

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

**NZGE April 2022**

SIL GE# 39348

Rams born in **2020**

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%	+2033	+191	+1143	+786	+0.031	+5.88	+3.25	+10.32	-1.019	+0.734	+0.319	+0.102	+0.335	+2.045	+1.760
10%	+1843	+162	+1030	+705	+0.027	+5.31	+2.92	+9.28	-0.889	+0.636	+0.275	+0.087	+0.288	+1.851	+1.508
20%	<b>+1612</b>	<b>+127</b>	<b>+894</b>	<b>+606</b>	<b>+0.021</b>	<b>+4.62</b>	<b>+2.53</b>	<b>+8.02</b>	<b>-0.731</b>	<b>+0.517</b>	<b>+0.221</b>	<b>+0.069</b>	<b>+0.231</b>	<b>+1.616</b>	<b>+1.204</b>
30%	+1446	+102	+795	+534	+0.017	+4.12	+2.25	+7.11	-0.617	+0.431	+0.183	+0.057	+0.190	+1.446	+0.984
50%	<b>+1171</b>	<b>+61</b>	<b>+633</b>	<b>+416</b>	<b>+0.010</b>	<b>+3.29</b>	<b>+1.78</b>	<b>+5.61</b>	<b>-0.428</b>	<b>+0.290</b>	<b>+0.119</b>	<b>+0.036</b>	<b>+0.121</b>	<b>+1.166</b>	<b>+0.621</b>
70%	+897	+20	+470	+298	+0.003	+2.46	+1.31	+4.11	-0.240	+0.148	+0.055	+0.015	+0.053	+0.886	+0.257
80%	+731	-5	+372	+227	-0.001	+1.96	+1.03	+3.20	-0.126	+0.062	+0.016	+0.002	+0.012	+0.717	+0.037
90%	+500	-40	+235	+128	-0.007	+1.27	+0.63	+1.94	+0.032	-0.057	-0.037	-0.016	-0.045	+0.482	-0.267
95%	+310	-69	+123	+46	-0.011	+0.70	+0.31	+0.90	+0.162	-0.155	-0.081	-0.031	-0.093	+0.288	-0.519
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	140	184	120	140	184	184	184	120	120	120	120	120	120	120
Number of rams	20536	23827	28712	22649	23827	28712	28712	28712	22649	22649	22649	22649	22649	22649	22649

<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)  
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# NZGE Indexes - Dual Purpose - Young Ram Percentile Bands

NZGE April 2022

SIL GE # 39348

Rams born in 2020

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%	+3006	+3488	+3239	+4799	+3024	+758	+840	+2255	+174	+1638	+850	+348	+535	+2109	+81	+544
10%	+2749	+3183	+2986	+4431	+2754	+666	+738	+2038	+32	+1467	+723	+303	+419	+1856	+63	+459
20%	+2438	+2815	+2679	+3986	+2427	+555	+614	+1775	-140	+1259	+569	+248	+279	+1551	+42	+356
30%	+2213	+2549	+2457	+3665	+2191	+475	+525	+1586	-264	+1110	+458	+209	+177	+1331	+26	+282
40%	+2021	+2322	+2268	+3391	+1990	+406	+449	+1424	-370	+982	+363	+176	+91	+1143	+13	+218
50%	+1841	+2109	+2091	+3134	+1802	+343	+378	+1273	-469	+862	+274	+144	+10	+967	+0	+159
60%	+1662	+1897	+1915	+2878	+1613	+279	+307	+1122	-568	+743	+185	+113	-71	+791	-12	+99
70%	+1470	+1670	+1725	+2603	+1412	+210	+230	+960	-674	+615	+90	+80	-158	+603	-25	+36
80%	+1245	+1404	+1504	+2282	+1176	+130	+141	+771	-798	+465	-21	+40	-259	+383	-41	-39
90%	+934	+1035	+1197	+1837	+849	+19	+18	+508	-970	+257	-175	-14	-400	+77	-62	-142
95%	+676	+730	+943	+1469	+579	-72	-85	+291	-1112	+86	-302	-59	-516	-175	-80	-227
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	116	84	47	29	47	223	251	280	177	177	150	138	62	38	61	77
Number of rams	63782	48097	26684	16902	36220	85831	91073	96245	77515	77515	60453	69989	30338	20797	41267	36714

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# NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

**NZGE April 2022**

SIL GE# 39348

Rams born in

**2020**

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	+0.045	+0.034	+5.14	+2.85	+8.97	+2.85	-1.18	-0.637	+0.487	+0.231	+0.090	+0.248	+1.370	+1.265	+0.531
10%	+0.29	+0.040	+0.029	+4.63	+2.57	+8.09	+2.52	-0.22	-0.502	+0.393	+0.188	+0.074	+0.202	+1.173	+1.003	+0.462
20%	<b>+0.24</b>	<b>+0.033</b>	<b>+0.023</b>	<b>+4.00</b>	<b>+2.23</b>	<b>+7.02</b>	<b>+2.13</b>	<b>+0.95</b>	<b>-0.337</b>	<b>+0.279</b>	<b>+0.136</b>	<b>+0.054</b>	<b>+0.146</b>	<b>+0.934</b>	<b>+0.686</b>	<b>+0.378</b>
30%	+0.20	+0.028	+0.019	+3.55	+1.98	+6.25	+1.85	+1.80	-0.219	+0.196	+0.099	+0.041	+0.106	+0.761	+0.458	+0.318
50%	<b>+0.14</b>	<b>+0.021</b>	<b>+0.011</b>	<b>+2.80</b>	<b>+1.58</b>	<b>+4.97</b>	<b>+1.39</b>	<b>+3.19</b>	<b>-0.023</b>	<b>+0.060</b>	<b>+0.037</b>	<b>+0.018</b>	<b>+0.040</b>	<b>+0.476</b>	<b>+0.080</b>	<b>+0.218</b>
70%	+0.08	+0.013	+0.004	+2.05	+1.17	+3.70	+0.92	+4.58	+0.174	-0.076	-0.025	-0.005	-0.026	+0.191	-0.299	+0.118
80%	+0.05	+0.008	-0.000	+1.60	+0.93	+2.93	+0.64	+5.43	+0.292	-0.158	-0.063	-0.019	-0.066	+0.018	-0.527	+0.058
90%	-0.00	+0.001	-0.006	+0.97	+0.59	+1.86	+0.25	+6.60	+0.457	-0.272	-0.115	-0.039	-0.121	-0.221	-0.844	-0.026
95%	-0.04	-0.004	-0.011	+0.46	+0.31	+0.97	-0.08	+7.56	+0.592	-0.367	-0.158	-0.054	-0.167	-0.419	-1.106	-0.095
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	223	251	251	280	280	280	280	177	150	150	150	150	150	150	150	138
Number of rams	85831	91073	91073	96245	96245	96245	96245	77515	60453	60453	60453	60453	60453	60453	60453	69989

<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 2022

SIL GE# 39348

Rams born in

2020

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%	-33.9	-36.0	-53.2	+26.85	+1.34	-0.69	-0.77	-1.08	+0.28
10%	-25.8	-27.4	-43.6	+22.25	+1.10	-0.55	-0.60	-0.95	+0.24
20%	<b>-16.0</b>	<b>-17.0</b>	<b>-32.1</b>	<b>+16.67</b>	<b>+0.82</b>	<b>-0.37</b>	<b>-0.39</b>	<b>-0.80</b>	<b>+0.18</b>
30%	-9.0	-9.5	-23.7	+12.65	+0.62	-0.24	-0.25	-0.68	+0.15
50%	<b>+2.7</b>	<b>+2.9</b>	<b>-9.9</b>	<b>+6.01</b>	<b>+0.28</b>	<b>-0.04</b>	<b>-0.00</b>	<b>-0.50</b>	<b>+0.08</b>
70%	+14.4	+15.4	+3.9	-0.64	-0.06	+0.17	+0.24	-0.31	+0.02
80%	+21.4	+22.9	+12.2	-4.66	-0.26	+0.30	+0.39	-0.20	-0.02
90%	+31.2	+33.3	+23.8	-10.23	-0.54	+0.47	+0.60	-0.04	-0.07
95%	+39.3	+41.9	+33.3	-14.83	-0.77	+0.62	+0.77	+0.09	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	63	63	63	4	4	68	68	38	78
Number of rams	30445	30445	30445	6599	6599	44371	44371	20797	37128

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

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