

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

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NZGE June 2019

SIL GE# 36705

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%	+2090	+212	+1171	+797	+0.035	+6.03	+3.32	+10.66	-0.995	+0.657	+0.288	+0.129	+0.324	+2.125	+1.743
10%	+1920	+183	+1066	+720	+0.030	+5.49	+3.02	+9.69	-0.874	+0.572	+0.248	+0.114	+0.279	+1.934	+1.510
20%	+1714	+148	+939	+627	+0.024	+4.84	+2.66	+8.51	-0.729	+0.468	+0.200	+0.094	+0.225	+1.702	+1.229
30%	+1566	+123	+847	+560	+0.020	+4.37	+2.40	+7.66	-0.624	+0.394	+0.165	+0.081	+0.186	+1.536	+1.026
50%	+1321	+82	+696	+449	+0.014	+3.60	+1.96	+6.25	-0.451	+0.270	+0.107	+0.058	+0.121	+1.260	+0.691
70%	+1075	+40	+545	+338	+0.007	+2.82	+1.53	+4.84	-0.278	+0.147	+0.050	+0.035	+0.057	+0.984	+0.355
80%	+927	+15	+453	+270	+0.003	+2.36	+1.26	+3.99	-0.173	+0.073	+0.015	+0.021	0.000	0.000	+0.152
90%	+721	-19	+326	+177	-0.003	+1.71	+0.90	+2.81	-0.027	-0.031	-0.033	+0.002	-0.036	+0.585	-0.129
95%	+551	-48	+221	+100	-0.008	+1.17	+0.60	+1.84	+0.093	-0.116	-0.073	-0.013	-0.081	+0.394	-0.361
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	93	132	170	105	132	170	170	170	105	105	105	105	105	105	105
Number of rams	18024	22540	26593	19219	22540	26593	26593	26593	19219	19219	19219	19219	19219	19219	19219

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 2019

SIL GE # 36705

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%	+2985	+3580	+3205	+4968	+3155	+744	+761	+2279	+147	+1547	+824	+364	+599	+2257	+89	+506
10%	+2734	+3273	+2942	+4574	+2856	+656	+669	+2064	+7	+1384	+713	+323	+476	+1990	+74	+432
20%	+2431	+2902	+2623	+4096	+2494	+549	+557	+1805	-163	+1186	+579	+273	+327	+1668	+56	+342
30%	+2212	+2633	+2393	+3752	+2233	+472	+476	+1617	-285	+1044	+483	+237	+220	+1435	+43	+278
40%	+2025	+2404	+2197	+3458	+2011	+406	+407	+1457	-389	+922	+400	+206	+128	+1236	+31	+222
50%	+1851	+2190	+2014	+3183	+1802	+345	+343	+1307	-487	+808	+323	+177	+42	+1050	+21	+171
60%	+1676	+1976	+1830	+2908	+1594	+283	+278	+1158	-584	+694	+246	+148	-43	+864	+10	+119
70%	+1489	+1747	+1634	+2614	+1371	+218	+209	+998	-689	+573	+164	+117	-135	+665	-1	+64
80%	+1270	+1479	+1404	+2270	+1110	+141	+128	+810	-811	+430	+67	+81	-242	+432	-14	-1
90%	+967	+1107	+1085	+1792	+749	+34	+16	+551	-980	+233	-67	+30	-391	+109	-32	-91
95%	+716	+800	+822	+1398	+450	-54	-76	+336	-1120	+69	-177	-11	-514	-157	-47	-165
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	113	88	37	23	24	213	233	256	161	256	149	141	40	26	29	60
Number of rams	67893	49331	20797	13216	12530	89680	92310	95400	80015	95400	57342	74140	21545	14667	13543	38105

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NZGE gBV's - Dual Purpose - Young Ram Percentile Bands

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NZGE June 2019	SIL GE# 36705	Rams born in	2018
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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%	+0.32	+0.044	+0.030	+5.30	+2.92	+9.36	+2.56	-1.00	-0.582	+0.425	+0.199	+0.101	+0.235	+1.311	+1.192	+0.625
10%	+0.28	+0.039	+0.025	+4.78	+2.65	+8.46	+2.26	-0.05	-0.471	+0.350	+0.165	+0.085	+0.195	+1.141	+0.960	+0.554
20%	+0.23	+0.032	+0.020	+4.16	+2.31	+7.37	+1.90	+1.11	-0.336	+0.260	+0.124	+0.065	+0.146	+0.936	+0.680	+0.469
30%	+0.20	+0.027	+0.016	+3.71	+2.06	+6.58	+1.64	+1.94	-0.239	+0.195	+0.095	+0.051	+0.111	+0.787	+0.477	+0.407
50%	+0.14	+0.020	+0.009	+2.97	+1.66	+5.28	+1.22	+3.31	-0.078	+0.087	+0.046	+0.027	+0.053	+0.543	+0.143	+0.305
70%	+0.09	+0.012	+0.003	+2.22	+1.26	+3.98	+0.79	+4.69	+0.082	-0.021	-0.003	+0.004	-0.006	+0.298	-0.191	+0.202
80%	+0.05	+0.007	-0.001	+1.77	+1.01	+3.20	+0.53	+5.52	+0.180	-0.086	-0.033	-0.010	-0.041	+0.150	-0.393	+0.140
90%	+0.00	+0.000	-0.007	+1.15	+0.67	+2.11	+0.17	+6.67	+0.314	-0.176	-0.074	-0.030	-0.090	-0.056	-0.674	+0.055
95%	-0.04	-0.005	-0.011	+0.64	+0.40	+1.21	-0.13	+7.62	+0.425	-0.251	-0.107	-0.047	-0.130	-0.225	-0.905	-0.016
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	233	233	256	256	256	256	161	149	149	149	149	149	149	149	141
Number of rams	89680	92310	92310	95400	95400	95400	95400	80015	57342	57342	57342	57342	57342	57342	57342	74140

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE June 2019

SIL GE# 36705

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%	-37.4	-38.8	-58.6	+55.88	+1.08	-0.75	-0.75	-1.16	+0.28
10%	-29.0	-29.8	-48.8	+48.73	+0.86	-0.61	-0.63	-1.02	+0.24
20%	-18.8	-18.9	-37.0	+40.07	+0.60	-0.45	-0.48	-0.86	+0.19
30%	-11.5	-11.0	-28.4	+33.83	+0.41	-0.34	-0.37	-0.74	+0.15
50%	+0.6	+2.0	-14.3	+23.51	+0.10	-0.15	-0.20	-0.54	+0.09
70%	+12.8	+15.0	-0.2	+13.19	-0.22	+0.04	-0.02	-0.34	+0.04
80%	+20.1	+22.9	+8.4	+6.94	-0.40	+0.16	+0.09	-0.22	+0.00
90%	+30.3	+33.8	+20.2	-1.71	-0.67	+0.32	+0.24	-0.06	-0.05
95%	+38.7	+42.8	+30.0	-8.87	-0.88	+0.45	+0.36	+0.08	-0.09
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	33	33	26	63
Number of rams	21545	21545	21545	1432	1432	15213	15213	14667	39513

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

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