

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE September 2022

SIL GE# 39664

Sires with progeny born in

2019-2021

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%	+2652	+330	+1590	+967	+0.039	+6.80	+3.67	+11.69	-1.193	+0.857	+0.386	+0.124	+0.400	+2.279	+2.104
10%	+2413	+277	+1438	+866	+0.033	+6.13	+3.32	+10.56	-1.036	+0.739	+0.331	+0.105	+0.341	+2.064	+1.800
20%	+2122	+212	+1254	+744	+0.025	+5.33	+2.89	+9.20	-0.846	+0.596	+0.264	+0.083	+0.269	+1.803	+1.432
30%	+1913	+166	+1120	+656	+0.020	+4.76	+2.58	+8.21	-0.709	+0.493	+0.215	+0.067	+0.218	+1.615	+1.166
50%	+1567	+89	+901	+510	+0.011	+3.80	+2.07	+6.59	-0.482	+0.322	+0.135	+0.040	+0.132	+1.304	+0.728
70%	+1221	+12	+681	+365	+0.001	+2.85	+1.56	+4.96	-0.256	+0.151	+0.055	+0.013	+0.047	+0.993	+0.289
80%	+1012	-35	+547	+277	-0.004	+2.27	+1.25	+3.98	-0.119	+0.048	+0.007	-0.003	-0.005	+0.805	+0.023
90%	+722	-100	+363	+154	-0.012	+1.47	+0.83	+2.61	+0.071	-0.095	-0.060	-0.025	-0.077	+0.545	-0.345
95%	+482	-153	+211	+53	-0.018	+0.80	+0.47	+1.48	+0.228	-0.214	-0.115	-0.043	-0.136	+0.330	-0.649
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															
Number of sires	1891	2049	2397	2080	2049	2397	2397	2397	2080	2080	2080	2080	2080	2080	2080

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 September 2022

SIL GE # 39664

Sires with progeny born in 2019-2021

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3381	+3563	+3946	+3712	+5675	+3357	+921	+1287	+2650	+301	+1993	+1088	+235	+895	+2908	+109	+1226
10%	+3070	+3260	+3584	+3341	+5198	+3044	+793	+1113	+2404	+123	+1790	+927	+202	+696	+2562	+85	+1031
20%	+2693	+2893	+3146	+2891	+4621	+2665	+638	+901	+2106	-94	+1545	+731	+163	+454	+2143	+58	+795
30%	+2421	+2628	+2830	+2567	+4204	+2392	+526	+749	+1890	-250	+1368	+590	+134	+280	+1841	+37	+625
40%	+2189	+2402	+2560	+2290	+3849	+2158	+430	+618	+1707	-383	+1216	+470	+109	+131	+1583	+20	+479
50%	+1972	+2190	+2307	+2032	+3516	+1940	+341	+496	+1535	-508	+1075	+357	+86	-8	+1342	+4	+343
60%	+1755	+1979	+2055	+1773	+3184	+1722	+252	+375	+1363	-633	+934	+245	+64	-147	+1101	-12	+207
70%	+1523	+1753	+1785	+1496	+2828	+1488	+156	+244	+1179	-766	+782	+124	+39	-296	+843	-29	+62
80%	+1251	+1488	+1469	+1172	+2412	+1215	+44	+92	+964	-922	+605	-17	+10	-470	+541	-49	-108
90%	+874	+1121	+1031	+722	+1834	+836	-111	-120	+666	-1139	+360	-212	-30	-712	+123	-77	-345
95%	+563	+818	+669	+351	+1357	+523	-239	-294	+419	-1318	+157	-373	-62	-912	-223	-100	-540
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Meat Yield	Reproduction, Lamb Growth, Adult size, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, 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																	
Number of sires	4129	3384	3260	1963	1124	2434	4904	5125	5257	4380	4311	3847	3674	1995	1350	2596	2460

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE September 2022

SIL GE# 39664

Sires with progeny born in

2019-2021

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	+0.055	+0.040	+5.83	+3.07	+9.80	+3.15	-1.76	-0.874	+0.672	+0.317	+0.118	+0.333	+1.671	+1.680	+0.652
10%	+0.33	+0.048	+0.033	+5.24	+2.78	+8.87	+2.78	-0.63	-0.701	+0.545	+0.258	+0.098	+0.272	+1.432	+1.353	+0.561
20%	+0.26	+0.039	+0.025	+4.53	+2.43	+7.74	+2.32	+0.74	-0.492	+0.392	+0.187	+0.074	+0.198	+1.143	+0.957	+0.449
30%	+0.21	+0.032	+0.020	+4.02	+2.17	+6.92	+2.00	+1.73	-0.341	+0.281	+0.136	+0.056	+0.145	+0.934	+0.671	+0.369
50%	+0.14	+0.022	+0.010	+3.17	+1.75	+5.57	+1.46	+3.36	-0.092	+0.097	+0.051	+0.027	+0.057	+0.589	+0.199	+0.237
70%	+0.06	+0.011	+0.000	+2.32	+1.33	+4.22	+0.91	+4.99	+0.158	-0.086	-0.034	-0.002	-0.031	+0.244	-0.273	+0.104
80%	+0.01	+0.005	-0.005	+1.81	+1.07	+3.41	+0.59	+5.98	+0.309	-0.197	-0.085	-0.020	-0.084	+0.036	-0.558	+0.024
90%	-0.06	-0.004	-0.014	+1.10	+0.72	+2.28	+0.13	+7.35	+0.518	-0.350	-0.156	-0.045	-0.158	-0.254	-0.954	-0.087
95%	-0.11	-0.012	-0.020	+0.51	+0.42	+1.34	-0.24	+8.48	+0.691	-0.477	-0.215	-0.065	-0.219	-0.493	-1.281	-0.179
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																
Number of sires	4904	5125	5125	5257	5257	5257	5257	5257	3847	3847	3847	3847	3847	3847	3847	3674

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE September 2022

SIL GE# 39664

Sires with progeny born in 2019-2021

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	-48.2	-65.4	+35.98	+1.99	-0.82	-0.98	-1.31	+0.37
10%	-34.5	-36.7	-52.5	+30.13	+1.66	-0.65	-0.78	-1.15	+0.31
20%	-21.7	-22.8	-36.9	+23.05	+1.26	-0.44	-0.53	-0.96	+0.24
30%	-12.4	-12.8	-25.6	+17.94	+0.97	-0.29	-0.35	-0.83	+0.19
50%	+2.8	+3.8	-7.0	+9.50	+0.49	-0.05	-0.05	-0.60	+0.11
70%	+18.1	+20.4	+11.6	+1.06	+0.01	+0.20	+0.25	-0.38	+0.02
80%	+27.3	+30.4	+22.9	-4.04	-0.28	+0.35	+0.43	-0.24	-0.03
90%	+40.2	+44.4	+38.5	-11.12	-0.69	+0.55	+0.68	-0.06	-0.10
95%	+50.7	+55.8	+51.4	-16.97	-1.02	+0.72	+0.88	+0.10	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks									
Number of sires	2006	2006	2006	213	213	2870	2870	1350	2492

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

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