

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE June 2024

SIL GE# 41654

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%	+2693	+357	+1568	+989	+0.043	+6.67	+3.64	+11.44	-1.184	+0.839	+0.371	+0.122	+0.400	+2.377	+2.001
10%	+2441	+300	+1413	+883	+0.036	+6.00	+3.27	+10.30	-1.022	+0.720	+0.316	+0.103	+0.340	+2.149	+1.693
20%	+2137	+232	+1225	+756	+0.028	+5.19	+2.83	+8.92	-0.825	+0.577	+0.250	+0.080	+0.266	+1.874	+1.321
30%	+1917	+182	+1089	+664	+0.022	+4.61	+2.52	+7.92	-0.683	+0.474	+0.202	+0.063	+0.214	+1.675	+1.052
50%	+1554	+100	+865	+511	+0.012	+3.64	+1.99	+6.28	-0.448	+0.303	+0.123	+0.036	+0.126	+1.347	+0.608
70%	+1191	+18	+641	+359	+0.002	+2.68	+1.47	+4.63	-0.214	+0.132	+0.044	+0.009	+0.039	+1.019	+0.164
80%	+971	-32	+505	+267	-0.004	+2.10	+1.15	+3.63	-0.072	+0.029	-0.004	-0.008	-0.014	+0.820	-0.105
90%	+666	-101	+317	+139	-0.012	+1.29	+0.71	+2.25	+0.125	-0.115	-0.070	-0.031	-0.087	+0.545	-0.478
95%	+415	-158	+162	+34	-0.019	+0.62	+0.35	+1.11	+0.288	-0.233	-0.124	-0.050	-0.148	+0.317	-0.785
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	115	159	203	135	159	203	203	203	135	135	135	135	135	135	135
Number of sires	2066	2451	2832	2304	2451	2832	2832	2832	2304	2304	2304	2304	2304	2304	2304

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 June 2024

SIL GE # 41654

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%	+3397	+3596	+3986	+3700	+5561	+3388	+932	+1267	+2595	+364	+2000	+1084	+244	+953	+2838	+106	+1267
10%	+3074	+3270	+3610	+3334	+5001	+3078	+803	+1092	+2348	+180	+1790	+926	+208	+761	+2448	+82	+1068
20%	+2683	+2876	+3155	+2890	+4322	+2703	+646	+879	+2050	-44	+1536	+734	+164	+528	+1975	+54	+828
30%	+2401	+2591	+2827	+2570	+3833	+2433	+532	+726	+1834	-205	+1353	+596	+133	+360	+1634	+34	+654
40%	+2160	+2349	+2547	+2296	+3415	+2202	+436	+595	+1650	-343	+1196	+478	+106	+217	+1343	+16	+506
50%	+1934	+2122	+2284	+2041	+3024	+1986	+345	+473	+1478	-472	+1049	+368	+80	+83	+1071	+0	+367
60%	+1709	+1894	+2022	+1785	+2634	+1770	+255	+351	+1306	-601	+903	+257	+55	-51	+799	-16	+229
70%	+1468	+1652	+1742	+1511	+2216	+1539	+158	+220	+1122	-739	+746	+139	+28	-194	+508	-34	+81
80%	+1186	+1367	+1414	+1191	+1726	+1268	+45	+67	+907	-900	+563	+1	-4	-362	+167	-54	-93
90%	+794	+973	+958	+748	+1048	+893	-113	-146	+609	-1124	+308	-191	-47	-595	-306	-82	-334
95%	+471	+647	+583	+381	+488	+584	-242	-321	+362	-1308	+98	-349	-84	-787	-696	-106	-532
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	65	29	73	221	242	264	167	162	144	112	68	30	85	78
Number of sires	4198	3005	3347	2029	1169	2735	4869	5196	5351	4387	4343	3859	3136	2067	1184	2867	2541

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE June 2024

SIL GE # 41654

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%	+3596	+4136	+3876	+5756	+4094	+3552	+4247	+5910	+4035	+6107
10%	+3270	+3765	+3502	+5180	+3736	+3242	+3845	+5359	+3679	+5513
20%	+2876	+3316	+3049	+4482	+3301	+2868	+3358	+4691	+3248	+4793
30%	+2591	+2992	+2722	+3979	+2988	+2597	+3007	+4210	+2937	+4275
40%	+2349	+2715	+2443	+3549	+2720	+2366	+2707	+3799	+2672	+3831
50%	+2122	+2456	+2182	+3147	+2470	+2151	+2426	+3414	+2424	+3417
60%	+1894	+2197	+1921	+2746	+2220	+1935	+2146	+3030	+2175	+3003
70%	+1652	+1920	+1642	+2316	+1953	+1704	+1846	+2619	+1910	+2559
80%	+1367	+1596	+1315	+1813	+1639	+1434	+1495	+2137	+1599	+2041
90%	+973	+1147	+862	+1115	+1205	+1059	+1008	+1470	+1168	+1321
95%	+647	+776	+488	+539	+846	+749	+606	+919	+812	+727
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	25	51	54	39	23	46	23
Number of sires	3005	2591	1555	1072	2011	2193	1411	1022	2028	1022

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE June 2024

SIL GE# 41654

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%	+0.38	+0.054	+0.041	+5.63	+3.00	+9.44	+3.24	-2.31	-0.841	+0.616	+0.287	+0.119	+0.322	+1.712	+1.656	+0.680
10%	+0.33	+0.047	+0.034	+5.04	+2.71	+8.51	+2.86	-1.14	-0.677	+0.504	+0.236	+0.099	+0.265	+1.465	+1.329	+0.579
20%	+0.26	+0.038	+0.025	+4.33	+2.35	+7.39	+2.40	+0.28	-0.479	+0.368	+0.174	+0.074	+0.197	+1.167	+0.933	+0.455
30%	+0.22	+0.032	+0.019	+3.82	+2.10	+6.57	+2.07	+1.30	-0.336	+0.271	+0.130	+0.056	+0.148	+0.951	+0.647	+0.367
50%	+0.14	+0.021	+0.009	+2.98	+1.67	+5.23	+1.53	+2.99	-0.100	+0.109	+0.056	+0.027	+0.066	+0.595	+0.175	+0.220
70%	+0.06	+0.011	-0.001	+2.13	+1.25	+3.89	+0.98	+4.67	+0.137	-0.052	-0.017	-0.002	-0.016	+0.238	-0.298	+0.073
80%	+0.01	+0.004	-0.008	+1.62	+0.99	+3.08	+0.65	+5.70	+0.280	-0.150	-0.062	-0.020	-0.065	+0.023	-0.584	-0.016
90%	-0.05	-0.004	-0.016	+0.91	+0.63	+1.96	+0.19	+7.11	+0.478	-0.285	-0.124	-0.045	-0.134	-0.276	-0.980	-0.139
95%	-0.11	-0.012	-0.023	+0.32	+0.34	+1.03	-0.19	+8.28	+0.642	-0.397	-0.175	-0.065	-0.190	-0.523	-1.307	-0.240
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	221	242	242	264	264	264	264	167	144	144	144	144	144	144	144	112
Number of sires	4869	5196	5196	5351	5351	5351	5351	4387	3859	3859	3859	3859	3859	3859	3859	3136

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE June 2024

SIL GE# 41654

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%	-49.4	-51.2	-67.5	+36.62	+1.84	-0.81	-0.97	-1.27	+0.39
10%	-39.2	-40.0	-55.1	+29.97	+1.51	-0.64	-0.76	-1.10	+0.33
20%	-26.8	-26.5	-40.0	+21.92	+1.11	-0.42	-0.51	-0.88	+0.25
30%	-17.8	-16.7	-29.2	+16.11	+0.82	-0.27	-0.33	-0.73	+0.20
50%	-3.0	-0.5	-11.2	+6.52	+0.35	-0.02	-0.03	-0.47	+0.11
70%	+11.8	+15.6	+6.8	-3.08	-0.13	+0.23	+0.27	-0.22	+0.02
80%	+20.7	+25.4	+17.6	-8.88	-0.41	+0.38	+0.45	-0.06	-0.03
90%	+33.1	+39.0	+32.7	-16.93	-0.81	+0.59	+0.70	+0.15	-0.10
95%	+43.4	+50.2	+45.1	-23.58	-1.14	+0.77	+0.91	+0.33	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	5	5	97	97	30	79
Number of sires	2100	2100	2100	268	268	3264	3264	1197	2574

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

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