

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

**NZGE December 2018**

SIL GE# 36062

Sires with progeny born in

**2015-2017**

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	EMAc <sup>1</sup>
5%	+1830	+223	+1249	+586	+0.037	+6.42	+3.57	+10.95	-1.597	+1.358	+0.463	+0.383	+0.533	+2.750
10%	+1684	+184	+1138	+522	+0.030	+5.83	+3.26	+9.99	-1.420	+1.197	+0.407	+0.337	+0.470	+2.431
20%	<b>+1506</b>	<b>+138</b>	<b>+1005</b>	<b>+444</b>	<b>+0.023</b>	<b>+5.11</b>	<b>+2.87</b>	<b>+8.81</b>	<b>-1.206</b>	<b>+1.001</b>	<b>+0.339</b>	<b>+0.281</b>	<b>+0.393</b>	<b>+2.045</b>
30%	+1378	+104	+908	+388	+0.017	+4.60	+2.60	+7.97	-1.051	+0.860	+0.289	+0.240	+0.337	+1.767
50%	<b>+1166</b>	<b>+49</b>	<b>+749</b>	<b>+296</b>	<b>+0.008</b>	<b>+3.75</b>	<b>+2.14</b>	<b>+6.57</b>	<b>-0.796</b>	<b>+0.627</b>	<b>+0.208</b>	<b>+0.173</b>	<b>+0.246</b>	<b>+1.307</b>
70%	+954	-7	+590	+203	-0.001	+2.89	+1.69	+5.17	-0.540	+0.394	+0.127	+0.106	+0.154	+0.847
80%	+826	-40	+493	+147	-0.007	+2.38	+1.41	+4.33	-0.385	+0.253	+0.077	+0.066	0.000	+0.568
90%	+648	-87	+360	+69	-0.014	+1.67	+1.03	+3.16	-0.171	+0.057	+0.009	+0.010	+0.022	+0.182
95%	+501	-125	+249	+5	-0.021	+1.08	+0.71	+2.19	+0.006	-0.104	-0.047	-0.037	-0.042	-0.136
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	sq. cm
Number of connected flocks	93	140	176	102	140	176	176	176	102	102	102	102	102	102
Number of sires	1383	1770	2125	1442	1770	2125	2125	2125	1442	1442	1442	1442	1442	1442

<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))  
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# NZGE Indexes - Dual Purpose - Sire Percentile Bands

**NZGE December 2018**

**SIL GE # 36062**

Sires with progeny born in **2015-2017**

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%	+3051	+3221	+3198	+5191	+3110	+862	+790	+2410	+235	+1685	+515	+465	+726	+2573	+105	+682
10%	+2778	+2943	+2927	+4719	+2842	+740	+672	+2189	+72	+1509	+421	+404	+579	+2210	+85	+574
20%	+2447	+2607	+2598	+4148	+2518	+592	+530	+1922	-126	+1296	+308	+330	+401	+1769	+61	+444
30%	+2209	+2365	+2361	+3736	+2285	+485	+427	+1729	-269	+1142	+226	+277	+273	+1452	+43	+350
40%	+2005	+2158	+2158	+3385	+2085	+394	+340	+1565	-391	+1011	+156	+232	+163	+1181	+28	+270
50%	+1815	+1964	+1969	+3056	+1898	+309	+258	+1411	-505	+888	+91	+189	+61	+927	+14	+195
60%	+1624	+1771	+1780	+2727	+1712	+224	+176	+1257	-619	+766	+26	+147	-41	+674	-0	+120
70%	+1421	+1564	+1577	+2375	+1512	+133	+88	+1093	-742	+634	-44	+102	-151	+403	-15	+39
80%	+1182	+1321	+1340	+1963	+1278	+26	-15	+900	-884	+481	-125	+48	-279	+85	-33	-55
90%	+852	+985	+1011	+1392	+954	-122	-157	+633	-1083	+267	-239	-25	-457	-355	-57	-185
95%	+579	+708	+740	+920	+686	-244	-275	+412	-1246	+91	-332	-86	-604	-718	-77	-292
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	155	109	39	28	34	247	242	275	166	275	157	166	40	36	37	71
Number of sires	3617	2677	918	922	983	4744	4578	5130	3861	5130	3181	3822	925	1099	1022	2046

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE December 2018

SIL GE# 36062

Sires with progeny born in 2015-2017

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	EMAc <sup>1</sup>	FW12
5%	+0.38	+0.047	+0.034	+5.76	+3.18	+9.73	+2.82	-1.60	-1.137	+0.894	+0.312	+0.245	+0.353	+1.980	+0.795
10%	+0.33	+0.040	+0.028	+5.19	+2.88	+8.82	+2.47	-0.49	-0.959	+0.732	+0.256	+0.199	+0.291	+1.603	+0.692
20%	<b>+0.26</b>	<b>+0.031</b>	<b>+0.021</b>	<b>+4.49</b>	<b>+2.52</b>	<b>+7.71</b>	<b>+2.04</b>	<b>+0.86</b>	<b>-0.745</b>	<b>+0.537</b>	<b>+0.189</b>	<b>+0.143</b>	<b>+0.215</b>	<b>+1.147</b>	<b>+0.567</b>
30%	+0.21	+0.025	+0.016	+3.99	+2.26	+6.91	+1.74	+1.83	-0.590	+0.396	+0.140	+0.102	+0.160	+0.818	+0.477
50%	<b>+0.14</b>	<b>+0.015</b>	<b>+0.007</b>	<b>+3.16</b>	<b>+1.83</b>	<b>+5.60</b>	<b>+1.23</b>	<b>+3.44</b>	<b>-0.334</b>	<b>+0.163</b>	<b>+0.059</b>	<b>+0.036</b>	<b>+0.069</b>	<b>+0.274</b>	<b>+0.328</b>
70%	+0.06	+0.004	-0.002	+2.33	+1.40	+4.28	+0.73	+5.04	-0.078	-0.070	-0.021	-0.031	-0.022	-0.270	+0.180
80%	+0.01	-0.002	-0.007	+1.83	+1.13	+3.48	+0.42	+6.02	+0.077	-0.211	-0.070	-0.072	-0.077	-0.599	+0.090
90%	-0.06	-0.011	-0.014	+1.13	+0.77	+2.37	-0.01	+7.36	+0.291	-0.406	-0.137	-0.128	-0.153	-1.055	-0.035
95%	-0.11	-0.018	-0.020	+0.55	+0.47	+1.46	-0.36	+8.48	+0.468	-0.568	-0.193	-0.174	-0.215	-1.432	-0.138
Units	x100 =%	x100 =%	x100 =%	kg	kg	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	sq. cm	kg
Number of connected flocks	247	242	242	275	275	275	275	166	157	157	157	157	157	157	166
Number of sires	4744	4578	4578	5130	5130	5130	5130	3861	3181	3181	3181	3181	3181	3181	3822

<sup>1</sup>These BVs not used in standard SIL indexes

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# NZGE gBVs - Health traits - Sire Percentile Bands

NZGE December 2018

SIL GE# 36062

Sires with progeny born in

2015-2017

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%	-45.1	-50.9	-64.8	+54.57	+1.71	-0.90	-0.84	-1.31	+0.37
10%	-34.7	-39.3	-54.2	+47.85	+1.40	-0.73	-0.68	-1.12	+0.31
20%	-22.2	-25.3	-41.5	+39.72	+1.02	-0.52	-0.48	-0.90	+0.24
30%	-13.2	-15.2	-32.3	+33.85	+0.75	-0.37	-0.34	-0.74	+0.19
50%	+1.7	+1.5	-17.0	+24.15	+0.30	-0.12	-0.11	-0.47	+0.11
70%	+16.7	+18.2	-1.8	+14.45	-0.16	+0.13	+0.13	-0.20	+0.03
80%	+25.7	+28.3	+7.4	+8.58	-0.43	+0.28	+0.27	-0.04	-0.02
90%	+38.2	+42.3	+20.2	+0.44	-0.81	+0.49	+0.46	+0.19	-0.09
95%	+48.6	+53.9	+30.7	-6.28	-1.12	+0.66	+0.63	+0.38	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	5	5	40	40	36	74
Number of sires	973	973	973	81	81	1116	1116	1121	2186

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

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