



# BULL UPDATE

Top Holstein Friesian bulls from

**12 November 2021 AE Run**

(BW Bull File)

### Top 50 Proven BW Holstein Friesian Bulls as at 12/11/2021

**NB: Not all overseas bulls are enrolled in NZAEL, this list only includes those that are enrolled.**

Rank* ↑↓	AB Code	Name	Breed	Breeding			Country Of Birth	Marketer
				Worth	Reliability	Worth		
1 -	118070	TAFTS GR SUPERVISOR S1F	16	290	77	NZL	LIC	
2-1	117089	SPRING RIVER TACTIC S2F	15	274	82	NZL	LIC	
3-6	117018	KLAUS KJ WORLDCLASS S2F	16	263	80	NZL	LIC	
4 -	118508	SYMES SB CHECKBOOK S2F	14	260	75	NZL	CRV	
5-7	117021	TAFTS TT OFFICIAL-ET S2F	16	255	88	NZL	LIC	
6-2	115080	WESTEDGE VHR SWEET AS S2F	16	253	91	NZL	LIC	
7-5	112087	ALEXANDERS ENDEAVOUR S3F	16	252	92	NZL	LIC	
8-4	117561	MEANDER SB ALIAS-ET S2F	15	249	85	NZL	CRV	
9-3	118042	DICKSONS MH MASON-ET S2F	16	248	78	NZL	LIC	
10-8	117068	MEANDER SB ARROW-ET S2F	15	247	85	NZL	LIC	
11 -	118057	LIGHTBURN AK MANOR-ET S1F	16	245	75	NZL	LIC	
12-12	115012	PORTERS ZP PROMISE-ET S2F	15	238	87	NZL	LIC	
13-15	117038	TANGLEWOOD GL HARDY	16	237	82	NZL	LIC	
14 -	118053	GREENWELL GR GOVERNOR S1F	16	235	75	NZL	LIC	
15-13	113105	MARCHEL FI JOYRIDER S3F	16	235	87	NZL	LIC	
16-9	116523	AMBZED GRAND LENNAN S1F	15	232	85	NZL	CRV	
17-10	114106	HAZAEI FI JUBILEE S3F	16	230	90	NZL	LIC	
18-11	113087	TENNANT DARKSTAR-OC S1F	14	230	88	NZL	LIC	
19-14	117051	BUSY BROOK SB FORTUNE S2F	15	227	88	NZL	LIC	
20-17	115021	GORDONS AM LANCELOT S3F	16	226	97	NZL	LIC	
21 -	118557	BUSY BROOK OVERDRAFT S2F	15	225	75	NZL	CRV	
22-23	116019	WERDERS DE OVERTIME S1F	16	222	93	NZL	LIC	
23-21	114089	MOSSOPS GB PLAYMAKER	16	221	91	NZL	LIC	
24-16	116013	STOUPES BG TRIUMPHANT S1F	16	219	91	NZL	LIC	
25-18	115132	COSTERS POLARISE-ET S3F	16	218	86	NZL	LIC	
26-28	114032	WOODCOTE FI MASTERMIND	16	216	92	NZL	LIC	
27-19	113072	GREENWELL SH BANGER S1F	16	214	97	NZL	LIC	
28-25	115078	TAFTS WM GENTLEMAN-ET	16	213	85	NZL	LIC	
29-20	117077	OAKLINE GL CONVICTION S3F	16	211	82	NZL	LIC	
30-48	116124	SPRING TRALEE BEAT-ET S1F	15	210	95	NZL	LIC	
31-22	117503	SPRING RIVER BAZ-ET S2F	15	210	87	NZL	CRV	
32-27	115062	PAALVASTS MT CYCLONE S2F	16	210	86	NZL	LIC	
33-30	113535	TRALEE ME RAVEN-ET-OC S3F	16	210	96	NZL	Liberty Genetics Ltd	
34-24	116122	SPRING TRALEE BASS-ET S2F	15	209	95	NZL	LIC	
35-31	112073	LIGHTBURN IG RANBO-ET S3F	16	208	97	NZL	LIC	
36-33	114504	AMBZED RIDDINGTON WYN	16	208	85	NZL	CRV	
37-35	115107	LIGHTBURN BLADE GUSTO	16	207	86	NZL	LIC	
38-34	117083	BUSY BROOK HF LYNX-ET S1F	16	204	85	NZL	LIC	
39-36	115551	AMBZED REVITUP FONZIE S2F	15	204	85	NZL	Liberty Genetics Ltd	
40-29	117011	MO SB POINTBLANK S2F	15	204	84	NZL	LIC	
41 -	115509	HILLSVIEW LAD PULSAR-ET	16	202	95	NZL	Liberty Genetics Ltd	
42-44	112034	CARSONS FM CAIRO S3F	16	200	99	NZL	LIC	
43 -	113043	ADAMS BR ULTIMATE S3F	16	200	92	NZL	LIC	
44-26	117048	BUSY BROOK SB RUMBLE S2F	15	200	83	NZL	LIC	
45-40	115077	TAFTS WM TRANQUIL-ET	16	200	90	NZL	LIC	
46-45	117057	MAIRE GL GRADUATE-ET	16	198	80	NZL	LIC	
47-47	116012	BLACKSTOCK WE EMBLAZE S2F	15	198	85	NZL	LIC	
48 -	116056	WESTEDGE ML LOMU S2F	16	196	85	NZL	LIC	
49-39	114049	SCOTTS FI DUSKY S3F	16	196	88	NZL	LIC	
50-50	117015	DICKSONS GF GO-GETTER-ET	16	195	81	NZL	LIC	

\* Movement in rank: the first number represents the bull's rank as of the latest AE Run 12/11/2021). The second number shows where the bull ranked in the previous AE Run (29/10/2021). If there is no second number, the bull is new to the top 50/top 10 list.

### Top 50 Unproven BW Holstein Friesian Bulls as at 12/11/2021

**NB: Not all overseas bulls are enrolled in NZAEL, this list only includes those that are enrolled.**

Rank* ↑↓	AB Code	Name	Breed	Breeding			Country Of Birth	Marketer
				Worth	Reliability	Worth		
1-1	118001	WAIMATA SB RANSOM-ET S2F	16	292	74	NZL	LIC	
2-4	118564	NOBLE PULSE ARSENAL S1F	16	265	71	NZL	Liberty Genetics Ltd	
3-13	118103	WOODCOTE BG VICTORY S1F	16	243	74	NZL	LIC	
4-8	120073	MEANDER TS ALLOY-ET S1F	16	243	46	NZL	LIC	
5-7	120001	MILL-RIDGE TS FINN-ET S1F	16	243	36	NZL	LIC	
6-6	120002	MILL-RIDGE TS FLEX-ET S1F	16	243	36	NZL	LIC	
7-11	121083	MAIRE TS JAGER-ET S1F	16	233	39	NZL	LIC	
8-12	118052	GREENWELL MH CANYON S2F	15	228	72	NZL	LIC	
9-14	118039	HARLAW AB DICTATOR S3F	15	225	73	NZL	LIC	
10-18	118071	GLENMEAD SB TRAPEZE S1F	15	224	71	NZL	LIC	
11-15	121007	SANSONS GG VIRIDIAN S1F	15	223	36	NZL	LIC	
12-17	120032	BELLAMYS TS GADGET-ET S1F	16	221	37	NZL	LIC	
13-19	121062	CHISHOLM BROKER S1F	15	218	36	NZL	LIC	
14-20	121077	CHATFIELDS TS ZINGER S1F	16	217	36	NZL	LIC	
15-23	119065	MEANDER TD AZURE-ET S1F	15	215	51	NZL	LIC	
16-24	120037	SPRINGFIELD TS COMBAT S1F	16	214	36	NZL	LIC	
17-22	121002	MILL-RIDGE TS GALLOP S1F	16	213	37	NZL	LIC	
18-30	121029	MEANDER GG WIPEOUT-ET S1F	16	212	37	NZL	LIC	
19-28	120035	MAH SUPER STARDUST S1F	16	212	38	NZL	LIC	
20-21	118012	JAREEM RD HYPNOTIC S2F	16	211	73	NZL	LIC	
21-27	120026	BELLAMYS DM GLIDER-ET S2F	16	209	36	NZL	LIC	
22-25	121025	MAH ST STRIKING S1F	16	206	41	NZL	LIC	
23-26	120025	LIGHTBURN DM MANTA-ET S2F	16	205	39	NZL	LIC	
24-36	121006	TANGLEWOOD GG RAINGER S1F	16	205	36	NZL	LIC	
25-35	120049	STOUPES GG MOTIVATION S1F	15	205	35	NZL	LIC	
26-32	121040	SPRING RIVER GG SPYRO S1F	16	204	37	NZL	LIC	
27-16	118055	MITCHELLS HD HOMERUN S1F	16	204	72	NZL	LIC	
28-33	121078	TAFTS MA IMPULSE-ET S1F	16	203	29	NZL	LIC	
29-29	119022	MAH DARK STRAUSS-ET S1F	15	203	42	NZL	LIC	
30-43	121020	WAITARIA TRAPEZE ZEUS S1F	15	201	34	NZL	LIC	
31-39	121013	STONEYS GG STAND-OUT S1F	15	201	35	NZL	LIC	
32-45	121037	BALANTIS LG TARZAN S2F	15	200	41	NZL	LIC	
33-37	120086	PRATTLEYS TS VALIDATE S1F	15	200	38	NZL	LIC	
34-34	121054	BUSYBROOK MA SWISH-ET S1F	16	199	27	NZL	LIC	
35-41	121069	TAFTS TRADESMAN S2F	16	198	28	NZL	LIC	
36-47	121023	PAHIA GG GALEFORCE S1F	16	198	36	NZL	LIC	
37 -	121050	CAVALIER MA DIACK-ET S2F	15	197	39	NZL	LIC	
38-46	121024	MAH FBE STUPENDOUS-ET S2F**	16	197	25	NZL	LIC	
39 -	120526	LAKESIDE PADDY-ET-OC S1F	14	196	43	NZL	CRV	
40 -	121076	HOWSES GG ECLIPSE S1F	15	195	35	NZL	LIC	
41 -	120030	BELLAMYS GG GEYSER-ET S1F	16	194	37	NZL	LIC	
42 -	118072	GLENMEAD GR KINDLE S1F	16	193	73	NZL	LIC	
43 -	120063	MATTAJUDE VR BRUTE-ET S1F	16	193	43	NZL	LIC	
44 -	118105	WOODCOTE FREE MILESTONE	16	193	74	NZL	LIC	
45 -	121516	BUSYBROOK L SCRIBE-ET S3F	16	193	44	NZL	CRV	
46 -	120060	OAKLINE DEED FIXER S1F	16	192	36	NZL	LIC	
47 -	120085	CLOVERLEA MA ROMULUS S2F	16	192	40	NZL	LIC	
48-40	121032	MEANDER TR ALADDIN-ET S1F	16	192	31	NZL	LIC	
49-49	121027	MEANDER TR AMAZON-ET S1F	16	192	28	NZL	LIC	
50-44	120033	WAITARIA MASON KYLE S2F	16	191	37	NZL	LIC	

Top 10 Holstein Friesian Bulls in Fertility BV, Milk BV, Fat BV, Protein BV, Fat %, Protein %, Calving Difficulty and Udder Overall according to the 12/11/2021 AE Run

NB: Not all overseas bulls are enrolled in NZAEL, this list only includes those that are enrolled.

	Unproven (below 75% BW Reliability)
	Proven (75% and above BW Reliability)

Fertility BV

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Fertility BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	116528	20150101	ARKAN HOT BEDFORD-ET S2F	15	MOURNE GROVE HOTHOUSE S2F	ARKAN FME BUSTLE-ET S2F	6.41	176	86	NZL
2 -	116036	20150723	ARKAN MGH BACKDROP-ET S2F	15	MOURNE GROVE HOTHOUSE S2F	ARKAN FME BUSTLE-ET S2F	6.36	171	95	NZL
3-6	113042	20120706	CHARLTONS FI FINALCUT S2F	16	FARISIDE M ILLUSTRIOUS S3F		6.04	165	98	NZL
4-3	112037	20110908	WEARNES FE TE POI S3F	16	FAIRMONT MINT-EDITION		6.04	130	98	NZL
5-7	114027	20130718	GREENWELL WTP BETA S3F	16	WEARNES FE TE POI S3F	GREENWELL BLOSSOM	5.82	72	87	NZL
6-5	115060	20140729	TELESIS GB HIGH TIME S2F	16	GREENWELL MD BRUTUS S3F	TELESIS HAMMER HEIDI S1F	5.69	77	95	NZL
7-4	116050	20150712	MCLACHLANS MGH TREAT S2F	16	MOURNE GROVE HOTHOUSE S2F		5.60	67	84	NZL
8 -	116518	20150726	CULGLEN HOT BERMUDA S2F	16	MOURNE GROVE HOTHOUSE S2F	CULGLEN JUSTICE BILLY S2F	5.55	84	90	NZL
9-9	115111	20140812	ARDGLASS MT HALOGEN S2F	16	MITCHELLS WT TYPHOON S2F		5.30	140	86	NZL
10 -	117564	20160704	POWELLS HH HOTSHOT S2F	16	MOURNE GROVE HOTHOUSE S2F		5.11	45	82	NZL

Milk BV

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Milk BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	120715	20150501	S-S-I JOSUPER ROCKETFIRE-ET	16	UECKER SUPERSIRE JOSUPER-ET	S-S-I STRLING TAYLOR 8728-ET	2147	59	48	USA
2-2	116703	20110409	SANDY VALLEY SALOON-ET	16	REGANCREST ALTAIOTA-ET	SANDY-VALLEY PLANE SAPPHIRE	2097	-45	79	USA
3-3	114952	20121014	BACON-HILL MONTROSS-ET	16	MOUNTFIELD SSI DCY MOGUL-ET	UNIQUE-STYLE BOLTON MONEY	2062	-11	89	USA
4-5	117901	20110407	SANDY-VALLEY SUTTON ET	16	ROYLANE SOCRA ROBUST ET	SANDY-VALLEY PLANE SAPPHIRE	1991	-60	81	USA
5-8	117911	20140515	S-S-I MONTROSS JETT-ET	16	BACON-HILL MONTROSS-ET	S-S-I SUPRSIRE MIRI 8679-ET	1986	-20	73	USA
6-7	116724	20110220	S-S-I ROBUST BIGGIO-ET	16	ROYLANE SOCRA ROBUST ET	OLMAR PLANET BABY BB	1982	5	90	USA
7-4	115857	20130220	STANTONS HIGH OCTANE	16	DE-SU BKM MCCUTCHEM 1174-ET	MS CHASSITY OBS CLAIRE-ET	1979	-113	81	CAN
8-10	115013	20140809	SCOTTS HDF DAYTONA-ET**	16	HAZEL DAUNTLESS FREEDOM	SCOTTS FAR DELITE-ET S3F	1951	68	86	NZL
9-6	118507	20170730	RIVENDELL MFU SCOTCH***	16	MAIRE MINT FIRE-UP	RIVENDELL JUSTICE SUZY	1947	186	76	NZL
10 -	117946	20150407	AOT SILVER HELIX-ET	16	SEAGULL-BAY SILVER-ET	COOKIECUTTER SSIRE HAS-ET	1924	76	59	USA

Fat BV

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Fat BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	117946	20150407	AOT SILVER HELIX-ET	16	SEAGULL-BAY SILVER-ET	COOKIECUTTER SSIRE HAS-ET	70.1	76	59	USA
2-2	118707	20130508	APRILDAY EQUINOX 654-ET	16	SEAGULL-BAY SUPERSIRE-ET	RI-VAL-RE SOTO ERIN-P-ET	66.3	138	63	USA
3-3	119685	20150812	DE-SU 13050 SPECTRE-ET	16	WOODCREST MOGUL YODER-ET	DE-SU SUPERSIRE 3349-ET	65.2	82	60	USA
4-4	118070	20170719	TAFTS GR SUPERVISOR S1F	16	GALATEA MGH REGIMENT S1F		61.6	290	77	NZL
5-5	117018	20160805	KLAUS KJ WORLDCLASS S2F	16	KINGSDOWN AM JAXON-ET S2F		61.5	263	80	NZL
6-6	117908	20150626	WELCOME SILVER GRIFF-ET	16	SEAGULL-BAY SILVER-ET	WELCOME SUPERSIRE GALES-ET	60.2	141	70	USA
7-7	118012	20170730	JAREEM RD HYPNOTIC S2F	16	RIVER HEIGHTS DUDE-ET S2F		59.6	211	73	NZL
8-8	118507	20170730	RIVENDELL MFU SCOTCH***	16	MAIRE MINT FIRE-UP	RIVENDELL JUSTICE SUZY	59.1	186	76	NZL
9-9	118001	20170629	WAIMATA SB RANSOM-ET S2F	16	SPRING TRALEE BASS-ET S2F	WAIMATA 13-14 S1F	59.0	292	74	NZL
10 -	118103	20170621	WOODCOTE BG VICTORY S1F	16	BAGWORTH PF GRANDEUR S1F	WOODCOTE HH VERONA-ET S2F	57.8	243	74	NZL

Fat %

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Fat % BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	117558	20160807	RIDDINGTONS T MAKO	16	WAIU MAX TOMMO S3F	KAHAA 269 MINTY S0F	5.46	166	81	NZL
2-2	113042	20120706	CHARLTONS FI FINALCUT S2F	16	FARISIDE M ILLUSTRIOUS S3F		5.44	165	98	NZL
3-3	115039	20140914	SPRING RIVER COSMO-ET S2F	16	WOODCOTE TF MAXIMISER	RIDGETOP 01-5-RR S1F	5.39	194	87	NZL
4-5	117089	20160826	SPRING RIVER TACTIC S2F	15	SAN RAY FM BEAMER-ET S2F	SPRING RIVER TIFFANY S2F	5.37	274	82	NZL
5-4	117051	20160804	BUSY BROOK SB FORTUNE S2F	15	SAN RAY FM BEAMER-ET S2F	BUSY BROOK MILL FAY S2F	5.36	227	88	NZL
6-6	113535	20120424	TRALEE ME RAVEN-ET-OC S3F	16	FAIRMONT MINT-EDITION	BUSY BROOK GERIS RAVE S2F	5.35	210	96	NZL
7-7	113024	20110801	BUSY BROOK RAP-ET S3F	16	FAIRMONT MINT-EDITION	BUSY BROOK AP RANA-ET S2F	5.33	161	88	NZL
8-8	113054	20120720	MONOWAI FM DEALER S2F	15	FAIRMONT MINT-EDITION	MONOWAI FROST DOTY-ET S1F	5.33	69	71	NZL
9 -	116019	20150813	WERDERS DE OVERTIME S1F	16	DICKSONS SHADE EMPIRE S1F		5.33	222	93	NZL
10-9	115097	20140818	ARON-AMY MT HONOUR S2F	16	MITCHELLS WT TYPHOON S2F	ARON-AMY FME KATE S2F	5.32	189	85	NZL

Protein BV

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Protein BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	118507	20170730	RIVENDELL MFU SCOTCH***	16	MAIRE MINT FIRE-UP	RIVENDELL JUSTICE SUZY	68.9	186	76	NZL
2-2	112080	20110728	MAIRE MINT FIRE-UP	16	FAIRMONT MINT-EDITION	MAIRE OMAN FIRE	63.7	143	98	NZL
3-3	118001	20170629	WAIMATA SB RANSOM-ET S2F	16	SPRING TRALEE BASS-ET S2F	WAIMATA 13-14 S1F	60.5	292	74	NZL
4-4	118101	20170628	WOODCOTE MF LOCHI-ET S3F**	16	MAIRE MINT FIRE-UP	WOODCOTE HOTH LARA-ET S2F	60.3	172	74	NZL
5-5	117084	20160712	LIGHTBURN MH RETRO-ET S2F	16	MOURNE GROVE HOTHOUSE S2F	LIGHTBURN IGN RISE-ET S3F	57.7	187	82	NZL
6-7	116533	20150819	AMBZED THADIOUS JASPER S2F	16	WAIU MINT THADIOUS-ET S3F	JASSIE	56.5	146	82	NZL
7-6	115013	20140809	SCOTTS HDF DAYTONA-ET**	16	HAZEL DAUNTLESS FREEDOM	SCOTTS FAR DELITE-ET S3F	56.3	68	86	NZL
8-8	117015	20160805	DICKSONS GF GO-GETTER-ET	16	GREENWELL SB FORAY-ET S3F	LIGHTBURN IGN GRETA-ET	55.3	195	81	NZL
9-10	114529	20130729	BUSY BROOK OMAH-ET-OC S2F	16	MARCHEL FIRE MACCA-OC S2F	KIWI EXTASY OLIVE S2F	54.3	141	90	NZL
10 -	117505	20160624	LORNACE FREE DERINGER-ET	16	HAZEL DAUNTLESS FREEDOM	LORNACE MINT DEVA-ET	54.2	152	83	NZL

Protein %

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Protein % BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	117801	20160426	GRANTZ LAMON COLE-ET S1F	14	MORRIS TF LAMONT S1F	GRANTZ MINT APPLE S0F	4.31	68	88	NZL
2-2	117558	20160807	RIDDINGTONS T MAKO	16	WAIU MAX TOMMO S3F	KAHAA 269 MINTY S0F	4.30	166	81	NZL
3-3	117057	20160804	MAIRE GL GRADUATE-ET	16	GORDONS AM LANCELOT S3F	LIGHTBURN F M I GRACIE-ET	4.28	198	80	NZL
4-4	116101	20150919	TELESIS ML HASHTAG S1F	16	MORRIS TF LAMONT S1F	TELESIS THADIOUS STEPH S3F	4.27	139	91	NZL
5-6	115060	20140729	TELESIS GB HIGH TIME S2F	16	GREENWELL MD BRUTUS S3F	TELESIS HAMMER HEIDI S1F	4.25	77	95	NZL
6-5	119103	20180804	MEANDER AB ABLAZE-ET S2F	16	ARKAN MGH BACKDROP-ET S2F	MEANDER INCA AVRIL-ET S3F	4.25	157	46	NZL
7-8	112033	20110807	CETARA GB LONESTAR S3F	16	GREENWELLS HF BONZA S3F		4.24	80	97	NZL
8-7	113535	20120424	TRALEE ME RAVEN-ET-OC S3F	16	FAIRMONT MINT-EDITION	BUSY BROOK GERIS RAVE S2F	4.24	210	96	NZL
9-9	113072	20120809	GREENWELL SH BANGER S1F	16	SAVANNAHS HF HAMMER S1F		4.23	214	97	NZL
10-10	121050	20200306	CAVALIER MA DIACK-ET S2F	15	MEANDER SB ARROW-ET S2F		4.23	197	39	NZL

**Udder Overall BV**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Udder Overall BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	114743	20120617	CROTEAU LESPERRON UNIX	16	AMIGHETTI NUMERO UNO	REGAN-ALH DOMAIN DAYA-ET	1.91	-106	88	CAN
2-2	120675	20140418	VEKIS DG POPEYE	16	DE-SU 11236 BALISTO-ET	VEKIS PAIGE	1.89	-34	61	NLD
3-3	115857	20130220	STANTONS HIGH OCTANE	16	DE-SU BKM MCCUTCHEN 1174-ET	MS CHASSITY OBS CLAIRE-ET	1.83	-113	81	CAN
4-4	118858	20140105	LARCREST COLLUDE-ET	16	DE-SU 11236 BALISTO-ET	LARCREST CABOODLE	1.79	-72	73	USA
5-5	114734	20120930	LADYS-MANOR DURBIN-ET	16	DE-SU BKM MCCUTCHEN 1174-ET	LADYS-MANOR ALLANAS DORA-ET	1.79	-103	78	USA
6-6	115581	20130408	BARNKAMPER MONROVIA	16	MOUNTFIELD SSI DCY MOGUL-ET	BARNKAMPER MARILYN 3	1.77	-192	86	NLD
7-9	117913	20150521	FESTIVAL	16	ZAHBULLS ALTA1STCLASS-ET	MB 133 133	1.76	-43	45	DEU
8-8	115894	20121107	CLAYNOOK DICTION	16	MOUNTFIELD SSI DCY MOGUL-ET	OCD PLANET DIAMOND-ET	1.75	-84	55	CAN
9-7	116904	20140622	OCD RODGERS FRANCHISE-ET	16	DE-SU LTM RODGERS 11379-ET	OCD MOGUL FREE WILLY	1.75	-69	77	USA
10-10	113876	20110504	VELTHUIS LET IT SNOW	16	FLEVO GENETICS SNOWMAN	MSCHARTROIS PLANET LEONI-ET	1.74	-163	85	CAN

**Heifer Calving Difficulty BV**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Heifer Calving Difficulty BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-3	114744	20110703	ROYLANE BOOKEM BOB 5170-ET	16	DE-SU 521 BOOKEM-ET	SEAGULL-BAY OMAN MIRROR ET	-3.31	87	94	USA
2-1	112531	20110729	TRALEE TOR GALATEA-ET	16	TRALEE O RAINMAN-ET S3F	LIGHTBURN GUARANTISE-ET	-2.94	15	93	NZL
3-2	114748	20121122	COASTAL-VIEW MOOKIE-ET	16	MOUNTFIELD SSI DCY MOGUL-ET	GENIE-J OBSERVER MEG-ET	-2.79	75	94	USA
4 -	120762	20170703	DENOVO 7921 ATRIUM-ET	16	ABS ACHIEVER-ET	PEN-COL DELTA BARB-ET	-2.06	-34	24	USA
5-10	119675	20170623	WELCOME GODDARD 3571-ET	16	SYRZYK SILVR BLOWTORCH-ET	WELCOME DELTA GOOGLE-ET	-1.98	-39	25	USA
6-9	115582	20130527	CAUDUMER POWERPLAY PP	16	HICKORYMEA PARKER P-ET	CAUDUMER LOL 305	-1.73	52	90	NLD
7 -	119673	20171022	BADGER S-S-I CURRY SPORT-ET	16	DE-SU CURRY 13360	S-S-I BG 10696 15122-ET	-1.68	34	26	USA
8-6	112002	20110719	KOKICH TR SETTLER S1F	15	TRALEE PF RESOLUTE-ET S1F		-1.57	62	85	NZL
9-7	117551	20160809	MEANDER SB QUANTICO S1F	15	SAN RAY FM BEAMER-ET S2F	MEANDER TOPGUN QUIN SOF	-1.52	154	89	NZL
10 -	118730	20130123	S-S-I STERLING TRENTON-ET	16	SANDY-VALLEY STERLING-ET	S-S-I ROBUST TULARE 7259-ET	-1.48	45	75	USA

**Cow Calving Difficulty BV**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Cow Calving Difficulty BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1 -	120053	20190806	DICKSONS MR POLL-P-ET S2F	16	COSTERS METROPOLIS P S2F	DICKSONS CP MARGY S1F	-2.32	148	36	NZL
2 -	120061	20190716	DIACKS GE SUMMIT-ET S1F	15	GLEN KORU ETHOS-ET S1F		-2.13	174	42	NZL
3-3	118533	20170822	TELESIS HH BRAVO-ET S2F	16	MOURNE GROVE HOTHOUSE S2F	TELESIS BLITZ EBELL S2F	-2.00	182	75	NZL
4 -	120043	20190725	JONES MA REVELATION S2F	16	MEANDER TT ASSET-ET S2F		-1.94	153	40	NZL
5-4	119102	20180807	YOUNGS PT AUROA S2F	15	PADRUTTS GB TOPNOTCH S2F		-1.88	128	43	NZL
6-2	119009	20180905	OAKLINE BM KINETIC S2F	16	BOTHWELL WT MAXIMA S2F	OAKLINE REVITUP KACIE S2F	-1.78	171	42	NZL
7-7	114065	20130723	BELFIELDS GB CASCADE S3F	16	GREENWELL TF BLITZ-ET S3F		-1.60	78	86	NZL
8 -	114918	20130730	DELTA MAIK LYSSEL	14	HOEKLAND MAIK		-1.58	-165	75	NZL
9 -	114105	20130929	KAHURANGI GB TRAX-ET S2F	16	GREENWELL TF BLITZ-ET S3F	TAMARA	-1.50	62	86	NZL
10-10	112010	20110729	TRALEE BK TRIGGER-ET S2F	16	BAGWORTH MA KATAPULT	TRALEE 09-80-ET S1F	-1.44	14	86	NZL

**Fertility BV (Overseas Bulls)**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Fertility BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	118590	20150605	DELTA SANDER P	16	DELTA JESTER	NOOR	3.75	3	46	NLD
2-2	116912	20140628	NO-FLA MERIT-ET	16	NO-FLA ALTAGENUITY-ET	NO-FLA GREATEST 33143-ET	3.46	-149	77	USA
3-3	119670	20140226	MOUNTFIELD JBR MOZAIK-ET	16	COYNE-FARMS JABIR-ET	MOUNTFIELD SHMRK MEMPHIS	3.29	-6	55	USA
4-7	117596	20150806	DELTA ROSEBUD RED	16	FLOU RDC	RIKA 806	3.28	-132	84	NLD
5-4	118671	20120113	ROHORST PIONEER RF	16	J & G MALANDO	ROH 7	2.83	-86	50	NLD
6-5	120674	20131107	VH SUAREZ SPARKY	16	VH ANDERSTRUP SUPER SUAREZ	4443202350	2.49	-67	55	DNK
7-8	117590	20150209	PEAK CHUCK	16	COGENT SUPERSHOT BLF BYF CVF	BRYHILL RANSOM MARQUISSE-ET	2.35	-26	86	USA
8-6	115582	20130527	CAUDUMER POWERPLAY PP	16	HICKORYMEA PARKER P-ET	CAUDUMER LOL 305	2.15	52	90	NLD
9-9	113581	20110129	DE VRENDT ARAM	16	BLOM FARM AWARD	DE VRENDT GERDINE 91	1.78	-15	73	NLD
10 -	117917	20151109	BRYHILL MACAU-ET	16	COGENT SUPERSHOT BLF BYF CVF	SULLY ROBUST 720-ET	1.68	54	64	CAN

**Fat BV (Overseas Bulls)**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Fat BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	117946	20150407	AOT SILVER HELIX-ET	16	SEAGULL-BAY SILVER-ET	COOKIECUTTER SSIRE HAS-ET	70.1	76	59	USA
2-2	118707	20130508	APRILDAY EQUINOX 654-ET	16	SEAGULL-BAY SUPERSIRE-ET	RI-VAL-RE SOTO ERIN-P-ET	66.3	138	63	USA
3-3	119685	20150812	DE-SU 13050 SPECTRE-ET	16	WOODCREST MOGUL YODER-ET	DE-SU SUPERSIRE 3349-ET	65.2	82	60	USA
4-4	117908	20150626	WELCOME SILVER GRIFF-ET	16	SEAGULL-BAY SILVER-ET	WELCOME SUPERSIRE GALES-ET	60.2	141	70	USA
5-5	117902	20150826	AOT SILVER HITEST 5945-ET	16	SEAGULL-BAY SILVER-ET	COOKIECUTTER SSIRE HAS-ET	56.1	108	84	USA
6-6	117906	20150527	PEAK ACCELREGAL-ET	16	PLAIN-KNOLL DONA BAYONET-ET	ALNA MOGUL ROSA	54.8	33	55	USA
7-7	114748	20121122	COASTAL-VIEW MOOKIE-ET	16	MOUNTFIELD SSI DCY MOGUL-ET	GENIE-J OBSERVER MEG-ET	51.7	75	94	USA
8-8	116588	20141206	NEWHOUSE JORBEN	16	A H VITESSE	NEWHOUSE SNEEKER 567	50.5	113	68	BEL
9-9	120586	20150706	PEAK HOTLINE-ET	16	GLEN-D-HAVEN ALTAHOTROD	J-MOR MOGUL HOSTICE-ET	48.9	8	56	USA
10-10	116745	20140625	BACON-HILL PETY MODESTY-ET	16	SIEMERS MOGUL PETY	BACON-HILL SUPRS MODESTY-ET	48.7	56	70	USA

**Protein BV (Overseas Bulls)**

Rank ↑↓	AB Code	Date Of Birth	Name	Breed	Name Of Sire	Name Of Dam	Protein BV	Breeding Worth	Breeding Worth Reliability	Country Of Birth
1-1	120715	20150501	S-S-I JOSUPER ROCKETFIRE-ET	16	UECKER SUPERSIRE JOSUPER-ET	S-S-I STRLING TAYLOR 8728-ET	50.6	59	48	USA
2-2	116724	20110220	S-S-I ROBUST BIGGIO-ET	16	ROYLANE SOGRA ROBUST ET	OLMAR PLANET BABY BB	50.5	5	90	USA
3-3	116703	20110409	SANDY VALLEY SALOON-ET	16	REGANCREST ALTAIOTA-ET	SANDY-VALLEY PLANE SAPPHIRE	50.0	-45	79	USA
4-4	118707	20130508	APRILDAY EQUINOX 654-ET	16	SEAGULL-BAY SUPERSIRE-ET	RI-VAL-RE SOTO ERIN-P-ET	48.3	138	63	USA
5-5	114744	20110703	ROYLANE BOOKEM BOB 5170-ET	16	DE-SU 521 BOOKEM-ET	SEAGULL-BAY OMAN MIRROR ET	46.4	87	94	USA
6-6	117908	20150626	WELCOME SILVER GRIFF-ET	16	SEAGULL-BAY SILVER-ET	WELCOME SUPERSIRE GALES-ET	45.6	141	70	USA
7-7	117901	20110407	SANDY-VALLEY SUTTON ET	16	ROYLANE SOGRA ROBUST ET	SANDY-VALLEY PLANE SAPPHIRE	44.8	-60	81	USA
8-10	117910	20141009	S-S-I YODER YALE-ET	16	WOODCREST MOGUL YODER-ET	S-S-I SUPRSIRE MIRI 8679-ET	43.5	31	79	USA
9-8	117911	20140515	S-S-I MONTROSS JETT-ET	16	BACON-HILL MONTROSS-ET	S-S-I SUPRSIRE MIRI 8679-ET	43.3	-20	73	USA
10-9	113584	20110612	LOWLANDS QUEST	16	DELTA BRILLIANT	DESIBON 6	42.6	7	89	NLD