

INTERNATIONAL TOP SIRES

Top 20 Holstein Daughter Proven Bulls,
Ranked on Country Breeding Index, Domestic Proof, October 2018 Evaluation

IHFA	Sire x M.G. Sire	EBI	Rel %	Milk (kg)	Fat (kg)	Fat %	Prtn (kg)	Prtn %	F & L	Mammary	Type	Survival	Fertility	S.C.C.
S-S-I SHAMROCK MYSTIC-ET	Shamrock x Shottle	301	60	660.0	22.4	20.3	-0.1	-0.0	0.9	1.8	1.7	4.0	138	-0.2
PEAK MR. GREY	Jetset x O Man Just	259	62	735.1	25.6	21.6	-0.1	-0.1	2.5	1.7	2.2	4.0	80	-0.2
RZH PINTERAULT	Penley x Balisto	232	55	404.0	16.6	18.0	0.0	0.1	1.9	2.7	3.4	4.6	61	-0.3
S-S-I SHIL STCLF GOLDTOP-ET	Sutcliff x Altajackman	227	56	400.4	15.6	14.2	0.0	0.0	2.1	2.1	3.0	3.9	74	-0.3
WESTCOAST PERSEUS	Penmanship x Doorman	223	60	504.0	20.4	20.5	0.0	0.1	3.0	4.1	4.6	3.5	50	-0.3
DG RH ALPHAMAN	Aikman x Detox	217	65	554.6	33.6	21.5	0.2	0.0	1.6	2.5	2.5	2.1	23	-0.3
SIEMERS MODESTY HAIL-ET	Modesty x Mogul	215	55	508.6	19.2	16.5	-0.0	-0.0	2.0	3.3	3.8	2.8	76	-0.1
VH SUAREZ SPARKY	Suarez x Salomon	211	62	266.4	14.6	11.7	0.1	0.0	1.0	2.0	2.0	2.7	98	-0.2
EDG BOB CYPRUS 15120-ET	Bob x Numero Uno	209	58	470.1	23.0	17.5	0.1	0.0	1.6	3.5	3.5	2.5	54	-0.2
WEELDER EMPIRE	Bravo x G Force	205	52	530.1	25.1	21.0	0.1	0.1	1.8	2.7	3.0	2.7	20	-0.3
ABS MAYDAY-ET	Tailor x Balisto	204	53	524.0	21.1	21.7	0.0	0.1	1.6	3.8	3.8	2.8	36	-0.3
DELABERGE PEPPER	Mogul x Planet	202	72	347.8	22.3	16.1	0.1	0.1	3.1	3.4	3.8	3.4	45	-0.1
S-S-I HALOGEN PREMIER-ET	Halogen x Mogul	200	59	371.3	15.7	10.3	0.0	-0.0	1.1	1.8	1.9	2.1	79	-0.2
COGENT PEAK ALEX	Altabetman x Numero Uno	197	62	277.3	22.8	11.2	0.2	0.0	2.6	2.5	3.4	3.5	58	-0.3
DE-SU HAGLEY 12144-ET	Halogen x Shamrock	195	64	323.6	9.8	9.8	-0.1	-0.0	1.0	2.5	2.5	2.7	98	-0.1
STERK KISS KYTEMAN	Aikman x Jet Bowser	195	71	518.5	21.6	21.1	0.0	0.1	3.3	1.5	2.3	2.2	28	-0.1
IHG ARDENT-ET	Main Event x Supersire	194	57	563.4	17.4	17.1	-0.1	-0.0	2.3	2.5	3.2	2.7	54	-0.2
ROYLANE BOXER PUNCH 4311-ET	Boxer x O-Man	192	70	505.5	19.3	17.6	-0.0	0.0	2.7	2.2	2.7	1.3	46	-0.1
SANDY-VALLEY-I PENMANSHIP	Enforcer x Numero Uno	190	59	498.4	12.5	17.0	-0.1	0.0	1.8	2.6	2.8	3.6	88	-0.2
MR MOVIESTAR MARDI GRAS-ET	Mogul x Planet	189	82	485.8	18.6	14.6	-0.0	-0.0	2.2	2.9	3.1	3.1	65	-0.1

Holstein Canada	Sire x M.G. Sire	GLPI	Rel %	Milk (kgs)	Fat (kgs)	Fat %	Prtn (kgs)	Prtn %	F & L	Mammary	Type	Herd Life	Fertility	S.C.S.
COMESTAR LAUTRUST VG87	Sudan x Man-O-Man	3292	90	1634	88	0.23	75	0.17	11	11	11	105	99	2.88
MAPEL WOOD BREWMASTER EX95	Garrett x Shottle	3232	95	1152	132	0.78	51	0.11	7	3	7	107	107	2.74
GILLETTE BYROAD	Shotgalss x Windbrook	3178	87	992	76	0.35	47	0.12	6	12	8	109	105	2.53
STE ODILE OCEANIC VG85	Epic x Man-O-Man	3171	91	2069	44	-0.28	56	-0.1	14	14	14	105	98	2.9
LACTOMONT LAUNCH MOGUL	Mogul x Man-O-Man	3148	87	1454	95	0.34	73	0.2	2	8	6	106	103	2.79
GEN-I-BEQ AIKMAN VG86	Snowman x Altabaxter	3137	93	1173	97	0.47	68	0.24	5	5	5	103	103	2.58
LINDENRIGHT MEGAWATT	Enforcer x Bradnick	3131	90	757	59	0.28	43	0.15	11	8	8	108	109	2.87
MYSTIQUE ALSACE	McCutchin x Gerard	3127	89	1668	73	0.08	79	0.18	6	8	8	103	100	2.49
SILVERRIDGE V EAST VG85	Munition x Snowman	3123	87	1622	64	0.03	63	0.07	12	3	7	106	107	2.90
BOLDI AIRLIFT	Fernand x Observer	3111	89	1831	71	0.02	77	0.13	6	10	8	103	103	3.06
GILLETTE CRYWOLF	Enforcer x Snowman	3098	87	1950	56	-0.14	74	0.09	11	0	7	107	104	2.74
MYSTIQUE ACOUSTIQUE	Day x Gerard	3090	89	1906	87	0.13	66	0.02	4	11	9	101	102	2.91
BRYCEHOLME SS BOASTFUL-ET	Supersire x Man-O-Man	3085	87	882	79	0.42	60	0.27	8	7	7	108	101	2.68
COMESTAR LINEMAN VG85	Mogul x Man-O-Man	3079	93	546	52	0.28	38	0.17	6	15	12	105	104	2.71
SILVERRIDGE ALBUM EX92	Epic x Man-O-Man	3077	96	1280	47	0.00	62	0.16	7	6	7	109	104	2.51
STANTONS LULLABY	Enforcer x Boulder	3072	86	539	67	0.42	73	0.46	7	2	6	108	106	2.93
SNOWBIZ LIVEWIRE	McCutchin x Snowman	3072	91	1736	55	-0.09	52	-0.04	14	10	13	106	95	2.45
BLONDIN INTEGRAL GP84	Sympatico x Shottle	3068	90	-106	63	0.62	11	0.13	10	12	13	106	108	2.57
SWISSBEC BREKEM VG86	Bookem x Man-O-Man	3062	97	677	48	0.21	59	0.30	6	7	8	109	106	2.83
GREGORI ONE DIRECTION VG85	Epic x Garrett	3057	93	1570	51	-0.07	46	-0.05	9	9	9	109	106	2.97

Holstein USA	Sire x M.G. Sire	GTPI	Rel %	Milk (lbs)	Fat (lbs)	Fat %	Prtn (lbs)	Prtn %	F & L	Mammary	Type	P.L.	D.P.R.	S.C.S.
EDG RUBICON ET	Mogul x Robust	2828	94	1280	120	0.26	55	0.06	2.61	1.72	2.16	4.8	0.8	2.81
UECKER SUPERSIRE JOSUPER ET	Supersire x Beacon	2802	96	3309	110	-0.03	93	-0.04	-0.09	1.07	1.48	6.1	-0.2	2.81
MR MOGUL DELTA 1427 ET	Mogul x Robust	2798	95	1716	94	0.10	56	0.01	1.68	2.75	2.26	6.1	2.4	2.89
MR MCCUT DANTE 1407 ET	McCutchin x Robust	2765	96	2446	90	0.00	81	0.02	0.84	1.70	2.21	4.0	1.3	2.85
WEIGELINE JACEY TABASCO ET	Jacey x Bookem	2731	95	2240	61	-0.08	82	0.05	0.97	1.22	1.79	5.3	3.9	2.67
WOODCREST MOGUL YODER ET	Mogul x Planet	2730	97	171	105	0.22	51	0.05	1.69	2.06	1.86	5.2	1.8	3.04
S-S-I MONTROSS JEDI ET	Montross x Supersire	2729	93	2509	55	-0.13	82	0.02	0.9	1.73	1.72	6.5	3.7	2.78
MR MOGUL DENVER 1426 ET	Mogul x Robust	2725	97	2316	109	0.08	73	0.01	0.79	2.8	2.02	2.9	0.3	3.02
DE-SU ALTALEAF ET	Altaoak x Trigger	2712	97	2482	94	0.01	69	-0.02	1.19	1.51	2.3	4.5	0.9	2.75
MR PRE DIRECTOR 57512 ET	Predestine x Robust	2701	89	604	59	0.13	43	0.09	1.22	2.04	1.64	7.7	5.2	2.77
MR MOGUL DION 15008 ET	Mogul x Robust	2675	97	954	76	0.14	55	0.09	0.78	2.04	1.27	5.4	2.7	2.65
WESTENRADE ALTASPRING	Mogul x Gerard	2663	98	1134	81	0.14	51	0.06	1.49	3.21	2.38	4.4	1.5	3.00
LARCREST COLLUDE ET	Ballisto x Robust	2652	93	863	65	0.12	49	0.08	1.28	1.94	1.83	6.9	2.4	2.60
LARCREST COMMANDER ET	Mogul x Observer	2640	97	1473	91	0.13	62	0.06	1.85	2.42	2.82	2.4	-0.4	2.86
BACON-HILL PETY MODESTY ET	Pety x Supersire	2638	91	952	66	0.11	41	0.04	2.11	2.52	1.76	6.7	3.3	3.07
COOKIECUTTER HANG-TIME ET	Montross x Supersonic	2631	92	1211	89	0.16	54	0.06	0.07	2.68	2.12	3.1	2.8	2.94
MR OAK DELCO 57279 ET	Altaoak x Robust	2628	97	2533	80	-0.05	68	-0.03	0.28	1.59	1.30	5.0	1.8	2.85
COOKIECUTTER HARPER ET	Ballisto x Epic	2625	92	512	80	0.15	56	0.22	1.65	1.52	1.93	5.1	1.5	2.71
BOMAZ ALTASABRE ET	Jacey x Robust	2624	96	1044	35	-0.01	54	-0.01	1.67	1.34	1.96	7.7	4.2	2.48
MR COIN DRACO 15006 ET	Cashcoin x Robust	2617	90	1940	56	0.01	62	0.01	0.87	2.57	1.40	7.0	2.6	2.73

Holstein UK	Sire x M.G. Sire	PLI	Rel %	Milk (kg)	Fat (kg)	Fat %	Protn (kg)	Protn %	F & L	Mammary	Type	Lifespan	Fertility	S.C.C.
BALLYCAIRN LEVI HAMPTON	Levi x Dover	578	80	369	16.6	0.03	18.1	0.07	0.24	0.54	0.21	0.5	6.1	-15
PREHEN OMEN ET EX94	O-Man x Goldwyn	535	94	80	18.4	0.19	17.7	0.19	0.54	0.60	0.98	0.6	7.5	-10
BELLEMONT LOVEHEART ET	Lexor x Bookem	528	75	559	22.5	0.01	19.3	0.01	0.49	1.10	1.99	0.4	8.5	-18
BALLYCAIRN OMAN PELLO EX95	O-Man x Goldwyn	500	98	736	23.6	-0.06	21.7	-0.03	0.49	-0.27	0.20	0.3	6.4	-19
BROOMHOUSE MARVEL	Mogul x O-Man	494	80	550	19.1	-0.03	18.4	0.01	0.70	1.21	1.15	0.3	6.6	-20
RELOUGH DANUMERO ET	Numero Uno x Legend	490	89	231	26.6	0.22	9.2	0.02	2.07	1.82	2.63	0.4	10.1	-29
BOGHILL BARRACUDA ET	Altabarney x O-Man	476	76	99	9.5	0.07	9.3	0.08	-0.30	-0.67	-0.47	0.5	8.7	-21
WILTOR DRUMMER ET EX90	Supersire x Explode	472	78	724	28.7	0.00	21.1	-0.03	1.24	1.84	2.23	0.1	0.7	-18
SAHARA JACOB ET VG86	Supersire x Jeeves	457	83	495	36.4	0.20	16.1	0.00	0.66	0.62	0.68	0.3	4.9	-11
PREHEN FRANKEL	Massey x O-Man	452	81	399	18.4	0.03	20.7	0.09	-0.69	0.02	-0.32	0.3	3.8	-13
BALLYCAIRN OAK GALACTICA ET	Altaoak x Shamrock	445	78	950	20.1	0.20	24.2	-0.07	0.45	1.16	1.26	0.3	2.8	-14
ABS THEORY ET	Stol Joc x Ramos	440	94	105	2.5	0.02	11.2	0.10	1.24	0.76	1.61	0.3	8.6	-13
BALLYCAIRN SUPERSIRE CORINTHI-	Supersire x Freddie	437	87	432	14.6	-0.03	11.5	-0.03	1.47	1.75	2.60	0.4	7.4	-19
RIVERDANE ARTIST RED ET	Snow x Roses Reflection	435	87	686	20.5	-0.08	24.2	0.02	-0.30	1.32	0.81	0.2	4.3	-17
CURTISMILL WINTERY ET	Gerard x Goldwyn	435	86	682	26.2	-0.01	20.5	-0.02	0.50	0.57	0.75	0.2	3.0	-13
WILTOR DREAMER ET	Supersire x Explode	430	78	530	21.5	0.01	11.4	-0.07	1.14	2.16	2.12	0.3	6.6	-29
LONGMOOR CASHMAN ET	Cashcoin x Altaiota	427	78	747	16.9	-0.15	24.1	0.00	0.79	1.15	0.57	0.3	4.8	-1
MOET BELLISIMO	Garrett x Mascol	422	85	201	16.7	0.11	14.1	0.09	0.81	0.28	0.70	0.2	4.4	-25
BILSROW ROULETTE ET	Garrett x Shottle	419	87	134	16.4	0.14	7.0	0.03	-0.05	0.21	0.06	0.4	8.9	-22
COGENT TWIST ET EX96	Shottle x Major Tex	418	99	326	30.2	0.21	17.5	0.08	1.46	0.20	1.41	0.4	0.2	-7

Italy (ANAFI)	Sire x M.G. Sire	PFT	Rel %	Milk (kg)	Fat (kg)	Fat %	Protn (kg)	Protn %	F & L	Mammary	Type	Longevity	Fertility	S.C.S.
ALL. NURE D. POISON	Doorman x Planet	3330	93	890	54	0.19	57	0.25	2.68	2.02	2.23	111	105	110
GO-FARM INSEME ZURICH ET	Fernand x O-Man	3271	90	1812	93	0.23	70	0.09	1.38	1.50	1.16	112	101	105
HOLBRA INSEME RODANAS	Doorman x Snowman	3259	95	434	81	0.61	41	0.26	4.04	2.69	2.45	108	102	112
MARS INSEME CHAPEAU	Mogul x Time	3246	98	399	61	0.43	37	0.22	5.56	2.45	2.46	115	106	106
WEH INSEME JOFFRE	Supersire x Bowser	3197	92	1559	75	0.15	68	0.15	0.42	0.79	0.22	117	106	106
AMIGHETTI MOGUL AIMAN ET	Mogul x Gerard	3142	91	1306	77	0.23	54	0.08	3.63	2.21	2.2	112	101	103
SOUTHLAND INSEME DEL DONGO	Oak x Man-O-Man	3122	92	1606	109	0.41	70	0.15	1.43	1.56	0.93	102	102	103
GANDY UNO ATROS ET	Numero Uno x Jardin	3122	88	1504	104	0.44	61	0.11	1.21	2.36	1.93	109	101	100
HOLBRA SANSIRE ET	Supersire x Snowman	3045	96	2279	91	0.05	71	-0.04	2.63	0.96	1.24	110	96	105
AMIGHETTI AMBASSADOR	Fernand x Shottle	3027	95	369	89	0.70	40	0.27	2.23	2.52	2.05	108	108	103
RZG DOORMAN JEDI ET	Doorman x Observer	3012	86	710	25	-0.02	42	0.16	1.20	3.43	2.65	109	108	110
CERETTESE URIBE ET	Fernand x Toystory	2966	90	1462	45	-0.09	55	0.07	3.67	2.84	2.23	107	98	105
ALBY EPIC ZOOM	Epic x Niagra	2963	98	1666	66	0.04	56	0.00	3.12	2.09	2.22	111	102	100
GO-FARM CLEAREST	Scolari x Al	2936	93	1088	48	0.07	52	0.14	1.04	1.63	1.34	111	109	107
GALACTICO ET	Galaxy x Bookem	2916	96	603	37	0.14	30	0.09	4.17	2.32	1.87	113	106	114
WEH HART KELLOG	Meridian x Snowman	2911	91	1945	70	-0.01	61	-0.04	2.9	2.49	2.35	104	95	105
ALL VEN ATILLA SPOON	Atilla x Planet	2906	93	1167	59	0.12	56	0.15	2.84	2.15	1.95	107	102	101
SHOWBIZ M CHILTON	McCutchex x Snowman	2689	92	909	66	0.29	43	0.11	3.47	2.48	2.83	109	102	102
CAL DEI VOLTI SCIAQUA	Cashmoney x Twist	2867	94	605	64	0.37	38	0.17	3.54	1.04	1.11	116	108	106
ALL. NURE SECRETARIAT	Numero Uno x Baxter	2857	98	557	24	0.04	31	0.11	3.76	3.61	2.67	115	105	103

Germany	Sire x M.G. Sire	RZG	Rel %	Milk (kg)	Fat (kg)	Fat %	Protn (kg)	Protn %	F & L	Mammary	Conf.	Longevity	Fertility	Udder Health
MURANO	Mogul x Man-O-Man	150	95	2157	100	0.13	75	0.02	109	108	116	104	92	116
MOCON	Morgan x Snowman	148	96	1627	58	-0.06	57	0.02	104	110	104	126	111	119
HARVEY	Hunter x Super	147	90	2019	67	-0.11	66	-0.02	114	102	112	111	108	116
MATTIS	Massey x Man-O-Man	146	98	1266	75	0.23	62	0.18	97	111	104	112	115	105
MORGAN	Mogul x Man-O-Man	146	96	1218	93	0.42	50	0.09	107	109	109	120	108	112
MATCHBALL	Mogul x Man-O-Man	146	91	1631	71	0.06	56	0.01	112	115	114	116	99	116
SHOTELLO	Shotglass x Bookem	145	95	1305	48	-0.03	52	0.08	110	113	118	118	120	112
BALDUR	Balisto x Epic	145	83	1262	53	0.03	57	0.14	106	122	119	118	105	109
FORCE	G-Force x Planet	144	99	1857	22	-0.46	60	-0.02	100	117	117	130	92	122
MAGOO	Mogul x Super	144	93	1139	63	0.17	37	-0.02	130	129	131	127	102	107
GARVIN	G-Force x Super	144	97	1079	55	0.12	54	0.17	113	109	111	115	106	116
BOSS	Bookem x Man-O-Man	142	99	776	47	0.16	49	0.22	122	104	115	114	119	110
BIG POINT	Bookem x Man-O-Man	142	99	1590	15	-0.44	55	0.02	113	120	118	125	98	113
SCOTTY	Shotglass x Fidji	141	91	1639	94	0.26	58	0.03	106	97	103	109	98	110
MASATO	Mogul x Man-O-Man	141	98	1163	74	0.27	48	0.09	122	124	124	98	108	112
MR MAX	Mogul x Super	140	98	1809	33	-0.35	39	-0.20	139	128	135	123	95	115
BACALAO	Big Point x Beacon	140	93	894	5	-0.30	48	0.17	128	116	121	126	100	108
GO NOW RF	G-Force x Ralstorm	139	99	1370	77	0.21	70	0.23	94	98	101	108	78	110
MOLL	Mogul x Snowman	139	97	1520	32	-0.26	45	-0.05	114	130	126	112	107	118
BRAVOS	Boss x Freddie	139	84	777	52	0.21	47	0.20	111	118	102	109	107	113

Nordic Countries	Sire x M.G. Sire	NTM	# Dtrs	Milk	Fat	Fat %	Protein	Protn %	F & L	Mammary	Frame	Longevity	Fertility	Udder Health
VH COSMO	VH Clark x Router	30	1,606	15	120	103	120	103	98	109	100	114	115	98
VH SCIPIO	Sterling x Bowser	27	490	114	114	99	113	96	89	129	115	107	107	104
VH CLARK	D Cole x T Lambada	26	7,755	115	97	85	114	96	116	105	83	126	132	100
VH BOOTH	Beacon x Planet	25	5,030	123	124	99	129	103	114	94	104	112	99	98
VH ESSET	VH Edvin x D Jul	24	480	98	121	120	112	123	111	99	96	99	105	114
VH JUSTUS	D Jul x M. Rakuuna	24	231	98	120	119	117	129	84	110	98	109	90	105
VH GUSTAV	G-Force x D Ole	23	1,270	98	107	108	104	109	119	104	115	110	119	111
VH EASY	D Etoto x Slattarod	22	202	100	105	104	110	115	104	95	93	111	113	106
VH OAKLEY	Office x VH Clark	22	172	107	113	104	113	108	104	99	110	120	112	99
VH ODENSE	VH Opell x D Banker	22	3,496	104	110	105	111	110	89	120	104	110	115	105
VH PROUD	Predestine x D Rom	22	767	91	113	121	96	111	122	99	81	110	108	113
VH SERGIO	VH Service x M. Rakuuna	22	1,474	114	130	112	112	94	111	95	92	110	108	102
VH LEMEK	VH Lund x VH Grafit	21	687	95	105	109	110	125	109	92	113	110	119	112
VH MERIT	VH Meno x D Onside	21	3,046	108	107	107	110	110	86	107	103	126	100	116
VH SPARKY	VH Suarez x VH Salomon	21	1,071	95	113	116	106	118	107	120	105	106	110	108
VH BELLO	VH Bostrup x D Orange	20	144	95	116	119	106	118	97	100	99	102	102	111
VH CHARLES	VH Cadiz x Ranneslov	20	128	127	126	98	128	96	98	100	110	100	87	101
VH COST	D Cole x V Ergsgard	20	188	114	106	92	113	96	100	106	100	117	108	108
VH EDGE	VH Eggert x D Onsild	20	170	121	112	92	116	90	107	91	99	122	101	108
VH Jaybee	D Jul x M. Rakuuna	20	242	120	105	87	122	99	92	103	83	112	106	97

France	Sire x M.G. Sire	ISU	Rel %	Milk (kg)	Fat (kg)	Fat Rate	Protn (kg)	Protn Rate	F & L	Mammary	Body	Longevity	Fertility	U. Health
HURION ISY	Sudan x Planet	184	95	824	71	4.2	55	3.3	1.9	0.1	1.6	1.6	-0.3	1.2
ILVOLO	Mogul x Man-O-Man	182	95	425	56	4.5	34	2.2	1.8	1.8	2.5	1.5	0.9	1.3
HOSPADOR	Epic x Bronco	181	88	757	19	-1.0	21	-0.1	1.0	1.5	1.8	1.6	3.5	1.6
IZNOGOD	Creol x Tennyson	179	95	556	33	0.2	28	1.0	0.5	2.0	2.1	1.4	2.0	0.9
ISSOUDUN	Gingo x Cashmere	177	93	771	49	2.0	35	1.4	0.5	2.3	1.9	1.3	1.4	1.3
ELNINIO	Usonet Fin x Shottle	176	95	1089	26	-2.0	30	-0.3	0.4	1.6	2.3	1.4	1.8	1.6
HABORO	Enziba x Via Thelo	172	95	532	45	2.7	33	1.8	1.5	1.8	2.4	1.1	1.0	1.0
GARONET	Citroen x Usonet Fin	171	95	708	55	3.3	43	2.5	0.6	1.0	1.2	2.3	-0.3	2.0
HEUSAY	Solstice x Via Thelo	170	90	268	31	2.5	24	1.2	0.5	1.9	1.8	2.1	1.1	1.7
HYPER CAP J	Hill x Man-O-Man	170	83	1143	31	-2.1	35	-0.1	0.2	1.8	1.1	1.5	1.3	1.6
HASHLEY	Cabaret x Planet	170	95	501	8	-1.1	35	2.3	0.5	0.9	0.9	2.2	1.3	1.8
INUK	Gingo x Niagra	169	95	815	37	0.3	35	1.0	0.4	2.7	2.5	0.0	1.0	-0.1
MR DARWIN	Headliner x Domain	169	95	431	-2	-1.8	9	-0.4	0.9	2.1	1.9	1.6	3.3	1.4
ISMORE	Guillon x Iota	169	93	912	27	-1.1	38	0.9	0.2	1.1	1.4	1.0	0.8	0.9
HERICOURT	Enziba x Via Thelo	169	95	1196	37	-1.2	50	1.5	0.0	1.7	1.2	1.1	0.3	1.7
HURECOURT	Supersonic x Otter	169	89	780	53	2.7	27	0.9	0.5	0.2	0.9	2.0	1.4	2.3
HAMMIG ISY	Santana x Great	168	95	680	4	-2.6	18	-0.4	0.3	2.3	2.4	2.0	1.0	2.1
HENRIC	Epic x Planet	167	88	932	27	-1.7	38	1.3	0.5	1.8	2.1	0.4	0.8	0.6
IPSOS	Gasy x Niagra	167	87	395	36	2.9	31	2.7	1.0	0.8	1.0	1.7	1.2	1.6
ILDEN	Golesnil x Gerard	167	86	1392	38	-1.5	45	0.2	1.2	0.2	0.5	1.8	0.4	1.8

Holland	Sire x M.G. Sire	NVI	Rel %	Milk (kg)	Fat (kg)	Fat %	Protn (kg)	Protn (%)	F & L	Mammary	Type	Longevity	Fertility	Udder Health
APINA MALCOLM	Stellando x Ramos	301	90	1768	64	-0.11	63	0.01	113	99	108	388	100	105
DE-SU 521 BOOKEM	Planet x Ramos	298	95	1646	41	-0.28	51	-0.06	105	111	109	851	102	107
VERO STARTREK	Snowfever x Planet	293	83	1405	56	-0.04	58	0.09	108	112	114	676	100	106
RED ROCKS MASON	Massey x Snowman	293	84	1493	40	-0.23	52	0.00	104	105	105	977	100	108
HET MEER BRAVO	Balisto x Bowser	289	75	852	58	0.23	51	0.22	102	109	107	777	101	110
BARNKAMPER MONROE	Snowfever x Planet	285	84	1569	84	0.17	59	0.04	105	104	106	695	97	100
DELTA BOOKEM DANNO	Bookem x Bolton	285	96	1332	31	-0.25	41	-0.05	115	108	114	612	102	107
AURORA FREEZE	Bowser x O-Man	281	90	1283	43	-0.12	57	0.12	100	107	101	673	106	102
KNS BOSS	Bookem x Man-O-Man	280	90	1362	67	0.09	59	0.11	108	106	108	430	101	104
DELTA G-FORCE	Man-O-Man x Jordan	276	98	1001	61	0.19	52	0.17	108	106	107	544	104	100
WEELDER SOLUTION	Goliath x Laudan	276	88	1594	34	-0.33	46	-0.09	106	110	109	462	102	107
BOUW ROCKY	Shamrock x Goli	276	93	549	35	0.12	26	0.07	104	110	109	1168	102	109
SILVERRIDGE V ELUDE	McCutchen x Snowman	274	77	2259	64	-0.29	51	-0.25	105	114	111	689	98	105
DELTA JAYHAWK	Epic x Ramos	274	86	845	37	0.01	18	-0.12	106	110	111	1017	101	110
DE-SU 11236 BALISTO	Bookem x Watson	272	91	1056	78	0.34	69	0.33	103	111	108	657	96	105
SWISSBEC BREKEM	Bookem x Man-O-Man	267	87	919	50	0.11	45	0.13	104	110	108	649	103	104
VIEW-HOME DAY MISSOURI	Day x Socra	266	74	2463	32	-0.65	53	-0.29	102	115	106	623	99	106
DE-SU DISTINCTION 11130	Shamrock x Man-O-Man	266	78	813	69	0.36	29	0.01	102	110	108	852	102	104
MOLENKAMP BOLT	Bookem x Spencer	266	87	1112	26	-0.22	44	0.05	106	110	109	613	101	109
KOEPON GENERAL	Socra x Goldwyn	266	79	864	39	0.02	26	-0.04	106	105	106	762	103	107

New Zealand	Sire x M.G. Sire	BW	Rel %	Milk (l)	Fat BV	Fat %	Protn BV	Protn %	Legs	Udder	Body	Survival	Fertility %	S.C.C.
HAZEL DAUNTLESS FREEDOM	Dauntless x Raul	182	98	1174	47.4	4.60	42.3	3.75	0.06	0.57	0.28	86	-6.8	-0.01
FAIRMONT MINT-EDITION	Freedom x Mint-Edition	171	99	922	34.7	4.58	34.8	3.79	0.05	0.72	0.70	-2	2.1	0.13
LORNACE HDF DRYDAN-ET-OC	Freedom x Mint-Edition	147	42	1019	35.2	4.51	38.9	3.79	0.07	0.60	0.41	86	-3.8	0.09
LORNACE FREE DELSANTO-ET	Freedom x Mint-Edition	147	42	1020	35.2	4.51	38.9	3.79	0.07	0.60	0.41	86	-3.8	0.09
LORNACE FREE DERINGER-ET	Freedom x Mint-Edition	147	42	1017	35.2	4.51	38.9	3.79	0.07	0.60	0.41	87	-3.8	0.09