

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

NZGE August 2019

SIL GE# 36820

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%	+2100	+216	+1173	+797	+0.036	+6.03	+3.33	+10.69	-0.993	+0.658	+0.288	+0.130	+0.324	+2.132	+1.754
10%	+1927	+187	+1068	+720	+0.031	+5.50	+3.03	+9.71	-0.872	+0.572	+0.248	+0.114	+0.279	+1.938	+1.521
20%	+1718	+152	+941	+626	+0.025	+4.85	+2.66	+8.52	-0.727	+0.467	+0.199	+0.095	+0.225	+1.704	+1.240
30%	+1568	+126	+849	+558	+0.021	+4.38	+2.40	+7.67	-0.622	+0.392	+0.164	+0.081	+0.185	+1.535	+1.037
50%	+1319	+84	+697	+447	+0.014	+3.60	+1.96	+6.26	-0.448	+0.268	+0.106	+0.058	+0.120	+1.255	+0.701
70%	+1070	+42	+545	+335	+0.007	+2.83	+1.53	+4.84	-0.275	+0.143	+0.048	+0.035	+0.055	+0.976	+0.365
80%	+920	+17	+453	+267	+0.003	+2.36	+1.26	+3.99	-0.170	+0.068	+0.013	+0.021	0.000	0.000	+0.162
90%	+711	-18	+326	+173	-0.003	+1.71	+0.90	+2.80	-0.024	-0.036	-0.036	+0.002	-0.039	+0.572	-0.120
95%	+539	-47	+221	+96	-0.008	+1.17	+0.60	+1.82	+0.096	-0.122	-0.076	-0.014	-0.084	+0.378	-0.352
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	95	133	171	107	132	171	171	171	107	107	107	107	107	107	107
Number of rams	18282	22601	26649	19476	22601	26649	26649	26649	19476	19476	19476	19476	19476	19476	19476

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

NZGE August 2019

SIL GE # 36820

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%	+2996	+3578	+3187	+4966	+3138	+740	+765	+2259	+146	+1549	+824	+369	+592	+2259	+89	+504
10%	+2744	+3273	+2933	+4583	+2842	+652	+673	+2046	+8	+1385	+713	+326	+470	+1993	+74	+429
20%	+2440	+2903	+2626	+4120	+2484	+546	+562	+1789	-159	+1187	+580	+274	+323	+1672	+56	+339
30%	+2220	+2636	+2404	+3785	+2226	+469	+482	+1603	-280	+1044	+484	+236	+216	+1440	+42	+273
40%	+2032	+2408	+2215	+3500	+2005	+404	+413	+1445	-383	+922	+401	+204	+126	+1242	+31	+218
50%	+1857	+2195	+2038	+3232	+1799	+343	+349	+1297	-480	+808	+324	+174	+41	+1056	+21	+165
60%	+1682	+1982	+1861	+2965	+1592	+282	+284	+1149	-576	+694	+247	+144	-44	+871	+10	+113
70%	+1494	+1754	+1672	+2680	+1372	+216	+216	+990	-679	+572	+165	+112	-135	+673	-1	+58
80%	+1274	+1487	+1450	+2345	+1113	+140	+135	+805	-800	+429	+69	+74	-241	+441	-14	-8
90%	+970	+1117	+1143	+1882	+755	+33	+24	+547	-967	+231	-65	+22	-388	+120	-32	-98
95%	+718	+811	+889	+1499	+459	-55	-68	+335	-1105	+68	-175	-21	-510	-146	-48	-173
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	117	91	37	23	26	216	235	261	164	261	150	145	40	26	29	62
Number of rams	69746	50725	20808	13226	13206	91063	92797	96266	81182	96266	57423	75383	21556	14670	13631	39679

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE August 2019

SIL GE# 36820

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	+0.030	+5.25	+2.90	+9.29	+2.55	-0.99	-0.585	+0.425	+0.199	+0.102	+0.236	+1.312	+1.205	+0.632
10%	+0.28	+0.039	+0.026	+4.74	+2.63	+8.40	+2.25	-0.05	-0.474	+0.350	+0.165	+0.085	+0.196	+1.142	+0.971	+0.559
20%	+0.23	+0.032	+0.020	+4.13	+2.29	+7.31	+1.89	+1.08	-0.338	+0.260	+0.124	+0.065	+0.146	+0.937	+0.688	+0.470
30%	+0.20	+0.027	+0.016	+3.68	+2.05	+6.53	+1.63	+1.91	-0.241	+0.194	+0.094	+0.051	+0.111	+0.790	+0.484	+0.406
50%	+0.14	+0.020	+0.010	+2.95	+1.65	+5.24	+1.20	+3.26	-0.080	+0.086	+0.046	+0.027	+0.052	+0.545	+0.147	+0.300
70%	+0.08	+0.012	+0.003	+2.21	+1.25	+3.94	+0.77	+4.62	+0.081	-0.021	-0.003	+0.004	-0.006	+0.301	-0.190	+0.194
80%	+0.05	+0.007	-0.001	+1.76	+1.00	+3.16	+0.51	+5.44	+0.179	-0.087	-0.033	-0.011	-0.042	+0.153	-0.394	+0.130
90%	+0.00	+0.001	-0.006	+1.15	+0.67	+2.08	+0.15	+6.58	+0.314	-0.177	-0.074	-0.031	-0.091	-0.052	-0.677	+0.041
95%	-0.04	-0.005	-0.011	+0.64	+0.39	+1.18	-0.14	+7.52	+0.426	-0.252	-0.108	-0.047	-0.131	-0.222	-0.911	-0.033
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	261	261	261	261	164	150	150	150	150	150	150	150	145
Number of rams	91063	92797	92797	96266	96266	96266	96266	81182	57423	57423	57423	57423	57423	57423	57423	75383

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE August 2019

SIL GE# 36820

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%	-37.3	-38.2	-58.0	+55.80	+1.10	-0.75	-0.75	-1.16	+0.28
10%	-28.9	-29.2	-48.3	+48.63	+0.88	-0.61	-0.63	-1.02	+0.24
20%	-18.7	-18.4	-36.7	+39.95	+0.62	-0.45	-0.48	-0.86	+0.19
30%	-11.4	-10.6	-28.2	+33.68	+0.43	-0.34	-0.37	-0.74	+0.15
50%	+0.7	+2.2	-14.3	+23.33	+0.11	-0.15	-0.19	-0.54	+0.09
70%	+12.8	+15.1	-0.4	+12.98	-0.20	+0.04	-0.01	-0.35	+0.03
80%	+20.2	+22.9	+8.0	+6.72	-0.39	+0.16	+0.09	-0.23	-0.00
90%	+30.4	+33.7	+19.7	-1.96	-0.66	+0.32	+0.24	-0.06	-0.05
95%	+38.8	+42.6	+29.3	-9.13	-0.87	+0.45	+0.37	+0.07	-0.09
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	33	33	26	65
Number of rams	21556	21556	21556	1432	1432	15301	15301	14670	41087

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

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