

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

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NZGE April 2018

SIL GE# 35599

Rams born in 2015-2017

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	EMAc ¹
5%	+1624	+168	+1081	+495	+0.028	+5.46	+3.11	+9.53	-1.362	+1.125	+0.382	+0.314	+0.441	+2.306
10%	+1492	+141	+981	+441	+0.023	+4.96	+2.82	+8.64	-1.213	+0.994	+0.336	+0.277	+0.390	+2.033
20%	+1332	+108	+860	+376	+0.018	+4.35	+2.47	+7.56	-1.033	+0.836	+0.282	+0.232	+0.328	+1.702
30%	+1217	+85	+773	+330	+0.014	+3.91	+2.21	+6.78	-0.903	+0.721	+0.242	+0.200	+0.283	+1.464
50%	+1027	+46	+629	+253	+0.008	+3.18	+1.79	+5.50	-0.688	+0.532	+0.177	+0.146	+0.210	+1.069
70%	+836	+7	+486	+175	+0.001	+2.45	+1.37	+4.22	-0.473	+0.343	+0.111	+0.093	+0.136	+0.675
80%	+721	-16	+399	+129	-0.003	+2.01	+1.12	+3.44	-0.343	+0.229	+0.072	+0.060	0.000	+0.437
90%	+561	-49	+278	+64	-0.008	+1.40	+0.77	+2.36	-0.163	+0.070	+0.017	+0.016	+0.029	+0.106
95%	+429	-76	+178	+10	-0.012	+0.90	+0.48	+1.47	-0.014	-0.061	-0.029	-0.021	-0.022	-0.167
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	sq. cm
Number of connected flocks	78	130	168	87	130	168	168	168	87	87	87	87	87	87
Number of rams	16559	24054	27635	17065	24054	27635	27635	27635	17065	17065	17065	17065	17065	17065

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 April 2018

SIL GE # 35599

Rams born in 2015-2017

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%	+2668	+2835	+2854	+4582	+2810	+733	+631	+2174	+160	+1437	+345	+371	+529	+2095	+78	+500
10%	+2434	+2588	+2610	+4185	+2557	+640	+546	+1969	+21	+1287	+279	+324	+428	+1818	+63	+425
20%	+2151	+2288	+2316	+3704	+2251	+527	+443	+1721	-147	+1106	+199	+269	+304	+1483	+45	+335
30%	+1947	+2073	+2103	+3358	+2031	+445	+369	+1542	-268	+975	+142	+228	+215	+1242	+32	+270
40%	+1773	+1888	+1921	+3062	+1842	+375	+305	+1389	-371	+863	+93	+194	+139	+1036	+20	+215
50%	+1610	+1716	+1751	+2785	+1666	+310	+246	+1247	-468	+758	+47	+162	+68	+843	+10	+163
60%	+1447	+1544	+1582	+2508	+1489	+245	+187	+1104	-565	+653	+1	+130	-3	+650	-1	+111
70%	+1273	+1359	+1400	+2212	+1301	+175	+123	+951	-668	+541	-48	+95	-79	+444	-12	+55
80%	+1069	+1143	+1187	+1866	+1080	+94	+49	+772	-789	+410	-106	+55	-168	+202	-25	-10
90%	+786	+844	+892	+1385	+774	-19	-54	+524	-957	+229	-185	-1	-291	-132	-43	-100
95%	+553	+597	+649	+989	+521	-113	-139	+319	-1096	+79	-251	-47	-393	-409	-59	-175
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	132	93	36	26	28	222	235	266	150	266	141	145	38	34	36	52
Number of rams	72767	52962	18072	15454	18321	95748	96022	102164	79892	102164	61074	76343	18484	17935	19817	31200

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE April 2018

SIL GE# 35599

Rams born in 2015-2017

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	EMAc ¹	FW12
5%	+0.32	+0.036	+0.027	+5.03	+2.87	+8.77	+2.36	-1.09	-0.859	+0.601	+0.207	+0.164	+0.237	+1.400	+0.635
10%	+0.27	+0.031	+0.023	+4.54	+2.59	+7.93	+2.07	-0.15	-0.723	+0.488	+0.168	+0.131	+0.193	+1.119	+0.556
20%	+0.22	+0.025	+0.017	+3.94	+2.26	+6.92	+1.72	+1.00	-0.558	+0.350	+0.122	+0.091	+0.140	+0.778	+0.461
30%	+0.19	+0.021	+0.014	+3.51	+2.02	+6.19	+1.46	+1.82	-0.439	+0.250	+0.088	+0.062	+0.102	+0.532	+0.393
50%	+0.13	+0.014	+0.007	+2.80	+1.62	+4.98	+1.04	+3.18	-0.242	+0.086	+0.032	+0.015	+0.039	+0.125	+0.280
70%	+0.07	+0.006	+0.001	+2.09	+1.23	+3.77	+0.62	+4.55	-0.045	-0.079	-0.024	-0.033	-0.024	-0.281	+0.166
80%	+0.03	+0.002	-0.003	+1.66	+0.99	+3.04	+0.36	+5.37	+0.074	-0.178	-0.057	-0.061	-0.063	-0.527	+0.098
90%	-0.02	-0.004	-0.008	+1.07	+0.66	+2.02	+0.01	+6.51	+0.239	-0.316	-0.104	-0.101	-0.115	-0.868	+0.003
95%	-0.06	-0.009	-0.013	+0.58	+0.38	+1.19	-0.28	+7.46	+0.375	-0.430	-0.143	-0.134	-0.159	-1.150	-0.076
Units	x100 =%	x100 =%	x100 =%	kg	kg	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	sq. cm	kg
Number of connected flocks	222	235	235	266	266	266	266	150	141	141	141	141	141	141	145
Number of rams	95748	96022	96022	102164	102164	102164	102164	79892	61074	61074	61074	61074	61074	61074	76343

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE April 2018

SIL GE# 35599

Rams born in 2015-2017

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%	-33.1	-35.3	-51.0	+41.86	+1.05	-0.70	-0.60	-1.08	+0.26
10%	-25.9	-27.6	-43.2	+37.57	+0.86	-0.56	-0.48	-0.93	+0.22
20%	-17.2	-18.3	-33.8	+32.39	+0.63	-0.40	-0.34	-0.76	+0.17
30%	-11.0	-11.6	-27.1	+28.65	+0.47	-0.28	-0.24	-0.64	+0.14
50%	-0.6	-0.5	-15.9	+22.47	+0.19	-0.09	-0.07	-0.43	+0.08
70%	+9.8	+10.6	-4.7	+16.29	-0.08	+0.11	+0.10	-0.23	+0.03
80%	+16.1	+17.3	+2.0	+12.55	-0.25	+0.23	+0.20	-0.10	-0.01
90%	+24.8	+26.6	+11.4	+7.36	-0.48	+0.39	+0.34	+0.07	-0.05
95%	+32.0	+34.3	+19.1	+3.08	-0.67	+0.53	+0.46	+0.21	-0.09
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	38	38	38	5	5	39	39	34	53
Number of rams	18484	18484	18484	1449	1449	20989	20989	17935	31200

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

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