

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE August 2018

SIL GE# 35769

Sires with progeny 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%	+1742	+222	+1179	+578	+0.037	+6.14	+3.36	+10.31	-1.596	+1.328	+0.456	+0.376	+0.519	+2.690
10%	+1604	+183	+1075	+514	+0.030	+5.57	+3.06	+9.39	-1.418	+1.169	+0.400	+0.330	+0.457	+2.372
20%	+1436	+136	+948	+437	+0.023	+4.88	+2.70	+8.29	-1.202	+0.976	+0.332	+0.274	+0.381	+1.986
30%	+1315	+102	+857	+381	+0.017	+4.38	+2.44	+7.49	-1.046	+0.837	+0.283	+0.235	+0.327	+1.708
50%	+1116	+46	+706	+289	+0.008	+3.56	+2.01	+6.17	-0.789	+0.607	+0.202	+0.169	+0.237	+1.248
70%	+916	-10	+555	+197	-0.002	+2.74	+1.58	+4.85	-0.531	+0.377	+0.121	+0.103	+0.147	+0.788
80%	+795	-43	+464	+141	-0.007	+2.24	+1.32	+4.05	-0.375	+0.238	+0.072	+0.063	0.000	+0.510
90%	+628	-90	+337	+64	-0.015	+1.55	+0.96	+2.95	-0.159	+0.045	+0.004	+0.007	+0.017	+0.124
95%	+489	-129	+232	-0	-0.021	+0.98	+0.66	+2.03	+0.019	-0.114	-0.052	-0.038	-0.046	-0.194
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	91	138	175	99	138	175	175	175	99	99	99	99	99	99
Number of sires	1240	1646	1987	1287	1646	1987	1987	1987	1287	1287	1287	1287	1287	1287

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 - Sire Percentile Bands

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NZGE August 2018

SIL GE # 35769

Sires with progeny 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%	+2980	+3134	+3085	+4914	+3031	+864	+800	+2328	+282	+1661	+496	+454	+729	+2385	+100	+672	
10%	+2710	+2861	+2824	+4471	+2759	+736	+678	+2110	+116	+1482	+405	+393	+587	+2040	+80	+562	
20%	+2384	+2530	+2507	+3934	+2431	+582	+531	+1846	-84	+1266	+295	+319	+415	+1622	+56	+428	
30%	+2148	+2291	+2279	+3546	+2194	+471	+425	+1655	-228	+1109	+216	+266	+291	+1321	+39	+331	
40%	+1947	+2088	+2084	+3215	+1992	+376	+335	+1493	-352	+976	+148	+221	+185	+1064	+24	+249	
50%	+1759	+1897	+1902	+2906	+1802	+287	+250	+1340	-467	+851	+84	+179	+85	+824	+10	+172	
60%	+1571	+1707	+1720	+2597	+1613	+199	+166	+1188	-583	+726	+21	+136	-14	+584	-3	+95	
70%	+1370	+1503	+1525	+2266	+1411	+104	+75	+1025	-706	+592	-47	+91	-120	+326	-18	+12	
80%	+1134	+1264	+1297	+1878	+1174	-7	-31	+835	-851	+436	-126	+38	-244	+25	-35	-84	
90%	+807	+933	+981	+1341	+845	-161	-178	+571	-1051	+219	-236	-36	-416	-392	-59	-218	
95%	+538	+660	+719	+898	+574	-289	-299	+353	-1216	+40	-327	-96	-559	-737	-79	-329	
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	137	97	39	28	30	231	240	272	156	272	153	150	40	37	37	66	
Number of sires	3281	2394	855	862	834	4446	4391	4944	3591	4944	2954	3454	867	1013	942	1852	

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

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NZGE August 2018

SIL GE# 35769

Sires with progeny 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%	+0.38	+0.046	+0.037	+5.62	+3.05	+9.34	+2.81	-1.92	-1.139	+0.863	+0.302	+0.235	+0.340	+1.942	+0.776
10%	+0.33	+0.039	+0.030	+5.04	+2.76	+8.45	+2.45	-0.79	-0.962	+0.706	+0.248	+0.190	+0.279	+1.565	+0.673
20%	+0.26	+0.030	+0.022	+4.35	+2.41	+7.37	+2.01	+0.57	-0.748	+0.516	+0.182	+0.136	+0.206	+1.109	+0.548
30%	+0.21	+0.024	+0.017	+3.85	+2.15	+6.59	+1.69	+1.55	-0.593	+0.378	+0.135	+0.096	+0.153	+0.780	+0.459
50%	+0.13	+0.014	+0.007	+3.02	+1.73	+5.31	+1.16	+3.18	-0.338	+0.152	+0.056	+0.032	+0.065	+0.236	+0.310
70%	+0.05	+0.003	-0.002	+2.20	+1.31	+4.02	+0.63	+4.80	-0.082	-0.075	-0.022	-0.033	-0.023	-0.308	+0.161
80%	-0.00	-0.003	-0.008	+1.70	+1.06	+3.24	+0.31	+5.79	+0.072	-0.212	-0.070	-0.073	-0.076	-0.637	+0.071
90%	-0.07	-0.011	-0.015	+1.00	+0.71	+2.17	-0.13	+7.15	+0.287	-0.402	-0.136	-0.127	-0.150	-1.093	-0.054
95%	-0.13	-0.018	-0.022	+0.43	+0.41	+1.27	-0.49	+8.28	+0.464	-0.559	-0.190	-0.172	-0.211	-1.470	-0.157
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	231	240	240	272	272	272	272	156	153	153	153	153	153	153	150
Number of sires	4446	4391	4391	4944	4944	4944	4944	3591	2954	2954	2954	2954	2954	2954	3454

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE August 2018

SIL GE# 35769

Sires with progeny 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%	-45.5	-51.8	-64.5	+56.12	+1.72	-0.85	-0.81	-1.22	+0.36
10%	-35.4	-40.5	-54.3	+48.91	+1.39	-0.69	-0.65	-1.04	+0.30
20%	-23.1	-26.8	-41.9	+40.18	+0.99	-0.48	-0.46	-0.83	+0.23
30%	-14.2	-16.9	-33.0	+33.89	+0.70	-0.34	-0.31	-0.67	+0.18
50%	+0.4	-0.6	-18.3	+23.48	+0.23	-0.09	-0.08	-0.42	+0.10
70%	+15.1	+15.8	-3.5	+13.08	-0.25	+0.15	+0.15	-0.16	+0.01
80%	+23.9	+25.6	+5.4	+6.79	-0.54	+0.30	+0.29	-0.01	-0.04
90%	+36.2	+39.3	+17.7	-1.94	-0.94	+0.50	+0.49	+0.21	-0.11
95%	+46.3	+50.7	+27.9	-9.15	-1.27	+0.67	+0.65	+0.38	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	5	5	40	40	37	69
Number of sires	912	912	912	65	65	1027	1027	1030	1971

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

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