

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

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NZGE December 2020

SIL GE# 37959

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%	+2160	+215	+1178	+859	+0.036	+6.08	+3.34	+10.70	-1.126	+0.881	+0.385	+0.108	+0.394	+2.157	+1.618
10%	+1967	+186	+1065	+771	+0.031	+5.50	+3.02	+9.66	-0.988	+0.768	+0.333	+0.093	+0.340	+1.953	+1.385
20%	+1734	+150	+928	+664	+0.025	+4.79	+2.63	+8.40	-0.821	+0.630	+0.270	+0.075	+0.275	+1.706	+1.104
30%	+1566	+124	+829	+587	+0.020	+4.29	+2.34	+7.49	-0.700	+0.531	+0.225	+0.062	+0.228	+1.528	+0.901
50%	+1289	+81	+666	+459	+0.013	+3.45	+1.87	+5.98	-0.500	+0.368	+0.150	+0.040	+0.150	+1.233	+0.565
70%	+1011	+38	+502	+332	+0.006	+2.61	+1.41	+4.48	-0.301	+0.204	+0.075	+0.018	+0.073	+0.938	+0.229
80%	+843	+12	+404	+255	+0.002	+2.10	+1.12	+3.57	-0.180	+0.105	+0.030	+0.005	0.000	0.000	+0.026
90%	+610	-24	+266	+148	-0.004	+1.40	+0.73	+2.31	-0.013	-0.032	-0.033	-0.013	-0.040	+0.512	-0.256
95%	+417	-54	+153	+59	-0.009	+0.82	+0.41	+1.27	+0.125	-0.146	-0.085	-0.028	-0.094	+0.308	-0.488
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	114	155	190	128	155	190	190	190	128	128	128	128	128	128	128
Number of rams	20297	24680	27678	21595	24680	27678	27678	27678	21595	21595	21595	21595	21595	21595	21595

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 December 2020

SIL GE # 37959

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%	+3030	+3553	+3250	+4786	+3037	+733	+810	+2291	+166	+1620	+867	+344	+609	+2171	+83	+513
10%	+2766	+3245	+2985	+4396	+2757	+643	+715	+2067	+25	+1449	+738	+299	+483	+1887	+67	+433
20%	+2446	+2871	+2664	+3923	+2418	+535	+600	+1795	-145	+1241	+582	+245	+329	+1543	+46	+337
30%	+2215	+2602	+2433	+3582	+2174	+456	+517	+1599	-268	+1092	+469	+206	+219	+1295	+32	+267
40%	+2018	+2372	+2236	+3291	+1965	+390	+446	+1432	-374	+964	+372	+173	+124	+1083	+19	+207
50%	+1833	+2156	+2051	+3018	+1770	+327	+379	+1275	-472	+844	+282	+142	+36	+885	+8	+151
60%	+1649	+1941	+1867	+2746	+1574	+265	+313	+1119	-570	+725	+192	+111	-52	+687	-4	+95
70%	+1452	+1711	+1669	+2455	+1365	+198	+242	+951	-675	+597	+96	+77	-147	+475	-16	+36
80%	+1221	+1442	+1438	+2114	+1121	+119	+159	+755	-798	+448	-17	+38	-257	+227	-31	-34
90%	+901	+1068	+1117	+1641	+782	+11	+44	+484	-969	+240	-174	-16	-411	-117	-51	-131
95%	+637	+760	+853	+1250	+502	-79	-51	+259	-1110	+69	-303	-60	-537	-401	-68	-211
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	133	104	40	32	32	242	258	285	184	184	177	171	46	37	41	72
Number of rams	70121	56113	21830	18291	18919	93699	96441	101316	81482	81482	67073	80582	23141	19111	20707	40211

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE December 2020

SIL GE# 37959

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	+0.046	+0.031	+5.27	+2.91	+9.21	+2.69	-1.13	-0.697	+0.596	+0.272	+0.088	+0.283	+1.350	+1.181	+0.524
10%	+0.28	+0.041	+0.026	+4.74	+2.62	+8.30	+2.38	-0.17	-0.550	+0.477	+0.219	+0.073	+0.228	+1.161	+0.943	+0.456
20%	+0.23	+0.034	+0.021	+4.10	+2.27	+7.20	+1.99	+0.99	-0.373	+0.332	+0.155	+0.055	+0.163	+0.933	+0.656	+0.373
30%	+0.19	+0.029	+0.017	+3.64	+2.02	+6.40	+1.71	+1.83	-0.245	+0.227	+0.109	+0.042	+0.116	+0.768	+0.448	+0.313
50%	+0.14	+0.022	+0.010	+2.88	+1.60	+5.09	+1.26	+3.21	-0.033	+0.054	+0.033	+0.020	+0.038	+0.496	+0.106	+0.213
70%	+0.08	+0.014	+0.004	+2.11	+1.19	+3.78	+0.80	+4.59	+0.179	-0.119	-0.043	-0.002	-0.040	+0.224	-0.237	+0.114
80%	+0.04	+0.009	-0.000	+1.65	+0.93	+2.99	+0.52	+5.43	+0.307	-0.223	-0.089	-0.015	-0.087	+0.059	-0.444	+0.054
90%	-0.01	+0.002	-0.005	+1.01	+0.58	+1.89	+0.14	+6.59	+0.485	-0.368	-0.153	-0.034	-0.153	-0.169	-0.732	-0.029
95%	-0.05	-0.003	-0.010	+0.48	+0.29	+0.98	-0.18	+7.55	+0.632	-0.488	-0.206	-0.049	-0.207	-0.357	-0.969	-0.098
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	242	258	258	285	285	285	285	184	177	177	177	177	177	177	177	171
Number of rams	93699	96441	96441	101316	101316	101316	101316	81482	67073	67073	67073	67073	67073	67073	67073	80582

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE December 2020

SIL GE# 37959

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%	-39.4	-40.4	-57.9	+43.59	+1.12	-0.74	-0.72	-1.11	+0.27
10%	-30.5	-31.0	-47.9	+38.68	+0.90	-0.59	-0.57	-0.97	+0.23
20%	-19.8	-19.7	-35.8	+32.73	+0.62	-0.42	-0.40	-0.79	+0.18
30%	-12.1	-11.6	-27.0	+28.44	+0.42	-0.29	-0.28	-0.66	+0.14
50%	+0.7	+1.9	-12.6	+21.34	+0.09	-0.08	-0.07	-0.45	+0.08
70%	+13.5	+15.4	+1.8	+14.25	-0.24	+0.12	+0.13	-0.24	+0.02
80%	+21.3	+23.6	+10.6	+9.96	-0.43	+0.25	+0.25	-0.12	-0.02
90%	+32.0	+34.9	+22.7	+4.00	-0.71	+0.42	+0.43	+0.06	-0.07
95%	+40.9	+44.2	+32.7	-0.91	-0.94	+0.57	+0.57	+0.21	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	47	47	37	76
Number of rams	23261	23261	23261	1290	1290	23502	23502	19111	41577

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

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