

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE October 2024

SIL GE# 41841

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%	+2713	+353	+1609	+967	+0.042	+6.85	+3.73	+11.78	-1.168	+0.808	+0.355	+0.121	+0.383	+2.348	+2.031
10%	+2461	+298	+1453	+865	+0.036	+6.17	+3.36	+10.63	-1.007	+0.693	+0.302	+0.102	+0.325	+2.125	+1.723
20%	+2157	+231	+1265	+741	+0.028	+5.36	+2.92	+9.23	-0.812	+0.554	+0.238	+0.080	+0.254	+1.855	+1.351
30%	+1937	+183	+1129	+651	+0.022	+4.78	+2.61	+8.23	-0.671	+0.454	+0.192	+0.063	+0.203	+1.660	+1.083
50%	+1574	+104	+904	+503	+0.012	+3.81	+2.08	+6.57	-0.439	+0.288	+0.115	+0.036	+0.118	+1.338	+0.640
70%	+1211	+24	+679	+355	+0.003	+2.84	+1.56	+4.90	-0.206	+0.123	+0.039	+0.009	+0.034	+1.016	+0.197
80%	+991	-24	+543	+266	-0.003	+2.25	+1.24	+3.90	-0.065	+0.023	-0.007	-0.007	-0.017	+0.821	-0.072
90%	+687	-90	+355	+142	-0.011	+1.44	+0.80	+2.50	+0.130	-0.116	-0.071	-0.030	-0.088	+0.550	-0.443
95%	+435	-146	+199	+39	-0.017	+0.77	+0.44	+1.35	+0.291	-0.231	-0.124	-0.048	-0.147	+0.327	-0.751
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	120	160	203	142	160	203	203	203	142	142	142	142	142	142	142
Number of sires	2143	2455	2807	2385	2455	2807	2807	2807	2385	2385	2385	2385	2385	2385	2385

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE October 2024

SIL GE # 41841

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%	+3474	+3681	+4078	+3806	+5647	+3473	+926	+1276	+2679	+341	+2041	+1082	+245	+962	+2891	+106	+1300
10%	+3147	+3358	+3699	+3429	+5057	+3155	+798	+1106	+2428	+155	+1826	+928	+209	+770	+2470	+84	+1103
20%	+2751	+2967	+3240	+2972	+4343	+2771	+644	+900	+2123	-70	+1567	+742	+165	+538	+1959	+56	+865
30%	+2465	+2686	+2909	+2643	+3828	+2494	+532	+752	+1904	-232	+1380	+608	+133	+370	+1591	+37	+694
40%	+2221	+2445	+2626	+2362	+3387	+2257	+437	+625	+1716	-371	+1220	+493	+107	+227	+1277	+20	+547
50%	+1993	+2220	+2362	+2099	+2976	+2035	+348	+507	+1541	-500	+1071	+386	+81	+94	+983	+4	+410
60%	+1765	+1994	+2097	+1836	+2565	+1814	+258	+388	+1366	-630	+922	+278	+56	-40	+689	-12	+273
70%	+1521	+1754	+1815	+1555	+2124	+1577	+163	+262	+1178	-768	+762	+164	+29	-183	+374	-29	+127
80%	+1235	+1472	+1483	+1226	+1609	+1300	+52	+113	+959	-930	+575	+29	-2	-351	+6	-48	-45
90%	+839	+1081	+1024	+769	+895	+915	-103	-92	+655	-1155	+316	-157	-46	-583	-505	-76	-283
95%	+512	+758	+645	+392	+305	+598	-231	-262	+403	-1341	+102	-311	-82	-775	-926	-98	-479
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	156	98	113	65	31	78	229	234	261	173	168	148	114	70	33	90	80
Number of sires	4308	3072	3525	1978	1248	2801	5002	5097	5305	4517	4467	3924	3234	2026	1294	2903	2496

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE October 2024

SIL GE # 41841

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%	+3681	+4255	+4024	+5911	+4262	+3647	+4408	+6112	+4161	+6371
10%	+3358	+3886	+3643	+5311	+3904	+3336	+4004	+5533	+3804	+5739
20%	+2967	+3439	+3181	+4586	+3470	+2960	+3515	+4833	+3373	+4974
30%	+2686	+3116	+2848	+4062	+3157	+2688	+3162	+4327	+3062	+4423
40%	+2445	+2841	+2563	+3615	+2890	+2456	+2860	+3896	+2796	+3951
50%	+2220	+2584	+2298	+3197	+2640	+2239	+2578	+3492	+2547	+3511
60%	+1994	+2326	+2032	+2780	+2390	+2022	+2296	+3089	+2299	+3070
70%	+1754	+2051	+1747	+2332	+2123	+1790	+1994	+2657	+2033	+2599
80%	+1472	+1729	+1414	+1809	+1810	+1518	+1641	+2152	+1721	+2047
90%	+1081	+1282	+952	+1083	+1376	+1141	+1152	+1451	+1290	+1282
95%	+758	+913	+571	+484	+1018	+830	+748	+873	+933	+650
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	98	75	46	26	52	56	38	24	47	24
Number of sires	3072	2631	1483	1060	1949	2198	1346	1014	2022	1014

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NZGE gBV's - Dual Purpose - Sire Percentile Bands

NZGE October 2024

SIL GE# 41841

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	+0.054	+0.040	+5.81	+3.12	+9.81	+3.23	-2.16	-0.833	+0.591	+0.276	+0.119	+0.310	+1.735	+1.665	+0.682
10%	+0.32	+0.047	+0.033	+5.21	+2.82	+8.85	+2.86	-0.98	-0.671	+0.483	+0.226	+0.099	+0.256	+1.493	+1.342	+0.581
20%	+0.26	+0.039	+0.025	+4.48	+2.45	+7.69	+2.42	+0.44	-0.474	+0.353	+0.166	+0.075	+0.189	+1.199	+0.952	+0.458
30%	+0.21	+0.033	+0.019	+3.96	+2.19	+6.85	+2.10	+1.47	-0.333	+0.260	+0.123	+0.058	+0.142	+0.987	+0.670	+0.370
50%	+0.14	+0.022	+0.010	+3.09	+1.75	+5.47	+1.57	+3.17	-0.098	+0.105	+0.052	+0.029	+0.063	+0.637	+0.205	+0.223
70%	+0.06	+0.012	+0.000	+2.23	+1.31	+4.08	+1.05	+4.86	+0.136	-0.050	-0.020	-0.000	-0.016	+0.287	-0.261	+0.077
80%	+0.01	+0.006	-0.006	+1.70	+1.05	+3.24	+0.73	+5.89	+0.277	-0.144	-0.063	-0.018	-0.064	+0.076	-0.542	-0.011
90%	-0.05	-0.002	-0.014	+0.98	+0.68	+2.08	+0.28	+7.31	+0.474	-0.274	-0.123	-0.042	-0.130	-0.218	-0.933	-0.134
95%	-0.10	-0.010	-0.021	+0.38	+0.38	+1.12	-0.08	+8.49	+0.636	-0.382	-0.172	-0.062	-0.185	-0.461	-1.255	-0.236
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	229	234	234	261	261	261	261	173	148	148	148	148	148	148	148	114
Number of sires	5002	5097	5097	5305	5305	5305	5305	4517	3924	3924	3924	3924	3924	3924	3924	3234

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE October 2024

SIL GE# 41841

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%	-49.6	-51.6	-67.9	+36.90	+1.80	-0.83	-0.96	-1.27	+0.40
10%	-39.4	-40.6	-55.5	+30.52	+1.50	-0.66	-0.76	-1.08	+0.34
20%	-27.0	-27.1	-40.4	+22.79	+1.12	-0.45	-0.52	-0.85	+0.27
30%	-18.1	-17.4	-29.6	+17.22	+0.86	-0.30	-0.35	-0.68	+0.22
50%	-3.3	-1.4	-11.7	+8.00	+0.42	-0.05	-0.06	-0.40	+0.13
70%	+11.4	+14.6	+6.3	-1.21	-0.03	+0.20	+0.23	-0.13	+0.04
80%	+20.3	+24.3	+17.1	-6.79	-0.29	+0.35	+0.40	+0.04	-0.01
90%	+32.7	+37.7	+32.2	-14.52	-0.66	+0.55	+0.64	+0.27	-0.08
95%	+42.9	+48.8	+44.6	-20.90	-0.97	+0.73	+0.84	+0.46	-0.14
Units	%	%	%	days	kg	score	score	units	score
Number of connected flocks	71	71	71	5	5	101	101	34	82
Number of sires	2051	2051	2051	304	304	3271	3271	1393	2608

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

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