

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE 2 February 2018

SIL GE# 35423

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	LNLV	HQLY	EMAc ¹
5%	+1806	+223	+1205	+603	+0.037	+6.21	+3.45	+10.58	-1.668	+1.390	+0.479	+0.396	+0.542	+2.830
10%	+1678	+184	+1102	+541	+0.030	+5.65	+3.15	+9.67	-1.487	+1.234	+0.423	+0.351	+0.481	+2.519
20%	+1523	+137	+976	+466	+0.023	+4.97	+2.79	+8.57	-1.269	+1.046	+0.355	+0.297	+0.408	+2.142
30%	+1411	+103	+886	+411	+0.017	+4.49	+2.54	+7.77	-1.111	+0.910	+0.306	+0.258	+0.355	+1.870
50%	+1226	+47	+736	+321	+0.008	+3.68	+2.11	+6.46	-0.851	+0.685	+0.225	+0.193	+0.267	+1.420
70%	+1042	-9	+587	+232	-0.001	+2.87	+1.68	+5.15	-0.590	+0.460	+0.144	+0.129	+0.179	+0.971
80%	+930	-43	+496	+177	-0.007	+2.38	+1.42	+4.35	-0.432	+0.324	+0.095	+0.090	0.000	+0.699
90%	+775	-90	+371	+102	-0.015	+1.70	+1.06	+3.25	-0.214	+0.136	+0.027	+0.035	+0.052	+0.322
95%	+647	-129	+267	+40	-0.021	+1.14	+0.76	+2.34	-0.033	-0.020	-0.029	-0.009	-0.009	+0.010
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	57	109	146	65	109	146	146	146	65	65	65	65	65	65
Number of sires	941	1413	1791	1071	1413	1791	1791	1791	1071	1071	1071	1071	1071	1071

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

NZGE 2 February 2018

SIL GE # 35423

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%	+2968	+3136	+3120	+5045	+3063	+871	+786	+2392	+240	+1663	+525	+462	+741	+2490	+99	+652
10%	+2707	+2866	+2867	+4600	+2787	+744	+668	+2170	+77	+1487	+434	+400	+601	+2131	+79	+549
20%	+2392	+2539	+2560	+4061	+2453	+591	+525	+1902	-121	+1274	+324	+326	+432	+1697	+56	+425
30%	+2165	+2303	+2340	+3673	+2213	+480	+422	+1709	-263	+1121	+245	+272	+310	+1384	+40	+335
40%	+1971	+2102	+2151	+3341	+2007	+386	+334	+1543	-385	+990	+178	+226	+205	+1116	+25	+259
50%	+1790	+1913	+1974	+3030	+1815	+297	+252	+1389	-499	+867	+114	+183	+108	+866	+12	+187
60%	+1609	+1725	+1798	+2720	+1623	+209	+170	+1234	-613	+744	+51	+140	+10	+616	-1	+115
70%	+1414	+1523	+1609	+2388	+1417	+115	+82	+1069	-734	+613	-17	+94	-94	+348	-16	+38
80%	+1187	+1287	+1388	+1999	+1177	+4	-21	+876	-877	+460	-96	+41	-216	+35	-32	-51
90%	+872	+960	+1082	+1461	+843	-149	-164	+607	-1075	+247	-206	-34	-386	-400	-56	-176
95%	+612	+690	+829	+1016	+567	-276	-282	+386	-1238	+71	-296	-95	-525	-758	-75	-279
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	124	81	32	25	25	216	220	251	147	251	127	139	35	33	34	49
Number of sires	2952	1952	672	737	699	4163	4167	4754	3489	4754	2530	3187	763	889	886	1474

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE 2 February 2018

SIL GE# 35423

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%	+0.39	+0.046	+0.036	+5.69	+3.15	+9.63	+2.88	-1.63	-1.183	+0.915	+0.320	+0.246	+0.363	+2.044	+0.791
10%	+0.33	+0.039	+0.029	+5.12	+2.85	+8.73	+2.50	-0.52	-1.004	+0.758	+0.266	+0.202	+0.302	+1.666	+0.687
20%	+0.26	+0.030	+0.022	+4.43	+2.50	+7.64	+2.04	+0.82	-0.788	+0.567	+0.200	+0.148	+0.227	+1.209	+0.560
30%	+0.21	+0.024	+0.016	+3.93	+2.24	+6.85	+1.71	+1.79	-0.632	+0.430	+0.152	+0.110	+0.174	+0.879	+0.469
50%	+0.13	+0.014	+0.007	+3.11	+1.81	+5.55	+1.16	+3.39	-0.373	+0.203	+0.073	+0.046	+0.085	+0.334	+0.318
70%	+0.05	+0.004	-0.002	+2.28	+1.39	+4.25	+0.62	+5.00	-0.115	-0.023	-0.005	-0.018	-0.004	-0.211	+0.168
80%	+0.00	-0.002	-0.007	+1.78	+1.13	+3.47	+0.29	+5.97	+0.041	-0.161	-0.053	-0.056	-0.058	-0.540	+0.076
90%	-0.07	-0.011	-0.015	+1.09	+0.77	+2.37	-0.17	+7.31	+0.258	-0.351	-0.119	-0.110	-0.132	-0.998	-0.050
95%	-0.12	-0.018	-0.021	+0.52	+0.48	+1.47	-0.55	+8.42	+0.437	-0.508	-0.173	-0.154	-0.194	-1.375	-0.154
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	216	220	220	251	251	251	251	147	127	127	127	127	127	127	139
Number of sires	4163	4167	4167	4754	4754	4754	4754	3489	2530	2530	2530	2530	2530	2530	3187

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE 2 February 2018

SIL GE# 35423

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%	-47.1	-51.6	-65.0	+54.48	+1.83	-0.86	-0.79	-1.27	+0.35
10%	-37.0	-40.6	-55.0	+47.62	+1.48	-0.69	-0.64	-1.09	+0.29
20%	-24.7	-27.2	-42.9	+39.31	+1.06	-0.49	-0.45	-0.86	+0.23
30%	-15.8	-17.6	-34.2	+33.32	+0.76	-0.34	-0.32	-0.70	+0.18
50%	-1.2	-1.7	-19.7	+23.41	+0.26	-0.11	-0.09	-0.44	+0.10
70%	+13.5	+14.2	-5.3	+13.51	-0.24	+0.13	+0.13	-0.17	+0.02
80%	+22.3	+23.8	+3.4	+7.52	-0.55	+0.28	+0.27	-0.01	-0.02
90%	+34.6	+37.2	+15.5	-0.79	-0.97	+0.48	+0.45	+0.21	-0.09
95%	+44.8	+48.2	+25.5	-7.65	-1.32	+0.65	+0.61	+0.40	-0.14
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	35	35	35	5	5	37	37	33	50
Number of sires	808	808	808	65	65	971	971	906	1517

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

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