

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

**NZGE December 2020**

SIL GE# 37959

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	LNLV	HQLV	CWY	EMAc <sup>1</sup>
5%	+2238	+261	+1241	+938	+0.043	+6.54	+3.50	+11.26	-1.289	+1.005	+0.450	+0.131	+0.460	+2.323	+1.919
10%	+2047	+220	+1126	+841	+0.036	+5.93	+3.17	+10.21	-1.126	+0.872	+0.387	+0.112	+0.395	+2.105	+1.636
20%	<b>+1816</b>	<b>+171</b>	<b>+986</b>	<b>+724</b>	<b>+0.028</b>	<b>+5.18</b>	<b>+2.78</b>	<b>+8.93</b>	<b>-0.929</b>	<b>+0.711</b>	<b>+0.310</b>	<b>+0.089</b>	<b>+0.315</b>	<b>+1.841</b>	<b>+1.294</b>
30%	+1649	+135	+886	+639	+0.022	+4.64	+2.49	+8.01	-0.786	+0.595	+0.254	+0.072	+0.258	+1.650	+1.048
50%	<b>+1373</b>	<b>+76</b>	<b>+720</b>	<b>+499</b>	<b>+0.013</b>	<b>+3.75</b>	<b>+2.02</b>	<b>+6.49</b>	<b>-0.551</b>	<b>+0.403</b>	<b>+0.163</b>	<b>+0.045</b>	<b>+0.163</b>	<b>+1.335</b>	<b>+0.640</b>
70%	+1098	+18	+554	+359	+0.003	+2.86	+1.55	+4.96	-0.315	+0.211	+0.072	+0.018	+0.068	+1.020	+0.233
80%	+931	-18	+454	+275	-0.003	+2.32	+1.27	+4.04	-0.173	+0.095	+0.016	+0.001	0.000	0.000	-0.014
90%	+700	-67	+315	+157	-0.011	+1.57	+0.88	+2.76	+0.025	-0.066	-0.061	-0.022	-0.068	+0.565	-0.356
95%	+508	-108	+200	+61	-0.018	+0.95	+0.55	+1.71	+0.188	-0.199	-0.124	-0.041	-0.134	+0.347	-0.638
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	155	190	128	155	190	190	190	128	128	128	128	128	128	128
Number of sires	1395	1679	1971	1568	1679	1971	1971	1971	1568	1568	1568	1568	1568	1568	1568

<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 2020**

**SIL GE # 37959**

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%	+3188	+3748	+3310	+5181	+3160	+836	+921	+2413	+243	+1760	+1067	+429	+697	+2613	+106	+704
10%	+2910	+3426	+3025	+4708	+2876	+718	+800	+2200	+78	+1588	+911	+369	+545	+2249	+85	+591
20%	+2574	+3035	+2679	+4135	+2532	+574	+654	+1942	-122	+1379	+721	+296	+361	+1809	+60	+454
30%	+2332	+2753	+2430	+3722	+2284	+470	+548	+1756	-266	+1228	+584	+244	+229	+1491	+42	+356
40%	+2125	+2512	+2217	+3370	+2071	+382	+458	+1597	-389	+1100	+468	+199	+116	+1219	+26	+272
50%	+1931	+2287	+2019	+3040	+1873	+299	+374	+1448	-504	+980	+358	+158	+10	+965	+12	+193
60%	+1737	+2062	+1820	+2710	+1675	+216	+290	+1300	-619	+859	+249	+116	-96	+712	-3	+114
70%	+1530	+1822	+1607	+2357	+1463	+128	+199	+1141	-742	+731	+132	+71	-209	+440	-18	+30
80%	+1288	+1540	+1358	+1944	+1215	+24	+94	+955	-886	+580	-5	+19	-342	+122	-36	-69
90%	+952	+1149	+1013	+1371	+870	-120	-53	+697	-1085	+372	-194	-54	-526	-319	-62	-205
95%	+674	+826	+727	+898	+586	-238	-173	+484	-1250	+199	-351	-113	-677	-683	-83	-318
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	133	104	40	32	32	242	258	285	184	184	177	171	46	37	41	72
Number of sires	3370	2774	1231	1076	972	4657	4916	5249	4077	4077	3424	3786	1319	1162	1110	2114

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

**NZGE December 2020**

SIL GE# 37959

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	LW8 <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLV	HQLV	CWV	EMAc <sup>1</sup>	FW12
5%	+0.37	+0.055	+0.037	+5.79	+3.07	+9.89	+3.13	-1.65	-0.913	+0.785	+0.357	+0.116	+0.369	+1.616	+1.560	+0.656
10%	+0.32	+0.047	+0.031	+5.23	+2.79	+8.97	+2.77	-0.53	-0.735	+0.636	+0.290	+0.096	+0.301	+1.392	+1.256	+0.564
20%	<b>+0.25</b>	<b>+0.039</b>	<b>+0.024</b>	<b>+4.55</b>	<b>+2.45</b>	<b>+7.87</b>	<b>+2.33</b>	<b>+0.83</b>	<b>-0.520</b>	<b>+0.455</b>	<b>+0.210</b>	<b>+0.072</b>	<b>+0.218</b>	<b>+1.121</b>	<b>+0.887</b>	<b>+0.452</b>
30%	+0.21	+0.033	+0.018	+4.06	+2.21	+7.07	+2.01	+1.81	-0.364	+0.324	+0.152	+0.055	+0.158	+0.926	+0.621	+0.371
50%	<b>+0.13</b>	<b>+0.022</b>	<b>+0.009</b>	<b>+3.26</b>	<b>+1.80</b>	<b>+5.76</b>	<b>+1.49</b>	<b>+3.43</b>	<b>-0.108</b>	<b>+0.109</b>	<b>+0.056</b>	<b>+0.026</b>	<b>+0.060</b>	<b>+0.603</b>	<b>+0.181</b>	<b>+0.238</b>
70%	+0.05	+0.012	+0.000	+2.45	+1.40	+4.44	+0.97	+5.05	+0.149	-0.107	-0.040	-0.003	-0.039	+0.279	-0.259	+0.104
80%	+0.01	+0.006	-0.005	+1.96	+1.16	+3.65	+0.65	+6.02	+0.305	-0.237	-0.098	-0.020	-0.099	+0.084	-0.525	+0.023
90%	-0.06	-0.003	-0.013	+1.29	+0.82	+2.54	+0.21	+7.38	+0.520	-0.418	-0.179	-0.044	-0.181	-0.187	-0.894	-0.089
95%	-0.11	-0.010	-0.019	+0.73	+0.54	+1.63	-0.15	+8.50	+0.698	-0.567	-0.245	-0.064	-0.250	-0.411	-1.199	-0.181
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	242	258	258	285	285	285	285	184	177	177	177	177	177	177	177	171
Number of sires	4657	4916	4916	5249	5249	5249	5249	4077	3424	3424	3424	3424	3424	3424	3424	3786

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

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# NZGE gBVs - Health traits - Sire Percentile Bands

NZGE December 2020

SIL GE# 37959

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%	-44.9	-48.6	-65.9	+53.39	+1.38	-0.91	-0.89	-1.33	+0.38
10%	-34.2	-36.9	-53.6	+45.88	+1.10	-0.74	-0.72	-1.15	+0.32
20%	-21.4	-22.8	-38.8	+36.79	+0.76	-0.53	-0.50	-0.92	+0.25
30%	-12.0	-12.7	-28.1	+30.23	+0.51	-0.37	-0.35	-0.75	+0.20
50%	+3.3	+4.1	-10.4	+19.39	+0.10	-0.12	-0.10	-0.48	+0.11
70%	+18.7	+20.9	+7.3	+8.55	-0.31	+0.14	+0.15	-0.21	+0.02
80%	+28.0	+31.1	+18.0	+1.99	-0.56	+0.29	+0.31	-0.05	-0.03
90%	+40.9	+45.2	+32.9	-7.11	-0.90	+0.50	+0.52	+0.18	-0.10
95%	+51.6	+56.8	+45.1	-14.62	-1.18	+0.68	+0.69	+0.36	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	47	47	37	76
Number of sires	1357	1357	1357	79	79	1282	1282	1187	2241

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

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