

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

**NZGE April 2021**

SIL GE# 38372

Sires with progeny born in **2018-2020**

Threshold to be in top X%	NZTW	NZGE Terminal Sire Sub-indexes			NZGE Terminal Sire - estimated Breeding Values (gBV)										
		TSS	TSG	TSM	SUR	VWT	CWT	LW8 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>
5%	+2225	+276	+1287	+881	+0.045	+6.73	+3.64	+11.76	-1.114	+0.779	+0.340	+0.142	+0.389	+2.352	+2.112
10%	+2037	+234	+1172	+791	+0.039	+6.12	+3.32	+10.69	-0.967	+0.668	+0.289	+0.122	+0.330	+2.138	+1.809
20%	<b>+1808</b>	<b>+184</b>	<b>+1033</b>	<b>+683</b>	<b>+0.030</b>	<b>+5.38</b>	<b>+2.92</b>	<b>+9.41</b>	<b>-0.788</b>	<b>+0.534</b>	<b>+0.227</b>	<b>+0.098</b>	<b>+0.258</b>	<b>+1.879</b>	<b>+1.441</b>
30%	+1643	+148	+933	+605	+0.024	+4.84	+2.63	+8.48	-0.659	+0.438	+0.182	+0.080	+0.207	+1.692	+1.176
50%	<b>+1371</b>	<b>+87</b>	<b>+767</b>	<b>+476</b>	<b>+0.014</b>	<b>+3.96</b>	<b>+2.16</b>	<b>+6.94</b>	<b>-0.446</b>	<b>+0.278</b>	<b>+0.108</b>	<b>+0.052</b>	<b>+0.122</b>	<b>+1.383</b>	<b>+0.738</b>
70%	+1098	+27	+602	+346	+0.004	+3.08	+1.69	+5.40	-0.233	+0.118	+0.034	+0.023	+0.036	+1.074	+0.300
80%	+934	-9	+501	+268	-0.002	+2.55	+1.41	+4.47	-0.105	+0.021	-0.010	+0.005	0.000	0.000	+0.034
90%	+705	-60	+362	+160	-0.010	+1.81	+1.01	+3.19	+0.074	-0.113	-0.072	-0.019	-0.086	+0.628	-0.333
95%	+516	-101	+248	+70	-0.017	+1.20	+0.68	+2.12	+0.222	-0.224	-0.124	-0.039	-0.145	+0.414	-0.637
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	107	144	176	120	144	176	176	176	120	120	120	120	120	120	120
Number of sires	1400	1657	1998	1591	1657	1998	1998	1998	1591	1591	1591	1591	1591	1591	1591

<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 April 2021**

**SIL GE # 38372**

Sires with progeny born in

**2018-2020**

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%	+3254	+3780	+3461	+5464	+3198	+826	+964	+2435	+256	+1780	+1006	+428	+709	+2672	+96	+686
10%	+2972	+3454	+3155	+5004	+2918	+715	+836	+2220	+87	+1606	+858	+369	+550	+2332	+76	+576
20%	+2631	+3060	+2784	+4448	+2578	+580	+681	+1961	-117	+1395	+679	+298	+357	+1920	+53	+444
30%	+2385	+2775	+2517	+4046	+2333	+484	+569	+1773	-265	+1243	+550	+246	+218	+1623	+36	+348
40%	+2175	+2532	+2289	+3703	+2124	+401	+473	+1613	-391	+1114	+440	+202	+99	+1370	+21	+266
50%	+1978	+2305	+2076	+3382	+1928	+323	+384	+1464	-509	+992	+337	+161	-12	+1132	+8	+190
60%	+1782	+2078	+1862	+3062	+1732	+246	+295	+1314	-626	+871	+234	+120	-123	+895	-6	+114
70%	+1571	+1835	+1634	+2718	+1523	+163	+199	+1154	-752	+741	+124	+76	-242	+641	-21	+32
80%	+1325	+1550	+1367	+2317	+1278	+66	+87	+967	-900	+589	-6	+24	-381	+345	-38	-64
90%	+984	+1156	+996	+1760	+938	-68	-68	+707	-1104	+378	-185	-47	-574	-67	-61	-196
95%	+702	+830	+690	+1300	+658	-179	-196	+492	-1273	+204	-332	-106	-733	-407	-81	-306
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	119	97	44	27	40	215	259	286	169	169	162	146	51	33	47	69
Number of sires	3156	2663	1313	827	1383	4440	4979	5242	3769	3769	3311	3464	1419	967	1522	2094

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

**NZGE April 2021**

SIL GE# 38372

Sires with progeny born in

**2018-2020**

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%	+0.37	+0.057	+0.039	+5.82	+3.09	+9.92	+3.22	-1.74	-0.759	+0.573	+0.262	+0.128	+0.312	+1.613	+1.651	+0.656
10%	+0.32	+0.049	+0.032	+5.25	+2.81	+9.01	+2.85	-0.59	-0.610	+0.466	+0.214	+0.106	+0.256	+1.382	+1.331	+0.565
20%	<b>+0.26</b>	<b>+0.040</b>	<b>+0.025</b>	<b>+4.57</b>	<b>+2.47</b>	<b>+7.90</b>	<b>+2.41</b>	<b>+0.80</b>	<b>-0.430</b>	<b>+0.338</b>	<b>+0.157</b>	<b>+0.080</b>	<b>+0.187</b>	<b>+1.102</b>	<b>+0.943</b>	<b>+0.454</b>
30%	+0.21	+0.033	+0.019	+4.07	+2.22	+7.11	+2.09	+1.80	-0.300	+0.245	+0.115	+0.060	+0.137	+0.900	+0.663	+0.375
50%	<b>+0.14</b>	<b>+0.022</b>	<b>+0.010</b>	<b>+3.26</b>	<b>+1.82</b>	<b>+5.79</b>	<b>+1.56</b>	<b>+3.46</b>	<b>-0.085</b>	<b>+0.092</b>	<b>+0.046</b>	<b>+0.029</b>	<b>+0.055</b>	<b>+0.566</b>	<b>+0.201</b>	<b>+0.243</b>
70%	+0.07	+0.011	+0.001	+2.44	+1.41	+4.48	+1.03	+5.12	+0.130	-0.061	-0.023	-0.003	-0.027	+0.232	-0.262	+0.111
80%	+0.02	+0.005	-0.005	+1.95	+1.16	+3.68	+0.71	+6.12	+0.260	-0.154	-0.064	-0.022	-0.076	+0.030	-0.541	+0.032
90%	-0.04	-0.005	-0.012	+1.27	+0.82	+2.58	+0.26	+7.51	+0.441	-0.282	-0.122	-0.049	-0.145	-0.250	-0.929	-0.079
95%	-0.09	-0.012	-0.019	+0.70	+0.54	+1.66	-0.10	+8.66	+0.590	-0.389	-0.170	-0.071	-0.202	-0.482	-1.250	-0.170
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	215	259	259	286	286	286	286	169	162	162	162	162	162	162	162	146
Number of sires	4440	4979	4979	5242	5242	5242	5242	3769	3311	3311	3311	3311	3311	3311	3311	3464

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

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# NZGE gBVs - Health traits - Sire Percentile Bands

NZGE April 2021

SIL GE# 38372

Sires with progeny born in 2018-2020

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	-49.0	-68.8	+60.14	+1.26	-0.85	-0.83	-1.37	+0.37
10%	-35.5	-37.0	-55.5	+50.87	+0.98	-0.68	-0.67	-1.19	+0.31
20%	<b>-21.9</b>	<b>-22.4</b>	<b>-39.3</b>	<b>+39.65</b>	<b>+0.64</b>	<b>-0.47</b>	<b>-0.46</b>	<b>-0.98</b>	<b>+0.24</b>
30%	-12.1	-11.9	-27.6	+31.56	+0.39	-0.32	-0.32	-0.83	+0.19
50%	<b>+4.1</b>	<b>+5.4</b>	<b>-8.4</b>	<b>+18.18</b>	<b>-0.01</b>	<b>-0.08</b>	<b>-0.07</b>	<b>-0.57</b>	<b>+0.11</b>
70%	+20.2	+22.8	+10.9	+4.80	-0.42	+0.17	+0.17	-0.32	+0.02
80%	+30.0	+33.3	+22.5	-3.29	-0.67	+0.31	+0.31	-0.17	-0.03
90%	+43.6	+47.9	+38.7	-14.51	-1.01	+0.52	+0.52	+0.05	-0.10
95%	+54.8	+59.9	+52.0	-23.78	-1.29	+0.69	+0.68	+0.22	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	52	52	52	3	3	53	53	33	71
Number of sires	1452	1452	1452	60	60	1719	1719	980	2191

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

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