

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE April 2024

SIL GE# 41556

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%	+2703	+358	+1569	+993	+0.043	+6.67	+3.64	+11.45	-1.193	+0.842	+0.373	+0.123	+0.402	+2.383	+1.999
10%	+2450	+301	+1414	+887	+0.036	+6.00	+3.27	+10.31	-1.030	+0.723	+0.318	+0.104	+0.341	+2.155	+1.692
20%	+2144	+232	+1225	+759	+0.028	+5.19	+2.83	+8.93	-0.833	+0.580	+0.251	+0.081	+0.268	+1.879	+1.320
30%	+1923	+182	+1090	+667	+0.022	+4.61	+2.52	+7.93	-0.691	+0.476	+0.203	+0.064	+0.215	+1.679	+1.052
50%	+1558	+99	+865	+514	+0.012	+3.65	+1.99	+6.28	-0.456	+0.305	+0.124	+0.037	+0.127	+1.350	+0.608
70%	+1192	+17	+641	+361	+0.002	+2.68	+1.47	+4.63	-0.220	+0.134	+0.045	+0.009	+0.040	+1.021	+0.165
80%	+972	-33	+505	+269	-0.004	+2.10	+1.15	+3.63	-0.078	+0.031	-0.003	-0.008	-0.013	+0.822	-0.103
90%	+665	-102	+317	+141	-0.012	+1.29	+0.71	+2.25	+0.119	-0.113	-0.069	-0.031	-0.087	+0.546	-0.475
95%	+412	-159	+161	+35	-0.019	+0.62	+0.35	+1.11	+0.282	-0.231	-0.124	-0.050	-0.148	+0.318	-0.782
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	108	155	198	128	155	198	198	198	128	128	128	128	128	128	128
Number of sires	1987	2407	2789	2229	2407	2789	2789	2789	2229	2229	2229	2229	2229	2229	2229

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 April 2024

SIL GE # 41556

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%	+3367	+3562	+3955	+3666	+5575	+3365	+932	+1266	+2598	+363	+1949	+1089	+245	+932	+2858	+106	+1271
10%	+3048	+3241	+3589	+3306	+5011	+3060	+803	+1090	+2352	+176	+1745	+931	+209	+744	+2461	+83	+1070
20%	+2662	+2853	+3146	+2871	+4328	+2690	+646	+878	+2054	-49	+1499	+740	+165	+516	+1980	+55	+826
30%	+2384	+2574	+2827	+2557	+3835	+2423	+533	+724	+1840	-211	+1322	+602	+133	+352	+1634	+34	+650
40%	+2146	+2335	+2554	+2288	+3414	+2195	+436	+593	+1656	-350	+1170	+484	+106	+212	+1338	+17	+500
50%	+1924	+2111	+2299	+2038	+3021	+1982	+346	+471	+1485	-480	+1028	+374	+81	+81	+1061	+1	+360
60%	+1701	+1888	+2044	+1787	+2627	+1769	+256	+348	+1313	-610	+886	+264	+55	-50	+784	-16	+219
70%	+1463	+1649	+1771	+1519	+2206	+1541	+159	+217	+1130	-749	+734	+146	+28	-191	+488	-33	+69
80%	+1185	+1369	+1451	+1205	+1713	+1274	+46	+64	+915	-911	+557	+8	-3	-355	+142	-54	-107
90%	+799	+981	+1008	+769	+1030	+904	-111	-149	+618	-1136	+310	-183	-47	-582	-339	-82	-351
95%	+480	+661	+643	+410	+466	+599	-240	-325	+372	-1322	+107	-341	-83	-770	-736	-105	-552
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	148	96	97	65	29	71	220	241	259	163	157	135	112	68	30	83	75
Number of sires	4159	3001	3219	2027	1169	2707	4861	5191	5305	4281	4228	3720	3135	2067	1184	2842	2455

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE April 2024

SIL GE # 41556

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%	+3562	+4092	+3844	+5774	+4067	+3529	+4215	+5929	+4013	+6109
10%	+3241	+3728	+3477	+5193	+3711	+3224	+3820	+5374	+3662	+5513
20%	+2853	+3288	+3032	+4489	+3280	+2854	+3341	+4701	+3238	+4792
30%	+2574	+2970	+2711	+3982	+2969	+2588	+2996	+4216	+2932	+4272
40%	+2335	+2698	+2437	+3549	+2704	+2360	+2701	+3801	+2671	+3828
50%	+2111	+2445	+2181	+3144	+2455	+2147	+2426	+3414	+2427	+3413
60%	+1888	+2191	+1925	+2738	+2207	+1934	+2150	+3026	+2182	+2997
70%	+1649	+1919	+1651	+2305	+1942	+1706	+1855	+2612	+1921	+2553
80%	+1369	+1601	+1331	+1798	+1631	+1440	+1510	+2126	+1615	+2033
90%	+981	+1161	+886	+1094	+1200	+1070	+1032	+1454	+1191	+1312
95%	+661	+797	+519	+513	+844	+765	+636	+898	+840	+716
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	70	47	25	50	53	37	23	46	23
Number of sires	3001	2567	1554	1072	2001	2172	1399	1022	2023	1022

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE April 2024

SIL GE# 41556

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	+3.01	+9.47	+3.25	-2.29	-0.844	+0.618	+0.289	+0.121	+0.325	+1.721	+1.665	+0.681
10%	+0.33	+0.047	+0.033	+5.04	+2.72	+8.54	+2.87	-1.12	-0.681	+0.506	+0.238	+0.101	+0.268	+1.474	+1.338	+0.579
20%	+0.26	+0.038	+0.025	+4.34	+2.36	+7.42	+2.41	+0.31	-0.483	+0.371	+0.176	+0.076	+0.199	+1.175	+0.941	+0.456
30%	+0.22	+0.032	+0.019	+3.83	+2.10	+6.61	+2.07	+1.34	-0.340	+0.273	+0.131	+0.058	+0.150	+0.960	+0.655	+0.367
50%	+0.14	+0.021	+0.009	+2.99	+1.68	+5.26	+1.53	+3.04	-0.104	+0.112	+0.057	+0.028	+0.068	+0.603	+0.181	+0.220
70%	+0.06	+0.011	-0.002	+2.14	+1.26	+3.92	+0.98	+4.74	+0.133	-0.050	-0.017	-0.001	-0.014	+0.247	-0.292	+0.074
80%	+0.01	+0.004	-0.008	+1.63	+1.00	+3.11	+0.65	+5.77	+0.275	-0.147	-0.061	-0.019	-0.064	+0.032	-0.578	-0.015
90%	-0.05	-0.005	-0.016	+0.93	+0.65	+1.99	+0.19	+7.19	+0.474	-0.283	-0.123	-0.044	-0.133	-0.267	-0.975	-0.138
95%	-0.11	-0.012	-0.023	+0.34	+0.35	+1.06	-0.19	+8.37	+0.637	-0.394	-0.175	-0.065	-0.189	-0.514	-1.302	-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	220	241	241	259	259	259	259	163	135	135	135	135	135	135	135	112
Number of sires	4861	5191	5191	5305	5305	5305	5305	4281	3720	3720	3720	3720	3720	3720	3720	3135

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE April 2024

SIL GE# 41556

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%	-49.0	-49.6	-66.0	+37.68	+1.85	-0.81	-0.97	-1.28	+0.39
10%	-38.8	-38.8	-53.9	+30.88	+1.52	-0.64	-0.77	-1.10	+0.33
20%	-26.4	-25.6	-39.3	+22.64	+1.12	-0.43	-0.52	-0.88	+0.25
30%	-17.4	-16.2	-28.8	+16.71	+0.83	-0.28	-0.33	-0.73	+0.20
50%	-2.6	-0.5	-11.3	+6.89	+0.36	-0.02	-0.04	-0.47	+0.11
70%	+12.1	+15.2	+6.1	-2.92	-0.12	+0.23	+0.26	-0.21	+0.02
80%	+21.1	+24.7	+16.6	-8.86	-0.41	+0.38	+0.44	-0.05	-0.03
90%	+33.5	+37.8	+31.3	-17.09	-0.81	+0.59	+0.69	+0.16	-0.11
95%	+43.7	+48.7	+43.3	-23.89	-1.14	+0.77	+0.90	+0.34	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	5	5	95	95	30	76
Number of sires	2100	2100	2100	268	268	3239	3239	1197	2488

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

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Sire