

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

**NZGE October 2018**

SIL GE# 35854

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%	+1833	+222	+1251	+588	+0.037	+6.43	+3.58	+10.97	-1.599	+1.364	+0.466	+0.385	+0.535	+2.757
10%	+1687	+184	+1141	+524	+0.030	+5.84	+3.26	+10.00	-1.422	+1.202	+0.409	+0.338	+0.471	+2.437
20%	<b>+1511</b>	<b>+137</b>	<b>+1007</b>	<b>+446</b>	<b>+0.023</b>	<b>+5.13</b>	<b>+2.88</b>	<b>+8.83</b>	<b>-1.208</b>	<b>+1.005</b>	<b>+0.340</b>	<b>+0.282</b>	<b>+0.394</b>	<b>+2.051</b>
30%	+1384	+104	+911	+389	+0.017	+4.61	+2.60	+7.99	-1.053	+0.863	+0.291	+0.241	+0.338	+1.772
50%	<b>+1174</b>	<b>+49</b>	<b>+751</b>	<b>+296</b>	<b>+0.008</b>	<b>+3.76</b>	<b>+2.15</b>	<b>+6.59</b>	<b>-0.798</b>	<b>+0.628</b>	<b>+0.209</b>	<b>+0.174</b>	<b>+0.246</b>	<b>+1.311</b>
70%	+964	-7	+592	+203	-0.001	+2.91	+1.69	+5.19	-0.542	+0.394	+0.127	+0.106	+0.154	+0.851
80%	+837	-40	+496	+147	-0.007	+2.39	+1.42	+4.35	-0.388	+0.252	+0.077	+0.066	0.000	+0.572
90%	+661	-87	+362	+69	-0.014	+1.68	+1.03	+3.18	-0.173	+0.055	+0.008	+0.009	+0.021	+0.185
95%	+516	-125	+252	+5	-0.021	+1.09	+0.72	+2.21	+0.004	-0.107	-0.048	-0.038	-0.043	-0.134
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	91	139	176	101	139	176	176	176	101	101	101	101	101	101
Number of sires	1352	1742	2105	1420	1742	2105	2105	2105	1420	1420	1420	1420	1420	1420

<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 October 2018**

**SIL GE # 35854**

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%	+3066	+3230	+3203	+5227	+3151	+864	+798	+2413	+233	+1683	+515	+462	+725	+2571	+105	+681
10%	+2796	+2956	+2932	+4758	+2884	+743	+681	+2192	+69	+1507	+422	+402	+579	+2207	+85	+573
20%	+2468	+2623	+2602	+4189	+2560	+597	+538	+1924	-129	+1293	+309	+329	+401	+1767	+61	+443
30%	+2233	+2384	+2365	+3779	+2326	+492	+435	+1731	-271	+1139	+228	+277	+273	+1450	+43	+349
40%	+2031	+2179	+2162	+3429	+2126	+402	+347	+1566	-393	+1008	+158	+232	+163	+1179	+28	+268
50%	+1843	+1988	+1972	+3102	+1940	+318	+265	+1412	-507	+885	+93	+190	+61	+925	+14	+193
60%	+1654	+1797	+1783	+2775	+1753	+234	+183	+1258	-621	+762	+28	+149	-42	+672	-0	+118
70%	+1453	+1592	+1580	+2425	+1554	+145	+95	+1093	-743	+630	-42	+104	-151	+400	-15	+38
80%	+1217	+1352	+1342	+2015	+1320	+39	-8	+900	-886	+476	-123	+51	-279	+83	-33	-56
90%	+890	+1020	+1013	+1447	+996	-107	-151	+632	-1084	+263	-236	-21	-457	-357	-57	-187
95%	+620	+746	+741	+977	+728	-227	-269	+411	-1247	+87	-330	-81	-604	-721	-77	-295
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	145	101	39	27	30	235	240	274	157	274	154	159	40	36	37	68
Number of sires	3476	2565	918	909	910	4616	4553	5117	3789	5117	3102	3713	925	1101	1024	2040

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

**NZGE October 2018**

SIL GE# 35854

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	+0.035	+5.78	+3.18	+9.74	+2.81	-1.58	-1.142	+0.895	+0.313	+0.245	+0.354	+1.995	+0.791
10%	+0.33	+0.040	+0.029	+5.20	+2.88	+8.83	+2.46	-0.47	-0.965	+0.734	+0.257	+0.199	+0.291	+1.616	+0.689
20%	<b>+0.26</b>	<b>+0.031</b>	<b>+0.022</b>	<b>+4.50</b>	<b>+2.52</b>	<b>+7.72</b>	<b>+2.04</b>	<b>+0.87</b>	<b>-0.750</b>	<b>+0.539</b>	<b>+0.190</b>	<b>+0.143</b>	<b>+0.215</b>	<b>+1.157</b>	<b>+0.566</b>
30%	+0.22	+0.025	+0.016	+4.00	+2.26	+6.92	+1.73	+1.85	-0.596	+0.398	+0.141	+0.103	+0.161	+0.827	+0.477
50%	<b>+0.14</b>	<b>+0.015</b>	<b>+0.008</b>	<b>+3.17</b>	<b>+1.83</b>	<b>+5.60</b>	<b>+1.23</b>	<b>+3.45</b>	<b>-0.341</b>	<b>+0.166</b>	<b>+0.060</b>	<b>+0.036</b>	<b>+0.070</b>	<b>+0.280</b>	<b>+0.330</b>
70%	+0.06	+0.005	-0.001	+2.33	+1.40	+4.28	+0.72	+5.05	-0.085	-0.067	-0.020	-0.030	-0.020	-0.267	+0.183
80%	+0.01	-0.002	-0.007	+1.83	+1.14	+3.48	+0.42	+6.03	+0.069	-0.208	-0.069	-0.071	-0.075	-0.598	+0.095
90%	-0.05	-0.010	-0.014	+1.13	+0.77	+2.37	-0.01	+7.37	+0.284	-0.403	-0.136	-0.127	-0.151	-1.057	-0.029
95%	-0.11	-0.017	-0.020	+0.56	+0.47	+1.46	-0.36	+8.48	+0.460	-0.564	-0.192	-0.173	-0.214	-1.435	-0.130
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	235	240	240	274	274	274	274	157	154	154	154	154	154	154	159
Number of sires	4616	4553	4553	5117	5117	5117	5117	3789	3102	3102	3102	3102	3102	3102	3713

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# NZGE gBVs - Health traits - Sire Percentile Bands

**NZGE October 2018**

SIL GE# 35854

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%	-44.9	-50.8	-64.9	+54.53	+1.70	-0.90	-0.84	-1.31	+0.37
10%	-34.6	-39.3	-54.3	+47.82	+1.39	-0.73	-0.68	-1.12	+0.31
20%	<b>-22.1</b>	<b>-25.3</b>	<b>-41.5</b>	<b>+39.69</b>	<b>+1.01</b>	<b>-0.52</b>	<b>-0.49</b>	<b>-0.90</b>	<b>+0.24</b>
30%	-13.1	-15.2	-32.3	+33.82	+0.74	-0.37	-0.34	-0.74	+0.19
50%	<b>+1.7</b>	<b>+1.5</b>	<b>-17.0</b>	<b>+24.13</b>	<b>+0.29</b>	<b>-0.12</b>	<b>-0.11</b>	<b>-0.47</b>	<b>+0.11</b>
70%	+16.6	+18.2	-1.7	+14.44	-0.16	+0.13	+0.13	-0.20	+0.03
80%	+25.6	+28.3	+7.6	+8.57	-0.43	+0.28	+0.27	-0.03	-0.02
90%	+38.1	+42.3	+20.4	+0.44	-0.80	+0.49	+0.46	+0.19	-0.09
95%	+48.4	+53.8	+31.0	-6.27	-1.11	+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	71
Number of sires	973	973	973	81	81	1118	1118	1123	2179

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

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