

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE August 2023

SIL GE# 40701

Sires with progeny born in

2020-2022

Threshold to be in top X%	NZTW	NZGE Terminal Sire Sub-indexes			NZGE Terminal Sire - estimated Breeding Values (gBV)										
		TSS	TSG	TSM	SUR	WWT	CWT	LW8 ¹	FATY	LEANY ¹	SHLY	LNLV	HQLY	CWY	EMAc ¹
5%	+2843	+335	+1631	+1066	+0.040	+6.91	+3.78	+11.94	-1.281	+1.010	+0.458	+0.119	+0.453	+2.469	+2.061
10%	+2576	+282	+1471	+953	+0.034	+6.23	+3.41	+10.76	-1.109	+0.873	+0.395	+0.101	+0.388	+2.232	+1.750
20%	+2254	+217	+1277	+816	+0.026	+5.40	+2.96	+9.34	-0.900	+0.708	+0.317	+0.078	+0.310	+1.945	+1.374
30%	+2021	+170	+1138	+717	+0.020	+4.80	+2.63	+8.31	-0.749	+0.588	+0.262	+0.062	+0.253	+1.738	+1.102
50%	+1636	+93	+907	+553	+0.011	+3.81	+2.09	+6.62	-0.500	+0.391	+0.170	+0.035	+0.160	+1.396	+0.654
70%	+1252	+16	+676	+390	+0.002	+2.82	+1.55	+4.92	-0.252	+0.194	+0.078	+0.009	+0.066	+1.053	+0.205
80%	+1019	-30	+536	+291	-0.004	+2.22	+1.23	+3.89	-0.101	+0.075	+0.022	-0.008	+0.010	+0.846	-0.066
90%	+697	-95	+342	+154	-0.011	+1.39	+0.78	+2.47	+0.108	-0.091	-0.055	-0.030	-0.068	+0.559	-0.442
95%	+430	-148	+182	+40	-0.018	+0.70	+0.40	+1.30	+0.280	-0.227	-0.119	-0.049	-0.133	+0.322	-0.753
Traits in index or units	Lamb Survival, Lamb Growth, Meat Yield	Lamb Survival	Lamb Growth	Meat Yield	x100 =%	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	kg lean	sq. cm
Number of connected flocks	99	139	190	119	139	190	190	190	119	119	119	119	119	119	119
Number of sires	1822	2169	2649	2063	2169	2649	2649	2649	2063	2063	2063	2063	2063	2063	2063

¹ These BVs not used in standard SIL indexes

For an explanation of how to use this table, see the Web Note document on the NZGE web page on the SIL website (www.sil.co.nz)
 Definitions of SIL BVs & indexes are given in documents on the SIL website



WARNING!

It is **NOT VALID** to use values in this table for rating animals on BVs or indexes generated from evaluations of other flock groups

This table should **ONLY** be used with BVs and indexes from **THIS NZGE** evaluation, and not for NZGE evaluations on other dates (see date & SIL GE# at top of page).



NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE August 2023

SIL GE # 40701

Sires with progeny born in **2020-2022**

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3411	+3574	+4033	+3727	+5566	+3403	+927	+1256	+2651	+332	+1990	+1167	+248	+951	+2814	+109	+1281
10%	+3111	+3281	+3678	+3372	+5127	+3111	+801	+1092	+2403	+147	+1784	+994	+212	+758	+2487	+86	+1080
20%	+2748	+2926	+3247	+2943	+4594	+2757	+649	+893	+2102	-77	+1534	+784	+168	+524	+2090	+58	+837
30%	+2487	+2670	+2937	+2633	+4210	+2501	+539	+750	+1886	-238	+1354	+633	+137	+355	+1804	+37	+661
40%	+2263	+2451	+2671	+2368	+3882	+2283	+445	+627	+1700	-376	+1200	+503	+110	+211	+1560	+20	+511
50%	+2054	+2247	+2423	+2120	+3575	+2079	+357	+513	+1527	-505	+1056	+382	+85	+77	+1332	+4	+371
60%	+1845	+2042	+2176	+1872	+3268	+1875	+270	+398	+1354	-634	+912	+261	+60	-58	+1103	-12	+230
70%	+1622	+1823	+1910	+1608	+2940	+1657	+176	+275	+1169	-772	+759	+132	+33	-202	+859	-30	+80
80%	+1360	+1567	+1600	+1298	+2556	+1402	+66	+132	+953	-933	+579	-19	+1	-371	+573	-50	-95
90%	+997	+1212	+1169	+868	+2023	+1048	-86	-67	+652	-1157	+329	-229	-42	-605	+176	-78	-339
95%	+698	+919	+814	+513	+1583	+756	-212	-231	+404	-1342	+123	-403	-78	-798	-151	-101	-540
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size	Reproduction, Survival, Lamb Growth, Adult size, Wool	Reproduction, Survival, Lamb Growth, Adult size, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size, Dag score	Reproduction *Capped*	Lamb Survival	Lamb Growth	Adult size	Lamb Growth + Adult size	Meat Yield	Wool	Internal parasite resistance - WormFEC	Facial Eczema	Dag score	Body condition score
Number of connected flocks	144	102	99	61	26	67	218	240	264	168	158	140	119	66	27	76	73
Number of sires	4009	3069	3173	1929	973	2531	4775	5053	5201	4288	4215	3648	3246	1964	1001	2682	2401

For an explanation of how to use this table, see the Web Note document on the NZGE web page on the SIL website (www.sil.co.nz)
 Definitions of SIL BVs & indexes are given in documents on the SIL website



WARNING!

It is NOT VALID to use values in this table for rating animals on BVs or indexes generated from evaluations of other flock groups

This table should ONLY be used with BVs and indexes from THIS NZGE evaluation, and not for NZGE evaluations on other dates (see date & SIL GE# at top of page).



NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE August 2023

SIL GE # 40701

Sires with progeny born in

2020-2022

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3574	+4140	+3889	+5677	+4083	+3533	+4291	+5901	+4042	+6093
10%	+3281	+3793	+3535	+5251	+3748	+3250	+3900	+5456	+3705	+5610
20%	+2926	+3372	+3107	+4734	+3342	+2908	+3428	+4916	+3297	+5027
30%	+2670	+3069	+2798	+4361	+3050	+2660	+3087	+4528	+3003	+4606
40%	+2451	+2809	+2534	+4043	+2800	+2449	+2796	+4195	+2751	+4246
50%	+2247	+2567	+2287	+3745	+2566	+2252	+2523	+3885	+2516	+3910
60%	+2042	+2325	+2040	+3447	+2332	+2054	+2251	+3574	+2281	+3573
70%	+1823	+2065	+1776	+3129	+2082	+1843	+1960	+3242	+2029	+3214
80%	+1567	+1762	+1467	+2756	+1789	+1596	+1619	+2853	+1735	+2792
90%	+1212	+1341	+1039	+2240	+1383	+1253	+1147	+2314	+1327	+2209
95%	+919	+993	+685	+1813	+1048	+970	+756	+1869	+990	+1726
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size, Wool	Reproduction, Survival, Lamb Growth, Adult size, Wool, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size, Wool, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size, Wool, Dag score	Reproduction, Survival, Lamb Growth, Adult size, Wool, Body Condition	Reproduction, Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Meat, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size, Wool, Meat, Dag	Reproduction, Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	102	79	49	24	50	55	39	23	46	23
Number of sires	3069	2639	1600	936	1969	2178	1422	920	2011	920

For an explanation of how to use this table, see the Web Note document on the NZGE web page on the SIL website (www.sil.co.nz)
 Definitions of SIL BVs & indexes are given in documents on the SIL website



Warning

It is **NOT VALID** to use values in this table for rating animals on BVs or indexes generated from evaluations of other flock groups
 This table should **ONLY** be used with BVs and indexes from **THIS NZGE** evaluation, and not for NZGE evaluations on other dates (see date & SIL GE# at top of page).



NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE August 2023

SIL GE# 40701

Sires with progeny born in

2020-2022

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LW8 ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹	FW12
5%	+0.38	+0.054	+0.038	+5.82	+3.07	+9.80	+3.18	-2.10	-0.914	+0.759	+0.359	+0.121	+0.364	+1.762	+1.737	+0.691
10%	+0.33	+0.047	+0.032	+5.23	+2.77	+8.85	+2.81	-0.93	-0.737	+0.619	+0.293	+0.101	+0.299	+1.507	+1.404	+0.590
20%	+0.26	+0.039	+0.024	+4.51	+2.41	+7.70	+2.36	+0.48	-0.522	+0.449	+0.214	+0.076	+0.221	+1.199	+1.001	+0.467
30%	+0.22	+0.033	+0.019	+3.99	+2.16	+6.88	+2.04	+1.51	-0.367	+0.326	+0.157	+0.059	+0.164	+0.977	+0.711	+0.379
50%	+0.14	+0.023	+0.010	+3.13	+1.73	+5.51	+1.50	+3.20	-0.112	+0.124	+0.062	+0.030	+0.071	+0.610	+0.230	+0.233
70%	+0.06	+0.013	+0.001	+2.27	+1.30	+4.14	+0.96	+4.89	+0.144	-0.078	-0.032	+0.001	-0.023	+0.243	-0.250	+0.087
80%	+0.02	+0.007	-0.005	+1.76	+1.05	+3.32	+0.64	+5.91	+0.299	-0.200	-0.090	-0.017	-0.080	+0.021	-0.541	-0.001
90%	-0.05	-0.002	-0.012	+1.04	+0.69	+2.17	+0.19	+7.32	+0.514	-0.370	-0.169	-0.041	-0.158	-0.287	-0.944	-0.124
95%	-0.10	-0.009	-0.019	+0.44	+0.39	+1.23	-0.18	+8.50	+0.691	-0.510	-0.234	-0.062	-0.223	-0.541	-1.276	-0.225
Units	x100 =%	x100 =%	x100 =%	kg	kg	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	kg lean	sq. cm	kg
Number of connected flocks	218	240	240	264	264	264	264	168	140	140	140	140	140	140	140	119
Number of sires	4775	5053	5053	5201	5201	5201	5201	4288	3648	3648	3648	3648	3648	3648	3648	3246

¹These BVs not used in standard SIL indexes

For an explanation of how to use this table, see the Web Note document on the NZGE web page on the SIL website (www.sil.co.nz)
 Definitions of SIL BVs & indexes are given in documents on the SIL website



WARNING!

It is **NOT VALID** to use values in this table for rating animals on BVs or indexes generated from evaluations of other flock groups

This table should **ONLY** be used with BVs and indexes from **THIS** NZGE evaluation, and not for NZGE evaluations on other dates (see date & SIL GE# at top of page).



NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE August 2023

SIL GE# 40701

Sires with progeny born in

2020-2022

Threshold to be in top X%	NZGE - estimated Breeding Values (gBV) for Health Traits - DP & TS flocks combined								
	FEC1	FEC2	AFEC	DRAGE	RGAIN	LDAG	ADAG	GGT21	BCS
5%	-48.9	-51.1	-67.4	+36.84	+1.91	-0.81	-1.03	-1.26	+0.39
10%	-38.6	-39.8	-55.0	+30.87	+1.57	-0.64	-0.81	-1.12	+0.33
20%	-26.2	-26.2	-40.0	+23.63	+1.16	-0.43	-0.56	-0.94	+0.25
30%	-17.2	-16.4	-29.2	+18.42	+0.86	-0.28	-0.37	-0.81	+0.20
50%	-2.3	-0.2	-11.3	+9.80	+0.36	-0.04	-0.07	-0.60	+0.11
70%	+12.5	+16.0	+6.6	+1.18	-0.13	+0.21	+0.24	-0.39	+0.02
80%	+21.5	+25.8	+17.4	-4.04	-0.43	+0.36	+0.42	-0.26	-0.03
90%	+34.0	+39.4	+32.4	-11.27	-0.85	+0.56	+0.68	-0.08	-0.10
95%	+44.3	+50.6	+44.8	-17.25	-1.19	+0.73	+0.89	+0.07	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	67	67	67	5	5	86	86	27	74
Number of sires	1978	1978	1978	220	220	3027	3027	1001	2416

Due to few TS flocks having data on health traits, these figures are for DP and TS flocks combined.

For an explanation of how to use this table, see the Web Note document on the NZGE web page on the SIL website (www.sil.co.nz)
 Definitions of SIL BVs & indexes are given in documents on the SIL website



WARNING!	It is NOT VALID to use values in this table for rating animals on BVs or indexes generated from evaluations of other flock groups
	This table should ONLY be used with BVs and indexes from THIS NZGE evaluation, and not for NZGE evaluations on other dates (see date & SIL GE# at top of page).



