

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE July 2023

SIL GE# 40654

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%	+2688	+340	+1545	+1048	+0.041	+6.65	+3.55	+11.32	-1.274	+1.002	+0.458	+0.117	+0.447	+2.410	+2.018
10%	+2440	+283	+1393	+936	+0.034	+5.99	+3.20	+10.20	-1.102	+0.866	+0.394	+0.099	+0.383	+2.178	+1.712
20%	+2140	+214	+1210	+800	+0.026	+5.19	+2.78	+8.85	-0.893	+0.702	+0.317	+0.076	+0.305	+1.897	+1.342
30%	+1923	+165	+1078	+702	+0.020	+4.61	+2.47	+7.87	-0.743	+0.583	+0.261	+0.060	+0.249	+1.694	+1.075
50%	+1565	+83	+859	+540	+0.010	+3.65	+1.97	+6.26	-0.495	+0.387	+0.169	+0.034	+0.156	+1.359	+0.634
70%	+1208	+2	+641	+379	+0.000	+2.70	+1.46	+4.65	-0.247	+0.190	+0.077	+0.007	+0.063	+1.024	+0.193
80%	+991	-48	+508	+281	-0.006	+2.12	+1.16	+3.67	-0.096	+0.071	+0.022	-0.009	+0.007	+0.821	-0.074
90%	+691	-116	+325	+145	-0.014	+1.32	+0.74	+2.32	+0.112	-0.093	-0.056	-0.031	-0.071	+0.540	-0.444
95%	+443	-173	+174	+33	-0.021	+0.65	+0.39	+1.20	+0.284	-0.229	-0.119	-0.050	-0.136	+0.307	-0.750
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	92	139	183	111	139	183	183	183	111	111	111	111	111	111	111
Number of sires	1744	2193	2585	1967	2193	2585	2585	2585	1967	1967	1967	1967	1967	1967	1967

¹ These 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 2023

SIL GE # 40654

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%	+3363	+3517	+3937	+3675	+5448	+3379	+936	+1316	+2551	+365	+1958	+1132	+247	+917	+2740	+106	+1200
10%	+3050	+3205	+3565	+3298	+5000	+3062	+803	+1130	+2310	+181	+1751	+957	+210	+722	+2412	+83	+1002
20%	+2671	+2826	+3114	+2840	+4458	+2677	+642	+905	+2018	-41	+1502	+745	+166	+486	+2016	+55	+763
30%	+2398	+2553	+2789	+2510	+4067	+2400	+526	+743	+1807	-201	+1322	+592	+134	+316	+1730	+34	+590
40%	+2164	+2320	+2511	+2228	+3733	+2163	+427	+604	+1627	-338	+1168	+461	+107	+171	+1485	+17	+443
50%	+1946	+2102	+2251	+1965	+3420	+1941	+334	+474	+1459	-466	+1024	+339	+81	+35	+1257	+1	+305
60%	+1728	+1884	+1992	+1701	+3108	+1720	+242	+345	+1291	-594	+880	+217	+55	-101	+1028	-16	+167
70%	+1495	+1651	+1714	+1419	+2774	+1483	+142	+206	+1111	-731	+726	+87	+28	-247	+784	-33	+19
80%	+1221	+1378	+1389	+1089	+2383	+1205	+26	+44	+900	-891	+546	-66	-4	-417	+498	-54	-154
90%	+843	+1000	+938	+632	+1841	+821	-135	-182	+608	-1114	+296	-278	-48	-653	+101	-82	-393
95%	+530	+687	+566	+254	+1393	+503	-268	-367	+367	-1297	+90	-454	-85	-848	-227	-105	-591
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	145	101	100	62	25	66	222	245	265	170	158	140	117	66	26	74	73
Number of sires	4142	3253	3306	2031	1043	2641	4997	5211	5353	4442	4292	3777	3428	2064	1076	2771	2516

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE July 2023

SIL GE # 40654

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%	+3517	+4040	+3817	+5568	+3937	+3511	+4160	+5695	+3950	+5836
10%	+3205	+3673	+3434	+5123	+3581	+3199	+3742	+5241	+3588	+5343
20%	+2826	+3228	+2970	+4584	+3149	+2820	+3236	+4690	+3150	+4746
30%	+2553	+2907	+2636	+4195	+2838	+2547	+2871	+4293	+2834	+4316
40%	+2320	+2633	+2350	+3863	+2572	+2314	+2559	+3954	+2564	+3948
50%	+2102	+2376	+2083	+3552	+2324	+2095	+2268	+3637	+2311	+3604
60%	+1884	+2120	+1816	+3242	+2075	+1877	+1976	+3320	+2059	+3260
70%	+1651	+1846	+1531	+2910	+1809	+1644	+1664	+2981	+1789	+2892
80%	+1378	+1525	+1196	+2521	+1498	+1371	+1300	+2584	+1473	+2462
90%	+1000	+1080	+732	+1982	+1067	+992	+793	+2033	+1034	+1865
95%	+687	+712	+350	+1537	+710	+680	+376	+1578	+672	+1372
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	101	79	50	23	49	54	40	22	46	22
Number of sires	3253	2787	1730	1024	2060	2296	1557	1005	2133	1005

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE July 2023

SIL GE# 40654

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%	+0.39	+0.056	+0.042	+5.62	+2.94	+9.37	+3.15	-2.31	-0.904	+0.757	+0.359	+0.119	+0.362	+1.689	+1.659	+0.688
10%	+0.33	+0.048	+0.034	+5.05	+2.66	+8.47	+2.77	-1.15	-0.725	+0.614	+0.293	+0.099	+0.296	+1.434	+1.330	+0.585
20%	+0.26	+0.039	+0.026	+4.35	+2.31	+7.37	+2.31	+0.26	-0.509	+0.441	+0.212	+0.074	+0.216	+1.126	+0.933	+0.461
30%	+0.22	+0.032	+0.019	+3.85	+2.06	+6.57	+1.97	+1.27	-0.353	+0.316	+0.154	+0.057	+0.159	+0.904	+0.646	+0.371
50%	+0.13	+0.021	+0.009	+3.02	+1.65	+5.26	+1.42	+2.95	-0.095	+0.110	+0.058	+0.027	+0.064	+0.536	+0.172	+0.222
70%	+0.05	+0.011	-0.002	+2.19	+1.24	+3.95	+0.87	+4.63	+0.162	-0.097	-0.039	-0.002	-0.031	+0.169	-0.302	+0.074
80%	+0.00	+0.004	-0.008	+1.69	+0.99	+3.16	+0.54	+5.64	+0.318	-0.222	-0.097	-0.019	-0.088	-0.054	-0.588	-0.016
90%	-0.06	-0.005	-0.017	+0.99	+0.64	+2.06	+0.08	+7.05	+0.535	-0.395	-0.177	-0.044	-0.168	-0.362	-0.986	-0.140
95%	-0.12	-0.013	-0.024	+0.41	+0.36	+1.15	-0.31	+8.21	+0.713	-0.538	-0.244	-0.064	-0.234	-0.617	-1.314	-0.243
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	245	245	265	265	265	265	170	140	140	140	140	140	140	140	117
Number of sires	4997	5211	5211	5353	5353	5353	5353	4442	3777	3777	3777	3777	3777	3777	3777	3428

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE July 2023

SIL GE# 40654

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%	-47.1	-49.3	-65.8	+35.54	+1.95	-0.78	-1.01	-1.23	+0.36
10%	-36.8	-38.0	-53.2	+29.44	+1.62	-0.61	-0.80	-1.08	+0.30
20%	-24.3	-24.3	-38.0	+22.06	+1.21	-0.40	-0.54	-0.90	+0.23
30%	-15.2	-14.4	-27.0	+16.73	+0.92	-0.26	-0.35	-0.78	+0.18
50%	-0.3	+1.9	-8.8	+7.93	+0.43	-0.01	-0.04	-0.56	+0.09
70%	+14.7	+18.3	+9.4	-0.87	-0.05	+0.23	+0.27	-0.35	+0.01
80%	+23.7	+28.2	+20.4	-6.19	-0.34	+0.38	+0.45	-0.22	-0.05
90%	+36.3	+41.9	+35.7	-13.57	-0.75	+0.59	+0.71	-0.05	-0.12
95%	+46.6	+53.2	+48.3	-19.67	-1.09	+0.76	+0.93	+0.10	-0.18
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	67	67	67	4	4	84	84	26	74
Number of sires	2075	2075	2075	219	219	3072	3072	1076	2527

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

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