

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE February 2025

SIL GE# 42372 v5

Sires with progeny born in

2022-2024

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	LWg ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
1%	+3194	+476	+1893	+1190	+0.06	+8.07	+4.39	+13.88	-1.53	1.08	+0.48	+0.16	+0.52	+2.79	+2.679
2%	+3007	+433	+1777	+1112	+0.05	+7.57	+4.12	+13.02	-1.40	0.99	+0.44	+0.15	+0.48	+2.62	+2.440
5%	+2727	+369	+1602	+994	+0.044	+6.81	+3.71	+11.73	-1.214	+0.857	+0.375	+0.127	+0.408	+2.369	+2.083
10%	+2478	+312	+1447	+890	+0.037	+6.14	+3.35	+10.59	-1.046	+0.737	+0.320	+0.108	+0.347	+2.147	+1.766
20%	+2176	+244	+1260	+763	+0.029	+5.34	+2.91	+9.20	-0.843	+0.592	+0.253	+0.084	+0.273	+1.879	+1.382
30%	+1959	+194	+1125	+672	+0.023	+4.75	+2.60	+8.20	-0.697	+0.487	+0.205	+0.067	+0.220	+1.685	+1.105
40%	+1773	+152	+1009	+594	+0.018	+4.25	+2.33	+7.34	-0.572	+0.398	+0.164	+0.053			+0.868
50%	+1599	+112	+901	+521	+0.013	+3.79	+2.08	+6.55	-0.456	+0.315	+0.126	+0.040	+0.132	+1.364	+0.647
60%	+1426	+73	+793	+448	+0.009	+3.32	+1.83	+5.75	-0.339	+0.231	+0.088	+0.026	+0.090	+1.210	+0.426
70%	+1240	+30	+677	+370	+0.004	+2.82	+1.56	+4.89	-0.214	+0.142	+0.047	+0.012	+0.044	+1.044	+0.189
80%	+1022	-19	+542	+279	-0.002	+2.24	+1.24	+3.89	-0.068	+0.037	-0.001	-0.005	-0.009	+0.850	-0.088
90%	+721	-88	+354	+153	-0.010	+1.43	+0.80	+2.51	+0.135	-0.108	-0.067	-0.029	-0.083	+0.582	-0.472
95%	+472	-145	+199	+48	-0.017	+0.76	+0.44	+1.36	+0.303	-0.227	-0.122	-0.048	-0.144	+0.360	-0.789
99%	+5	-251	-92	-148	-0.030	-0.50	-0.23	-0.79	+0.617	-0.452	-0.225	-0.084	-0.258	-0.057	-1.384
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	97	156	188	109	156	188	188	188	109	109	109	109	109	109	109
Number of sires	1899	2498	2750	2002	2498	2750	2750	2750	2002	2002	2002	2002	2002	2002	2002

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE February 2025

SIL GE# 42372 v5

Sires with progeny born in

2022-2024

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
1%	+4095	+4279	+4773	+4520	+6732	+4068	+1174	+1639	+3154	+714	+2436	+1356	+319	+1310	+3718	+155	+1643
2%	+3851	+4034	+4491	+4233	+6384	+3828	+1077	+1506	+2964	+572	+2276	+1240	+291	+1167	+3455	+137	1496
5%	+3484	+3667	+4068	+3803	+5863	+3470	+932	+1306	+2679	+360	+2036	+1066	+248	+952	+3060	+111	+1276
10%	+3158	+3342	+3692	+3421	+5400	+3151	+802	+1129	+2426	+171	+1822	+911	+211	+761	+2709	+87	+1080
20%	+2764	+2947	+3238	+2958	+4839	+2765	+646	+914	+2119	-57	+1564	+724	+165	+530	+2284	+59	+843
30%	+2480	+2663	+2910	+2624	+4434	+2487	+533	+759	+1898	-222	+1378	+589	+132	+363	+1978	+38	+673
40%	+2237	+2420	+2629	+2339	+4089	+2249	+437	+626	+1709	-362	+1219	+474	+104	+221	+1716	+21	+527
50%	+2010	+2193	+2367	+2072	+3765	+2027	+347	+503	+1532	-494	+1070	+366	+78	+88	+1471	+5	+390
60%	+1783	+1965	+2105	+1805	+3442	+1805	+257	+379	+1355	-626	+921	+258	+52	-45	+1226	-12	+254
70%	+1540	+1722	+1825	+1520	+3097	+1567	+160	+247	+1166	-766	+762	+143	+24	-187	+964	-29	+108
80%	+1255	+1438	+1497	+1186	+2692	+1288	+47	+92	+945	-931	+576	+8	-9	-354	+658	-50	-63
90%	+861	+1044	+1042	+723	+2131	+903	-109	-123	+638	-1159	+317	-180	-54	-585	+233	-78	-300
95%	+535	+718	+666	+341	+1668	+584	-238	-301	+385	-1348	+104	-334	-92	-776	-118	-102	-496
99%	-75	+107	-38	-376	+799	-14	-481	-634	-90	-1702	-296	-625	-162	-1134	-776	-145	-863
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	139	70	104	63	23	86	214	222	252	157	153	132	83	67	25	99	75
Number of sires	3994	2395	3409	1928	893	2967	4809	4971	5243	4286	4244	3788	2546	2000	950	3099	2572

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE February 2025

SIL GE # 42372 v5

Sires with progeny born in 2022-2024

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
1%	+4279	+4782	+4816	+7104	+4843	+4266	+5205	+7139	+4798	+7570
2%	+4034	+4511	+4516	+6739	+4576	+4022	+4888	+6763	+4523	+7161
5%	+3667	+4104	+4065	+6193	+4175	+3656	+4413	+6200	+4110	+6548
10%	+3342	+3743	+3664	+5708	+3819	+3330	+3991	+5699	+3743	+6003
20%	+2947	+3305	+3179	+5120	+3388	+2936	+3479	+5092	+3299	+5343
30%	+2663	+2989	+2829	+4696	+3077	+2652	+3111	+4655	+2979	+4867
40%	+2420	+2719	+2530	+4334	+2811	+2409	+2796	+4281	+2705	+4461
50%	+2193	+2467	+2251	+3995	+2563	+2182	+2502	+3932	+2450	+4081
60%	+1965	+2215	+1971	+3657	+2315	+1955	+2207	+3582	+2194	+3701
70%	+1722	+1945	+1672	+3295	+2049	+1713	+1892	+3209	+1920	+3294
80%	+1438	+1630	+1323	+2871	+1738	+1429	+1524	+2771	+1600	+2818
90%	+1044	+1192	+837	+2283	+1307	+1035	+1013	+2165	+1156	+2159
95%	+718	+830	+437	+1798	+951	+709	+590	+1664	+789	+1614
99%	+107	+152	-315	+887	+283	+99	-201	+724	+101	+592
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	70	59	35	15	38	49	30	12	43	12
Number of sires	2395	2160	1231	591	1657	2011	1133	520	1870	520

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NZGE gBV's - Dual Purpose - Sire Percentile Bands

NZGE February 2025

SIL GE# 42372 v5

Sires with progeny born in

2022-2024

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
1%	+0.48	+0.069	+0.056	+6.92	+3.68	+11.60	+4.12	-4.52	-1.119	+0.795	+0.370	+0.155	+0.416	+2.161	+2.247	+0.890
2%	+0.44	+0.063	+0.051	+6.47	+3.45	+10.88	+3.82	-3.62	-0.998	+0.713	+0.332	-0.998	+0.374	+1.979	+2.005	+0.811
5%	+0.38	+0.055	+0.043	+5.79	+3.11	+9.79	+3.38	-2.28	-0.816	+0.589	+0.275	+0.118	+0.310	+1.707	+1.641	+0.692
10%	+0.32	+0.048	+0.035	+5.19	+2.81	+8.82	+2.98	-1.08	-0.654	+0.479	+0.225	+0.098	+0.254	+1.465	+1.318	+0.587
20%	+0.26	+0.039	+0.027	+4.46	+2.44	+7.65	+2.50	+0.36	-0.458	+0.346	+0.164	+0.073	+0.186	+1.172	+0.928	+0.459
30%	+0.21	+0.033	+0.020	+3.93	+2.17	+6.80	+2.16	+1.40	-0.317	+0.250	+0.119	+0.056	+0.137	+0.961	+0.646	+0.367
40%	+0.17	+0.027	+0.015	+3.48	+1.95	+6.08	+1.86	+2.29	-0.197	+0.168	+0.082	+0.041	+0.096	+0.780	+0.405	+0.288
50%	+0.14	+0.022	+0.010	+3.06	+1.74	+5.41	+1.58	+3.13	-0.084	+0.091	+0.046	+0.027	+0.057	+0.611	+0.180	+0.215
60%	+0.10	+0.017	+0.005	+2.64	+1.53	+4.73	+1.31	+3.96	+0.029	+0.015	+0.011	+0.013	+0.017	+0.442	-0.045	+0.141
70%	+0.06	+0.012	-0.001	+2.19	+1.30	+4.01	+1.01	+4.85	+0.149	-0.067	-0.027	-0.002	-0.024	+0.262	-0.286	+0.063
80%	+0.01	+0.005	-0.007	+1.67	+1.04	+3.17	+0.67	+5.89	+0.291	-0.163	-0.071	-0.020	-0.073	+0.051	-0.568	-0.029
90%	-0.05	-0.003	-0.016	+0.94	+0.67	+2.00	+0.19	+7.34	+0.486	-0.296	-0.132	-0.044	-0.141	-0.242	-0.959	-0.157
95%	-0.10	-0.011	-0.023	+0.33	+0.37	+1.03	-0.21	+8.53	+0.648	-0.406	-0.183	-0.064	-0.197	-0.485	-1.282	-0.263
99%	-0.20	-0.024	-0.037	-0.80	-0.20	-0.79	-0.95	+10.77	+0.951	-0.612	-0.277	-0.102	-0.303	-0.939	-1.887	-0.460
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	214	222	222	252	252	252	252	157	132	132	132	132	132	132	132	83
Number of sires	4809	4971	4971	5243	5243	5243	5243	4286	3788	3788	3788	3788	3788	3788	3788	2546

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE February 2025

SIL GE# 42372 v5

Sires with progeny born in

2022-2024

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
1%	-68.9	-71.7	-90.0	+80.34	+2.65	-1.16	-1.40	-1.67	+0.50
2%	-61.2	-63.4	-80.8	+72.57	+2.39	-1.03	-1.25	-1.55	+0.46
5%	-49.6	-51.0	-67.0	+60.92	+2.00	-0.84	-1.01	-1.37	+0.39
10%	-39.4	-40.0	-54.7	+50.57	+1.65	-0.67	-0.80	-1.21	+0.33
20%	-26.9	-26.6	-39.8	+38.03	+1.23	-0.46	-0.54	-1.02	+0.26
30%	-18.0	-17.0	-29.1	+28.99	+0.93	-0.30	-0.36	-0.88	+0.20
40%	-10.3	-8.7	-19.9	+21.26	+0.67	-0.18	-0.20	-0.77	+0.16
50%	-3.2	-1.0	-11.3	+14.04	+0.43	-0.06	-0.06	-0.66	+0.12
60%	+4.0	+6.7	-2.8	+6.82	+0.19	+0.07	+0.09	-0.55	+0.08
70%	+11.7	+14.9	+6.4	-0.91	-0.07	+0.19	+0.25	-0.43	+0.03
80%	+20.6	+24.5	+17.1	-9.95	-0.37	+0.35	+0.43	-0.29	-0.02
90%	+33.0	+37.9	+32.0	-22.48	-0.79	+0.56	+0.69	-0.10	-0.09
95%	+43.3	+48.9	+44.3	-32.84	-1.14	+0.73	+0.90	+0.06	-0.15
99%	+62.6	+69.6	+67.4	-52.26	-1.79	+1.05	+1.29	+0.36	-0.26
Units	%	%	%	days	kg	score	score	units	score
Number of connected flocks	70	70	70	4	4	111	111	25	77
Number of sires	2029	2029	2029	315	315	3462	3462	959	2602

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

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