

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE July 2024

SIL GE# 41698

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	VWT	CWT	LW8 ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
5%	+2676	+358	+1562	+980	+0.043	+6.66	+3.61	+11.36	-1.181	+0.842	+0.371	+0.121	+0.399	+2.349	+1.999
10%	+2425	+301	+1407	+875	+0.036	+5.99	+3.25	+10.23	-1.018	+0.724	+0.316	+0.102	+0.339	+2.123	+1.691
20%	+2121	+232	+1220	+748	+0.028	+5.19	+2.82	+8.86	-0.821	+0.579	+0.250	+0.079	+0.266	+1.849	+1.319
30%	+1901	+183	+1085	+656	+0.022	+4.60	+2.50	+7.88	-0.679	+0.476	+0.202	+0.063	+0.213	+1.651	+1.050
50%	+1539	+101	+863	+504	+0.012	+3.64	+1.98	+6.24	-0.444	+0.304	+0.123	+0.036	+0.126	+1.324	+0.606
70%	+1177	+18	+640	+353	+0.002	+2.68	+1.46	+4.61	-0.209	+0.132	+0.044	+0.008	+0.039	+0.998	+0.162
80%	+957	-31	+505	+261	-0.004	+2.10	+1.15	+3.63	-0.067	+0.028	-0.003	-0.008	-0.014	+0.800	-0.107
90%	+653	-100	+318	+134	-0.012	+1.30	+0.71	+2.26	+0.129	-0.116	-0.070	-0.031	-0.087	+0.526	-0.480
95%	+402	-157	+163	+29	-0.019	+0.63	+0.35	+1.13	+0.292	-0.235	-0.124	-0.050	-0.147	+0.300	-0.788
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	136	160	203	203	203	136	136	136	136	136	136	136
Number of sires	2089	2461	2831	2326	2461	2831	2831	2831	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 July 2024

SIL GE # 41698

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%	+3404	+3604	+3996	+3688	+5497	+3392	+934	+1268	+2594	+367	+2008	+1088	+244	+952	+2852	+106	+1268
10%	+3080	+3277	+3617	+3320	+4924	+3081	+803	+1093	+2348	+182	+1796	+929	+208	+760	+2436	+83	+1070
20%	+2686	+2880	+3160	+2874	+4232	+2704	+645	+881	+2049	-43	+1539	+736	+164	+527	+1933	+54	+830
30%	+2403	+2595	+2829	+2552	+3732	+2432	+531	+728	+1834	-205	+1354	+597	+132	+359	+1571	+34	+657
40%	+2161	+2350	+2547	+2277	+3305	+2200	+434	+597	+1650	-343	+1196	+478	+105	+216	+1261	+17	+509
50%	+1934	+2122	+2283	+2020	+2906	+1983	+343	+475	+1478	-472	+1048	+367	+80	+82	+971	+0	+371
60%	+1708	+1894	+2020	+1763	+2507	+1766	+252	+353	+1306	-602	+900	+256	+55	-52	+682	-16	+233
70%	+1465	+1650	+1738	+1488	+2080	+1534	+155	+222	+1122	-740	+742	+138	+28	-195	+372	-34	+85
80%	+1182	+1364	+1407	+1167	+1580	+1262	+41	+69	+907	-902	+557	-1	-4	-363	+9	-54	-88
90%	+789	+967	+949	+720	+888	+886	-117	-143	+609	-1126	+300	-194	-48	-595	-494	-82	-328
95%	+464	+640	+571	+352	+315	+574	-248	-319	+362	-1312	+88	-353	-84	-787	-909	-106	-526
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	151	96	104	66	31	73	222	242	264	167	162	145	112	69	32	85	80
Number of sires	4199	3005	3348	2058	1235	2736	4903	5196	5351	4387	4343	3862	3136	2095	1250	2868	2604

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE July 2024

SIL GE # 41698

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%	+3604	+4148	+3876	+5735	+4106	+3559	+4247	+5881	+4045	+6077
10%	+3277	+3774	+3500	+5159	+3744	+3247	+3844	+5333	+3686	+5487
20%	+2880	+3322	+3046	+4462	+3305	+2871	+3355	+4671	+3252	+4772
30%	+2595	+2995	+2718	+3959	+2988	+2599	+3003	+4193	+2939	+4256
40%	+2350	+2717	+2438	+3529	+2718	+2367	+2703	+3784	+2672	+3816
50%	+2122	+2456	+2176	+3128	+2466	+2150	+2422	+3403	+2422	+3404
60%	+1894	+2196	+1915	+2726	+2213	+1932	+2140	+3021	+2172	+2993
70%	+1650	+1917	+1635	+2297	+1943	+1700	+1840	+2613	+1905	+2552
80%	+1364	+1591	+1307	+1794	+1626	+1429	+1488	+2135	+1592	+2037
90%	+967	+1138	+853	+1097	+1188	+1052	+999	+1472	+1158	+1322
95%	+640	+765	+477	+521	+825	+740	+596	+925	+799	+731
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	47	26	51	54	39	24	46	24
Number of sires	3005	2591	1556	1077	2011	2193	1412	1027	2028	1027

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE July 2024

SIL GE# 41698

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%	+0.39	+0.054	+0.041	+5.63	+3.00	+9.43	+3.23	-2.32	-0.843	+0.622	+0.290	+0.119	+0.324	+1.715	+1.649	+0.678
10%	+0.33	+0.047	+0.034	+5.04	+2.71	+8.50	+2.86	-1.15	-0.679	+0.509	+0.238	+0.099	+0.267	+1.467	+1.322	+0.577
20%	+0.26	+0.038	+0.025	+4.33	+2.35	+7.38	+2.40	+0.27	-0.480	+0.372	+0.176	+0.074	+0.198	+1.167	+0.926	+0.454
30%	+0.22	+0.032	+0.019	+3.82	+2.10	+6.57	+2.07	+1.30	-0.337	+0.274	+0.131	+0.057	+0.148	+0.951	+0.640	+0.365
50%	+0.14	+0.021	+0.009	+2.97	+1.67	+5.23	+1.53	+2.99	-0.101	+0.111	+0.056	+0.027	+0.066	+0.593	+0.168	+0.218
70%	+0.06	+0.011	-0.001	+2.13	+1.24	+3.89	+0.98	+4.68	+0.136	-0.052	-0.018	-0.002	-0.016	+0.236	-0.305	+0.072
80%	+0.01	+0.005	-0.008	+1.62	+0.99	+3.08	+0.66	+5.71	+0.279	-0.151	-0.063	-0.020	-0.066	+0.019	-0.591	-0.017
90%	-0.06	-0.004	-0.016	+0.91	+0.63	+1.95	+0.20	+7.13	+0.478	-0.288	-0.125	-0.044	-0.135	-0.281	-0.987	-0.140
95%	-0.11	-0.011	-0.023	+0.32	+0.34	+1.02	-0.18	+8.30	+0.642	-0.401	-0.177	-0.065	-0.191	-0.528	-1.314	-0.242
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	222	242	242	264	264	264	264	167	145	145	145	145	145	145	145	112
Number of sires	4903	5196	5196	5351	5351	5351	5351	4387	3862	3862	3862	3862	3862	3862	3862	3136

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE July 2024

SIL GE# 41698

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%	-49.3	-51.3	-67.4	+36.57	+1.83	-0.81	-0.97	-1.25	+0.39
10%	-39.1	-40.1	-55.0	+29.92	+1.51	-0.64	-0.76	-1.06	+0.33
20%	-26.7	-26.5	-39.9	+21.86	+1.11	-0.43	-0.51	-0.83	+0.26
30%	-17.8	-16.7	-29.1	+16.05	+0.82	-0.27	-0.33	-0.66	+0.20
50%	-3.1	-0.4	-11.1	+6.45	+0.35	-0.02	-0.03	-0.39	+0.12
70%	+11.7	+15.8	+6.8	-3.15	-0.12	+0.23	+0.27	-0.11	+0.03
80%	+20.6	+25.6	+17.7	-8.96	-0.41	+0.38	+0.45	+0.05	-0.02
90%	+33.0	+39.2	+32.7	-17.02	-0.80	+0.60	+0.70	+0.29	-0.10
95%	+43.2	+50.4	+45.1	-23.67	-1.13	+0.77	+0.90	+0.48	-0.16
Units	%	%	%	days	kg	score	score	units	score
Number of connected flocks	71	71	71	5	5	97	97	33	82
Number of sires	2128	2128	2128	268	268	3268	3268	1359	2733

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

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