

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

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NZGE November 2019

SIL GE# 36970

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%	+2088	+212	+1166	+791	+0.035	+5.99	+3.31	+10.60	-0.977	+0.595	+0.261	+0.130	+0.303	+2.157	+1.750
10%	+1912	+183	+1059	+712	+0.030	+5.45	+3.01	+9.61	-0.857	+0.515	+0.224	+0.114	+0.260	+1.958	+1.518
20%	+1699	+148	+930	+618	+0.024	+4.79	+2.64	+8.41	-0.712	+0.418	+0.178	+0.094	+0.207	+1.718	+1.237
30%	+1546	+122	+837	+550	+0.020	+4.31	+2.37	+7.55	-0.608	+0.348	+0.145	+0.080	+0.169	+1.544	+1.034
50%	+1292	+81	+683	+437	+0.013	+3.52	+1.93	+6.12	-0.435	+0.232	+0.091	+0.056	+0.106	+1.257	+0.699
70%	+1039	+39	+529	+324	+0.006	+2.74	+1.48	+4.70	-0.262	+0.116	+0.037	+0.033	+0.043	+0.971	+0.364
80%	+886	+13	+436	+256	+0.002	+2.26	+1.21	+3.83	-0.157	+0.045	+0.004	+0.019	0.000	0.000	+0.161
90%	+673	-22	+307	+161	-0.003	+1.60	+0.84	+2.64	-0.012	-0.052	-0.042	-0.001	-0.048	+0.557	-0.120
95%	+497	-51	+200	+83	-0.008	+1.06	+0.54	+1.65	+0.108	-0.132	-0.080	-0.017	-0.092	+0.358	-0.353
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	98	139	172	110	139	172	172	172	110	110	110	110	110	110	110
Number of rams	19166	24416	27861	20360	24416	27861	27861	27861	20360	20360	20360	20360	20360	20360	20360

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 November 2019

SIL GE # 36970

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%	+2988	+3559	+3169	+5043	+3124	+734	+768	+2253	+146	+1611	+817	+385	+606	+2338	+90	+513
10%	+2733	+3259	+2919	+4641	+2826	+645	+676	+2042	+8	+1444	+709	+338	+479	+2060	+73	+436
20%	+2424	+2895	+2616	+4154	+2464	+537	+566	+1787	-159	+1243	+578	+281	+326	+1724	+53	+342
30%	+2202	+2633	+2398	+3803	+2204	+459	+486	+1602	-279	+1098	+484	+240	+215	+1481	+39	+275
40%	+2012	+2408	+2211	+3503	+1981	+392	+418	+1445	-382	+974	+404	+205	+120	+1274	+27	+217
50%	+1834	+2199	+2037	+3223	+1773	+330	+354	+1298	-478	+858	+329	+172	+32	+1081	+15	+163
60%	+1656	+1989	+1862	+2942	+1565	+267	+290	+1150	-574	+742	+253	+139	-57	+887	+4	+109
70%	+1466	+1765	+1676	+2643	+1342	+201	+222	+993	-676	+618	+173	+104	-152	+680	-8	+52
80%	+1243	+1503	+1457	+2292	+1081	+123	+142	+809	-797	+472	+79	+63	-263	+437	-23	-16
90%	+935	+1139	+1154	+1805	+720	+14	+31	+553	-963	+271	-52	+6	-416	+101	-43	-109
95%	+680	+838	+904	+1403	+422	-75	-60	+342	-1101	+105	-160	-41	-543	-177	-59	-186
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	127	96	39	24	27	224	238	263	166	166	155	158	40	26	30	62
Number of rams	72787	52022	21669	13946	13403	93969	94288	97795	82913	82913	59796	78831	21669	14788	13735	39340

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

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NZGE November 2019

SIL GE# 36970

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	+0.044	+0.031	+5.24	+2.90	+9.26	+2.55	-0.99	-0.590	+0.382	+0.181	+0.100	+0.222	+1.350	+1.237	+0.659
10%	+0.28	+0.039	+0.026	+4.73	+2.62	+8.38	+2.25	-0.05	-0.477	+0.313	+0.150	+0.084	+0.183	+1.178	+0.991	+0.579
20%	+0.23	+0.032	+0.020	+4.12	+2.29	+7.30	+1.89	+1.08	-0.340	+0.230	+0.112	+0.063	+0.136	+0.969	+0.694	+0.482
30%	+0.19	+0.028	+0.016	+3.68	+2.05	+6.53	+1.63	+1.90	-0.241	+0.170	+0.085	+0.049	+0.102	+0.819	+0.479	+0.412
50%	+0.14	+0.020	+0.010	+2.95	+1.65	+5.25	+1.20	+3.25	-0.078	+0.070	+0.040	+0.025	+0.046	+0.571	+0.125	+0.297
70%	+0.08	+0.012	+0.003	+2.22	+1.25	+3.97	+0.77	+4.60	+0.086	-0.029	-0.005	+0.001	-0.011	+0.323	-0.230	+0.181
80%	+0.04	+0.008	-0.001	+1.78	+1.01	+3.19	+0.51	+5.42	+0.185	-0.089	-0.032	-0.014	-0.045	+0.173	-0.445	+0.111
90%	-0.01	+0.001	-0.006	+1.17	+0.68	+2.12	+0.15	+6.55	+0.322	-0.173	-0.070	-0.034	-0.092	-0.036	-0.742	+0.014
95%	-0.05	-0.004	-0.011	+0.66	+0.40	+1.23	-0.15	+7.49	+0.435	-0.242	-0.101	-0.051	-0.131	-0.208	-0.988	-0.066
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	224	238	238	263	263	263	263	166	155	155	155	155	155	155	155	158
Number of rams	93969	94288	94288	97795	97795	97795	97795	82913	59796	59796	59796	59796	59796	59796	59796	78831

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE November 2019

SIL GE# 36970

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%	-38.9	-39.6	-58.9	+55.23	+1.09	-0.76	-0.76	-1.20	+0.28
10%	-30.0	-30.2	-48.9	+47.99	+0.87	-0.62	-0.61	-1.06	+0.24
20%	-19.3	-18.8	-36.7	+39.23	+0.61	-0.46	-0.44	-0.89	+0.19
30%	-11.5	-10.7	-28.0	+32.92	+0.42	-0.34	-0.32	-0.76	+0.15
50%	+1.3	+2.9	-13.5	+22.47	+0.10	-0.14	-0.11	-0.56	+0.09
70%	+14.1	+16.4	+0.9	+12.03	-0.21	+0.05	+0.10	-0.35	+0.03
80%	+21.8	+24.6	+9.7	+5.72	-0.40	+0.17	+0.22	-0.22	-0.01
90%	+32.6	+36.0	+21.8	-3.04	-0.67	+0.34	+0.39	-0.05	-0.06
95%	+41.4	+45.3	+31.9	-10.28	-0.89	+0.47	+0.54	+0.09	-0.10
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	34	34	26	65
Number of rams	21669	21669	21669	1427	1427	15405	15405	14788	40748

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

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