

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE June 2020

SIL GE# 37586

Sires with progeny born in

2017-2019

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 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>	
5%	+2210	+259	+1260	+894	+0.043	+6.62	+3.56	+11.50	-1.166	+0.885	+0.394	+0.139	+0.420	+2.294	+1.984	
10%	+2026	+219	+1147	+803	+0.036	+6.01	+3.23	+10.44	-1.016	+0.766	+0.337	+0.120	+0.359	+2.082	+1.702	
20%	<b>+1804</b>	<b>+171</b>	<b>+1009</b>	<b>+693</b>	<b>+0.028</b>	<b>+5.28</b>	<b>+2.84</b>	<b>+9.16</b>	<b>-0.835</b>	<b>+0.621</b>	<b>+0.268</b>	<b>+0.097</b>	<b>+0.285</b>	<b>+1.824</b>	<b>+1.360</b>	
30%	+1644	+136	+909	+613	+0.022	+4.74	+2.56	+8.24	-0.705	+0.517	+0.219	+0.080	+0.232	+1.638	+1.113	
50%	<b>+1379</b>	<b>+79</b>	<b>+745</b>	<b>+482</b>	<b>+0.013</b>	<b>+3.87</b>	<b>+2.09</b>	<b>+6.71</b>	<b>-0.489</b>	<b>+0.345</b>	<b>+0.136</b>	<b>+0.053</b>	<b>+0.144</b>	<b>+1.331</b>	<b>+0.706</b>	
70%	+1114	+21	+580	+350	+0.004	+2.99	+1.63	+5.18	-0.272	+0.172	+0.054	+0.025	+0.055	+1.024	+0.299	
80%	+953	-13	+481	+271	-0.002	+2.46	+1.34	+4.26	-0.142	+0.068	+0.004	+0.008	0.000	0.000	+0.052	
90%	+731	-61	+343	+160	-0.010	+1.72	+0.95	+2.97	+0.039	-0.076	-0.065	-0.015	-0.072	+0.581	-0.290	
95%	+548	-101	+229	+69	-0.017	+1.11	+0.63	+1.92	+0.189	-0.196	-0.122	-0.034	-0.133	+0.368	-0.572	
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	135	168	114	135	168	168	168	114	114	114	114	114	114	114	
Number of sires	1307	1565	1852	1485	1565	1852	1852	1852	1485	1485	1485	1485	1485	1485	1485	

<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)

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# NZGE Indexes - Dual Purpose - Sire Percentile Bands

**NZGE June 2020**

**SIL GE # 37586**

Sires with progeny born in **2017-2019**

Threshold to be in top X%	NZGE Dual Purpose Indexes					NZGE Dual Purpose Sub-indexes										
	NZMW	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3245	+3831	+3364	+5419	+3215	+831	+923	+2441	+228	+1776	+1033	+467	+712	+2762	+110	+697
10%	+2968	+3507	+3082	+4960	+2936	+719	+800	+2224	+62	+1603	+886	+406	+557	+2413	+89	+584
20%	+2632	+3115	+2740	+4403	+2599	+584	+651	+1962	-139	+1393	+708	+333	+370	+1992	+64	+448
30%	+2390	+2832	+2494	+4001	+2356	+486	+543	+1773	-284	+1242	+580	+281	+235	+1687	+45	+350
40%	+2183	+2590	+2283	+3658	+2148	+403	+451	+1611	-408	+1113	+471	+236	+120	+1428	+30	+266
50%	+1989	+2365	+2086	+3338	+1954	+325	+366	+1460	-523	+992	+369	+194	+12	+1185	+15	+188
60%	+1795	+2139	+1889	+3017	+1760	+247	+280	+1309	-639	+871	+266	+152	-96	+942	+0	+109
70%	+1588	+1897	+1679	+2674	+1552	+163	+188	+1147	-763	+742	+157	+107	-211	+682	-16	+25
80%	+1346	+1614	+1432	+2273	+1309	+66	+80	+958	-908	+591	+29	+54	-346	+378	-34	-73
90%	+1010	+1222	+1090	+1716	+972	-70	-69	+696	-1109	+381	-149	-19	-533	-44	-60	-209
95%	+733	+898	+808	+1256	+693	-181	-192	+479	-1275	+208	-295	-79	-688	-392	-81	-321
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Wool, Meat Yield	Reproduction, Lamb Growth, Adult size, Wool, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, Wool, 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	123	94	37	24	24	208	239	258	160	160	155	149	43	26	31	62
Number of sires	3189	2555	1202	849	836	4363	4822	5039	3885	3885	3216	3489	1317	908	992	2046

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

**NZGE June 2020**

SIL GE# 37586

Sires with progeny born in

**2017-2019**

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LWg <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLy	HQLY	CWY	EMAc <sup>1</sup>	FW12
5%	+0.37	+0.055	+0.037	+5.87	+3.11	+10.06	+3.12	-1.55	-0.813	+0.663	+0.304	+0.124	+0.335	+1.605	+1.556	+0.797
10%	+0.32	+0.048	+0.031	+5.30	+2.82	+9.13	+2.75	-0.42	-0.659	+0.543	+0.250	+0.103	+0.276	+1.384	+1.250	+0.695
20%	<b>+0.26</b>	<b>+0.039</b>	<b>+0.023</b>	<b>+4.61</b>	<b>+2.48</b>	<b>+8.00</b>	<b>+2.31</b>	<b>+0.95</b>	<b>-0.472</b>	<b>+0.398</b>	<b>+0.185</b>	<b>+0.078</b>	<b>+0.204</b>	<b>+1.117</b>	<b>+0.880</b>	<b>+0.571</b>
30%	+0.21	+0.032	+0.018	+4.12	+2.23	+7.18	+1.99	+1.93	-0.338	+0.294	+0.138	+0.059	+0.152	+0.925	+0.613	+0.481
50%	<b>+0.14</b>	<b>+0.022</b>	<b>+0.009</b>	<b>+3.30</b>	<b>+1.83</b>	<b>+5.84</b>	<b>+1.46</b>	<b>+3.56</b>	<b>-0.116</b>	<b>+0.121</b>	<b>+0.061</b>	<b>+0.029</b>	<b>+0.066</b>	<b>+0.607</b>	<b>+0.172</b>	<b>+0.333</b>
70%	+0.07	+0.011	-0.000	+2.48	+1.42	+4.49	+0.93	+5.19	+0.107	-0.051	-0.017	-0.001	-0.020	+0.289	-0.270	+0.185
80%	+0.02	+0.005	-0.006	+1.99	+1.17	+3.68	+0.61	+6.18	+0.241	-0.156	-0.064	-0.020	-0.071	+0.097	-0.537	+0.096
90%	-0.04	-0.004	-0.013	+1.30	+0.83	+2.55	+0.17	+7.54	+0.428	-0.301	-0.129	-0.045	-0.143	-0.170	-0.907	-0.028
95%	-0.09	-0.011	-0.019	+0.73	+0.54	+1.61	-0.19	+8.67	+0.582	-0.420	-0.182	-0.066	-0.203	-0.390	-1.213	-0.131
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	208	239	239	258	258	258	258	160	155	155	155	155	155	155	155	149
Number of sires	4363	4822	4822	5039	5039	5039	5039	3885	3216	3216	3216	3216	3216	3216	3216	3489

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# NZGE gBVs - Health traits - Sire Percentile Bands

NZGE June 2020

SIL GE# 37586

Sires with progeny born in

2017-2019

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%	-46.7	-49.7	-66.1	+54.80	+1.33	-0.95	-0.93	-1.42	+0.38
10%	-35.8	-37.8	-53.9	+47.40	+1.05	-0.77	-0.75	-1.24	+0.32
20%	<b>-22.7</b>	<b>-23.4</b>	<b>-39.2</b>	<b>+38.44</b>	<b>+0.72</b>	<b>-0.56</b>	<b>-0.53</b>	<b>-1.02</b>	<b>+0.24</b>
30%	-13.2	-12.9	-28.5	+31.97	+0.48	-0.41	-0.37	-0.86	+0.19
50%	<b>+2.5</b>	<b>+4.3</b>	<b>-11.0</b>	<b>+21.29</b>	<b>+0.08</b>	<b>-0.15</b>	<b>-0.11</b>	<b>-0.60</b>	<b>+0.11</b>
70%	+18.2	+21.5	+6.6	+10.61	-0.32	+0.10	+0.15	-0.34	+0.02
80%	+27.7	+31.9	+17.2	+4.14	-0.56	+0.26	+0.31	-0.19	-0.03
90%	+40.8	+46.4	+32.0	-4.82	-0.89	+0.47	+0.53	+0.03	-0.10
95%	+51.7	+58.3	+44.2	-12.22	-1.17	+0.65	+0.71	+0.21	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	44	44	44	4	4	37	37	26	65
Number of sires	1339	1339	1339	79	79	1149	1149	915	2159

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

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