184G
MR T-SPRUCE FRAZZ LIONEL-ET	TR TP	98-I	7HO14454	FRAZZLED x MONTROSS	96	150	3378	422	99	2.85	3.1	97	-2.2	-2.3	0.62	99	0.88	-0.89	-0.72	3099G
SIEMERS RENG D PARFECT-ET	TR TP	99-I	7HO15085	RENEGADE x DELTA-LAMBDA	57	95	1005	227	98	2.89	4.6	88	0.6	1.0	2.66	95	2.40	2.30	1.43	3084G
RMD-DOTTERER SSI GAMEDAY-ET	TR TP	99-I	7HO15167	BIG AL x BLOWTORCH	53	118	1052	294	97	2.62	5.7	86	1.3	0.3	1.53	90	1.55	0.23	-0.67	3063G
ST GEN R-HAZE RAPID-ET	TC TY	100-NA	551HO03591	RUBI-HAZE x RUBICON	72	99	1953	280	99	3.03	3.2	94	0.3	-0.8	2.36	99	2.05	1.35	1.16	3029G
DELICIOUS CHARL HOLDON-ET	TR CD	99-I	551HO03823	CHARL x DRACO	67	98	1897	316	97	2.65	5.7	87	1.9	1.4	0.59	90	1.23	-1.05	-1.55	3021G
MR RI-VAL-RE FREE BILLY-ET	TR TC	99-I	29HO18906	ACHIEVER x RUBICON	84	159	1636	435	99	3.09	2.9	93	1.6	-2.2	-0.73	97	-0.44	-0.12	-1.84	3012G
BADGER S-S-I VICTORIO-ET	TR TP	99-I	7HO14868	SOPRANO x ROCKETFIRE	68	109	1873	303	98	2.88	4.5	88	0.5	0.6	1.08	86	1.08	0.20	-1.04	3011G
CLAYNOOK ZASBERILLA-ET	TR TP	100-NA	777HO11668	CASPER x DUKE	78	117	1617	304	98	2.91	0.8	88	-2.8	-2.1	2.34	97	2.78	-0.42	0.71	3009G
CO-OP DUKE ENDEAVOR-ET	TR TP	99-I	1HO14018	DUKE x GUN	74	124	1358	319	99	2.88	2.1	89	-1.8	0.0	1.08	95	1.19	-0.34	0.07	3006G
SILVERRIDGE V EINSTEIN-ET	TR TP	99-I	200HO11586	TOPNOTCH x DUKE	60	108	1227	242	99	2.62	5.1	91	0.4	0.5	1.32	98	1.79	-0.68	1.05	3004G
PINE-TREE ACURA-ET	TR TC	99-I	29HO18960	ACHIEVER x PROFIT	78	105	2198	323	99	3.06	4.6	90	2.9	-0.8	0.77	97	0.73	0.94	-0.51	2998G
AOT HIGHJUMP-ET	TR TP	100-NA	200HO11698	POSITIVE x DELTA	62	116	1306	294	95	2.89	2.5	86	-2.0	-1.6	2.19	92	2.54	0.16	-0.70	2978G
DE-SU FRAZZ TAHITI 14104-ET	TR TP	99-I	7HO14229	FRAZZLED x DELTA	74	109	2236	340	99	2.93	5.2	96	1.0	0.0	0.77	99	0.90	-1.40	-1.72	2972G
S-S-I DEANO JAMARCO-ET	TR TP	99-I	7HO14545	DEANO x HEISENBERG	76	135	1842	333	97	2.88	3.1	89	0.0	-3.6	1.85	94	1.26	0.20	-0.16	2961G
S-S-I RENEGADE RUPERT-ET	TR TP	99-I	7HO14985	RENEGADE x MATTERS	68	103	1661	284	94	3.02	4.1	84	0.6	0.7	1.01	85	0.82	1.06	0.52	2960G
SANDY-VALLEY R CONWAY-ET	TR TP	99-I	14HO15223	RENEGADE x GRANITE	49	101	454	239	99	3.01	4.1	88	0.7	0.7	1.99	95	1.53	1.78	0.45	2959G
DELICIOUS H-NOON TAMPA-ET	TR TC	99-I	551HO03797	HIGH NOON x JEDI	69	64	2029	245	99	2.94	7.4	89	3.5	2.5	0.71	99	1.07	1.01	-0.77	2955G
S-S-I PR RENEGADE-ET	TR TP	99-I	250HO14134	JALTAOAK x MILLINGTON	56	89	936	221	99	2.97	3.7	92	-0.3	1.2	1.97	99	1.58	2.06	1.17	2953G
LEANINGHOUSE TAOS-ET	TR TP	99-I	7HO15112	RENEGADE x JEDI	61	69	1293	181	97	2.78	5.8	87	1.0	2.1	1.66	93	1.51	1.44	1.72	2952G
SILVERRIDGE V CIRCUS-ET	TR TP	99-I	200HO11587	HARDROCK x DUKE	77	114	2164	282	98	2.85	1.7	89	-3.2	-2.2	1.83	95	1.51	0.56	1.16	2949G
PENN-ENGLAND BARCLAY-ET	TR TP	99-I	7HO14804	BUBBA x RUBICON	56	116	1436	296	99	2.93	3.0	91	0.4	-1.0	1.51	96	1.63	0.54	-1.27	2945G
PINE-TREE-I PURSUIT-ET	TR TP	99-I	777HO11186	IMAX x PROFIT	60	74	1510	241	99	2.87	7.0	93	1.4	0.5	1.63	99	1.35	1.29	0.58	2944G
S-S-I BG FESTIVS SERTOLI-ET	TR TP	99-I	14HO14629	FESTIVUS x RUBICON	56	88	1437	225	97	2.75	3.2	88	0.5	1.9	1.41	94	1.60	0.70	1.18	2940G
TTM ACHIEVER EMERGE-ET	TR TC	99-NA	29HO18852	ACHIEVER x YODER	47	139	1292	311	98	2.95	3.2	89	1.4	-0.9	0.62	92	0.62	0.82	-0.82	2940G
PEAK ALTAPLINKO-ET	TR TP	99-I	11HO15037	MARIUS x ALTATOPSHOT	72	111	1540	303	94	2.80	5.0	85	1.3	0.3	0.10	87	-0.10	-0.30	-1.49	2938G
BLUMENFELD MYLES ARKHAM-ET	TR TP	99-I	1HO13802	MYLES x YODER	69	91	1885	256	99	2.78	4.6	93	0.6	0.0	0.71	91	1.42	0.25	-0.03	2930G
GENOSOURCE GUZMAN-ET	TR TC	99-I	551HO03799	HIGH NOON x JOSUPER	74	89	1869	281	99	2.84	5.3	90	0.8	0.9	0.02	97	0.44	0.78	0.51	2929G
HARTLINE LARAMIE-ET	TR TP	99-I	200HO11397	IMAX x YODER	63	110	1452	283	94	2.86	3.4	84	1.8	-1.9	1.28	88	1.63	0.68	0.68	2929G
COOKIECUTTER HILLTOP-ET	TR TP	99-I	200HO11689	CHALLENGER x JOSUPER	57	83	1617	226	94	2.73	3.9	83	0.3	0.5	1.82	86	2.20	0.37	-0.08	2927G
DENOVO 14744 GINETTA-ET	TR TC	99-I	29HO18957	GUARANTEE x DELTA	67	106	1315	295	98	2.83	4.8	90	0.7	0.7	0.59	93	0.20	-0.69	0.16	2926G
BGP YOLO-ET	TR TP	100-NA	734HO00091	BANDARES x MERIDIAN	40	104	964	244	99	2.85	3.2	94	1.4	0.0	1.73	97	2.45	0.91	-0.37	2922G
LENOVO-ET	TC TY	99-I	202HO01749	LEGENDARY x JOSUPER	55	101	1306	268	91	2.91	5.7	83	1.8	0.2	1.12	88	0.92	0.90	-0.33	2922G
WINSTAR BIG AL HIGHFLIER-ET	TR TP	99-I	551HO04227	BIG AL x BURLEY	39	112	501	260	98	2.73	4.4	87	1.3	1.4	1.00	85	1.02	-0.35	-0.39	2919G
FLY-HIGHER MOONSHINER-ET	TR TP	99-I	14HO15201	TAHITI x FLAGSHIP	61	80	1595	282	97	2.76	5.6	87	-0.5	0.9	1.45	93	1.60	-0.83	-2.05	2918G
OCD HELIX ALPHABET-ET	TR TP	100-NA	7HO14320	HELIX x YODER	70	107	2743	301	99	2.98	3.2	92	-2.3	-0.9	1.48	99	1.42	-0.14	-0.54	2916G
OCD LEGENDARY COFFEE-ET	TR TP	99-I	250HO14310	LEGENDARY x RUBICON	49	99	873	231	99	2.77	5.0	96	2.0	-0.5	1.84	98	1.50	1.22	0.98	2914G
T-SPRUCE NUGNT GRANADA-ET	TR TP	99-I	7HO15097	NUGENT x FRAZZLED	67	102	2430	297	97	2.84	4.4	85	1.5	-0.7	0.94	93	0.80	-0.31	-0.54	2912G
BLUMENFELD IMPERIAL-ET	TR TP	99-I	200HO11398	IMAX x JEDI	75	113	2482	318	98	3.06	2.8	88	-0.7	-2.0	1.24	97	0.95	0.58	0.60	2911G
HORSENS BG RENEGADE KAMAU-ET	TR TP	99-I	7HO15029	RENEGADE x OUTSIDERS	63	121	1151	310	96	3.03	3.0	86	-1.6	-2.1	1.24	90	1.10	1.11	-0.10	2904G

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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				
FARNEAR MIAMI-ET	TR TC	99-I	551HO03970	NIGHTCAP x DYNAMO	52	73	1167	226	99	2.81	5.4	89	1.4	1.5	1.70	98	1.37	0.79	0.19	2903G
CHERRY-LILY ZIP LUSTER-P-ET	TR PC	99-I	7HO14160	ZIPIT-P x KINGBOY	49	82	1584	225	99	2.78	2.9	97	-0.1	-0.2	2.67	99	2.28	1.76	-0.16	2902G
WINSTAR MENDEL-P-ET	TR PC	99-I	29HO19518	ENTITY x WINDFALL	43	126	681	288	95	3.02	3.1	83	2.2	-0.6	1.02	88	1.33	0.72	-1.43	2900G
DENOVO 2705 VENTURE-ET	TR TC	99-I	29HO18870	ACHIEVER x DELTA	44	129	1102	315	99	2.58	5.1	94	2.2	-0.9	-0.29	96	0.62	-0.41	-1.32	2899G
PEAK ALTAOLAF-ET	TR TP	99-I	11HO15088	RESOLVE x DELCO	67	81	2551	260	98	2.75	7.4	88	3.0	1.6	-0.01	95	1.22	-2.01	-0.69	2897G
PINE-TREE-I PICTOGRAPH-ET	TR TP	99-I	200HO11285	GUARANTEE x PROFIT	67	76	1680	249	94	2.64	6.1	83	2.2	1.7	0.41	88	0.55	-0.60	-0.39	2897G
HURTGENLEA RICHARD CHARL-ET	TR TC	99-I	551HO03529	CHARLEY x YODER	56	112	1884	294	99	2.81	4.0	93	0.2	0.6	0.38	99	0.57	-0.24	-1.51	2896G
PEAK ALTAZAZZLE-ET	TR TP	99-I	11HO15036	MARIUS x ALTATOPSHOT	51	102	737	240	97	2.81	4.2	87	1.9	-0.7	1.40	93	1.45	0.15	-0.07	2888G
MCNALLAN MATTERS ELWOOD-ET	TR TP	99-I	1HO13878	MATTERS x PLATINUM	57	125	1114	312	99	2.85	2.3	90	0.1	-0.7	0.63	95	0.34	0.36	-0.31	2887G
NO-FLA JALIB-ET	TR TP	96-I	29HO18793	RAGEN x JOSUPER	78	86	2932	277	99	2.67	2.2	93	-0.9	-1.9	0.71	86	1.45	1.77	-0.34	2886G
DENOVO 2981 SHELDON-ET	TR TC	99-I	29HO19194	SANJAY x DELTA	45	99	1249	263	97	2.99	4.7	88	1.8	0.2	1.18	92	1.09	1.28	-1.74	2885G
PINE-TREE JURASSIC-ET	TR TC	99-I	29HO19099	ACHIEVER x DUKE	63	132	975	336	95	2.66	3.1	86	0.2	-4.1	0.65	90	0.73	-0.01	-1.12	2884G
MR HOMESTEAD SSI LEMUEL-ET	TR TP	99-I	7HO14992	RENEGADE x SUPERSRING	78	92	1996	309	91	3.00	3.2	80	-0.3	-1.4	1.22	87	0.65	0.93	-0.89	2883G
PINE-TREE MERCEDES-ET	TR TC	99-I	29HO19130	MEDLEY x PROFIT	62	85	884	241	95	2.70	5.8	88	2.0	0.1	0.56	89	0.73	0.68	-0.32	2882G
DELICIOUS BY-PASS-ET	TR TC	99-I	551HO03844	CHARL x JEDI	65	87	2214	281	96	2.72	4.8	86	0.2	1.0	0.49	89	1.00	-1.29	-1.16	2879G
RI-VAL-RE RADICAL-ET	TR TC	99-NA	29HO18966	ACHIEVER x RUBICON	39	129	837	279	99	2.77	2.3	93	1.6	-2.0	0.98	89	1.49	1.15	-0.30	2878G
TTM ACHIEVER EDGE-ET	TR TP	99-NA	1HO13861	ACHIEVER x YODER	57	132	1832	322	98	2.68	2.8	92	2.5	-2.7	0.08	85	0.28	0.41	-0.94	2877G
HILMAR-D RIVETING CAVIAR-ET	TR TP	99-I	250HO15211	RIVETING x IMAX	39	95	982	237	89	2.77	4.6	81	0.8	-0.1	1.88	85	1.87	0.79	-0.56	2876G
MR DRACO BATTLE 67469-ET	CD TY	100-NA	551HO03269	DRACO x MOGUL	51	85	1161	239	99	2.87	3.7	94	1.6	0.4	1.71	95	1.95	-0.30	0.45	2873G
STUNNING-M ALTADARVISH	TR TP	100-NA	11HO12203	DUKE x RODGERS	80	129	2544	327	98	2.84	1.3	92	-2.7	-4.6	1.21	86	1.30	-0.57	-0.06	2872G
OCD SILVERCHAIR-ET	TR TP	100-NA	777HO11753	POSITIVE x GATEDANCER	52	105	800	268	92	2.92	2.3	83	0.5	0.7	0.93	85	1.34	-0.39	-0.56	2870G
GENOSOURCE JAMISON-ET	TR TC	99-I	551HO04065	CHARL x DYNAMO	62	106	1826	281	93	2.99	3.2	83	0.0	-1.6	1.04	88	1.31	0.65	-0.29	2869G
PROGENESIS GUINNESS-ET	TR TP	99-I	200HO11039	MAGNUS x SUPERSHOT	96	95	2612	314	98	2.96	1.4	91	-0.3	-1.4	0.78	88	0.45	-0.62	0.34	2867G
PINE-TREE AGENCY-ET	TR TC	99-I	29HO18963	ACHIEVER x PROFIT	67	105	1809	305	99	2.83	4.1	89	0.9	-1.1	0.18	92	0.46	0.00	-0.91	2866G
LARS-ACRES CC FINISHLINE-ET	TR TP	99-I	7HO14705	COPYCAT x DELTA	51	98	1277	247	94	2.81	4.5	84	0.0	0.1	1.21	90	1.44	0.42	-0.81	2864G
SIEMERS RENEGAD ARROZO	TR TP	99-I	7HO15086	RENEGADE x LEGENDARY	62	84	1445	236	91	3.00	5.1	81	0.9	1.1	0.81	85	0.62	1.21	0.35	2863G
WESTCOAST ALCOVE	TR TP	99-I	777HO11000	DUKE x MVP	71	121	1929	297	99	3.03	0.3	96	-3.1	-1.6	1.30	98	1.20	0.12	0.92	2863G
LARCREST COMMITMENT-ET	TR TP	99-I	7HO15003	COMPLETE x BOURBON	56	56	1079	199	93	2.67	5.4	85	2.7	1.6	1.13	86	1.58	0.83	-0.05	2862G
TJR NOBLE IRVINE-ET	TR CD	99-I	551HO03788	NOBLE x DRACO	60	65	1875	248	99	2.87	4.0	88	1.4	2.1	0.85	88	1.82	-0.96	-0.71	2861G
WELCOME GODDARD 3571-ET	TR TP	99-I	7HO14438	BLOWTORCH x DELTA	69	103	1903	286	99	2.72	5.4	94	1.1	0.3	-0.52	97	-0.51	-0.05	-0.97	2861G
BOMAZ BLOWTORCH PRINGLE-ET	TR TP	99-I	1HO13489	BLOWTORCH x YODER	62	149	1201	337	99	3.05	1.1	95	0.5	-1.5	-0.25	89	0.11	-0.88	-0.35	2860G
PEAK ALTAKLAEBO-ET	TR TP	99-I	11HO12323	GUARANTEE x JEDI	59	81	962	235	99	2.75	5.1	90	1.2	1.8	0.83	94	0.89	-1.64	0.20	2860G
SIEMERS DARWIN-ET	TR TP	99-I	200HO11120	SUPERHERO x SILVER	49	86	1282	181	97	2.80	2.6	92	0.1	0.5	1.88	95	2.04	1.03	1.61	2860G
S-S-I DELROY BIGGELO-ET	TR TP	99-I	250HO14633	DELROY x TOPGUN	55	107	908	279	99	2.70	2.0	91	-2.2	-0.8	0.96	98	1.44	-0.35	-1.15	2859G
DENOVO 15570 HURDLE-ET	TR TC	99-I	29HO19271	HUGHES x DELTA	49	87	740	245	92	2.75	5.9	83	2.2	0.7	0.58	89	1.12	0.40	-1.48	2858G
S-S-I OUTSIDERS NUGENT-ET	TR TP	98-I	7HO13991	OUTSIDERS x DAMARIS	64	94	1693	260	97	2.94	3.1	88	0.7	-1.0	1.28	95	1.35	0.43	0.41	2858G
HAS HAS GARIDO		99-I	624HO09030	GYMNAST x PENLEY	55	90	1472	224	93	2.70	2.1	89	-0.3	-0.1	1.37	90	1.49	0.83	1.13	2857G
PINE-TREE 7593 SAMAR 390-ET	TC TY	99-I	551HO03892	SAMARITAN x ACHIEVER	60	112	863	287	98	2.66	3.9	88	0.5	-1.0	0.19	85	0.11	-0.48	-1.05	2855G
CO-OP BV DUKE TEMPLETON-ET	TR TP	100-NA	1HO13883	DUKE x TANGO	55	111	1134	273	98	2.64	2.3	87	-2.2	-1.0	1.35	88	1.34	-0.59	-0.35	2854G
WILRA S-S-I LIONEL TAZ-ET	TR TP	99-I	7HO15066	LIONEL x ACHIEVER	55	119	1586	300	90	2.84	4.0	81	1.7	-2.3	0.41	85	1.17	-0.22	-1.75	2851G

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BLUMENFELD RENEGAD AHEAD-ET	TR TP	99-I	250HO15152	RENEGADE x MYLES	37	95	93	186	98	2.80	5.0	88	2.0	1.8	1.02	95	0.93	0.79	1.30	2850G
BOMAZ YACHT-ET	TR TC	99-I	29HO19186	YODA x DELTA	70	101	2057	282	97	2.72	3.5	88	2.0	-1.8	1.15	86	0.52	-0.40	-0.06	2849G
DENOVO 14951 EVANDER-ET	TR TC	99-NA	29HO18916	ACHIEVER x SILVER	42	84	381	197	94	2.67	4.1	85	0.8	0.0	1.47	85	1.96	0.66	1.23	2849G
DENOVO 15173 VIBRATO-ET	TR TC	99-I	29HO19065	ACHIEVER x FERDINAND	54	115	1043	300	95	2.80	3.9	86	2.3	-1.8	0.77	85	0.91	-0.20	-1.06	2849G
EILDON-TWEED NUGE TANGER-ET	TR TP	99-I	7HO15124	NUGENT x BLOWTORCH	54	81	1162	225	93	2.83	3.8	82	1.3	1.3	0.97	87	1.22	0.58	-0.23	2849G
DENOVO 15567 KIMMEL-ET	TR TC	99-I	29HO19241	KENOBI x FLAGSHIP	66	78	1547	240	92	2.75	4.6	83	-0.6	0.7	0.84	89	1.32	-1.08	-0.17	2848G
MR WINGS NORTON-ET	TR TC	99-I	551HO03713	WINGS x NOMINEE	76	74	1891	295	99	2.79	3.9	93	1.0	-1.2	0.49	96	0.89	0.71	-1.53	2848G
SANDY-VALLEY EISAKU-ET	TR TP	99-I	7HO14364	SAMURI x RUBICON	50	87	1419	248	99	3.05	4.4	92	1.4	0.3	1.67	99	0.86	0.85	-0.19	2848G
LEANINGHOUSE MESCALERO-ET	TR TP	99-I	250HO14710	PINNACLE x RUBICON	61	106	1255	294	95	2.95	3.2	85	1.6	-2.9	1.56	91	1.09	0.83	-0.50	2847G
WELCOME TAFFOU 4114-ET	TR TP	99-I	7HO15238	RIVETING x MODESTY	40	58	491	170	91	2.66	5.9	81	4.9	1.9	1.49	86	1.51	0.82	-0.21	2846G
FLY-HIGHER MELLENCAMP-ET	TR TP	99-I	7HO15204	RENEGADE x SAMURI	58	67	1004	203	92	3.01	4.3	81	0.8	1.3	1.60	88	1.39	0.99	0.42	2845G
REGAN-DANHOF COPYRIGHT-ET	TR TP	99-I	200HO11607	IMAX x JEDI	63	83	2272	243	98	2.93	3.0	90	-0.8	-0.8	1.52	98	2.10	-0.08	0.43	2845G
S-S-I LEGACY SPOT LITE-ET	TR TP	99-I	7HO15059	LEGACY x PINNACLE	46	69	547	203	95	2.63	6.1	85	1.8	1.7	0.72	91	1.84	-0.48	-0.79	2845G
AARDEMA PISTOLERO-ET	TR TP	99-I	200HO11533	GUARANTEE x COMMANDER	44	62	728	185	93	2.63	6.2	84	0.9	3.2	0.63	85	1.37	0.02	-0.64	2843G
K-STAR DASHBOARD-ET	TR TP	100-NA	200HO11532	GUARANTEE x DELTA	63	65	865	242	96	2.74	5.8	84	2.3	1.6	0.21	91	0.70	-0.13	-0.67	2843G
WILRA SSI RENEGADE RINGO-ET	TR TP	99-I	7HO14980	RENEGADE x MODESTY	30	76	286	188	94	2.93	5.0	83	1.5	2.0	1.31	86	2.07	1.40	-0.71	2843G
SILVERRIDGE V TIMBERLAKE-ET	TR TP	99-I	777HO11288	IMAX x SUPERSHOT	71	66	2467	252	99	2.83	4.8	91	0.5	-0.9	0.78	97	2.40	-0.80	-0.48	2840G
BADGER S-S-I VALIDUS-ET	TR TP	99-I	7HO14869	SOPRANO x ROCKETFIRE	51	96	1607	262	92	2.79	3.2	83	-0.5	-2.1	1.54	88	1.92	0.48	-1.09	2839G
MAPLEHURST DELROY TORRO-ET	TR TP	99-I	1HO14127	DELROY x GATEDANCER	61	94	1702	284	98	2.91	4.2	88	-0.3	-0.5	0.71	92	1.28	-0.40	-1.90	2838G
OCD IRONMAN NEMO	TR TP	99-I	7HO14365	IRONMAN x DELTA	29	93	444	217	99	2.81	4.2	93	2.0	0.4	1.98	95	1.61	1.16	0.13	2837G
PEAK MORANT-ET	TR TP	99-I	97HO42234	ALTAMONTOYA x MODESTY	60	98	978	268	96	2.83	4.4	88	3.4	-1.8	0.65	91	0.90	0.31	-0.25	2837G
SANDY-VALLEY LOTTERY-ET	TR TC	99-I	29HO18635	BANDARES x KINGBOY	57	95	1027	247	98	2.71	3.5	95	1.0	-1.8	1.17	91	1.74	0.04	0.42	2837G
BOMAZ YETTI-ET	TR TC	99-I	29HO19110	YODA x DELTA	50	72	1148	198	96	2.60	5.1	88	3.1	0.1	1.45	86	1.49	0.26	0.94	2836G
WESTCOAST RIVER-ET	TR TP	100-NA	200HO11385	GUARANTEE x MONTANA	42	79	744	194	98	2.47	6.0	86	1.0	2.3	0.85	94	0.85	-0.95	-0.07	2835G
BLUMENFELD GDANC RORY-ET	TR TP	100-NA	1HO12964	GATEDANCER x RUBICON	70	116	1875	324	99	2.92	3.1	96	2.1	-3.0	0.61	96	0.60	-0.76	-0.94	2834G
PEAK MATCHUP-ET	TR TP	99-I	97HO42013	ALTATOPSHOT x DELTA	65	89	2078	253	99	2.87	5.0	90	2.6	0.1	0.24	96	0.58	-0.94	-0.29	2832G
DELICIOUS DW CONFIDE-ET	TC TY	99-I	551HO03832	DELTA-WORTH x NOMINEE	61	91	1782	280	97	2.82	4.5	89	1.7	-0.1	0.58	87	0.31	-0.22	-0.91	2831G
FARNEAR DELTA-LAMBDA-ET	TR TP	100-NA	551HO03379	DELTA x NUMERO UNO	48	52	1347	177	99	2.76	4.5	98	-0.1	0.7	2.68	99	2.81	0.90	0.12	2829G
FARNEAR JESTER-ET	TC TY	99-I	551HO04038	CHARL x DELTA-WORTH	42	105	1024	245	94	2.72	3.9	83	2.5	0.9	0.08	88	0.68	-0.35	0.34	2829G
LARCREST CAPTIVATING-ET	TR TP	99-I	250HO15156	RIVETING x HOTLINE	50	84	1217	209	94	2.80	2.5	84	0.4	0.8	1.56	88	1.12	0.37	0.71	2829G
DE-SU 13961 SANJAY-ET	TR TC	99-I	29HO18753	SUMO x SILVER	52	95	1546	232	99	2.99	3.5	97	-0.6	0.7	0.82	96	1.15	0.95	-0.89	2826G
PEAK ALTAHOTHAND-ET	TR TP	100-NA	11HO12178	HOTLINE x MONTROSS	70	70	1978	258	98	2.67	2.0	93	-1.5	-1.4	1.74	93	1.79	0.58	-0.78	2825G
PROGENESIS MONTBLANC-ET	TR TP	99-I	777HO11740	POSITIVE x MODESTY	65	118	1704	287	91	2.94	1.0	82	-1.4	-3.4	1.29	86	1.61	-0.03	-0.11	2825G
DENOVO 7899 ARCHER-ET	TR TC	99-NA	29HO18773	ACHIEVER x DELTA	64	102	1046	292	98	2.86	2.5	92	1.8	-2.4	0.70	94	1.13	0.42	-1.17	2824G
LA AXEL-ET	TY TV	-I	526HO00063	GYMNAST x YODER	48	93	1530	213	90	2.75	3.9	85	2.9	-0.3	1.11	86	1.23	0.21	0.41	2824G
PROGENESIS MOTIVATED-ET	TR TP	99-I	200HO11481	PADAWAN x DUKE	87	66	2215	249	97	2.79	3.3	88	-0.4	0.2	0.66	92	0.81	-0.82	-0.01	2824G
DE-SU 14077 TORONTO-ET	TR TC	99-I	29HO18705	BURLEY x RUBICON	61	108	1461	264	94	2.78	2.8	86	1.6	-1.7	1.03	90	0.14	0.55	0.50	2823G
DENOVO 8084 ENTITY-ET	TR TC	99-I	29HO18858	MATTERS x RUBICON	51	112	1199	280	99	2.93	3.0	93	3.1	-1.7	0.76	96	0.78	0.98	-0.15	2823G
DENOVO INVICTUS-ET	TR TY	99-NA	29HO17454	ACHIEVER x SUPERSHOT	23	85	0	208	97	2.67	5.7	89	3.3	1.5	0.24	90	1.34	1.78	-1.58	2822G
WINSTAR ANISTON-ET	TR TC	99-I	29HO19079	ACHIEVER x TRIP	42	121	810	301	98	2.75	4.5	89	0.9	-1.2	0.12	91	0.69	-0.26	-1.49	2822G

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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			
PINE-TREE TORTUGA-ET	TR TC	99-I	29HO18711	BURLEY x YODER	50	93	749	248	97	2.90	4.0	90	2.4	0.8	0.66	92	0.73	0.41	-1.49	2821G
WILRA BURNETT-ET	TR TC	99-I	29HO18731	BURLEY x YODER	40	124	298	251	97	2.99	1.5	90	1.4	-1.8	1.66	90	1.24	0.88	0.11	2821G
BPS PANTHER FOXCATCHER-ET	TR TP	99-I	7HO14578	PANTHER x FOXSONG	57	64	1435	200	99	2.75	5.5	92	1.5	2.1	0.41	97	0.77	0.00	-0.32	2820G
REGAN-DANHOF GAMECHANGER-ET	TR TP	99-I	1HO13844	MODESTY x JEDI	53	87	1710	270	99	2.88	2.4	94	-0.7	0.7	0.69	97	1.01	0.86	-1.74	2820G
S-S-I LA RIVETING VEKOMA-ET	TR TP	99-I	7HO15043	RIVETING x IMAX	33	79	896	193	92	2.67	5.9	82	3.5	1.6	0.76	86	1.40	-0.10	0.27	2818G
PROGENESIS HELIANTHUS-ET	TR TP	99-I	200HO11105	IMAX x JEDI	77	81	2290	260	95	3.02	3.4	86	-0.2	-1.2	0.84	90	1.71	-0.96	0.71	2817G
COOKIECUTTER LGND HUSKY-ET	TR TP	99-I	14HO14138	LEGENDARY x DRACO	46	46	1954	171	99	2.68	7.0	97	3.5	2.7	1.43	99	1.32	0.00	-0.72	2816G
VATLAND LOTUS-ET	TR TP	99-I	14HO15155	RIVETING x OUTLAST	35	82	360	201	90	2.58	5.4	81	3.1	1.1	0.83	86	1.04	0.35	-0.81	2816G
MELARRY NUGENT FLAMIN-ET	TR TP	99-I	7HO14936	NUGENT x FRAZZLED	48	104	1012	251	96	2.88	3.3	86	0.0	-1.0	1.11	89	1.38	0.29	0.14	2815G
PINE-TREE-I PROSPECTUS-ET	TR TP	99-I	200HO11185	IMAX x PROFIT	72	83	1744	243	95	2.84	3.5	86	1.3	-1.7	1.40	90	1.12	-0.11	1.67	2815G
STANTONS CHARLEY YOUR CALL	TR TP	99-I	1HO13871	CHARLEY x YODER	58	108	1501	287	99	3.00	3.2	93	0.2	-0.7	0.51	92	0.39	0.64	-1.10	2815G
DE-SU JEDI JEFRI 13610	TR TP	99-I	7HO13727	JEDI x RODGERS	72	37	1909	180	99	2.68	5.1	94	0.3	2.9	0.77	95	1.06	-0.38	0.38	2814G
LARS-ACRES S-S-I KALEB-ET	TR TP	99-I	7HO14422	JAGGER x MODESTY	62	100	1773	294	97	2.90	2.8	88	-0.7	-1.2	0.89	85	1.17	-0.45	-1.05	2814G
BLUMENFELD GDANC RUMBLE-ET	TR TP	100-NA	1HO12966	GATEDANCER x RUBICON	47	92	955	246	99	2.58	4.2	95	1.5	-1.4	1.11	94	1.38	0.10	-0.21	2813G
S-S-I NUGENT RENO-ET	TR TP	99-I	7HO14896	NUGENT x FRAZZLED	66	82	1516	238	92	3.05	1.8	82	-1.8	-1.9	2.25	89	2.19	0.81	0.84	2813G
BADGER SSI DEANO DANBO-ET	TR TP	99-I	7HO14504	DEANO x HANG-TIME	56	92	1388	258	95	2.98	3.3	85	0.3	1.2	0.47	87	0.72	0.12	-1.12	2812G
PEAK LUXOTIC-ET	TR TP	99-I	7HO14537	CHARLEY x SILVER	62	104	1931	289	99	2.74	0.5	92	-3.6	-2.0	1.15	91	1.40	0.45	-0.90	2812G
PEAK ALTAZAREK-ET	TR TP	99-I	11HO12219	ALTATOPSHOT x RUBICON	58	91	1550	246	99	2.88	4.8	95	0.9	-1.4	0.86	97	0.96	0.86	-0.61	2810G
PINE-TREE GRIFF GUSTO-ET	TR TP	100-NA	7HO14446	GRIFF x YODER	67	110	1210	293	98	3.05	1.7	91	0.2	-1.8	0.74	92	0.97	0.00	-1.34	2810G
WELCOME SILVER GRIFF-ET	TR TP	100-NA	14HO07796	SILVER x SUPERSIRE	56	106	946	261	99	3.11	2.1	98	-0.3	0.6	0.88	98	0.64	0.27	-0.77	2810G
DELICIOUS HN METZ-ET	TC TY	99-I	551HO03834	HIGH NOON x JEDI	44	52	538	183	93	2.84	7.2	83	3.2	3.3	0.95	87	1.17	0.25	-0.55	2809G
DENOVO 15126 MACHETE-ET	TR TC	99-I	29HO19042	YODA x BANDARES	43	80	298	208	94	2.67	4.5	87	1.5	-0.4	1.53	87	1.78	0.64	0.39	2809G
SEAGULL-BAY AMAZON-ET	TR TC	98-I	29HO18822	ACHIEVER x STOIC	57	103	1505	277	99	2.84	3.1	91	0.0	-2.1	0.90	91	1.30	0.19	-1.06	2809G
BLUMENFELD BLUECHIP-ET	TR TP	99-I	200HO11687	FRAZZLED x RUBICON	46	91	993	220	95	2.40	6.0	86	3.2	-2.1	1.07	87	0.91	0.29	0.24	2808G
T-SPRUCE NUGNT GLENNVILLE-ET	TR TP	99-I	7HO15098	NUGENT x FRAZZLED	61	96	1687	273	94	2.73	3.3	84	-1.2	-1.9	0.77	93	1.31	0.06	-0.33	2808G
AURORA MAGELLAN-ET	TR TP	99-I	7HO15197	BASIC x MAGEE	62	61	1692	231	95	2.70	4.5	84	1.4	-0.5	1.26	90	1.66	-0.25	-0.72	2807G
BOMAZ YUCATAN-ET	TR TC	99-I	29HO19105	YODA x DELTA	52	104	1128	255	97	2.69	4.2	88	2.0	-1.1	0.90	91	0.74	-0.57	0.37	2807G
PINE-TREE KEYNOTE-ET	TR TC	99-I	29HO19282	KENOBI x ACHIEVER	57	91	1349	295	92	2.58	5.0	83	1.9	-2.9	0.64	85	1.21	-0.54	-2.17	2807G
S-S-I RENEGADE ZEV-ET	TR TP	99-I	7HO15036	RENEGADE x MEDLEY	55	85	1165	222	94	2.93	3.8	82	0.7	0.1	1.00	85	1.19	0.77	0.61	2807G
DE-SU BARCELONA 14195-ET	TR TP	99-I	7HO14231	LOPEZ x SILVER	51	105	809	248	99	2.85	2.4	94	-0.2	-1.4	1.35	96	0.79	1.10	0.28	2806G
ENGLAND-AMMON BANJO-P-ET	TR PC	99-I	7HO14694	BIGHIT P x HEISENBERG	55	74	1039	194	97	2.88	1.1	86	-1.6	1.6	1.43	93	1.45	0.99	1.55	2806G
WILRA SSI RIVET GENUINE-ET	TR TP	99-I	7HO15042	RIVETING x KNIGHT	41	57	381	163	91	2.56	5.4	81	1.4	2.1	0.85	87	2.04	-0.12	-0.59	2806G
LEANINGHOUSE BANDRS VAN-ET	TR TP	100-NA	7HO14183	BANDARES x POWERBALL-P	61	93	1544	246	96	2.82	2.5	89	1.8	-0.1	1.00	91	0.32	0.24	0.79	2805G
AARDEMA MAPQUEST-ET	TR TP	98-I	1HO13818	MATTERS x YODER	46	92	1554	251	99	2.72	5.4	94	1.7	0.7	0.12	92	0.64	-0.27	-0.32	2804G
BOMAZ ALTASOHOT-ET	TR TP	99-I	11HO12345	ALTATOPSHOT x YODER	62	140	1378	334	99	2.79	2.9	91	2.6	-1.8	-1.37	97	-0.65	-1.47	-1.10	2804G
HORSENS SSI RIVET ROONEY-ET	TR TP	99-I	7HO14990	RIVETING x OUTSIDERS	49	69	1301	211	92	2.62	6.0	81	3.0	0.2	0.64	86	1.09	0.10	-0.53	2804G
PEAK MUSCLE UP-ET	TR TP	99-I	1HO15203	POSITIVE x JEDI	58	113	1082	300	97	2.99	1.5	88	-0.7	-1.7	0.79	88	1.21	0.27	-1.55	2804G
LEANINGHOUSE HOBBS-ET	TR TP	99-I	200HO11311	FORTUNE x SILVER	48	97	959	199	97	2.66	2.6	88	0.9	0.7	0.79	94	1.66	-2.00	1.46	2803G
AURORA MITCHELL-ET	TY TV	100-NA	515HO00318	MITCHELL x BOMBERO	42	71	855	167	98	2.68	2.7	92	0.6	1.4	2.27	96	1.70	0.87	0.65	2802G
DENOVO 14604 COMBO-ET	TR TC	99-I	29HO18895	MEDLEY x JEDI	72	92	1872	262	93	2.84	4.8	84	-0.3	-1.4	0.79	89	0.39	-0.37	0.42	2802G

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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		
KINGS-RANSOM J DOMINATE-ET	TR TP	99-I	7HO15013	JARED x MODESTY	43	87	893	234	93	2.87	4.1	85	0.5	1.2	1.01	92	0.82	0.53	-0.80	2802G
WOODCREST KING DOC	TR TP	99-I	250HO12961	KINGBOY x MACK	54	68	1584	175	99	3.12	3.6	99	0.3	-1.1	3.24	99	2.15	1.99	0.83	2802G
SANDY-VALLEY CHALLENGER-ET	TR TP	99-I	777HO11028	SUPERHERO x SILVER	32	76	599	166	99	2.66	4.0	94	0.8	0.7	1.75	99	2.60	0.23	-0.29	2801G
SANDY-VALLEY I BATMAN-ET	TR TP	99-I	777HO11265	IMAX x JEDI	47	91	-92	224	99	2.96	3.3	92	0.7	-0.1	1.70	98	1.11	0.92	1.18	2801G
T-SPRUCE RESLV RICHFIELD-ET	TR TP	99-I	7HO14581	RESOLVE x MONTROSS	73	55	1358	197	97	2.58	4.9	88	0.9	-0.9	1.30	91	1.85	-0.68	1.16	2801G
DE-SU 14673 APPEAL	TR CD	99-NA	29HO18914	ACHIEVER x DOZER	25	74	-537	204	98	2.67	5.3	88	2.4	1.4	0.67	89	2.07	0.63	-1.51	2800G
EDG DIRECTOR ROOSTER-ET	TC TY	99-I	551HO03441	DIRECTOR x RUBICON	40	83	767	228	99	2.92	5.5	94	2.1	-0.3	1.88	95	1.83	-0.41	-0.59	2799G
RMD-DOTTERER SSI MAXIMUS-ET	TR TP	99-I	7HO14859	ROLAN x BLOWTORCH	48	78	1194	247	99	2.94	4.4	90	1.1	0.0	0.82	96	1.97	0.16	-2.58	2799G
DENOVO 14699 AURORA-ET	TR TC	99-I	29HO18931	ACHIEVER x HANG-TIME	61	107	1805	323	98	2.94	3.9	87	1.5	-1.0	-0.18	89	0.01	-0.21	-2.36	2798G
DENOVO 7895 MENTOR-ET	TR TC	99-I	29HO18775	MAGNUS x SUPERSHOT	64	57	1873	206	94	2.68	4.5	87	1.1	0.9	1.06	89	1.45	-0.03	0.04	2798G
DEXPRO MOJO-ET	TR TC	99-I	29HO18987	MEDLEY x JEDI	55	64	893	166	96	2.55	4.8	90	2.3	0.9	1.28	92	0.89	0.50	1.80	2798G
HURTGENLEA S HERO MAYS-ET	TR TP	99-I	551HO03575	SUPERHERO x YODER	51	72	1626	203	99	2.96	2.6	92	1.0	1.5	1.27	91	1.82	0.25	-0.17	2798G
MR SUPERHERO DEDICATE-ET	TR TC	99-I	551HO03590	SUPERHERO x ROBUST	44	78	817	224	99	2.85	5.1	90	2.5	1.5	0.77	97	1.11	-0.38	-1.18	2798G
PEAK ALTAMGM-ET	TR TP	99-I	11HO12374	IMAX x JEDI	59	84	1514	255	97	2.90	5.1	89	2.7	1.1	0.21	87	0.24	-0.39	0.38	2798G
S-S-I MAGEE PEDROZO-ET	TR TP	99-I	7HO14381	MAGEE x JEDI	63	69	1484	225	98	2.87	4.3	91	1.7	-0.4	1.33	89	1.14	-0.13	-0.46	2798G
WESTCOAST INTERVIEW-ET	TR TP	99-I	200HO11555	MARIUS x MODESTY	66	75	1518	256	94	2.87	3.4	84	-0.5	-1.2	0.78	85	1.66	0.12	-2.01	2797G
CAL-ROY-AL YODA-ET	TR TC	99-I	29HO18545	JEDI x YODER	56	92	1304	242	99	2.69	3.7	97	0.5	-2.2	1.36	98	1.36	-0.01	-0.01	2796G
DENOVO 7978 ALLUSION-ET	TR TC	99-I	29HO18807	ACHIEVER x JOSUPER	51	123	1101	313	95	2.79	2.4	87	0.4	-3.4	0.73	88	0.80	0.33	-1.20	2796G
HURTGENLEA MONT LEMANS-ET	TR TP	98-I	1HO13445	ALTAFLYWHEEL x YODER	52	104	1436	275	99	2.79	3.8	96	0.9	-1.1	0.46	90	0.63	-0.21	-1.19	2796G
PEAK ALTASHAZAM-ET	TR TP	99-I	11HO15060	MILKTIME x JEDI	69	86	2246	250	98	2.76	3.0	88	-0.2	-1.3	0.92	94	0.68	0.09	0.24	2796G
PINE-TREE JUICY JINN-ET	TR TP	99-I	1HO13899	JUICY x JEDI	74	65	2048	241	99	2.79	2.7	89	-1.1	-1.3	1.54	86	1.57	0.27	-0.13	2796G
S-S-I DOC ALUM	TR TP	99-I	7HO14608	DOC x RUBICON	51	85	1112	212	93	3.08	3.9	84	1.1	0.5	1.67	90	0.96	0.67	0.62	2795G
WESTCOAST ICEBREAKER-ET	TR TP	100-NA	200HO11380	GUARANTEED x MODESTY	68	92	1515	309	97	2.95	4.0	88	-0.6	1.2	-0.35	90	-0.18	-1.49	-2.47	2795G
CO-OP AARDEMA SUBZERO-ET	TR TP	99-I	1HO13424	WRENCH x MIDNIGHT	56	71	792	217	98	2.99	3.9	94	0.7	1.5	1.08	94	1.38	0.23	-0.28	2794G
PEAK ALTAINDIGO-ET	TR TP	98-I	11HO12328	IMAX x DRACO	64	98	1535	271	98	2.94	2.5	90	1.0	-2.5	1.08	89	1.23	-0.11	0.64	2794G
A-S-CANNON FRZZLD BIG AL-ET	TR TP	99-I	7HO14451	FRAZZLED x DELTA	35	101	191	248	99	2.58	4.9	93	1.4	0.1	0.56	98	0.54	-0.21	-0.79	2793G
AURORA ALTAANTONIO-ET	TR TP	99-I	11HO12083	BANDARES x COMMANDER	57	81	982	236	98	2.76	3.9	94	1.1	-0.6	1.18	96	0.93	0.85	0.18	2793G
TAG-LANE ELEMENT	TR TC	99-I	29HO18795	BURLEY x YODER	34	105	336	228	98	2.84	4.6	93	3.3	0.8	0.40	91	0.33	0.33	-0.21	2793G
RUANN MYSTIC-84306-ET	TR TP	99-I	7HO15100	RIO x MODESTY	51	57	1395	195	92	2.96	5.1	83	0.3	1.5	1.01	86	1.70	0.50	-0.78	2792G
TWIN-RIDGE REVELATION-ET	TR TP	99-I	7HO15094	SOLUTION x JEDI	48	66	1453	201	97	2.60	5.4	88	2.3	0.1	1.33	94	1.28	-0.21	0.22	2792G
BLUMENFELD ACHV MAMBA-ET	TR TP	99-NA	1HO13895	ACHIEVER x MODESTY	36	107	1547	257	99	3.13	5.1	93	2.6	1.4	0.13	94	0.33	-0.17	-1.18	2791G
OCD FRAZZLED TERMINATOR-ET	TP TC	99-I	7HO14312	FRAZZLED x DENVER	50	111	1508	274	97	2.64	3.0	90	-1.3	-2.4	0.76	88	1.19	-0.15	-0.37	2791G
BOMAZ FASTBALL-ET	TR TP	99-I	200HO11505	FRAZZLED x FERDINAND	48	72	2076	228	98	2.85	5.5	89	0.5	0.1	1.05	96	1.52	0.74	-0.85	2790G
DENOVO 14649 GODIVA-ET	TR TC	99-I	29HO18911	ACHIEVER x DELTA	39	83	414	232	99	2.77	5.2	90	2.6	0.6	0.47	92	1.04	0.66	-1.10	2790G
REGAN-DANHOF CASCADE-ET	TR TP	99-I	7HO14401	KING ROYAL x SUPERSHOT	41	68	743	158	99	2.77	2.0	90	-1.7	0.8	2.30	97	2.55	1.20	0.49	2790G
WESTCOAST YAMASKA-ET	TR TP	99-NA	200HO10915	AFTERBURNER x YODER	59	78	559	217	99	2.89	3.5	97	-1.8	-0.5	1.62	97	0.94	1.12	0.56	2790G
BADGER SSI RENEGAD GHOST-ET	TR TP	99-I	7HO14966	RENEGADE x SEATTLE	63	83	1020	227	93	2.97	1.8	84	-1.7	-0.9	1.74	90	1.09	1.05	1.32	2789G
BOMAZ MONTREAL-ET	TR TC	99-I	29HO18984	MEDLEY x CABRIOLET	50	132	394	296	99	3.07	3.1	92	0.8	-1.6	0.11	91	0.17	0.09	-0.84	2789G
PEAK ALTADDINSE-ET	TR TP	99-I	11HO15177	FABULOUS x DELTA	55	81	1397	223	95	2.83	3.7	87	0.2	-0.2	1.24	86	1.20	-0.26	0.80	2789G
PINE-TREE ACHIE KORBEL-ET	TR TP	99-I	1HO13879	ACHIEVER x PROFIT	69	88	1997	298	99	2.70	4.4	89	0.8	-1.8	0.31	92	0.26	-0.37	-2.01	2789G
PROGENESIS WIMBLEDON-ET	TR TP	99-I	777HO11251	ALTAROBSON x DENVER	32	75	-814	175	99	2.63	4.6	96	2.0	3.3	0.56	98	0.48	0.43	1.42	2789G

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.