

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

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NZGE June 2021

SIL GE# 38520

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 ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
5%	+2079	+224	+1136	+828	+0.037	+5.88	+3.22	+10.32	-1.102	+0.843	+0.381	+0.106	+0.375	+2.080	+1.595
10%	+1891	+194	+1028	+742	+0.032	+5.32	+2.91	+9.32	-0.963	+0.733	+0.329	+0.090	+0.323	+1.881	+1.355
20%	+1662	+156	+898	+637	+0.026	+4.65	+2.54	+8.11	-0.793	+0.599	+0.267	+0.072	+0.260	+1.640	+1.064
30%	+1498	+130	+803	+562	+0.021	+4.17	+2.27	+7.24	-0.671	+0.502	+0.222	+0.059	+0.214	+1.466	+0.854
50%	+1225	+85	+648	+437	+0.014	+3.38	+1.82	+5.80	-0.470	+0.343	+0.148	+0.037	+0.139	+1.179	+0.507
70%	+953	+41	+492	+312	+0.007	+2.58	+1.37	+4.36	-0.268	+0.184	+0.073	+0.015	+0.063	+0.892	+0.160
80%	+789	+14	+398	+236	+0.002	+2.10	+1.10	+3.48	-0.146	+0.087	+0.028	+0.002	0.000	0.000	-0.050
90%	+560	-23	+267	+132	-0.004	+1.43	+0.73	+2.27	+0.023	-0.047	-0.034	-0.017	-0.045	+0.477	-0.341
95%	+372	-54	+160	+45	-0.009	+0.88	+0.42	+1.28	+0.163	-0.157	-0.086	-0.032	-0.098	+0.278	-0.582
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	112	141	179	128	141	179	179	179	128	128	128	128	128	128	128
Number of rams	21035	23378	27355	22816	23378	27355	27355	27355	22816	22816	22816	22816	22816	22816	22816

¹These 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

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NZGE June 2021

SIL GE # 38520

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%	+2978	+3484	+3136	+4793	+2910	+728	+808	+2218	+199	+1609	+859	+337	+579	+2109	+75	+503
10%	+2714	+3176	+2875	+4416	+2639	+639	+711	+2000	+57	+1435	+729	+293	+453	+1846	+60	+422
20%	+2395	+2802	+2560	+3960	+2312	+531	+592	+1736	-115	+1224	+570	+240	+301	+1528	+41	+323
30%	+2165	+2533	+2332	+3631	+2075	+453	+507	+1546	-239	+1072	+456	+201	+190	+1299	+27	+252
40%	+1968	+2303	+2138	+3350	+1873	+386	+434	+1383	-345	+942	+359	+168	+96	+1103	+15	+191
50%	+1784	+2087	+1956	+3088	+1685	+324	+366	+1231	-445	+820	+268	+138	+8	+920	+4	+135
60%	+1600	+1872	+1774	+2825	+1496	+261	+298	+1079	-544	+699	+177	+107	-80	+737	-7	+78
70%	+1403	+1642	+1580	+2544	+1294	+195	+225	+917	-650	+569	+79	+74	-174	+541	-18	+17
80%	+1173	+1373	+1352	+2215	+1058	+117	+140	+726	-774	+417	-35	+36	-284	+312	-32	-54
90%	+854	+999	+1036	+1759	+730	+9	+22	+462	-946	+206	-193	-18	-436	-6	-51	-152
95%	+590	+690	+776	+1383	+459	-81	-76	+244	-1088	+31	-324	-62	-563	-269	-67	-233
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	119	97	44	27	41	217	257	287	174	174	172	146	53	33	48	75
Number of rams	66783	53396	23422	15949	27580	92174	97971	103159	81281	81281	67417	75088	24708	17789	29227	42392

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE June 2021	SIL GE# 38520	Rams born in	2019
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Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LW8 ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹	FW12
5%	+0.31	+0.045	+0.033	+5.07	+2.80	+8.84	+2.76	-1.36	-0.712	+0.594	+0.278	+0.089	+0.277	+1.320	+1.199	+0.516
10%	+0.27	+0.039	+0.028	+4.55	+2.52	+7.96	+2.44	-0.39	-0.563	+0.477	+0.225	+0.074	+0.226	+1.129	+0.959	+0.448
20%	+0.23	+0.033	+0.022	+3.93	+2.18	+6.89	+2.05	+0.78	-0.384	+0.335	+0.160	+0.056	+0.163	+0.897	+0.668	+0.366
30%	+0.19	+0.028	+0.018	+3.48	+1.94	+6.13	+1.76	+1.63	-0.255	+0.232	+0.113	+0.043	+0.117	+0.730	+0.458	+0.306
50%	+0.13	+0.020	+0.011	+2.73	+1.53	+4.86	+1.30	+3.02	-0.041	+0.063	+0.036	+0.021	+0.043	+0.454	+0.112	+0.208
70%	+0.08	+0.012	+0.004	+1.99	+1.13	+3.59	+0.83	+4.42	+0.173	-0.106	-0.041	-0.000	-0.032	+0.178	-0.235	+0.110
80%	+0.04	+0.007	-0.000	+1.53	+0.89	+2.82	+0.54	+5.26	+0.303	-0.208	-0.087	-0.013	-0.078	+0.011	-0.445	+0.051
90%	-0.01	+0.001	-0.006	+0.91	+0.55	+1.75	+0.15	+6.44	+0.482	-0.350	-0.152	-0.032	-0.140	-0.221	-0.736	-0.031
95%	-0.05	-0.005	-0.011	+0.39	+0.27	+0.87	-0.17	+7.40	+0.631	-0.467	-0.205	-0.047	-0.192	-0.412	-0.976	-0.099
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	217	257	257	287	287	287	287	174	172	172	172	172	172	172	172	146
Number of rams	92174	97971	97971	103159	103159	103159	103159	81281	67417	67417	67417	67417	67417	67417	67417	75088

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE June 2021

SIL GE# 38520

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%	-37.6	-38.3	-56.0	+42.61	+1.17	-0.67	-0.66	-1.08	+0.27
10%	-28.9	-29.0	-45.8	+37.34	+0.94	-0.53	-0.52	-0.95	+0.22
20%	-18.3	-17.8	-33.4	+30.95	+0.66	-0.37	-0.36	-0.78	+0.17
30%	-10.7	-9.7	-24.4	+26.35	+0.45	-0.25	-0.24	-0.67	+0.13
50%	+2.0	+3.7	-9.6	+18.73	+0.12	-0.05	-0.04	-0.47	+0.07
70%	+14.6	+17.1	+5.2	+11.12	-0.21	+0.14	+0.15	-0.28	+0.01
80%	+22.2	+25.2	+14.1	+6.51	-0.42	+0.26	+0.27	-0.16	-0.03
90%	+32.8	+36.4	+26.6	+0.13	-0.70	+0.42	+0.44	+0.00	-0.08
95%	+41.6	+45.7	+36.8	-5.15	-0.93	+0.56	+0.57	+0.14	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	54	54	33	77
Number of rams	24829	24829	24829	942	942	32023	32023	17789	43353

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

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