

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE November 2020

SIL GE# 37837

Sires with progeny born in

2017-2019

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%	+2243	+264	+1245	+935	+0.044	+6.57	+3.51	+11.32	-1.284	+0.977	+0.455	+0.132	+0.443	+2.334	+1.928
10%	+2055	+223	+1130	+839	+0.037	+5.96	+3.18	+10.26	-1.122	+0.848	+0.391	+0.113	+0.379	+2.116	+1.647
20%	+1828	+174	+991	+723	+0.029	+5.21	+2.79	+8.98	-0.926	+0.691	+0.314	+0.090	+0.302	+1.852	+1.306
30%	+1664	+138	+891	+639	+0.023	+4.67	+2.50	+8.06	-0.785	+0.578	+0.258	+0.074	+0.246	+1.662	+1.061
50%	+1393	+79	+725	+501	+0.013	+3.78	+2.03	+6.53	-0.551	+0.391	+0.166	+0.047	+0.154	+1.347	+0.655
70%	+1121	+20	+559	+363	+0.003	+2.88	+1.56	+5.00	-0.317	+0.204	+0.074	+0.019	+0.062	+1.033	+0.249
80%	+957	-16	+458	+279	-0.003	+2.34	+1.28	+4.08	-0.176	+0.091	+0.018	+0.003	0.000	0.000	+0.004
90%	+730	-65	+319	+163	-0.011	+1.60	+0.88	+2.80	+0.020	-0.066	-0.059	-0.020	-0.071	+0.578	-0.337
95%	+542	-106	+204	+67	-0.018	+0.98	+0.56	+1.74	+0.182	-0.195	-0.123	-0.039	-0.135	+0.360	-0.618
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	110	148	188	125	148	188	188	188	125	125	125	125	125	125	125
Number of sires	1358	1630	1959	1535	1630	1959	1959	1959	1535	1535	1535	1535	1535	1535	1535

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 November 2020

SIL GE # 37837

Sires with progeny born in 2017-2019

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%	+3187	+3758	+3304	+5198	+3192	+831	+922	+2415	+240	+1762	+1064	+427	+699	+2605	+109	+705	
10%	+2911	+3436	+3019	+4723	+2909	+714	+802	+2203	+76	+1591	+910	+367	+544	+2242	+88	+592	
20%	+2577	+3046	+2673	+4147	+2566	+573	+656	+1946	-124	+1383	+725	+295	+357	+1802	+62	+456	
30%	+2336	+2765	+2424	+3732	+2319	+472	+551	+1761	-268	+1233	+591	+243	+222	+1485	+44	+357	
40%	+2130	+2525	+2211	+3378	+2108	+385	+461	+1603	-390	+1105	+477	+199	+106	+1215	+28	+273	
50%	+1937	+2300	+2012	+3046	+1911	+304	+378	+1455	-505	+985	+370	+157	-2	+961	+14	+194	
60%	+1744	+2076	+1813	+2715	+1714	+222	+294	+1307	-620	+866	+263	+115	-109	+708	-1	+115	
70%	+1538	+1836	+1600	+2361	+1503	+135	+204	+1149	-743	+738	+149	+71	-225	+437	-16	+31	
80%	+1297	+1554	+1351	+1946	+1256	+34	+99	+964	-887	+588	+15	+19	-360	+120	-35	-68	
90%	+963	+1165	+1006	+1370	+913	-107	-46	+707	-1086	+380	-171	-53	-547	-319	-60	-205	
95%	+686	+843	+720	+895	+630	-224	-167	+495	-1251	+209	-324	-113	-702	-682	-81	-318	
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	134	104	40	32	30	238	259	285	184	184	174	168	46	37	38	72	
Number of sires	3387	2778	1231	1076	905	4626	4926	5248	4077	4077	3366	3751	1319	1162	1041	2115	

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NZGE gBV's - Dual Purpose - Sire Percentile Bands

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NZGE November 2020

SIL GE# 37837

Sires with progeny born in

2017-2019

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%	+0.37	+0.055	+0.037	+5.81	+3.07	+9.91	+3.10	-1.63	-0.907	+0.761	+0.360	+0.116	+0.354	+1.625	+1.561	+0.654
10%	+0.32	+0.048	+0.031	+5.25	+2.80	+9.00	+2.75	-0.51	-0.733	+0.619	+0.294	+0.096	+0.289	+1.402	+1.256	+0.562
20%	+0.25	+0.039	+0.024	+4.58	+2.46	+7.90	+2.31	+0.84	-0.521	+0.447	+0.215	+0.072	+0.211	+1.133	+0.888	+0.450
30%	+0.21	+0.033	+0.018	+4.09	+2.21	+7.10	+2.00	+1.82	-0.369	+0.323	+0.157	+0.055	+0.155	+0.939	+0.622	+0.369
50%	+0.13	+0.023	+0.009	+3.29	+1.81	+5.79	+1.49	+3.44	-0.117	+0.118	+0.062	+0.026	+0.063	+0.618	+0.183	+0.237
70%	+0.06	+0.012	+0.000	+2.48	+1.41	+4.47	+0.97	+5.05	+0.135	-0.087	-0.034	-0.002	-0.030	+0.297	-0.256	+0.104
80%	+0.01	+0.006	-0.005	+1.99	+1.17	+3.68	+0.66	+6.03	+0.287	-0.211	-0.091	-0.019	-0.086	+0.102	-0.521	+0.023
90%	-0.05	-0.003	-0.013	+1.32	+0.83	+2.58	+0.22	+7.39	+0.499	-0.383	-0.171	-0.043	-0.164	-0.167	-0.890	-0.089
95%	-0.11	-0.010	-0.019	+0.76	+0.55	+1.66	-0.13	+8.51	+0.673	-0.525	-0.237	-0.063	-0.228	-0.389	-1.194	-0.181
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	238	259	259	285	285	285	285	184	174	174	174	174	174	174	174	168
Number of sires	4626	4926	4926	5248	5248	5248	5248	4077	3366	3366	3366	3366	3366	3366	3366	3751

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE November 2020

SIL GE# 37837

Sires with progeny born in

2017-2019

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%	-45.1	-48.9	-65.7	+53.32	+1.39	-0.93	-0.90	-1.33	+0.38
10%	-34.3	-37.0	-53.3	+45.83	+1.11	-0.76	-0.73	-1.14	+0.32
20%	-21.2	-22.6	-38.3	+36.78	+0.77	-0.54	-0.52	-0.92	+0.25
30%	-11.8	-12.2	-27.5	+30.24	+0.52	-0.39	-0.37	-0.75	+0.20
50%	+3.8	+4.9	-9.6	+19.45	+0.11	-0.13	-0.12	-0.48	+0.11
70%	+19.5	+22.0	+8.3	+8.65	-0.30	+0.12	+0.14	-0.21	+0.02
80%	+28.9	+32.4	+19.1	+2.12	-0.54	+0.28	+0.29	-0.05	-0.03
90%	+42.0	+46.8	+34.1	-6.94	-0.89	+0.49	+0.50	+0.18	-0.10
95%	+52.8	+58.6	+46.5	-14.42	-1.17	+0.67	+0.67	+0.36	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	44	44	37	76
Number of sires	1357	1357	1357	79	79	1213	1213	1187	2242

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

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