

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE September 2024

SIL GE# 41777

Sires with progeny born in

2021-2023

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%	+2730	+353	+1611	+976	+0.042	+6.85	+3.73	+11.80	-1.172	+0.819	+0.359	+0.124	+0.391	+2.358	+2.048
10%	+2478	+298	+1455	+874	+0.036	+6.18	+3.37	+10.65	-1.011	+0.704	+0.306	+0.106	+0.332	+2.135	+1.739
20%	+2173	+231	+1266	+749	+0.028	+5.37	+2.93	+9.25	-0.816	+0.564	+0.241	+0.083	+0.261	+1.866	+1.364
30%	+1954	+183	+1130	+660	+0.022	+4.78	+2.61	+8.24	-0.676	+0.463	+0.195	+0.067	+0.210	+1.672	+1.094
50%	+1590	+104	+905	+512	+0.012	+3.81	+2.09	+6.57	-0.443	+0.297	+0.119	+0.039	+0.125	+1.351	+0.648
70%	+1227	+24	+680	+364	+0.003	+2.84	+1.56	+4.91	-0.211	+0.130	+0.042	+0.012	+0.040	+1.030	+0.201
80%	+1008	-24	+543	+274	-0.003	+2.25	+1.24	+3.90	-0.070	+0.030	-0.004	-0.004	-0.011	+0.836	-0.069
90%	+703	-91	+354	+150	-0.011	+1.44	+0.80	+2.50	+0.124	-0.110	-0.068	-0.027	-0.083	+0.567	-0.444
95%	+451	-146	+198	+47	-0.017	+0.76	+0.44	+1.35	+0.285	-0.225	-0.121	-0.046	-0.141	+0.344	-0.753
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	116	160	203	137	160	203	203	203	137	137	137	137	137	137	137
Number of sires	2091	2446	2798	2326	2446	2798	2798	2798	2326	2326	2326	2326	2326	2326	2326

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 2024

SIL GE # 41777

Sires with progeny born in

2021-2023

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%	+3477	+3678	+4093	+3793	+5667	+3484	+923	+1273	+2680	+332	+2041	+1087	+243	+953	+2862	+107	+1305
10%	+3152	+3355	+3715	+3419	+5074	+3166	+796	+1104	+2428	+147	+1828	+933	+207	+762	+2439	+85	+1109
20%	+2757	+2965	+3257	+2965	+4357	+2780	+643	+898	+2124	-77	+1570	+747	+164	+531	+1928	+57	+870
30%	+2473	+2683	+2928	+2638	+3839	+2503	+532	+750	+1904	-238	+1384	+612	+133	+364	+1559	+37	+699
40%	+2230	+2442	+2646	+2359	+3397	+2265	+438	+623	+1717	-376	+1226	+497	+107	+222	+1244	+20	+552
50%	+2003	+2217	+2382	+2097	+2984	+2043	+349	+505	+1541	-505	+1077	+390	+82	+89	+950	+4	+415
60%	+1776	+1992	+2119	+1836	+2571	+1822	+261	+387	+1366	-634	+929	+282	+57	-45	+655	-12	+277
70%	+1533	+1751	+1837	+1557	+2129	+1584	+166	+260	+1178	-772	+770	+167	+31	-187	+340	-29	+131
80%	+1248	+1470	+1507	+1230	+1612	+1306	+56	+112	+958	-934	+584	+33	-0	-354	-28	-49	-41
90%	+854	+1079	+1050	+776	+894	+921	-97	-93	+654	-1158	+326	-154	-43	-585	-540	-76	-279
95%	+528	+756	+672	+402	+302	+603	-224	-263	+402	-1343	+114	-308	-79	-776	-962	-99	-476
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size	Reproduction, Survival, Lamb Growth, Adult size, Wool	Reproduction, Survival, Lamb Growth, Adult size, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Survival, 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	153	96	108	67	31	76	228	234	261	170	165	146	113	72	32	90	80
Number of sires	4239	3062	3410	2032	1246	2821	4985	5088	5296	4438	4388	3871	3232	2080	1260	2946	2570

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE September 2024

SIL GE # 41777

Sires with progeny born in

2021-2023

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3678	+4252	+4009	+5914	+4262	+3649	+4400	+6099	+4163	+6357
10%	+3355	+3885	+3629	+5315	+3903	+3337	+4000	+5526	+3807	+5731
20%	+2965	+3440	+3169	+4589	+3468	+2960	+3514	+4832	+3377	+4973
30%	+2683	+3119	+2838	+4066	+3154	+2688	+3165	+4332	+3067	+4427
40%	+2442	+2844	+2554	+3619	+2886	+2456	+2866	+3904	+2802	+3960
50%	+2217	+2588	+2290	+3201	+2635	+2239	+2586	+3505	+2554	+3523
60%	+1992	+2332	+2025	+2783	+2384	+2021	+2307	+3105	+2306	+3087
70%	+1751	+2058	+1742	+2336	+2116	+1789	+2008	+2678	+2041	+2619
80%	+1470	+1737	+1410	+1813	+1802	+1517	+1658	+2178	+1730	+2073
90%	+1079	+1291	+950	+1087	+1367	+1140	+1173	+1484	+1300	+1315
95%	+756	+924	+571	+488	+1007	+828	+772	+911	+945	+689
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size Wool	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size Wool, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Dag score	Reproduction, Survival, Lamb Growth, Adult size Wool, Body Condition	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Dag	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	96	73	46	26	51	54	38	24	45	24
Number of sires	3062	2621	1526	1070	2017	2249	1378	1024	2059	1024

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NZGE gBV's - Dual Purpose - Sire Percentile Bands

NZGE September 2024

SIL GE# 41777

Sires with progeny born in

2021-2023

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	+0.040	+5.81	+3.12	+9.82	+3.23	-2.10	-0.831	+0.595	+0.277	+0.120	+0.314	+1.742	+1.667	+0.677
10%	+0.32	+0.047	+0.033	+5.21	+2.82	+8.85	+2.86	-0.93	-0.670	+0.487	+0.228	+0.100	+0.259	+1.499	+1.345	+0.577
20%	+0.26	+0.039	+0.025	+4.48	+2.45	+7.69	+2.42	+0.49	-0.474	+0.356	+0.168	+0.076	+0.192	+1.205	+0.954	+0.456
30%	+0.21	+0.033	+0.019	+3.96	+2.19	+6.85	+2.10	+1.51	-0.333	+0.262	+0.124	+0.058	+0.144	+0.993	+0.673	+0.369
50%	+0.14	+0.022	+0.010	+3.09	+1.75	+5.47	+1.57	+3.20	-0.100	+0.106	+0.053	+0.029	+0.064	+0.642	+0.208	+0.225
70%	+0.06	+0.012	-0.000	+2.23	+1.31	+4.08	+1.04	+4.89	+0.133	-0.050	-0.019	+0.000	-0.015	+0.292	-0.258	+0.081
80%	+0.02	+0.006	-0.006	+1.70	+1.05	+3.24	+0.72	+5.91	+0.274	-0.144	-0.062	-0.018	-0.063	+0.080	-0.539	-0.007
90%	-0.05	-0.003	-0.014	+0.98	+0.68	+2.08	+0.28	+7.33	+0.470	-0.274	-0.122	-0.042	-0.130	-0.214	-0.930	-0.127
95%	-0.10	-0.010	-0.021	+0.38	+0.38	+1.12	-0.09	+8.50	+0.632	-0.382	-0.171	-0.062	-0.185	-0.457	-1.252	-0.227
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	228	234	234	261	261	261	261	170	146	146	146	146	146	146	146	113
Number of sires	4985	5088	5088	5296	5296	5296	5296	4438	3871	3871	3871	3871	3871	3871	3871	3232

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE September 2024

SIL GE# 41777

Sires with progeny born in

2021-2023

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%	-49.1	-51.1	-67.1	+37.69	+1.78	-0.83	-0.97	-1.25	+0.40
10%	-39.0	-40.1	-54.8	+31.25	+1.47	-0.66	-0.77	-1.06	+0.34
20%	-26.6	-26.7	-39.9	+23.46	+1.10	-0.45	-0.53	-0.83	+0.27
30%	-17.7	-17.1	-29.2	+17.85	+0.83	-0.30	-0.35	-0.66	+0.22
50%	-3.0	-1.1	-11.4	+8.56	+0.39	-0.05	-0.06	-0.39	+0.13
70%	+11.7	+14.8	+6.4	-0.73	-0.06	+0.20	+0.23	-0.11	+0.04
80%	+20.6	+24.5	+17.1	-6.35	-0.33	+0.35	+0.40	+0.05	-0.01
90%	+32.9	+37.8	+32.0	-14.14	-0.70	+0.56	+0.65	+0.28	-0.08
95%	+43.1	+48.9	+44.3	-20.57	-1.01	+0.73	+0.85	+0.47	-0.14
Units	%	%	%	days	kg	score	score	units	score
Number of connected flocks	75	75	75	5	5	103	103	33	83
Number of sires	2110	2110	2110	318	318	3336	3336	1359	2686

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

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