

## NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

**NZGE November 2022**

SIL GE# 39770

Sires with progeny born in

**2019-2021**

Threshold to be in top X%	NZW	NZGE Terminal Sire Sub-indexes			NZGE Terminal Sire - estimated Breeding Values (gBV)										
		TSS	TSG	TSM	SUR	WWT	CWT	LW8 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>
5%	+2653	+328	+1588	+975	+0.039	+6.79	+3.67	+11.66	-1.209	+0.877	+0.396	+0.123	+0.407	+2.282	+2.075
10%	+2413	+275	+1436	+873	+0.033	+6.12	+3.31	+10.54	-1.050	+0.757	+0.339	+0.105	+0.347	+2.067	+1.773
20%	<b>+2122</b>	<b>+210</b>	<b>+1251</b>	<b>+750</b>	<b>+0.025</b>	<b>+5.32</b>	<b>+2.89</b>	<b>+9.17</b>	<b>-0.858</b>	<b>+0.611</b>	<b>+0.271</b>	<b>+0.082</b>	<b>+0.274</b>	<b>+1.806</b>	<b>+1.407</b>
30%	+1912	+164	+1118	+661	+0.020	+4.74	+2.58	+8.19	-0.719	+0.505	+0.221	+0.066	+0.222	+1.618	+1.144
50%	<b>+1566</b>	<b>+87</b>	<b>+898</b>	<b>+514</b>	<b>+0.010</b>	<b>+3.79</b>	<b>+2.07</b>	<b>+6.56</b>	<b>-0.490</b>	<b>+0.331</b>	<b>+0.140</b>	<b>+0.040</b>	<b>+0.136</b>	<b>+1.307</b>	<b>+0.708</b>
70%	+1219	+10	+678	+367	+0.001	+2.83	+1.56	+4.93	-0.261	+0.157	+0.058	+0.013	+0.049	+0.996	+0.272
80%	+1009	-37	+545	+278	-0.004	+2.26	+1.25	+3.95	-0.122	+0.051	+0.009	-0.003	-0.003	+0.807	+0.009
90%	+718	-101	+360	+155	-0.012	+1.45	+0.82	+2.58	+0.070	-0.095	-0.060	-0.026	-0.076	+0.547	-0.357
95%	+478	-154	+207	+53	-0.018	+0.79	+0.46	+1.46	+0.228	-0.216	-0.116	-0.044	-0.136	+0.331	-0.659
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	114	144	180	128	144	180	180	180	128	128	128	128	128	128	128
Number of sires	1923	2122	2453	2113	2122	2453	2453	2453	2113	2113	2113	2113	2113	2113	2113

<sup>1</sup>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](http://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 November 2022

SIL GE # 39770

Sires with progeny born in 2019-2021

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%	+3380	+3560	+3956	+3686	+5572	+3411	+920	+1283	+2632	+298	+1980	+1100	+236	+902	+2892	+108	+1228
10%	+3069	+3245	+3594	+3320	+5110	+3095	+792	+1108	+2388	+119	+1776	+936	+202	+702	+2547	+85	+1032
20%	+2691	+2865	+3156	+2876	+4550	+2712	+637	+897	+2092	-97	+1529	+738	+162	+460	+2129	+57	+796
30%	+2420	+2590	+2840	+2556	+4147	+2436	+525	+744	+1879	-252	+1351	+595	+133	+286	+1827	+37	+625
40%	+2187	+2356	+2570	+2282	+3802	+2200	+430	+614	+1696	-385	+1199	+473	+108	+137	+1570	+20	+479
50%	+1970	+2136	+2317	+2027	+3480	+1979	+341	+492	+1526	-510	+1057	+359	+84	-2	+1329	+4	+343
60%	+1753	+1917	+2065	+1771	+3157	+1759	+251	+370	+1355	-634	+915	+244	+61	-141	+1088	-12	+207
70%	+1521	+1683	+1795	+1498	+2812	+1523	+156	+240	+1173	-767	+763	+122	+36	-290	+831	-29	+61
80%	+1249	+1408	+1479	+1178	+2409	+1246	+44	+87	+960	-923	+585	-21	+7	-464	+530	-49	-110
90%	+872	+1027	+1040	+734	+1849	+863	-111	-124	+664	-1139	+338	-219	-34	-706	+112	-77	-347
95%	+560	+713	+678	+367	+1387	+547	-239	-299	+419	-1317	+134	-383	-67	-906	-234	-100	-542
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, Deg score	Reproduction "Capped"	Lamb Survival	Lamb Growth	Adult size	Lamb Growth + Adult size	Meat Yield	Wool	Internal parasite resistance - WormFEC	Facial Eczema	Deg score	Body condition score
Number of connected flocks	161	127	114	60	35	66	236	254	272	178	172	158	149	64	39	71	77
Number of sires	4279	3656	3406	1977	1255	2613	5083	5179	5301	4436	4367	3866	3899	2012	1356	2651	2483

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](http://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 November 2022

SIL GE # 39770

Sires with progeny born in 2019-2021

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%	+3560	+4092	+3887	+5676	+4026	+3570	+4254	+5709	+4083	+5838
10%	+3245	+3727	+3524	+5220	+3673	+3251	+3856	+5270	+3716	+5358
20%	+2865	+3285	+3084	+4669	+3246	+2865	+3374	+4739	+3271	+4777
30%	+2590	+2967	+2767	+4271	+2938	+2587	+3027	+4356	+2951	+4358
40%	+2356	+2695	+2496	+3931	+2674	+2349	+2730	+4028	+2677	+3999
50%	+2136	+2440	+2242	+3614	+2428	+2127	+2452	+3722	+2421	+3665
60%	+1917	+2186	+1989	+3296	+2182	+1904	+2175	+3417	+2165	+3330
70%	+1683	+1914	+1718	+2956	+1919	+1666	+1878	+3089	+1891	+2972
80%	+1408	+1595	+1401	+2558	+1611	+1388	+1530	+2706	+1570	+2553
90%	+1027	+1153	+961	+2007	+1183	+1002	+1048	+2175	+1125	+1971
95%	+713	+788	+597	+1551	+830	+683	+650	+1736	+758	+1491
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	127	94	54	33	60	57	43	24	46	24
Number of sires	3656	2953	1735	1235	2058	2311	1530	1053	2051	1053

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](http://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 November 2022

SIL GE# 39770

Sires with progeny born in

2019-2021

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LW8 <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>	FW12
5%	+0.38	+0.055	+0.040	+5.79	+3.06	+9.74	+3.12	-1.89	-0.886	+0.694	+0.326	+0.118	+0.339	+1.681	+1.665	+0.654
10%	+0.33	+0.048	+0.033	+5.21	+2.76	+8.82	+2.75	-0.76	-0.711	+0.562	+0.265	+0.098	+0.277	+1.441	+1.339	+0.560
20%	+0.26	+0.039	+0.025	+4.50	+2.41	+7.70	+2.30	+0.61	-0.499	+0.403	+0.192	+0.073	+0.202	+1.149	+0.944	+0.447
30%	+0.21	+0.032	+0.019	+3.99	+2.16	+6.89	+1.97	+1.60	-0.346	+0.288	+0.139	+0.055	+0.147	+0.939	+0.660	+0.366
50%	+0.14	+0.022	+0.010	+3.15	+1.74	+5.55	+1.44	+3.23	-0.093	+0.098	+0.052	+0.026	+0.057	+0.592	+0.189	+0.231
70%	+0.06	+0.011	+0.000	+2.31	+1.32	+4.21	+0.90	+4.86	+0.159	-0.092	-0.036	-0.003	-0.033	+0.245	-0.281	+0.097
80%	+0.01	+0.004	-0.006	+1.80	+1.07	+3.40	+0.57	+5.84	+0.312	-0.207	-0.088	-0.021	-0.087	+0.034	-0.566	+0.015
90%	-0.06	-0.005	-0.014	+1.10	+0.71	+2.28	+0.12	+7.21	+0.524	-0.366	-0.162	-0.046	-0.163	-0.257	-0.960	-0.098
95%	-0.11	-0.012	-0.020	+0.52	+0.42	+1.36	-0.25	+8.34	+0.699	-0.498	-0.222	-0.066	-0.225	-0.498	-1.286	-0.191
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	236	254	254	272	272	272	272	178	158	158	158	158	158	158	158	149
Number of sires	5083	5179	5179	5301	5301	5301	5301	4436	3866	3866	3866	3866	3866	3866	3866	3899

<sup>1</sup>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](http://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 November 2022

SIL GE# 39770

Sires with progeny born in

2019-2021

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%	-45.7	-48.6	-65.6	+36.16	+1.99	-0.81	-0.98	-1.30	+0.37
10%	-35.1	-37.1	-52.7	+30.31	+1.66	-0.64	-0.77	-1.14	+0.31
20%	-22.2	-23.1	-37.1	+23.21	+1.26	-0.44	-0.52	-0.96	+0.24
30%	-12.9	-13.1	-25.9	+18.10	+0.97	-0.29	-0.34	-0.82	+0.19
50%	+2.5	+3.5	-7.3	+9.64	+0.48	-0.04	-0.05	-0.60	+0.11
70%	+17.8	+20.1	+11.3	+1.19	+0.00	+0.21	+0.25	-0.37	+0.02
80%	+27.1	+30.1	+22.6	-3.93	-0.29	+0.35	+0.43	-0.24	-0.03
90%	+40.0	+44.1	+38.2	-11.02	-0.69	+0.56	+0.67	-0.05	-0.10
95%	+50.6	+55.5	+51.0	-16.88	-1.02	+0.73	+0.88	+0.10	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	65	65	65	3	3	80	80	39	79
Number of sires	2023	2023	2023	215	215	2927	2927	1356	2515

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](http://www.sil.co.nz))  
 Definitions of SIL BVs & indexes are given in documents on the SIL website



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

