

## NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

**NZGE May2024**

**SIL GE# 41615**

Sires with progeny born in

**2021-2023**

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%	+2697	+356	+1572	+987	+0.042	+6.69	+3.64	+11.47	-1.190	+0.821	+0.363	+0.123	+0.395	+2.381	+1.994
10%	+2444	+299	+1416	+882	+0.036	+6.01	+3.28	+10.33	-1.027	+0.704	+0.309	+0.104	+0.335	+2.153	+1.687
20%	<b>+2138</b>	<b>+230</b>	<b>+1227</b>	<b>+754</b>	<b>+0.027</b>	<b>+5.20</b>	<b>+2.84</b>	<b>+8.94</b>	<b>-0.830</b>	<b>+0.563</b>	<b>+0.243</b>	<b>+0.080</b>	<b>+0.262</b>	<b>+1.877</b>	<b>+1.314</b>
30%	+1918	+181	+1091	+662	+0.022	+4.62	+2.52	+7.94	-0.688	+0.462	+0.196	+0.064	+0.209	+1.679	+1.046
50%	<b>+1553</b>	<b>+99</b>	<b>+866</b>	<b>+510</b>	<b>+0.012</b>	<b>+3.65</b>	<b>+1.99</b>	<b>+6.29</b>	<b>-0.453</b>	<b>+0.293</b>	<b>+0.119</b>	<b>+0.036</b>	<b>+0.123</b>	<b>+1.350</b>	<b>+0.602</b>
70%	+1188	+17	+641	+359	+0.002	+2.68	+1.47	+4.63	-0.218	+0.125	+0.041	+0.009	+0.036	+1.021	+0.158
80%	+968	-33	+505	+267	-0.004	+2.10	+1.15	+3.63	-0.076	+0.023	-0.006	-0.008	-0.017	+0.823	-0.110
90%	+662	-102	+316	+139	-0.012	+1.28	+0.71	+2.25	+0.121	-0.118	-0.072	-0.031	-0.089	+0.547	-0.483
95%	+409	-158	+160	+34	-0.019	+0.61	+0.35	+1.10	+0.283	-0.234	-0.126	-0.050	-0.149	+0.319	-0.790
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	113	156	199	133	156	199	199	199	133	133	133	133	133	133	133
Number of sires	2033	2416	2794	2271	2416	2794	2794	2794	2271	2271	2271	2271	2271	2271	2271

<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 May2024**

SIL GE # 41615

Sires with progeny born in **2021-2023**

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3398	+3596	+3994	+3694	+5586	+3389	+932	+1264	+2598	+366	+2000	+1079	+245	+944	+2856	+106	+1276
10%	+3075	+3271	+3622	+3328	+5019	+3079	+803	+1089	+2351	+181	+1790	+922	+208	+753	+2460	+83	+1076
20%	+2683	+2877	+3172	+2885	+4333	+2704	+646	+877	+2052	-43	+1537	+733	+165	+522	+1981	+55	+834
30%	+2401	+2593	+2847	+2565	+3838	+2433	+532	+723	+1836	-204	+1353	+596	+133	+355	+1635	+34	+659
40%	+2159	+2350	+2570	+2292	+3415	+2202	+436	+593	+1652	-343	+1197	+479	+106	+212	+1339	+17	+509
50%	+1934	+2124	+2310	+2037	+3019	+1986	+345	+470	+1480	-472	+1051	+370	+81	+79	+1063	+0	+370
60%	+1708	+1897	+2051	+1781	+2624	+1770	+255	+348	+1308	-601	+904	+261	+55	-54	+787	-16	+230
70%	+1467	+1654	+1774	+1508	+2201	+1539	+158	+217	+1123	-739	+748	+144	+28	-197	+491	-33	+80
80%	+1185	+1370	+1449	+1189	+1706	+1268	+45	+64	+908	-900	+565	+7	-3	-364	+146	-54	-94
90%	+793	+976	+999	+745	+1020	+893	-112	-148	+609	-1125	+311	-182	-47	-595	-334	-82	-337
95%	+470	+651	+627	+379	+453	+583	-241	-324	+362	-1310	+101	-339	-83	-786	-730	-105	-537
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size	Reproduction, Survival, Lamb Growth, Adult size, Wool	Reproduction, Survival, Lamb Growth, Adult size, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size, 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	151	96	101	65	29	71	221	241	262	167	162	140	112	68	30	83	77
Number of sires	4197	3005	3248	2029	1169	2711	4868	5193	5346	4386	4342	3758	3136	2067	1184	2843	2532

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## NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

**NZGE May2024**

**SIL GE # 41615**

Sires with progeny born in

**2021-2023**

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3596	+4140	+3875	+5784	+4106	+3556	+4253	+5942	+4044	+6123
10%	+3271	+3769	+3502	+5201	+3746	+3246	+3851	+5383	+3688	+5524
20%	+2877	+3320	+3049	+4495	+3310	+2871	+3363	+4707	+3257	+4799
30%	+2593	+2996	+2723	+3986	+2996	+2601	+3012	+4219	+2946	+4276
40%	+2350	+2719	+2444	+3551	+2727	+2369	+2711	+3802	+2681	+3829
50%	+2124	+2461	+2183	+3145	+2476	+2153	+2431	+3413	+2432	+3412
60%	+1897	+2202	+1923	+2738	+2225	+1937	+2150	+3023	+2184	+2994
70%	+1654	+1925	+1644	+2303	+1957	+1706	+1850	+2607	+1919	+2547
80%	+1370	+1601	+1317	+1794	+1642	+1435	+1498	+2119	+1608	+2024
90%	+976	+1152	+865	+1088	+1206	+1060	+1011	+1442	+1177	+1299
95%	+651	+781	+491	+505	+846	+750	+608	+884	+821	+700
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size Wool	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size Wool, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Dag score	Reproduction, Survival, Lamb Growth, Adult size Wool, Body Condition	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Dag	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	96	73	47	25	50	53	39	23	46	23
Number of sires	3005	2587	1555	1072	2002	2174	1408	1022	2025	1022

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## NZGE gBVs - Dual Purpose - Sire Percentile Bands

**NZGE May2024**

**SIL GE# 41615**

Sires with progeny born in

**2021-2023**

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%	+0.38	+0.054	+0.041	+5.63	+3.01	+9.47	+3.24	-2.32	-0.842	+0.600	+0.281	+0.120	+0.319	+1.713	+1.654	+0.680
10%	+0.33	+0.047	+0.034	+5.05	+2.71	+8.53	+2.86	-1.15	-0.678	+0.491	+0.231	+0.100	+0.263	+1.467	+1.328	+0.579
20%	<b>+0.26</b>	<b>+0.038</b>	<b>+0.025</b>	<b>+4.34</b>	<b>+2.36</b>	<b>+7.40</b>	<b>+2.40</b>	<b>+0.27</b>	<b>-0.480</b>	<b>+0.360</b>	<b>+0.171</b>	<b>+0.075</b>	<b>+0.195</b>	<b>+1.170</b>	<b>+0.932</b>	<b>+0.456</b>
30%	+0.22	+0.032	+0.019	+3.82	+2.10	+6.59	+2.07	+1.29	-0.338	+0.265	+0.127	+0.057	+0.146	+0.955	+0.647	+0.367
50%	<b>+0.14</b>	<b>+0.021</b>	<b>+0.009</b>	<b>+2.98</b>	<b>+1.67</b>	<b>+5.24</b>	<b>+1.52</b>	<b>+2.98</b>	<b>-0.102</b>	<b>+0.108</b>	<b>+0.055</b>	<b>+0.027</b>	<b>+0.065</b>	<b>+0.600</b>	<b>+0.175</b>	<b>+0.221</b>
70%	+0.06	+0.011	-0.001	+2.13	+1.25	+3.90	+0.98	+4.68	+0.134	-0.049	-0.016	-0.002	-0.015	+0.245	-0.296	+0.074
80%	+0.01	+0.004	-0.008	+1.62	+0.99	+3.08	+0.65	+5.70	+0.277	-0.144	-0.060	-0.020	-0.064	+0.031	-0.582	-0.015
90%	-0.05	-0.005	-0.016	+0.91	+0.63	+1.95	+0.19	+7.12	+0.475	-0.275	-0.120	-0.045	-0.132	-0.267	-0.977	-0.138
95%	-0.11	-0.012	-0.023	+0.32	+0.34	+1.02	-0.19	+8.29	+0.638	-0.384	-0.170	-0.065	-0.188	-0.513	-1.304	-0.239
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	221	241	241	262	262	262	262	167	140	140	140	140	140	140	140	112
Number of sires	4868	5193	5193	5346	5346	5346	5346	4386	3758	3758	3758	3758	3758	3758	3758	3136

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## NZGE gBVs- Health Traits - Sire Percentile Bands

**NZGE May2024**

SIL GE# 41615

Sires with progeny born in

**2021-2023**

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%	-49.2	-50.6	-67.0	+37.29	+1.83	-0.81	-0.97	-1.28	+0.39
10%	-38.9	-39.5	-54.7	+30.55	+1.51	-0.64	-0.77	-1.10	+0.33
20%	<b>-26.5</b>	<b>-26.0</b>	<b>-39.7</b>	<b>+22.40</b>	<b>+1.11</b>	<b>-0.43</b>	<b>-0.52</b>	<b>-0.88</b>	<b>+0.25</b>
30%	-17.5	-16.4	-28.9	+16.52	+0.82	-0.27	-0.33	-0.73	+0.20
50%	<b>-2.7</b>	<b>-0.4</b>	<b>-11.1</b>	<b>+6.79</b>	<b>+0.35</b>	<b>-0.02</b>	<b>-0.03</b>	<b>-0.47</b>	<b>+0.11</b>
70%	+12.1	+15.6	+6.7	-2.93	-0.13	+0.23	+0.26	-0.21	+0.02
80%	+21.0	+25.3	+17.5	-8.81	-0.41	+0.38	+0.45	-0.06	-0.03
90%	+33.5	+38.8	+32.5	-16.96	-0.81	+0.59	+0.70	+0.16	-0.10
95%	+43.7	+49.8	+44.8	-23.70	-1.14	+0.77	+0.90	+0.34	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	5	5	95	95	30	78
Number of sires	2100	2100	2100	268	268	3240	3240	1197	2565

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

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