

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

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NZGE June 2020

SIL GE# 37586

Rams born in 2018

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%	+2055	+214	+1128	+810	+0.035	+5.81	+3.21	+10.20	-1.010	+0.777	+0.338	+0.115	+0.354	+2.100	+1.660
10%	+1877	+184	+1023	+726	+0.030	+5.28	+2.90	+9.24	-0.882	+0.675	+0.291	+0.100	+0.305	+1.900	+1.428
20%	+1662	+149	+897	+625	+0.024	+4.63	+2.54	+8.06	-0.727	+0.551	+0.234	+0.081	+0.245	+1.658	+1.148
30%	+1507	+123	+805	+552	+0.020	+4.16	+2.27	+7.22	-0.616	+0.461	+0.193	+0.068	+0.202	+1.484	+0.946
50%	+1250	+80	+654	+432	+0.013	+3.39	+1.84	+5.82	-0.432	+0.313	+0.125	+0.046	+0.130	+1.196	+0.612
70%	+993	+38	+503	+311	+0.006	+2.62	+1.40	+4.42	-0.247	+0.165	+0.057	+0.023	+0.058	+0.908	+0.277
80%	+838	+12	+411	+239	+0.002	+2.16	+1.14	+3.58	-0.136	+0.076	+0.015	+0.010	0.000	0.000	+0.075
90%	+623	-24	+285	+137	-0.004	+1.51	+0.78	+2.41	+0.019	-0.048	-0.042	-0.009	-0.045	+0.492	-0.205
95%	+445	-54	+180	+54	-0.009	+0.98	+0.47	+1.44	+0.147	-0.151	-0.089	-0.024	-0.094	+0.292	-0.437
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	99	135	168	114	135	168	168	168	114	114	114	114	114	114	114
Number of rams	19668	23207	26509	21252	23207	26509	26509	26509	21252	21252	21252	21252	21252	21252	21252

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 2020

SIL GE # 37586

Rams born in 2018

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%	+2973	+3489	+3178	+4991	+3046	+739	+809	+2198	+167	+1573	+812	+381	+633	+2367	+89	+509
10%	+2713	+3188	+2928	+4599	+2771	+648	+712	+1993	+26	+1412	+694	+334	+501	+2083	+72	+429
20%	+2399	+2825	+2624	+4123	+2437	+539	+594	+1743	-145	+1216	+551	+277	+341	+1739	+52	+332
30%	+2173	+2563	+2405	+3781	+2196	+461	+509	+1564	-268	+1075	+448	+236	+226	+1491	+37	+262
40%	+1980	+2339	+2218	+3488	+1990	+393	+436	+1410	-373	+954	+360	+202	+128	+1279	+25	+202
50%	+1799	+2129	+2043	+3214	+1798	+331	+368	+1266	-471	+841	+278	+169	+36	+1080	+13	+146
60%	+1618	+1920	+1869	+2940	+1606	+268	+300	+1123	-569	+728	+196	+136	-56	+882	+1	+91
70%	+1425	+1696	+1682	+2648	+1400	+200	+227	+969	-674	+608	+108	+102	-154	+670	-11	+31
80%	+1198	+1434	+1463	+2305	+1160	+122	+142	+789	-797	+467	+5	+61	-270	+422	-26	-39
90%	+885	+1070	+1159	+1830	+826	+13	+24	+540	-968	+271	-138	+4	-429	+78	-46	-136
95%	+625	+770	+908	+1437	+550	-77	-73	+334	-1109	+109	-256	-43	-561	-206	-63	-216
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	123	94	37	24	24	208	239	258	160	160	155	149	43	26	31	62
Number of rams	69550	53851	20724	13517	16075	90998	94455	98872	80318	80318	62895	76353	22392	14359	17422	39710

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE June 2020

SIL GE# 37586

Rams born in

2018

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	+0.032	+5.08	+2.80	+8.94	+2.66	-1.13	-0.606	+0.498	+0.230	+0.094	+0.252	+1.276	+1.196	+0.651
10%	+0.28	+0.040	+0.027	+4.59	+2.53	+8.09	+2.35	-0.18	-0.483	+0.404	+0.188	+0.078	+0.206	+1.098	+0.951	+0.572
20%	+0.23	+0.034	+0.021	+4.00	+2.21	+7.05	+1.97	+0.98	-0.334	+0.290	+0.137	+0.058	+0.151	+0.883	+0.654	+0.475
30%	+0.20	+0.029	+0.017	+3.57	+1.98	+6.31	+1.70	+1.82	-0.226	+0.208	+0.100	+0.044	+0.111	+0.728	+0.441	+0.406
50%	+0.14	+0.021	+0.010	+2.86	+1.59	+5.07	+1.25	+3.20	-0.049	+0.073	+0.040	+0.021	+0.045	+0.472	+0.087	+0.291
70%	+0.08	+0.013	+0.003	+2.16	+1.20	+3.84	+0.80	+4.59	+0.129	-0.063	-0.021	-0.003	-0.022	+0.216	-0.266	+0.176
80%	+0.04	+0.009	-0.002	+1.73	+0.97	+3.09	+0.52	+5.42	+0.236	-0.144	-0.058	-0.017	-0.062	+0.060	-0.480	+0.107
90%	-0.01	+0.002	-0.008	+1.14	+0.65	+2.05	+0.14	+6.58	+0.385	-0.258	-0.109	-0.037	-0.117	-0.154	-0.777	+0.010
95%	-0.05	-0.003	-0.012	+0.65	+0.38	+1.20	-0.17	+7.54	+0.508	-0.352	-0.151	-0.053	-0.163	-0.332	-1.021	-0.069
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	208	239	239	258	258	258	258	160	155	155	155	155	155	155	155	149
Number of rams	90998	94455	94455	98872	98872	98872	98872	80318	62895	62895	62895	62895	62895	62895	62895	76353

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE June 2020

SIL GE# 37586

Rams born in

2018

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%	-41.1	-42.3	-59.6	+52.90	+0.96	-0.75	-0.76	-1.22	+0.28
10%	-31.9	-32.5	-49.2	+45.67	+0.75	-0.62	-0.62	-1.07	+0.23
20%	-20.8	-20.6	-36.7	+36.92	+0.49	-0.45	-0.44	-0.89	+0.18
30%	-12.8	-12.0	-27.6	+30.60	+0.30	-0.33	-0.32	-0.77	+0.14
50%	+0.4	+2.2	-12.6	+20.17	-0.01	-0.12	-0.11	-0.55	+0.08
70%	+13.7	+16.4	+2.4	+9.73	-0.32	+0.08	+0.10	-0.34	+0.02
80%	+21.7	+25.0	+11.4	+3.42	-0.51	+0.20	+0.23	-0.22	-0.02
90%	+32.8	+36.9	+24.0	-5.33	-0.77	+0.37	+0.41	-0.04	-0.07
95%	+42.0	+46.7	+34.4	-12.56	-0.99	+0.51	+0.55	+0.11	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	44	44	44	4	4	37	37	26	65
Number of rams	22392	22392	22392	1427	1427	20277	20277	14359	41109

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

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