

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

**NZGE October 2023**

**SIL GE# 40902**

Young rams

**2022**

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%	+2588	+289	+1476	+900	+0.034	+6.12	+3.45	+10.84	-0.998	+0.708	+0.308	+0.105	+0.335	+2.190	+1.658
10%	+2333	+249	+1328	+802	+0.030	+5.52	+3.10	+9.74	-0.860	+0.609	+0.264	+0.090	+0.287	+1.970	+1.410
20%	<b>+2025</b>	<b>+201</b>	<b>+1149</b>	<b>+683</b>	<b>+0.024</b>	<b>+4.78</b>	<b>+2.68</b>	<b>+8.40</b>	<b>-0.694</b>	<b>+0.490</b>	<b>+0.211</b>	<b>+0.072</b>	<b>+0.228</b>	<b>+1.704</b>	<b>+1.110</b>
30%	+1802	+166	+1020	+597	+0.020	+4.25	+2.37	+7.43	-0.574	+0.404	+0.173	+0.059	+0.186	+1.512	+0.893
50%	<b>+1435</b>	<b>+109</b>	<b>+807</b>	<b>+455</b>	<b>+0.013</b>	<b>+3.38</b>	<b>+1.86</b>	<b>+5.84</b>	<b>-0.375</b>	<b>+0.263</b>	<b>+0.110</b>	<b>+0.038</b>	<b>+0.117</b>	<b>+1.195</b>	<b>+0.535</b>
70%	+1067	+51	+593	+313	+0.006	+2.50	+1.36	+4.24	-0.176	+0.121	+0.047	+0.016	+0.047	+0.878	+0.177
80%	+845	+17	+464	+227	+0.002	+1.97	+1.05	+3.28	-0.056	+0.035	+0.008	+0.003	+0.005	+0.686	-0.040
90%	+536	-32	+285	+108	-0.004	+1.24	+0.63	+1.94	+0.110	-0.084	-0.045	-0.015	-0.054	+0.420	-0.340
95%	+282	-71	+137	+10	-0.008	+0.63	+0.28	+0.83	+0.248	-0.183	-0.089	-0.029	-0.102	+0.200	-0.588
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	106	143	175	115	143	175	175	175	115	115	115	115	115	115	115
Number of sires	20782	25154	29762	22429	25154	29762	29762	29762	22429	22429	22429	22429	22429	22429	22429

<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 - Young Rams Percentile Bands

**NZGE October 2023**

SIL GE # 40902

Young rams

**2022**

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%	+3245	+3394	+3809	+3617	+5264	+3297	+829	+1148	+2496	+196	+1806	+891	+204	+732	+2310	+89	+1006
10%	+2968	+3127	+3483	+3281	+4769	+3015	+736	+1014	+2260	+41	+1616	+763	+177	+595	+2014	+70	+849
20%	+2633	+2804	+3089	+2875	+4170	+2674	+623	+853	+1975	-147	+1387	+609	+144	+428	+1656	+47	+660
30%	+2391	+2570	+2805	+2582	+3738	+2428	+541	+736	+1769	-283	+1222	+497	+120	+308	+1398	+30	+523
40%	+2185	+2371	+2563	+2331	+3368	+2217	+471	+637	+1593	-398	+1081	+402	+100	+205	+1177	+16	+406
50%	+1992	+2185	+2336	+2097	+3023	+2021	+406	+544	+1428	-507	+949	+312	+81	+109	+971	+3	+296
60%	+1799	+1998	+2109	+1863	+2678	+1824	+341	+451	+1264	-615	+817	+223	+61	+13	+765	-10	+187
70%	+1593	+1799	+1866	+1612	+2309	+1614	+271	+351	+1088	-731	+676	+128	+41	-89	+544	-25	+70
80%	+1351	+1566	+1582	+1319	+1877	+1368	+190	+235	+882	-867	+510	+16	+17	-209	+286	-41	-67
90%	+1016	+1242	+1188	+912	+1278	+1026	+76	+73	+596	-1055	+281	-139	-16	-376	-72	-64	-257
95%	+740	+975	+863	+576	+783	+744	-17	-60	+361	-1210	+92	-266	-43	-514	-368	-83	-414
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Meat Yield	Reproduction, Lamb Growth, Adult size, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, 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	144	104	102	64	28	70	204	233	253	162	157	140	121	70	32	82	76
Number of sires	74998	58469	55399	31246	18731	43456	87090	92285	96194	81221	79378	62842	61868	32044	19864	45620	38448

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## NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE October 2023

SIL GE # 40902

Young Rams

2022

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%	+3394	+3952	+3753	+5432	+3953	+3418	+4181	+5669	+3897	+5900
10%	+3127	+3630	+3428	+4947	+3619	+3144	+3817	+5178	+3573	+5377
20%	+2804	+3241	+3035	+4359	+3215	+2812	+3375	+4583	+3180	+4742
30%	+2570	+2960	+2752	+3935	+2924	+2572	+3056	+4154	+2897	+4285
40%	+2371	+2720	+2510	+3572	+2675	+2367	+2784	+3788	+2655	+3894
50%	+2185	+2495	+2284	+3234	+2442	+2176	+2530	+3445	+2429	+3529
60%	+1998	+2271	+2057	+2895	+2210	+1985	+2276	+3103	+2202	+3164
70%	+1799	+2031	+1815	+2533	+1961	+1780	+2003	+2736	+1960	+2773
80%	+1566	+1750	+1532	+2109	+1670	+1541	+1685	+2307	+1677	+2316
90%	+1242	+1361	+1139	+1521	+1266	+1208	+1243	+1713	+1284	+1682
95%	+975	+1039	+815	+1035	+932	+934	+878	+1221	+960	+1158
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, Lamb Survival, Lamb Growth, Adult size, Wool, Body Condition	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Facial Eczema	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Dag	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	104	80	52	26	53	58	41	25	50	25
Number of sires	58469	47163	25915	17338	32193	38184	22536	17130	34526	17130

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## NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE October 2023

SIL GE# 40902

Young rams

2022

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%	+0.33	+0.048	+0.034	+5.25	+2.90	+9.10	+2.83	-1.24	-0.631	+0.455	+0.212	+0.096	+0.243	+1.420	+1.312	+0.568
10%	+0.29	+0.042	+0.029	+4.72	+2.62	+8.21	+2.52	-0.26	-0.502	+0.368	+0.173	+0.080	+0.200	+1.223	+1.052	+0.491
20%	<b>+0.24</b>	<b>+0.036</b>	<b>+0.023</b>	<b>+4.09</b>	<b>+2.28</b>	<b>+7.13</b>	<b>+2.14</b>	<b>+0.93</b>	<b>-0.346</b>	<b>+0.264</b>	<b>+0.126</b>	<b>+0.061</b>	<b>+0.147</b>	<b>+0.984</b>	<b>+0.736</b>	<b>+0.399</b>
30%	+0.21	+0.031	+0.019	+3.64	+2.04	+6.35	+1.87	+1.79	-0.233	+0.188	+0.092	+0.046	+0.109	+0.812	+0.509	+0.332
50%	<b>+0.15</b>	<b>+0.023</b>	<b>+0.011</b>	<b>+2.88</b>	<b>+1.63</b>	<b>+5.07</b>	<b>+1.42</b>	<b>+3.21</b>	<b>-0.047</b>	<b>+0.063</b>	<b>+0.036</b>	<b>+0.023</b>	<b>+0.047</b>	<b>+0.527</b>	<b>+0.133</b>	<b>+0.221</b>
70%	+0.09	+0.015	+0.004	+2.13	+1.22	+3.78	+0.97	+4.63	+0.139	-0.061	-0.020	-0.000	-0.016	+0.243	-0.243	+0.111
80%	+0.06	+0.011	-0.000	+1.67	+0.98	+3.00	+0.70	+5.48	+0.251	-0.137	-0.054	-0.014	-0.054	+0.071	-0.471	+0.044
90%	+0.01	+0.004	-0.006	+1.04	+0.64	+1.93	+0.32	+6.68	+0.408	-0.242	-0.102	-0.034	-0.107	-0.168	-0.786	-0.049
95%	-0.03	-0.001	-0.011	+0.51	+0.36	+1.04	+0.01	+7.66	+0.537	-0.328	-0.141	-0.050	-0.150	-0.365	-1.047	-0.126
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	204	233	233	253	253	253	253	162	140	140	140	140	140	140	140	121
Number of sires	87090	92285	92285	96194	96194	96194	96194	81221	62842	62842	62842	62842	62842	62842	62842	61868

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## NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE October 2023

SIL GE# 40902

Young rams

2022

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%	-36.6	-37.2	-54.5	+30.09	+1.33	-0.69	-0.78	-1.04	+0.31
10%	-29.3	-29.4	-45.5	+25.09	+1.10	-0.54	-0.61	-0.90	+0.26
20%	<b>-20.5</b>	<b>-20.0</b>	<b>-34.7</b>	<b>+19.04</b>	<b>+0.82</b>	<b>-0.37</b>	<b>-0.41</b>	<b>-0.74</b>	<b>+0.20</b>
30%	-14.1	-13.2	-26.9	+14.68	+0.61	-0.24	-0.27	-0.63	+0.16
50%	<b>-3.5</b>	<b>-1.9</b>	<b>-13.9</b>	<b>+7.46</b>	<b>+0.28</b>	<b>-0.03</b>	<b>-0.03</b>	<b>-0.44</b>	<b>+0.09</b>
70%	+7.0	+9.3	-1.0	+0.25	-0.06	+0.18	+0.21	-0.24	+0.02
80%	+13.4	+16.1	+6.8	-4.11	-0.26	+0.30	+0.36	-0.13	-0.02
90%	+22.2	+25.6	+17.6	-10.16	-0.54	+0.48	+0.56	+0.03	-0.08
95%	+29.5	+33.4	+26.6	-15.16	-0.77	+0.62	+0.72	+0.17	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	71	71	71	6	6	92	92	32	77
Number of sires	32152	32152	32152	7148	7148	49015	49015	19864	38556

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

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