

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE October 2023

SIL GE# 40902

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	LNLV	HQLV	CWY	EMAc ¹
5%	+2752	+341	+1624	+1003	+0.041	+6.86	+3.77	+11.87	-1.180	+0.817	+0.361	+0.128	+0.396	+2.420	+2.003
10%	+2493	+287	+1465	+897	+0.034	+6.18	+3.40	+10.70	-1.019	+0.703	+0.309	+0.109	+0.337	+2.187	+1.697
20%	+2180	+222	+1272	+768	+0.026	+5.36	+2.95	+9.29	-0.824	+0.565	+0.246	+0.086	+0.267	+1.905	+1.327
30%	+1954	+175	+1133	+675	+0.021	+4.77	+2.62	+8.27	-0.683	+0.465	+0.201	+0.070	+0.216	+1.702	+1.060
50%	+1581	+97	+903	+522	+0.012	+3.78	+2.09	+6.59	-0.450	+0.300	+0.126	+0.042	+0.132	+1.365	+0.619
70%	+1208	+19	+673	+368	+0.002	+2.80	+1.55	+4.90	-0.217	+0.135	+0.050	+0.015	+0.048	+1.029	+0.177
80%	+982	-28	+535	+275	-0.003	+2.21	+1.23	+3.88	-0.076	+0.035	+0.005	-0.002	-0.003	+0.825	-0.090
90%	+669	-93	+342	+146	-0.011	+1.38	+0.77	+2.47	+0.119	-0.104	-0.058	-0.025	-0.074	+0.543	-0.460
95%	+411	-147	+183	+40	-0.018	+0.70	+0.40	+1.30	+0.280	-0.218	-0.110	-0.044	-0.132	+0.310	-0.766
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	113	157	193	123	157	193	193	193	123	123	123	123	123	123	123
Number of sires	1971	2302	2719	2148	2302	2719	2719	2719	2148	2148	2148	2148	2148	2148	2148

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE October 2023

SIL GE # 40902

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%	+3380	+3541	+3998	+3684	+5538	+3385	+925	+1255	+2652	+333	+1995	+1111	+246	+936	+2807	+107	+1272
10%	+3073	+3242	+3640	+3334	+5016	+3082	+796	+1086	+2404	+149	+1788	+951	+210	+749	+2423	+84	+1072
20%	+2701	+2878	+3208	+2909	+4384	+2716	+641	+882	+2103	-74	+1537	+759	+166	+523	+1959	+56	+829
30%	+2433	+2617	+2896	+2603	+3929	+2452	+529	+735	+1886	-235	+1356	+620	+134	+359	+1623	+36	+654
40%	+2204	+2393	+2629	+2341	+3539	+2226	+433	+609	+1701	-372	+1201	+501	+107	+220	+1337	+19	+504
50%	+1990	+2184	+2380	+2096	+3175	+2015	+344	+492	+1527	-501	+1057	+390	+81	+90	+1069	+3	+364
60%	+1776	+1975	+2131	+1852	+2811	+1804	+255	+374	+1354	-629	+912	+279	+56	-41	+802	-13	+224
70%	+1547	+1751	+1864	+1590	+2422	+1578	+159	+248	+1169	-767	+757	+160	+29	-180	+515	-30	+75
80%	+1278	+1489	+1552	+1284	+1966	+1314	+47	+101	+952	-928	+576	+21	-3	-343	+180	-50	-100
90%	+907	+1126	+1119	+859	+1334	+947	-108	-103	+651	-1151	+325	-172	-47	-570	-284	-78	-343
95%	+599	+826	+762	+509	+813	+644	-237	-272	+403	-1335	+118	-331	-83	-757	-668	-101	-544
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	110	104	64	28	70	228	240	263	172	162	144	126	68	31	80	78
Number of sires	4222	3293	3332	2013	1110	2718	4965	5096	5248	4421	4347	3786	3381	2047	1178	2813	2527

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE October 2023

SIL GE # 40902

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%	+3541	+4112	+3829	+5704	+4063	+3517	+4243	+5850	+4021	+6071
10%	+3242	+3761	+3481	+5173	+3719	+3221	+3863	+5335	+3677	+5515
20%	+2878	+3336	+3059	+4531	+3303	+2862	+3402	+4712	+3261	+4840
30%	+2617	+3030	+2755	+4068	+3003	+2604	+3069	+4262	+2960	+4354
40%	+2393	+2768	+2495	+3672	+2746	+2383	+2786	+3878	+2704	+3938
50%	+2184	+2523	+2252	+3302	+2506	+2177	+2520	+3519	+2464	+3550
60%	+1975	+2279	+2009	+2932	+2267	+1970	+2255	+3160	+2224	+3162
70%	+1751	+2017	+1749	+2536	+2010	+1750	+1971	+2776	+1967	+2746
80%	+1489	+1711	+1445	+2073	+1710	+1491	+1638	+2326	+1667	+2260
90%	+1126	+1286	+1023	+1431	+1294	+1133	+1178	+1703	+1251	+1586
95%	+826	+935	+675	+900	+950	+837	+797	+1188	+907	+1029
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	110	83	52	26	54	58	41	25	49	25
Number of sires	3293	2777	1689	1072	2120	2352	1473	1056	2161	1056

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE October 2023

SIL GE# 40902

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	+0.054	+0.039	+5.77	+3.09	+9.73	+3.17	-2.11	-0.842	+0.603	+0.281	+0.124	+0.321	+1.756	+1.676	+0.685
10%	+0.33	+0.047	+0.032	+5.18	+2.79	+8.79	+2.80	-0.94	-0.680	+0.494	+0.231	+0.103	+0.265	+1.509	+1.350	+0.583
20%	+0.26	+0.039	+0.024	+4.46	+2.43	+7.64	+2.36	+0.47	-0.484	+0.361	+0.171	+0.078	+0.197	+1.209	+0.955	+0.460
30%	+0.21	+0.032	+0.019	+3.95	+2.17	+6.82	+2.03	+1.49	-0.343	+0.266	+0.127	+0.060	+0.148	+0.993	+0.670	+0.371
50%	+0.14	+0.022	+0.009	+3.09	+1.74	+5.46	+1.50	+3.17	-0.109	+0.108	+0.056	+0.030	+0.067	+0.636	+0.199	+0.223
70%	+0.06	+0.012	-0.000	+2.24	+1.31	+4.10	+0.97	+4.85	+0.124	-0.049	-0.016	-0.000	-0.014	+0.280	-0.272	+0.076
80%	+0.01	+0.006	-0.006	+1.72	+1.05	+3.28	+0.65	+5.87	+0.266	-0.144	-0.060	-0.018	-0.063	+0.064	-0.556	-0.013
90%	-0.05	-0.003	-0.014	+1.01	+0.69	+2.14	+0.20	+7.28	+0.462	-0.277	-0.120	-0.044	-0.131	-0.236	-0.951	-0.137
95%	-0.11	-0.010	-0.021	+0.41	+0.40	+1.19	-0.17	+8.45	+0.623	-0.386	-0.170	-0.064	-0.187	-0.483	-1.278	-0.239
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	228	240	240	263	263	263	263	172	144	144	144	144	144	144	144	126
Number of sires	4965	5096	5096	5248	5248	5248	5248	4421	3786	3786	3786	3786	3786	3786	3786	3381

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE October 2023

SIL GE# 40902

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%	-48.4	-50.2	-66.1	+34.66	+1.92	-0.81	-0.97	-1.26	+0.39
10%	-38.3	-39.3	-54.3	+28.47	+1.58	-0.64	-0.77	-1.09	+0.33
20%	-26.1	-26.0	-39.9	+20.98	+1.18	-0.43	-0.52	-0.88	+0.25
30%	-17.3	-16.5	-29.6	+15.58	+0.88	-0.28	-0.34	-0.73	+0.20
50%	-2.7	-0.7	-12.5	+6.64	+0.40	-0.04	-0.05	-0.48	+0.11
70%	+11.8	+15.1	+4.6	-2.29	-0.08	+0.21	+0.25	-0.23	+0.02
80%	+20.7	+24.6	+15.0	-7.69	-0.38	+0.35	+0.42	-0.08	-0.03
90%	+32.9	+37.8	+29.3	-15.19	-0.78	+0.56	+0.67	+0.13	-0.10
95%	+43.0	+48.8	+41.2	-21.38	-1.12	+0.73	+0.88	+0.30	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	5	5	93	93	31	79
Number of sires	2069	2069	2069	240	240	3188	3188	1178	2554

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

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