

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

**NZGE April 2020**

SIL GE# 37488

Rams born in **2018**

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%	+2080	+215	+1139	+818	+0.035	+5.87	+3.23	+10.32	-1.029	+0.776	+0.337	+0.118	+0.357	+2.121	+1.677
10%	+1902	+185	+1033	+735	+0.030	+5.33	+2.93	+9.34	-0.901	+0.675	+0.290	+0.102	+0.307	+1.921	+1.444
20%	<b>+1687</b>	<b>+149</b>	<b>+905</b>	<b>+634</b>	<b>+0.025</b>	<b>+4.68</b>	<b>+2.56</b>	<b>+8.16</b>	<b>-0.746</b>	<b>+0.552</b>	<b>+0.234</b>	<b>+0.083</b>	<b>+0.248</b>	<b>+1.679</b>	<b>+1.162</b>
30%	+1532	+123	+813	+561	+0.020	+4.21	+2.30	+7.31	-0.634	+0.464	+0.193	+0.070	+0.204	+1.504	+0.959
50%	<b>+1275</b>	<b>+81</b>	<b>+661</b>	<b>+441</b>	<b>+0.013</b>	<b>+3.43</b>	<b>+1.86</b>	<b>+5.89</b>	<b>-0.449</b>	<b>+0.318</b>	<b>+0.126</b>	<b>+0.048</b>	<b>+0.133</b>	<b>+1.215</b>	<b>+0.623</b>
70%	+1019	+38	+508	+321	+0.006	+2.66	+1.42	+4.48	-0.265	+0.172	+0.059	+0.026	+0.062	+0.926	+0.287
80%	+864	+12	+416	+248	+0.002	+2.19	+1.15	+3.63	-0.153	+0.084	+0.018	+0.012	0.000	0.000	+0.083
90%	+649	-24	+289	+147	-0.004	+1.53	+0.79	+2.44	+0.002	-0.039	-0.038	-0.007	-0.041	+0.508	-0.198
95%	+471	-53	+183	+64	-0.009	+1.00	+0.48	+1.46	+0.130	-0.140	-0.085	-0.022	-0.090	+0.308	-0.431
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	94	134	168	108	134	168	168	168	108	108	108	108	108	108	108
Number of rams	19094	23173	26526	20568	23173	26526	26526	26526	20568	20568	20568	20568	20568	20568	20568

<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))

Definitions of SIL BVs & indexes are given in documents on the SIL website



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# NZGE Indexes - Dual Purpose - Young Ram Percentile Bands

**NZGE April 2020**

**SIL GE # 37488**

Rams born in **2018**

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%	+3000	+3565	+3198	+5044	+3065	+737	+804	+2207	+168	+1595	+838	+381	+649	+2368	+89	+513
10%	+2738	+3251	+2946	+4645	+2788	+647	+708	+2000	+28	+1431	+717	+335	+509	+2083	+72	+433
20%	+2420	+2870	+2640	+4161	+2453	+538	+591	+1750	-141	+1233	+572	+278	+340	+1739	+52	+337
30%	+2191	+2596	+2420	+3812	+2212	+460	+506	+1570	-263	+1090	+466	+237	+218	+1491	+37	+268
40%	+1996	+2361	+2231	+3514	+2005	+393	+434	+1416	-367	+968	+377	+202	+113	+1279	+24	+209
50%	+1813	+2142	+2055	+3236	+1812	+330	+367	+1272	-464	+854	+293	+170	+16	+1081	+13	+153
60%	+1630	+1923	+1879	+2957	+1619	+267	+299	+1128	-561	+740	+209	+137	-82	+882	+1	+98
70%	+1434	+1688	+1691	+2659	+1413	+200	+227	+974	-666	+618	+119	+102	-186	+670	-11	+39
80%	+1205	+1414	+1470	+2310	+1171	+121	+143	+794	-787	+475	+14	+62	-308	+422	-26	-30
90%	+888	+1033	+1165	+1827	+836	+12	+26	+544	-956	+277	-132	+5	-478	+78	-46	-127
95%	+625	+719	+912	+1427	+560	-77	-70	+337	-1096	+114	-253	-42	-618	-206	-63	-206
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	121	90	36	23	24	207	237	257	157	157	148	148	42	25	31	45
Number of rams	69346	49250	20312	13517	16083	91052	94276	98929	79736	79736	58255	76397	21980	14359	17431	37762

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# NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

**NZGE April 2020**

SIL GE# 37488

Rams born in

**2018**

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	LNLV	HQLV	CWV	EMAc <sup>1</sup>	FW12
5%	+0.32	+0.046	+0.032	+5.09	+2.81	+9.00	+2.67	-1.14	-0.635	+0.509	+0.234	+0.097	+0.259	+1.313	+1.239	+0.653
10%	+0.28	+0.040	+0.027	+4.60	+2.55	+8.14	+2.35	-0.19	-0.511	+0.415	+0.192	+0.081	+0.212	+1.132	+0.996	+0.573
20%	<b>+0.23</b>	<b>+0.034</b>	<b>+0.021</b>	<b>+4.01</b>	<b>+2.22</b>	<b>+7.10</b>	<b>+1.97</b>	<b>+0.96</b>	<b>-0.360</b>	<b>+0.301</b>	<b>+0.141</b>	<b>+0.061</b>	<b>+0.155</b>	<b>+0.913</b>	<b>+0.700</b>	<b>+0.477</b>
30%	+0.19	+0.029	+0.017	+3.58	+1.99	+6.35	+1.70	+1.79	-0.252	+0.219	+0.103	+0.047	+0.114	+0.756	+0.488	+0.407
50%	<b>+0.14</b>	<b>+0.021</b>	<b>+0.010</b>	<b>+2.88</b>	<b>+1.60</b>	<b>+5.11</b>	<b>+1.24</b>	<b>+3.16</b>	<b>-0.072</b>	<b>+0.084</b>	<b>+0.042</b>	<b>+0.023</b>	<b>+0.047</b>	<b>+0.495</b>	<b>+0.136</b>	<b>+0.293</b>
70%	+0.08	+0.013	+0.003	+2.17	+1.21	+3.87	+0.79	+4.53	+0.108	-0.052	-0.019	-0.001	-0.021	+0.233	-0.216	+0.178
80%	+0.04	+0.008	-0.001	+1.74	+0.98	+3.11	+0.52	+5.36	+0.216	-0.134	-0.056	-0.015	-0.062	+0.076	-0.428	+0.108
90%	-0.01	+0.002	-0.007	+1.15	+0.65	+2.07	+0.14	+6.51	+0.367	-0.248	-0.107	-0.035	-0.119	-0.143	-0.724	+0.012
95%	-0.05	-0.004	-0.012	+0.66	+0.39	+1.21	-0.18	+7.46	+0.491	-0.341	-0.150	-0.051	-0.166	-0.324	-0.967	-0.068
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	207	237	237	257	257	257	257	157	148	148	148	148	148	148	148	148
Number of rams	91052	94276	94276	98929	98929	98929	98929	79736	58255	58255	58255	58255	58255	58255	58255	76397

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

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# NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE April 2020

SIL GE# 37488

Rams born in

2018

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%	-40.5	-50.0	-60.7	+54.64	+1.02	-0.75	-0.76	-1.22	+0.28
10%	-31.3	-37.8	-50.0	+47.31	+0.81	-0.62	-0.61	-1.07	+0.24
20%	<b>-20.2</b>	<b>-23.0</b>	<b>-37.1</b>	<b>+38.43</b>	<b>+0.54</b>	<b>-0.45</b>	<b>-0.44</b>	<b>-0.89</b>	<b>+0.18</b>
30%	-12.1	-12.3	-27.9	+32.03	+0.35	-0.32	-0.31	-0.77	+0.15
50%	<b>+1.2</b>	<b>+5.3</b>	<b>-12.5</b>	<b>+21.45</b>	<b>+0.04</b>	<b>-0.12</b>	<b>-0.11</b>	<b>-0.56</b>	<b>+0.09</b>
70%	+14.5	+22.9	+2.8	+10.87	-0.27	+0.08	+0.10	-0.34	+0.02
80%	+22.5	+33.6	+12.1	+4.47	-0.46	+0.20	+0.23	-0.22	-0.01
90%	+33.7	+48.3	+25.0	-4.40	-0.73	+0.37	+0.40	-0.04	-0.06
95%	+42.9	+60.5	+35.6	-11.73	-0.95	+0.51	+0.55	+0.11	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	43	43	43	4	4	37	37	25	59
Number of rams	21980	21980	21980	1427	1427	20286	20286	14359	39161

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

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