

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE December 2023

SIL GE# 41059

Sires with progeny born in

2020-2022

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%	+2731	+334	+1616	+1006	+0.040	+6.84	+3.75	+11.81	-1.186	+0.821	+0.362	+0.129	+0.397	+2.430	+2.014
10%	+2474	+281	+1457	+899	+0.033	+6.16	+3.38	+10.64	-1.024	+0.706	+0.310	+0.109	+0.338	+2.196	+1.705
20%	+2163	+216	+1264	+770	+0.026	+5.33	+2.93	+9.23	-0.828	+0.567	+0.247	+0.086	+0.267	+1.912	+1.332
30%	+1938	+169	+1125	+676	+0.020	+4.74	+2.60	+8.21	-0.686	+0.467	+0.201	+0.069	+0.216	+1.707	+1.063
50%	+1567	+91	+895	+522	+0.011	+3.75	+2.07	+6.52	-0.452	+0.301	+0.125	+0.042	+0.131	+1.369	+0.618
70%	+1196	+14	+665	+368	+0.002	+2.77	+1.53	+4.83	-0.218	+0.135	+0.050	+0.014	+0.046	+1.030	+0.172
80%	+972	-33	+526	+275	-0.004	+2.17	+1.20	+3.81	-0.076	+0.035	+0.004	-0.003	-0.005	+0.825	-0.097
90%	+661	-98	+333	+145	-0.012	+1.35	+0.75	+2.40	+0.120	-0.105	-0.059	-0.026	-0.076	+0.541	-0.470
95%	+404	-152	+174	+38	-0.018	+0.67	+0.38	+1.23	+0.282	-0.220	-0.111	-0.046	-0.134	+0.307	-0.779
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	117	163	200	127	163	200	200	200	127	127	127	127	127	127	127
Number of sires	2027	2355	2754	2202	2355	2754	2754	2754	2202	2202	2202	2202	2202	2202	2202

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE December 2023

SIL GE # 41059

Sires with progeny born in **2020-2022**

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%	+3369	+3540	+3960	+3661	+5503	+3368	+923	+1250	+2638	+332	+1988	+1101	+245	+929	+2810	+106	+1276
10%	+3054	+3231	+3604	+3303	+4946	+3062	+793	+1081	+2390	+148	+1779	+943	+208	+742	+2410	+83	+1075
20%	+2672	+2855	+3174	+2870	+4272	+2691	+636	+876	+2090	-75	+1527	+751	+164	+516	+1926	+55	+833
30%	+2397	+2584	+2863	+2557	+3786	+2424	+523	+727	+1874	-235	+1345	+612	+132	+353	+1576	+35	+658
40%	+2162	+2353	+2598	+2290	+3370	+2196	+426	+601	+1689	-372	+1189	+494	+105	+214	+1277	+18	+508
50%	+1942	+2137	+2350	+2040	+2982	+1982	+335	+483	+1516	-501	+1043	+384	+80	+84	+998	+2	+368
60%	+1722	+1921	+2102	+1791	+2594	+1769	+245	+364	+1343	-629	+898	+273	+54	-46	+719	-15	+228
70%	+1487	+1690	+1837	+1524	+2178	+1541	+148	+238	+1158	-766	+742	+155	+27	-185	+421	-32	+79
80%	+1211	+1419	+1527	+1211	+1692	+1273	+34	+90	+942	-927	+560	+16	-5	-348	+71	-52	-96
90%	+829	+1043	+1096	+778	+1018	+903	-123	-116	+642	-1149	+308	-176	-49	-574	-414	-80	-339
95%	+514	+733	+741	+420	+461	+597	-253	-285	+394	-1333	+99	-334	-86	-761	-814	-103	-539
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	159	114	111	67	30	76	241	247	269	175	167	151	130	70	32	86	80
Number of sires	4361	3383	3499	2085	1210	2827	5096	5176	5310	4489	4422	3932	3468	2118	1247	2917	2595

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE December 2023

SIL GE # 41059

Sires with progeny born in

2020-2022

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%	+3540	+4089	+3809	+5691	+4062	+3508	+4204	+5835	+4005	+6044
10%	+3231	+3737	+3455	+5125	+3713	+3208	+3821	+5297	+3660	+5465
20%	+2855	+3310	+3025	+4441	+3290	+2844	+3358	+4646	+3242	+4763
30%	+2584	+3003	+2716	+3947	+2985	+2581	+3024	+4177	+2941	+4257
40%	+2353	+2740	+2451	+3526	+2724	+2357	+2739	+3776	+2683	+3825
50%	+2137	+2494	+2204	+3131	+2480	+2147	+2472	+3401	+2443	+3420
60%	+1921	+2249	+1956	+2737	+2237	+1938	+2205	+3026	+2202	+3016
70%	+1690	+1986	+1692	+2315	+1976	+1713	+1920	+2625	+1945	+2584
80%	+1419	+1678	+1382	+1822	+1671	+1451	+1586	+2155	+1643	+2078
90%	+1043	+1252	+953	+1137	+1248	+1087	+1122	+1504	+1226	+1376
95%	+733	+900	+598	+572	+899	+786	+740	+967	+881	+796
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	114	85	55	28	55	63	43	26	51	26
Number of sires	3383	2835	1750	1154	2176	2448	1535	1106	2220	1106

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE December 2023

SIL GE# 41059

Sires with progeny born in

2020-2022

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	+0.053	+0.040	+5.73	+3.07	+9.66	+3.17	-2.10	-0.834	+0.596	+0.278	+0.122	+0.318	+1.746	+1.651	+0.682
10%	+0.32	+0.046	+0.033	+5.14	+2.78	+8.72	+2.80	-0.94	-0.673	+0.487	+0.228	+0.102	+0.261	+1.500	+1.328	+0.580
20%	+0.26	+0.038	+0.025	+4.43	+2.42	+7.59	+2.35	+0.47	-0.477	+0.355	+0.168	+0.077	+0.193	+1.202	+0.936	+0.456
30%	+0.21	+0.032	+0.019	+3.92	+2.16	+6.77	+2.03	+1.49	-0.336	+0.259	+0.124	+0.059	+0.144	+0.987	+0.654	+0.366
50%	+0.13	+0.021	+0.009	+3.07	+1.73	+5.41	+1.49	+3.17	-0.103	+0.101	+0.052	+0.029	+0.063	+0.632	+0.188	+0.218
70%	+0.05	+0.011	-0.000	+2.22	+1.30	+4.06	+0.96	+4.85	+0.130	-0.057	-0.020	-0.001	-0.018	+0.277	-0.278	+0.070
80%	+0.01	+0.005	-0.006	+1.70	+1.04	+3.24	+0.63	+5.86	+0.271	-0.152	-0.064	-0.019	-0.067	+0.062	-0.560	-0.019
90%	-0.06	-0.004	-0.014	+0.99	+0.68	+2.11	+0.18	+7.27	+0.466	-0.285	-0.124	-0.044	-0.135	-0.236	-0.952	-0.143
95%	-0.11	-0.011	-0.021	+0.40	+0.39	+1.17	-0.19	+8.44	+0.627	-0.394	-0.174	-0.064	-0.191	-0.482	-1.275	-0.246
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	241	247	247	269	269	269	269	175	151	151	151	151	151	151	151	130
Number of sires	5096	5176	5176	5310	5310	5310	5310	4489	3932	3932	3932	3932	3932	3932	3932	3468

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE December 2023

SIL GE# 41059

Sires with progeny born in

2020-2022

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%	-47.9	-49.9	-65.6	+35.94	+1.90	-0.80	-0.97	-1.26	+0.39
10%	-37.9	-39.0	-53.7	+29.49	+1.57	-0.63	-0.76	-1.08	+0.33
20%	-25.8	-25.8	-39.3	+21.68	+1.17	-0.43	-0.51	-0.86	+0.25
30%	-17.0	-16.3	-28.9	+16.05	+0.88	-0.28	-0.33	-0.70	+0.20
50%	-2.6	-0.6	-11.8	+6.74	+0.40	-0.03	-0.04	-0.44	+0.11
70%	+11.9	+15.1	+5.4	-2.57	-0.07	+0.21	+0.26	-0.18	+0.02
80%	+20.6	+24.6	+15.8	-8.20	-0.36	+0.36	+0.44	-0.02	-0.03
90%	+32.7	+37.8	+30.2	-16.01	-0.76	+0.56	+0.69	+0.20	-0.10
95%	+42.7	+48.7	+42.1	-22.46	-1.09	+0.73	+0.90	+0.38	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	72	72	72	5	5	99	99	32	81
Number of sires	2153	2153	2153	257	257	3313	3313	1260	2635

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

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