

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

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NZGE October 2020

SIL GE# 37765

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%	+2130	+219	+1187	+818	+0.036	+6.12	+3.37	+10.78	-1.011	+0.760	+0.330	+0.117	+0.354	+2.141	+1.689
10%	+1943	+189	+1074	+735	+0.031	+5.54	+3.04	+9.74	-0.885	+0.659	+0.284	+0.101	+0.304	+1.940	+1.454
20%	+1715	+153	+936	+634	+0.025	+4.83	+2.65	+8.48	-0.733	+0.538	+0.228	+0.083	+0.244	+1.696	+1.169
30%	+1551	+127	+838	+561	+0.021	+4.33	+2.37	+7.57	-0.623	+0.450	+0.188	+0.069	+0.200	+1.520	+0.964
50%	+1280	+84	+674	+441	+0.014	+3.49	+1.90	+6.07	-0.442	+0.305	+0.121	+0.047	+0.128	+1.229	+0.625
70%	+1009	+41	+511	+320	+0.007	+2.65	+1.43	+4.57	-0.261	+0.160	+0.054	+0.024	+0.056	+0.938	+0.286
80%	+845	+15	+412	+247	+0.002	+2.14	+1.15	+3.66	-0.151	+0.072	+0.014	+0.011	0.000	0.000	+0.081
90%	+618	-22	+275	+146	-0.004	+1.43	+0.76	+2.40	+0.001	-0.050	-0.042	-0.008	-0.048	+0.519	-0.204
95%	+430	-51	+162	+63	-0.009	+0.85	+0.43	+1.36	+0.127	-0.150	-0.088	-0.023	-0.097	+0.317	-0.438
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	110	148	187	125	148	187	187	187	125	125	125	125	125	125	125
Number of rams	19749	23509	26899	20929	23509	26899	26899	26899	20929	20929	20929	20929	20929	20929	20929

¹ 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

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NZGE October 2020

SIL GE # 37765

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%	+3091	+3607	+3320	+4890	+3124	+737	+820	+2298	+156	+1626	+831	+385	+631	+2190	+90	+514
10%	+2825	+3300	+3054	+4498	+2839	+649	+724	+2074	+17	+1456	+711	+337	+503	+1907	+72	+434
20%	+2502	+2928	+2731	+4024	+2493	+542	+607	+1803	-152	+1250	+566	+280	+347	+1563	+51	+338
30%	+2269	+2660	+2499	+3681	+2243	+465	+522	+1607	-274	+1102	+461	+238	+236	+1316	+36	+268
40%	+2070	+2431	+2300	+3389	+2030	+399	+450	+1440	-378	+975	+372	+203	+140	+1104	+23	+209
50%	+1884	+2216	+2114	+3116	+1830	+338	+383	+1283	-475	+856	+288	+170	+51	+906	+11	+154
60%	+1697	+2002	+1928	+2843	+1631	+276	+316	+1127	-572	+738	+205	+137	-39	+709	-1	+98
70%	+1498	+1773	+1729	+2550	+1418	+211	+244	+960	-676	+611	+116	+101	-134	+497	-13	+39
80%	+1265	+1504	+1497	+2208	+1168	+134	+159	+764	-798	+462	+11	+60	-246	+249	-29	-30
90%	+942	+1132	+1174	+1733	+822	+27	+42	+492	-967	+257	-134	+2	-401	-94	-49	-127
95%	+676	+825	+908	+1342	+537	-61	-54	+268	-1106	+87	-254	-45	-529	-378	-67	-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	134	104	40	31	29	235	259	286	182	182	174	170	46	37	37	71
Number of rams	69811	55652	21842	18089	16915	90674	96165	100354	79950	79950	64834	79843	23154	19117	18665	39977

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE October 2020

SIL GE# 37765

Rams born in

2019

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%	+0.32	+0.047	+0.031	+5.29	+2.92	+9.23	+2.68	-1.06	-0.617	+0.487	+0.226	+0.095	+0.250	+1.323	+1.187	+0.659
10%	+0.28	+0.041	+0.026	+4.76	+2.63	+8.32	+2.36	-0.12	-0.492	+0.396	+0.185	+0.079	+0.205	+1.139	+0.945	+0.578
20%	+0.23	+0.034	+0.021	+4.12	+2.28	+7.22	+1.98	+1.03	-0.341	+0.286	+0.136	+0.059	+0.151	+0.916	+0.652	+0.480
30%	+0.20	+0.030	+0.017	+3.66	+2.03	+6.43	+1.71	+1.86	-0.233	+0.206	+0.100	+0.045	+0.111	+0.755	+0.440	+0.409
50%	+0.14	+0.022	+0.011	+2.90	+1.62	+5.12	+1.25	+3.23	-0.053	+0.075	+0.041	+0.022	+0.046	+0.489	+0.090	+0.292
70%	+0.08	+0.014	+0.004	+2.13	+1.20	+3.82	+0.80	+4.60	+0.127	-0.056	-0.018	-0.002	-0.019	+0.223	-0.260	+0.175
80%	+0.05	+0.009	+0.000	+1.67	+0.95	+3.02	+0.52	+5.43	+0.235	-0.136	-0.054	-0.016	-0.058	+0.062	-0.472	+0.104
90%	-0.00	+0.002	-0.005	+1.03	+0.60	+1.93	+0.14	+6.58	+0.386	-0.246	-0.103	-0.035	-0.113	-0.161	-0.765	+0.006
95%	-0.04	-0.003	-0.010	+0.50	+0.31	+1.02	-0.17	+7.52	+0.510	-0.337	-0.144	-0.051	-0.158	-0.345	-1.007	-0.075
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	235	259	259	286	286	286	286	182	174	174	174	174	174	174	174	170
Number of rams	90674	96165	96165	100354	100354	100354	100354	79950	64834	64834	64834	64834	64834	64834	64834	79843

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE October 2020

SIL GE# 37765

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%	-41.0	-42.4	-58.9	+44.26	+1.10	-0.77	-0.83	-1.12	+0.27
10%	-32.1	-32.8	-48.8	+39.38	+0.88	-0.63	-0.67	-0.98	+0.23
20%	-21.3	-21.2	-36.6	+33.47	+0.61	-0.45	-0.48	-0.80	+0.18
30%	-13.5	-12.9	-27.8	+29.21	+0.41	-0.32	-0.34	-0.68	+0.15
50%	-0.6	+0.9	-13.2	+22.16	+0.09	-0.11	-0.11	-0.47	+0.08
70%	+12.2	+14.8	+1.4	+15.12	-0.23	+0.09	+0.11	-0.26	+0.02
80%	+20.0	+23.1	+10.2	+10.86	-0.42	+0.22	+0.25	-0.13	-0.01
90%	+30.8	+34.7	+22.4	+4.95	-0.69	+0.40	+0.44	+0.05	-0.06
95%	+39.8	+44.3	+32.5	+0.07	-0.92	+0.54	+0.60	+0.19	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	43	43	37	75
Number of rams	23274	23274	23274	1294	1294	21457	21457	19117	41343

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

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