

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE June 2019

SIL GE# 36705

Sires with progeny born in

2016-2018

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%	+2076	+256	+1188	+849	+0.042	+6.34	+3.33	+10.59	-1.153	+0.781	+0.356	+0.152	+0.398	+2.203	+2.011
10%	+1909	+216	+1082	+765	+0.036	+5.76	+3.03	+9.65	-1.008	+0.675	+0.304	+0.132	+0.340	+2.000	+1.725
20%	+1707	+167	+953	+664	+0.028	+5.05	+2.67	+8.51	-0.834	+0.546	+0.241	+0.109	+0.270	+1.754	+1.378
30%	+1562	+132	+860	+591	+0.022	+4.54	+2.41	+7.69	-0.708	+0.454	+0.195	+0.092	+0.219	+1.577	+1.128
50%	+1322	+73	+706	+471	+0.012	+3.70	+1.98	+6.33	-0.499	+0.301	+0.120	+0.064	+0.136	+1.285	+0.715
70%	+1081	+15	+552	+350	+0.003	+2.85	+1.55	+4.97	-0.291	+0.148	+0.045	+0.036	+0.052	+0.992	+0.301
80%	+936	-21	+459	+277	-0.003	+2.34	+1.29	+4.14	-0.165	+0.055	-0.000	+0.019	0.000	0.000	+0.051
90%	+734	-69	+330	+176	-0.011	+1.63	+0.92	+3.00	+0.010	-0.073	-0.063	-0.005	-0.068	+0.569	-0.296
95%	+568	-110	+224	+92	-0.018	+1.05	+0.62	+2.06	+0.154	-0.179	-0.115	-0.024	-0.126	+0.366	-0.582
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	93	132	170	105	132	170	170	170	105	105	105	105	105	105	105
Number of sires	1244	1565	1910	1423	1565	1910	1910	1910	1423	1423	1423	1423	1423	1423	1423

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 June 2019

SIL GE # 36705

Sires with progeny born in

2016-2018

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%	+3069	+3648	+3145	+5104	+3134	+850	+858	+2335	+280	+1688	+1031	+447	+709	+2663	+106	+700
10%	+2800	+3330	+2863	+4640	+2838	+727	+734	+2121	+115	+1509	+887	+387	+551	+2299	+87	+585
20%	+2474	+2945	+2520	+4077	+2479	+579	+583	+1863	-85	+1292	+712	+315	+359	+1857	+64	+447
30%	+2239	+2667	+2273	+3672	+2220	+472	+475	+1676	-228	+1136	+586	+263	+221	+1538	+47	+347
40%	+2038	+2430	+2062	+3325	+1998	+381	+382	+1517	-351	+1002	+479	+218	+103	+1266	+32	+262
50%	+1850	+2208	+1865	+3001	+1792	+295	+295	+1368	-466	+877	+378	+176	-7	+1012	+19	+182
60%	+1662	+1986	+1668	+2677	+1585	+210	+209	+1219	-581	+752	+278	+134	-118	+758	+5	+103
70%	+1461	+1749	+1457	+2330	+1364	+119	+116	+1060	-704	+618	+170	+90	-236	+485	-9	+18
80%	+1226	+1471	+1210	+1925	+1105	+12	+8	+873	-848	+462	+44	+38	-374	+167	-26	-82
90%	+900	+1086	+868	+1362	+746	-137	-143	+615	-1047	+245	-130	-35	-565	-275	-49	-221
95%	+631	+768	+585	+897	+449	-259	-267	+401	-1212	+66	-274	-95	-724	-639	-69	-335
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	113	88	37	23	24	213	233	256	161	256	149	141	40	26	29	60
Number of sires	3110	2317	1187	755	761	4389	4534	4976	3866	4976	2954	3472	1244	852	822	1882

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE June 2019

SIL GE# 36705

Sires with progeny born in

2016-2018

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%	+0.38	+0.052	+0.037	+5.67	+2.98	+9.60	+2.99	-1.90	-0.829	+0.601	+0.279	+0.135	+0.324	+1.599	+1.507	+0.764
10%	+0.32	+0.044	+0.030	+5.10	+2.70	+8.70	+2.62	-0.78	-0.679	+0.498	+0.232	+0.113	+0.269	+1.378	+1.212	+0.662
20%	+0.26	+0.035	+0.022	+4.42	+2.37	+7.60	+2.17	+0.58	-0.497	+0.374	+0.176	+0.087	+0.203	+1.110	+0.853	+0.539
30%	+0.21	+0.029	+0.016	+3.92	+2.12	+6.81	+1.85	+1.55	-0.365	+0.284	+0.136	+0.068	+0.155	+0.917	+0.595	+0.451
50%	+0.13	+0.018	+0.007	+3.11	+1.72	+5.50	+1.32	+3.17	-0.148	+0.136	+0.069	+0.036	+0.075	+0.598	+0.168	+0.304
70%	+0.05	+0.007	-0.003	+2.29	+1.32	+4.19	+0.78	+4.79	+0.069	-0.012	+0.002	+0.004	-0.004	+0.279	-0.259	+0.157
80%	+0.00	+0.000	-0.008	+1.80	+1.08	+3.40	+0.46	+5.77	+0.200	-0.102	-0.038	-0.015	-0.052	+0.086	-0.518	+0.068
90%	-0.06	-0.009	-0.016	+1.12	+0.74	+2.31	+0.01	+7.12	+0.383	-0.226	-0.094	-0.042	-0.119	-0.182	-0.876	-0.055
95%	-0.12	-0.016	-0.023	+0.55	+0.46	+1.40	-0.36	+8.24	+0.533	-0.329	-0.140	-0.064	-0.174	-0.403	-1.172	-0.156
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	256	256	256	256	161	149	149	149	149	149	149	149	141
Number of sires	4389	4534	4534	4976	4976	4976	4976	3866	2954	2954	2954	2954	2954	2954	2954	3472

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE June 2019

SIL GE# 36705

Sires with progeny born in

2016-2018

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%	-44.5	-49.8	-66.8	+57.79	+1.57	-0.89	-0.91	-1.37	+0.38
10%	-33.8	-37.7	-54.0	+50.14	+1.27	-0.72	-0.75	-1.18	+0.32
20%	-20.8	-23.1	-38.5	+40.87	+0.92	-0.52	-0.55	-0.95	+0.25
30%	-11.5	-12.5	-27.4	+34.19	+0.66	-0.38	-0.41	-0.79	+0.19
50%	+4.0	+4.9	-8.9	+23.14	+0.24	-0.14	-0.18	-0.52	+0.11
70%	+19.4	+22.3	+9.6	+12.09	-0.19	+0.10	+0.05	-0.25	+0.02
80%	+28.7	+32.8	+20.8	+5.41	-0.45	+0.25	+0.19	-0.08	-0.03
90%	+41.7	+47.4	+36.3	-3.86	-0.80	+0.45	+0.38	+0.15	-0.11
95%	+52.4	+59.5	+49.1	-11.51	-1.10	+0.62	+0.54	+0.33	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	33	33	26	63
Number of sires	1270	1270	1270	70	70	901	901	857	2014

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

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