

**NZGE 31 March 2017**

SIL GE# 34841

Sires with progeny born in **2014-2016**

Threshold to be in top X%	NZTW	NZGE Terminal Sire Sub-indexes			NZGE Terminal Sire - estimated Breeding Values (eBV)									
		TSS	TSG	TSM	SUR	WWT	CWT	LW8 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	EMAc <sup>1</sup>
5%	+1720	+166	+1101	+638	+0.036	+6.28	+3.51	+10.77	-1.626	+1.368	+0.472	+0.390	+0.533	+2.869
10%	+1597	+138	+1010	+573	+0.030	+5.74	+3.23	+9.89	-1.448	+1.214	+0.416	+0.345	+0.473	+2.552
20%	<b>+1447</b>	<b>+104</b>	<b>+900</b>	<b>+493</b>	<b>+0.023</b>	<b>+5.08</b>	<b>+2.88</b>	<b>+8.81</b>	<b>-1.233</b>	<b>+1.027</b>	<b>+0.349</b>	<b>+0.292</b>	<b>+0.400</b>	<b>+2.168</b>
30%	+1339	+79	+821	+436	+0.017	+4.60	+2.62	+8.04	-1.078	+0.893	+0.300	+0.253	+0.348	+1.892
50%	<b>+1161</b>	<b>+38</b>	<b>+690</b>	<b>+342</b>	<b>+0.008</b>	<b>+3.82</b>	<b>+2.21</b>	<b>+6.76</b>	<b>-0.821</b>	<b>+0.670</b>	<b>+0.220</b>	<b>+0.189</b>	<b>+0.261</b>	<b>+1.434</b>
70%	+983	-3	+559	+248	-0.001	+3.03	+1.79	+5.49	-0.564	+0.448	+0.140	+0.125	+0.174	+0.977
80%	+875	-28	+480	+191	-0.006	+2.56	+1.54	+4.71	-0.409	+0.313	+0.091	+0.086	0.000	+0.700
90%	+725	-62	+370	+111	-0.014	+1.90	+1.19	+3.64	-0.194	+0.126	+0.024	+0.033	+0.049	+0.316
95%	+602	-90	+279	+46	-0.020	+1.36	+0.90	+2.76	-0.016	-0.028	-0.032	-0.012	-0.011	-0.001
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	62	108	138	73	108	138	138	138	73	73	73	73	73	73
Number of sires	981	1385	1758	1150	1385	1758	1758	1758	1150	1150	1150	1150	1150	1150

<sup>1</sup>These eBVs 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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Threshold to be in top X%	NZGE Dual Purpose Indexes					NZGE Dual Purpose Sub-indexes									
	NZMW	MW +M	MW +F	MW +X	MW +D	DPR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD
5%	+2630	+2728	+2700	+4128	+2699	+798	+573	+2177	+180	+1548	+418	+341	+547	+1757	+82
10%	+2408	+2502	+2493	+3749	+2466	+686	+488	+1977	+47	+1389	+347	+297	+437	+1499	+66
20%	+2138	+2228	+2242	+3291	+2185	+551	+386	+1735	-114	+1195	+261	+243	+304	+1187	+47
30%	+1943	+2031	+2060	+2960	+1982	+454	+313	+1560	-230	+1056	+199	+204	+208	+961	+33
40%	+1777	+1863	+1906	+2678	+1808	+371	+250	+1411	-329	+937	+146	+170	+127	+769	+21
50%	+1622	+1705	+1761	+2414	+1646	+293	+191	+1271	-422	+826	+96	+139	+50	+589	+10
60%	+1467	+1547	+1616	+2150	+1484	+215	+132	+1131	-515	+715	+46	+108	-27	+409	-1
70%	+1301	+1379	+1462	+1868	+1310	+132	+69	+982	-614	+596	-7	+74	-108	+217	-13
80%	+1106	+1182	+1280	+1537	+1107	+35	-4	+807	-730	+457	-69	+35	-204	-9	-27
90%	+836	+908	+1029	+1079	+826	-100	-106	+565	-891	+263	-155	-19	-337	-321	-46
95%	+614	+682	+822	+700	+593	-212	-191	+365	-1024	+104	-226	-63	-447	-579	-62
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	Lamb Survival	Lamb Growth	Adult size	Lamb Growth + Adult size	Meat Yield	Wool	Internal parasite resistance - WormFEC	Facial Eczema	Dag score
Number of connected flocks	138	102	37	29	27	240	245	277	142	277	164	154	38	35	35
Number of sires	3124	2291	896	857	743	4281	4446	4934	3358	4934	3170	3321	922	965	866

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Sires with progeny born in 2014-2016

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (eBV)														
	NLB	SUR	SURm	WWT	CWT	LW8 <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLV	HQLV	EMAc <sup>1</sup>	FW12
5%	+0.36	+0.045	+0.033	+5.82	+3.23	+9.90	+2.71	-1.51	-1.104	+0.867	+0.299	+0.234	+0.343	+2.029	+0.787
10%	+0.31	+0.038	+0.027	+5.24	+2.93	+8.98	+2.36	-0.39	-0.933	+0.721	+0.249	+0.193	+0.286	+1.662	+0.685
20%	<b>+0.25</b>	<b>+0.030</b>	<b>+0.021</b>	<b>+4.54</b>	<b>+2.57</b>	<b>+7.86</b>	<b>+1.94</b>	<b>+0.96</b>	<b>-0.727</b>	<b>+0.543</b>	<b>+0.188</b>	<b>+0.143</b>	<b>+0.217</b>	<b>+1.218</b>	<b>+0.561</b>
30%	+0.20	+0.024	+0.016	+4.03	+2.30	+7.06	+1.64	+1.94	-0.577	+0.415	+0.144	+0.107	+0.167	+0.898	+0.472
50%	<b>+0.13</b>	<b>+0.014</b>	<b>+0.008</b>	<b>+3.19</b>	<b>+1.87</b>	<b>+5.72</b>	<b>+1.14</b>	<b>+3.55</b>	<b>-0.331</b>	<b>+0.204</b>	<b>+0.072</b>	<b>+0.047</b>	<b>+0.085</b>	<b>+0.368</b>	<b>+0.324</b>
70%	+0.06	+0.004	-0.001	+2.36	+1.43	+4.39	+0.64	+5.16	-0.084	-0.007	-0.001	-0.012	+0.003	-0.162	+0.177
80%	+0.02	-0.002	-0.005	+1.85	+1.17	+3.59	+0.33	+6.14	+0.065	-0.135	-0.045	-0.048	-0.047	-0.482	+0.087
90%	-0.05	-0.011	-0.012	+1.15	+0.81	+2.47	-0.09	+7.49	+0.272	-0.312	-0.106	-0.098	-0.116	-0.926	-0.037
95%	-0.10	-0.017	-0.018	+0.57	+0.50	+1.55	-0.44	+8.61	+0.442	-0.459	-0.156	-0.139	-0.173	-1.293	-0.139
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	240	245	245	277	277	277	277	142	164	164	164	164	164	164	154
Number of sires	4281	4446	4446	4934	4934	4934	4934	3358	3170	3170	3170	3170	3170	3170	3321

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SIL GE# 34841

Sires with progeny born in

2014-2016

Threshold to be in top X%	NZGE - estimated Breeding Values (eBV) for Health Traits - DP & TS flocks combined							
	FEC1	FEC2	AFEC	DRAGE	RGAIN	LDAG	ADAG	GGT21
5%	-44.1	-47.5	-62.2	+58.65	+1.69	-0.76	-0.92	-1.23
10%	-34.1	-36.9	-52.1	+51.13	+1.36	-0.62	-0.74	-1.05
20%	<b>-21.9</b>	<b>-24.0</b>	<b>-39.7</b>	<b>+42.02</b>	<b>+0.96</b>	<b>-0.44</b>	<b>-0.53</b>	<b>-0.83</b>
30%	-13.2	-14.7	-30.9	+35.46	+0.68	-0.31	-0.37	-0.67
50%	<b>+1.3</b>	<b>+0.7</b>	<b>-16.2</b>	<b>+24.60</b>	<b>+0.20</b>	<b>-0.10</b>	<b>-0.12</b>	<b>-0.41</b>
70%	+15.8	+16.0	-1.5	+13.75	-0.27	+0.11	+0.14	-0.15
80%	+24.6	+25.3	+7.4	+7.18	-0.56	+0.24	+0.29	+0.01
90%	+36.7	+38.2	+19.7	-1.92	-0.96	+0.42	+0.51	+0.22
95%	+46.8	+48.8	+29.9	-9.44	-1.29	+0.57	+0.68	+0.40
Units	%	%	%	days	kg	score	score	
Number of connected flocks	38	38	38	5	5	39	39	35
Number of sires	967	967	967	66	66	998	998	965

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

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