

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

**NZGE February 2021**

SIL GE# 38145

Rams born in **2019**

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%	+2147	+227	+1174	+845	+0.037	+6.04	+3.33	+10.72	-1.108	+0.845	+0.381	+0.106	+0.372	+2.147	+1.635	
10%	+1957	+197	+1063	+759	+0.032	+5.48	+3.02	+9.69	-0.972	+0.736	+0.329	+0.092	+0.321	+1.947	+1.401	
20%	<b>+1728</b>	<b>+160</b>	<b>+930</b>	<b>+655</b>	<b>+0.026</b>	<b>+4.79</b>	<b>+2.63</b>	<b>+8.46</b>	<b>-0.808</b>	<b>+0.603</b>	<b>+0.267</b>	<b>+0.074</b>	<b>+0.258</b>	<b>+1.704</b>	<b>+1.117</b>	
30%	+1562	+133	+834	+580	+0.022	+4.30	+2.36	+7.56	-0.690	+0.508	+0.222	+0.061	+0.214	+1.529	+0.912	
50%	<b>+1288</b>	<b>+90</b>	<b>+675</b>	<b>+456</b>	<b>+0.015</b>	<b>+3.49</b>	<b>+1.90</b>	<b>+6.08</b>	<b>-0.494</b>	<b>+0.351</b>	<b>+0.148</b>	<b>+0.040</b>	<b>+0.139</b>	<b>+1.239</b>	<b>+0.574</b>	
70%	+1014	+46	+516	+332	+0.008	+2.68	+1.44	+4.61	-0.299	+0.193	+0.074	+0.019	+0.065	+0.950	+0.236	
80%	+849	+19	+420	+257	+0.003	+2.18	+1.17	+3.71	-0.181	+0.098	+0.029	+0.006	0.000	0.000	+0.032	
90%	+619	-18	+286	+153	-0.003	+1.50	+0.78	+2.48	-0.017	-0.035	-0.033	-0.012	-0.042	+0.531	-0.252	
95%	+429	-48	+176	+67	-0.008	+0.94	+0.47	+1.45	+0.119	-0.144	-0.085	-0.026	-0.094	+0.331	-0.486	
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	103	135	164	117	135	164	164	164	117	117	117	117	117	117	117	
Number of rams	19293	22626	25417	20467	22626	25417	25417	25417	20467	20467	20467	20467	20467	20467	20467	

<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 February 2021**

**SIL GE # 38145**

Rams born in **2019**

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%	+3012	+3520	+3161	+4830	+3009	+733	+810	+2262	+181	+1614	+851	+341	+600	+2152	+82	+509
10%	+2744	+3210	+2914	+4446	+2728	+644	+713	+2040	+39	+1440	+723	+297	+473	+1888	+65	+429
20%	+2420	+2835	+2616	+3981	+2388	+536	+596	+1772	-134	+1229	+569	+244	+320	+1569	+45	+332
30%	+2187	+2565	+2401	+3645	+2143	+458	+511	+1578	-258	+1076	+457	+205	+209	+1339	+30	+262
40%	+1987	+2334	+2217	+3359	+1933	+392	+439	+1413	-364	+946	+361	+172	+114	+1142	+17	+202
50%	+1801	+2118	+2045	+3091	+1737	+330	+371	+1258	-463	+825	+272	+141	+25	+958	+6	+147
60%	+1614	+1902	+1873	+2823	+1541	+268	+304	+1104	-562	+703	+183	+110	-63	+774	-6	+91
70%	+1415	+1671	+1689	+2537	+1332	+201	+231	+939	-668	+573	+88	+77	-158	+577	-19	+31
80%	+1181	+1400	+1474	+2202	+1087	+124	+147	+745	-792	+421	-24	+39	-269	+347	-33	-38
90%	+858	+1025	+1175	+1737	+747	+16	+29	+477	-964	+209	-179	-15	-423	+28	-54	-135
95%	+590	+715	+929	+1353	+466	-73	-68	+255	-1106	+35	-307	-59	-550	-236	-70	-215
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	117	95	41	27	34	213	248	272	168	168	160	146	45	31	41	67
Number of rams	66656	53287	21574	15966	19851	91255	96558	102032	79588	79588	63401	75196	22542	16994	21500	39995

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# NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

**NZGE February 2021**

SIL GE# 38145

Rams born in

**2019**

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LWg <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLy	HQLY	CWY	EMAc <sup>1</sup>	FW12
5%	+0.32	+0.045	+0.032	+5.16	+2.87	+9.09	+2.78	-1.23	-0.692	+0.585	+0.275	+0.091	+0.274	+1.321	+1.182	+0.521
10%	+0.28	+0.040	+0.027	+4.64	+2.59	+8.19	+2.45	-0.26	-0.549	+0.471	+0.222	+0.076	+0.224	+1.131	+0.944	+0.453
20%	<b>+0.23</b>	<b>+0.033</b>	<b>+0.022</b>	<b>+4.01</b>	<b>+2.24</b>	<b>+7.10</b>	<b>+2.05</b>	<b>+0.91</b>	<b>-0.376</b>	<b>+0.332</b>	<b>+0.159</b>	<b>+0.057</b>	<b>+0.162</b>	<b>+0.900</b>	<b>+0.657</b>	<b>+0.370</b>
30%	+0.19	+0.028	+0.018	+3.55	+1.99	+6.32	+1.76	+1.75	-0.251	+0.232	+0.113	+0.044	+0.118	+0.733	+0.449	+0.311
50%	<b>+0.14</b>	<b>+0.021</b>	<b>+0.011</b>	<b>+2.80</b>	<b>+1.58</b>	<b>+5.02</b>	<b>+1.28</b>	<b>+3.15</b>	<b>-0.044</b>	<b>+0.067</b>	<b>+0.038</b>	<b>+0.023</b>	<b>+0.044</b>	<b>+0.458</b>	<b>+0.106</b>	<b>+0.213</b>
70%	+0.08	+0.013	+0.004	+2.04	+1.17	+3.72	+0.80	+4.54	+0.163	-0.098	-0.038	+0.001	-0.029	+0.183	-0.237	+0.114
80%	+0.04	+0.008	-0.000	+1.59	+0.92	+2.94	+0.51	+5.39	+0.287	-0.198	-0.083	-0.012	-0.073	+0.016	-0.444	+0.055
90%	-0.00	+0.001	-0.006	+0.95	+0.57	+1.85	+0.11	+6.56	+0.461	-0.337	-0.147	-0.030	-0.135	-0.215	-0.732	-0.028
95%	-0.04	-0.004	-0.011	+0.43	+0.29	+0.95	-0.22	+7.53	+0.604	-0.451	-0.199	-0.045	-0.186	-0.405	-0.969	-0.096
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	213	248	248	272	272	272	272	168	160	160	160	160	160	160	160	146
Number of rams	91255	96558	96558	102032	102032	102032	102032	79588	63401	63401	63401	63401	63401	63401	63401	75196

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

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# NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE February 2021

SIL GE# 38145

Rams born in 2019

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%	-38.9	-39.6	-57.7	+44.52	+1.22	-0.73	-0.70	-1.11	+0.27
10%	-30.0	-30.2	-47.6	+39.12	+0.98	-0.58	-0.56	-0.97	+0.23
20%	<b>-19.3</b>	<b>-18.9</b>	<b>-35.3</b>	<b>+32.58</b>	<b>+0.70</b>	<b>-0.41</b>	<b>-0.38</b>	<b>-0.81</b>	<b>+0.18</b>
30%	-11.5	-10.7	-26.5	+27.86	+0.49	-0.28	-0.26	-0.69	+0.14
50%	<b>+1.3</b>	<b>+2.9</b>	<b>-11.9</b>	<b>+20.07</b>	<b>+0.15</b>	<b>-0.07</b>	<b>-0.06</b>	<b>-0.49</b>	<b>+0.08</b>
70%	+14.1	+16.4	+2.7	+12.27	-0.19	+0.14	+0.15	-0.30	+0.02
80%	+21.8	+24.6	+11.5	+7.56	-0.39	+0.26	+0.27	-0.18	-0.02
90%	+32.5	+36.0	+23.7	+1.02	-0.68	+0.44	+0.45	-0.01	-0.07
95%	+41.4	+45.3	+33.8	-4.38	-0.92	+0.58	+0.59	+0.12	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	45	45	45	3	3	47	47	31	69
Number of rams	22542	22542	22542	942	942	24296	24296	16994	40956

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

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