

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

**NZGE September 2023**

**SIL GE# 40828**

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	LNLV	HQLV	CWY	EMAc <sup>1</sup>
5%	+2557	+277	+1466	+888	+0.033	+6.07	+3.43	+10.75	-0.985	+0.685	+0.299	+0.105	+0.328	+2.169	+1.649
10%	+2306	+238	+1319	+791	+0.028	+5.47	+3.08	+9.65	-0.850	+0.588	+0.256	+0.091	+0.280	+1.953	+1.401
20%	<b>+2002</b>	<b>+191</b>	<b>+1140</b>	<b>+674</b>	<b>+0.023</b>	<b>+4.74</b>	<b>+2.66</b>	<b>+8.32</b>	<b>-0.686</b>	<b>+0.472</b>	<b>+0.204</b>	<b>+0.072</b>	<b>+0.222</b>	<b>+1.691</b>	<b>+1.102</b>
30%	+1782	+157	+1012	+590	+0.019	+4.21	+2.35	+7.37	-0.568	+0.387	+0.167	+0.059	+0.180	+1.502	+0.886
50%	<b>+1420</b>	<b>+101</b>	<b>+800</b>	<b>+450</b>	<b>+0.012</b>	<b>+3.34</b>	<b>+1.85</b>	<b>+5.78</b>	<b>-0.372</b>	<b>+0.248</b>	<b>+0.104</b>	<b>+0.038</b>	<b>+0.111</b>	<b>+1.189</b>	<b>+0.529</b>
70%	+1058	+45	+587	+310	+0.005	+2.47	+1.35	+4.20	-0.177	+0.109	+0.042	+0.016	+0.042	+0.876	+0.172
80%	+838	+11	+459	+226	+0.001	+1.95	+1.04	+3.24	-0.059	+0.025	+0.005	+0.003	+0.001	+0.687	-0.044
90%	+534	-36	+281	+109	-0.004	+1.22	+0.62	+1.91	+0.105	-0.092	-0.047	-0.015	-0.057	+0.425	-0.344
95%	+283	-75	+134	+12	-0.009	+0.61	+0.27	+0.81	+0.240	-0.188	-0.090	-0.030	-0.105	+0.208	-0.591
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	104	143	174	113	143	174	174	174	113	113	113	113	113	113	113
Number of sires	20306	24937	29488	21953	24937	29488	29488	29488	21953	21953	21953	21953	21953	21953	21953

<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 September 2023**

**SIL GE # 40828**

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%	+3315	+3469	+3899	+3716	+5424	+3386	+827	+1162	+2503	+192	+1820	+885	+201	+713	+2337	+88	+1002
10%	+3034	+3200	+3570	+3363	+4903	+3097	+736	+1028	+2266	+38	+1630	+759	+175	+578	+2037	+69	+846
20%	+2694	+2874	+3171	+2935	+4273	+2745	+625	+866	+1979	-149	+1400	+607	+144	+416	+1675	+46	+657
30%	+2449	+2639	+2884	+2627	+3819	+2492	+546	+749	+1772	-284	+1234	+497	+122	+299	+1413	+30	+520
40%	+2240	+2438	+2639	+2364	+3431	+2276	+477	+649	+1594	-399	+1092	+403	+103	+199	+1190	+16	+403
50%	+2044	+2250	+2409	+2118	+3068	+2074	+414	+556	+1429	-507	+959	+315	+85	+105	+981	+3	+294
60%	+1849	+2063	+2180	+1871	+2705	+1872	+350	+463	+1264	-615	+827	+227	+67	+12	+772	-10	+185
70%	+1639	+1862	+1934	+1608	+2317	+1655	+282	+363	+1086	-730	+685	+133	+48	-88	+548	-24	+69
80%	+1394	+1627	+1647	+1300	+1863	+1402	+202	+246	+879	-865	+519	+23	+25	-206	+287	-41	-68
90%	+1055	+1301	+1249	+873	+1233	+1051	+92	+84	+592	-1052	+288	-129	-6	-368	-76	-63	-257
95%	+774	+1032	+920	+520	+713	+761	+1	-50	+355	-1206	+98	-255	-32	-502	-376	-82	-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	140	101	98	62	27	69	198	231	250	159	154	138	118	68	28	82	75
Number of sires	72482	55727	51646	30878	18502	41823	86213	91862	95678	78776	76933	59780	60468	31512	18568	45636	38116

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

**NZGE September 2023**

SIL GE # 40828

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%	+3469	+4014	+3856	+5572	+4057	+3498	+4272	+5806	+3973	+6049
10%	+3200	+3693	+3519	+5072	+3712	+3224	+3895	+5299	+3651	+5507
20%	+2874	+3306	+3110	+4467	+3293	+2891	+3438	+4685	+3260	+4850
30%	+2639	+3026	+2815	+4031	+2991	+2651	+3109	+4243	+2979	+4377
40%	+2438	+2787	+2563	+3658	+2733	+2446	+2828	+3865	+2738	+3973
50%	+2250	+2564	+2328	+3310	+2492	+2255	+2565	+3511	+2513	+3595
60%	+2063	+2341	+2092	+2961	+2250	+2063	+2302	+3158	+2288	+3217
70%	+1862	+2102	+1841	+2589	+1992	+1858	+2021	+2780	+2048	+2812
80%	+1627	+1822	+1546	+2152	+1690	+1618	+1692	+2337	+1766	+2339
90%	+1301	+1434	+1137	+1547	+1272	+1286	+1235	+1723	+1376	+1683
95%	+1032	+1114	+800	+1048	+926	+1011	+858	+1217	+1053	+1141
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	101	79	51	25	51	57	41	24	49	24
Number of sires	55727	45531	25683	17109	31096	36549	22547	16901	32891	16901

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

**NZGE September 2023**

SIL GE# 40828

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	+0.049	+0.033	+5.27	+2.90	+9.12	+2.85	-1.21	-0.622	+0.440	+0.207	+0.096	+0.238	+1.416	+1.287	+0.557
10%	+0.29	+0.043	+0.029	+4.74	+2.62	+8.22	+2.53	-0.24	-0.496	+0.357	+0.170	+0.080	+0.196	+1.219	+1.031	+0.485
20%	<b>+0.24</b>	<b>+0.036</b>	<b>+0.023</b>	<b>+4.11</b>	<b>+2.28</b>	<b>+7.14</b>	<b>+2.15</b>	<b>+0.95</b>	<b>-0.344</b>	<b>+0.257</b>	<b>+0.124</b>	<b>+0.061</b>	<b>+0.145</b>	<b>+0.982</b>	<b>+0.720</b>	<b>+0.399</b>
30%	+0.21	+0.032	+0.019	+3.65	+2.03	+6.36	+1.87	+1.80	-0.235	+0.185	+0.091	+0.047	+0.109	+0.810	+0.496	+0.336
50%	<b>+0.15</b>	<b>+0.024</b>	<b>+0.012</b>	<b>+2.89</b>	<b>+1.63</b>	<b>+5.07</b>	<b>+1.42</b>	<b>+3.21</b>	<b>-0.053</b>	<b>+0.066</b>	<b>+0.037</b>	<b>+0.024</b>	<b>+0.049</b>	<b>+0.527</b>	<b>+0.126</b>	<b>+0.232</b>
70%	+0.10	+0.016	+0.005	+2.13	+1.22	+3.78	+0.96	+4.62	+0.128	-0.053	-0.017	+0.002	-0.012	+0.244	-0.244	+0.128
80%	+0.06	+0.011	+0.000	+1.67	+0.98	+3.00	+0.69	+5.47	+0.238	-0.125	-0.049	-0.012	-0.048	+0.072	-0.468	+0.066
90%	+0.02	+0.005	-0.005	+1.03	+0.64	+1.92	+0.30	+6.66	+0.390	-0.225	-0.095	-0.031	-0.099	-0.166	-0.778	-0.021
95%	-0.02	-0.001	-0.010	+0.51	+0.36	+1.03	-0.01	+7.63	+0.515	-0.308	-0.132	-0.047	-0.140	-0.362	-1.035	-0.093
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	198	231	231	250	250	250	250	159	138	138	138	138	138	138	138	118
Number of sires	86213	91862	91862	95678	95678	95678	95678	78776	59780	59780	59780	59780	59780	59780	59780	60468

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

NZGE September 2023

SIL GE# 40828

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%	-35.2	-35.8	-54.0	+29.97	+1.32	-0.68	-0.77	-1.05	+0.30
10%	-28.2	-28.2	-45.2	+25.23	+1.09	-0.54	-0.60	-0.91	+0.26
20%	<b>-19.6</b>	<b>-19.0</b>	<b>-34.5</b>	<b>+19.49</b>	<b>+0.81</b>	<b>-0.36</b>	<b>-0.41</b>	<b>-0.75</b>	<b>+0.20</b>
30%	-13.4	-12.4	-26.8	+15.35	+0.61	-0.24	-0.26	-0.63	+0.16
50%	<b>-3.2</b>	<b>-1.5</b>	<b>-14.1</b>	<b>+8.51</b>	<b>+0.28</b>	<b>-0.03</b>	<b>-0.03</b>	<b>-0.44</b>	<b>+0.09</b>
70%	+7.0	+9.4	-1.4	+1.67	-0.05	+0.18	+0.21	-0.25	+0.02
80%	+13.1	+16.0	+6.3	-2.46	-0.25	+0.30	+0.35	-0.13	-0.02
90%	+21.7	+25.2	+16.9	-8.20	-0.53	+0.47	+0.55	+0.03	-0.08
95%	+28.8	+32.7	+25.7	-12.94	-0.76	+0.62	+0.71	+0.17	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	92	92	28	76
Number of sires	31620	31620	31620	7146	7146	49028	49028	18568	38224

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

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