

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

**NZGE May 2024**

**SIL GE# 41615**

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	HQLY	CWY	EMAc <sup>1</sup>
5%	+2524	+297	+1413	+886	+0.035	+5.90	+3.30	+10.39	-1.016	+0.714	+0.308	+0.100	+0.335	+2.160	+1.675
10%	+2276	+256	+1269	+789	+0.030	+5.31	+2.95	+9.31	-0.876	+0.614	+0.263	+0.085	+0.285	+1.943	+1.422
20%	<b>+1975</b>	<b>+205</b>	<b>+1095</b>	<b>+671</b>	<b>+0.024</b>	<b>+4.59</b>	<b>+2.54</b>	<b>+8.00</b>	<b>-0.707</b>	<b>+0.494</b>	<b>+0.209</b>	<b>+0.067</b>	<b>+0.226</b>	<b>+1.681</b>	<b>+1.116</b>
30%	+1758	+169	+969	+587	+0.020	+4.07	+2.24	+7.06	-0.585	+0.407	+0.170	+0.055	+0.183	+1.492	+0.894
50%	<b>+1400</b>	<b>+109</b>	<b>+761</b>	<b>+447</b>	<b>+0.013</b>	<b>+3.22</b>	<b>+1.75</b>	<b>+5.51</b>	<b>-0.383</b>	<b>+0.263</b>	<b>+0.106</b>	<b>+0.033</b>	<b>+0.112</b>	<b>+1.179</b>	<b>+0.529</b>
70%	+1042	+49	+554	+307	+0.006	+2.36	+1.26	+3.95	-0.181	+0.119	+0.041	+0.012	+0.041	+0.866	+0.163
80%	+825	+13	+428	+222	+0.002	+1.84	+0.96	+3.01	-0.059	+0.032	+0.002	-0.001	-0.002	+0.677	-0.058
90%	+524	-37	+254	+105	-0.004	+1.12	+0.55	+1.71	+0.110	-0.088	-0.052	-0.019	-0.062	+0.415	-0.364
95%	+276	-78	+110	+8	-0.009	+0.53	+0.21	+0.63	+0.250	-0.188	-0.096	-0.034	-0.111	+0.198	-0.618
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	108	146	189	127	146	189	189	189	127	127	127	127	127	127	127
Number of young rams	21427	26485	31038	24023	26485	31038	31038	31038	24023	24023	24023	24023	24023	24023	24023

<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 May 2024**

SIL GE # 41615

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%	+3247	+3443	+3821	+3611	+5270	+3289	+830	+1123	+2436	+244	+1813	+857	+204	+736	+2336	+86	+1000
10%	+2959	+3154	+3479	+3269	+4751	+3000	+736	+989	+2202	+88	+1620	+732	+177	+597	+2037	+67	+843
20%	+2611	+2804	+3065	+2856	+4123	+2651	+623	+827	+1918	-100	+1388	+581	+144	+429	+1675	+44	+653
30%	+2360	+2552	+2767	+2558	+3670	+2399	+541	+710	+1713	-236	+1220	+472	+120	+308	+1413	+28	+516
40%	+2145	+2336	+2512	+2303	+3283	+2184	+471	+611	+1538	-352	+1076	+379	+99	+204	+1190	+13	+400
50%	+1944	+2134	+2274	+2065	+2921	+1983	+406	+517	+1375	-461	+942	+292	+80	+108	+982	+0	+290
60%	+1744	+1933	+2035	+1827	+2559	+1782	+340	+424	+1212	-569	+808	+205	+61	+11	+773	-13	+181
70%	+1529	+1717	+1780	+1573	+2172	+1566	+271	+324	+1037	-685	+665	+112	+40	-93	+550	-27	+64
80%	+1278	+1465	+1482	+1275	+1719	+1315	+189	+207	+832	-821	+497	+3	+16	-214	+289	-44	-73
90%	+929	+1114	+1068	+862	+1091	+965	+75	+46	+548	-1009	+264	-148	-17	-382	-74	-67	-262
95%	+641	+825	+727	+520	+572	+677	-18	-88	+314	-1165	+72	-273	-45	-521	-373	-86	-419
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	90	98	64	28	71	202	231	258	165	162	138	107	69	30	86	78
Number of young rams	73668	53095	52897	30887	18849	42959	86293	93029	97778	80043	78250	61933	56699	31707	19147	47525	39466

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

**NZGE May 2024**

SIL GE # 41615

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%	+3443	+3997	+3803	+5496	+3969	+3432	+4230	+5782	+3918	+6001
10%	+3154	+3659	+3466	+4977	+3627	+3147	+3852	+5272	+3582	+5461
20%	+2804	+3250	+3058	+4349	+3212	+2803	+3394	+4655	+3176	+4807
30%	+2552	+2955	+2763	+3896	+2913	+2555	+3063	+4210	+2883	+4336
40%	+2336	+2704	+2512	+3509	+2658	+2343	+2781	+3830	+2633	+3933
50%	+2134	+2468	+2276	+3147	+2419	+2145	+2517	+3475	+2399	+3556
60%	+1933	+2233	+2041	+2785	+2181	+1947	+2253	+3120	+2165	+3180
70%	+1717	+1981	+1790	+2398	+1925	+1735	+1971	+2740	+1915	+2777
80%	+1465	+1686	+1495	+1944	+1627	+1486	+1641	+2295	+1622	+2306
90%	+1114	+1277	+1087	+1316	+1212	+1142	+1183	+1678	+1215	+1652
95%	+825	+939	+750	+797	+870	+858	+805	+1169	+880	+1112
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	90	69	47	24	49	52	39	22	46	22
Number of young rams	53095	42683	23516	16363	30305	35832	21063	15207	32666	15207

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

NZGE May 2024

SIL GE# 41615

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	+0.047	+0.034	+5.08	+2.82	+8.85	+2.88	-1.54	-0.628	+0.449	+0.211	+0.093	+0.241	+1.374	+1.305	+0.568
10%	+0.29	+0.041	+0.029	+4.57	+2.54	+7.96	+2.56	-0.56	-0.499	+0.364	+0.172	+0.077	+0.198	+1.179	+1.042	+0.491
20%	<b>+0.24</b>	<b>+0.035</b>	<b>+0.023</b>	<b>+3.94</b>	<b>+2.21</b>	<b>+6.89</b>	<b>+2.17</b>	<b>+0.64</b>	<b>-0.343</b>	<b>+0.261</b>	<b>+0.126</b>	<b>+0.058</b>	<b>+0.146</b>	<b>+0.941</b>	<b>+0.724</b>	<b>+0.397</b>
30%	+0.21	+0.030	+0.018	+3.49	+1.96	+6.12	+1.89	+1.49	-0.230	+0.187	+0.092	+0.044	+0.108	+0.770	+0.494	+0.330
50%	<b>+0.15</b>	<b>+0.022</b>	<b>+0.011</b>	<b>+2.75</b>	<b>+1.56</b>	<b>+4.85</b>	<b>+1.42</b>	<b>+2.92</b>	<b>-0.043</b>	<b>+0.065</b>	<b>+0.036</b>	<b>+0.021</b>	<b>+0.046</b>	<b>+0.488</b>	<b>+0.115</b>	<b>+0.219</b>
70%	+0.09	+0.014	+0.004	+2.00	+1.16	+3.57	+0.96	+4.34	+0.143	-0.058	-0.019	-0.002	-0.016	+0.205	-0.265	+0.108
80%	+0.06	+0.009	-0.001	+1.55	+0.91	+2.80	+0.68	+5.20	+0.256	-0.132	-0.053	-0.016	-0.054	+0.034	-0.494	+0.041
90%	+0.01	+0.003	-0.007	+0.93	+0.57	+1.73	+0.29	+6.39	+0.412	-0.235	-0.100	-0.035	-0.106	-0.203	-0.813	-0.053
95%	-0.03	-0.003	-0.012	+0.42	+0.30	+0.84	-0.04	+7.37	+0.542	-0.320	-0.138	-0.051	-0.149	-0.399	-1.076	-0.130
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	202	231	231	258	258	258	258	165	138	138	138	138	138	138	138	107
Number of young rams	86293	93029	93029	97778	97778	97778	97778	80043	61933	61933	61933	61933	61933	61933	61933	56699

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

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

NZGE May 2024

SIL GE# 41615

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%	-36.8	-37.6	-54.9	+28.49	+1.25	-0.68	-0.76	-1.05	+0.30
10%	-29.5	-29.7	-45.7	+23.43	+1.02	-0.53	-0.59	-0.91	+0.26
20%	<b>-20.7</b>	<b>-20.2</b>	<b>-34.6</b>	<b>+17.31</b>	<b>+0.73</b>	<b>-0.35</b>	<b>-0.39</b>	<b>-0.75</b>	<b>+0.20</b>
30%	-14.3	-13.3	-26.6	+12.90	+0.53	-0.22	-0.25	-0.63	+0.16
50%	<b>-3.7</b>	<b>-2.0</b>	<b>-13.3</b>	<b>+5.61</b>	<b>+0.19</b>	<b>-0.01</b>	<b>-0.01</b>	<b>-0.44</b>	<b>+0.09</b>
70%	+6.8	+9.4	-0.1	-1.69	-0.14	+0.20	+0.23	-0.25	+0.02
80%	+13.2	+16.3	+7.9	-6.10	-0.35	+0.33	+0.37	-0.13	-0.02
90%	+22.0	+25.8	+19.0	-12.22	-0.63	+0.51	+0.57	+0.03	-0.08
95%	+29.3	+33.6	+28.2	-17.27	-0.86	+0.66	+0.73	+0.17	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	6	6	97	97	30	79
Number of young rams	31822	31822	31822	7151	7151	51089	51089	19147	39580

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

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