

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE December 2021

SIL GE# 38849

Sires with progeny born in

2018-2020

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%	+2255	+273	+1268	+945	+0.045	+6.63	+3.59	+11.55	-1.319	+1.013	+0.451	+0.128	+0.458	+2.332	+2.144
10%	+2059	+231	+1152	+848	+0.038	+6.01	+3.26	+10.47	-1.149	+0.880	+0.388	+0.109	+0.393	+2.116	+1.841
20%	+1821	+180	+1011	+730	+0.030	+5.26	+2.86	+9.17	-0.944	+0.718	+0.313	+0.086	+0.314	+1.856	+1.474
30%	+1649	+144	+910	+645	+0.024	+4.72	+2.57	+8.23	-0.796	+0.601	+0.258	+0.069	+0.257	+1.668	+1.210
50%	+1366	+83	+742	+504	+0.014	+3.83	+2.09	+6.68	-0.552	+0.408	+0.168	+0.041	+0.162	+1.357	+0.773
70%	+1082	+22	+574	+363	+0.004	+2.94	+1.62	+5.12	-0.307	+0.216	+0.078	+0.014	+0.068	+1.047	+0.336
80%	+911	-14	+473	+278	-0.002	+2.39	+1.33	+4.18	-0.160	+0.099	+0.023	-0.003	+0.011	+0.859	+0.071
90%	+673	-65	+332	+161	-0.011	+1.65	+0.93	+2.88	+0.045	-0.063	-0.052	-0.026	-0.068	+0.598	-0.295
95%	+476	-107	+216	+63	-0.018	+1.03	+0.60	+1.80	+0.215	-0.197	-0.115	-0.045	-0.134	+0.383	-0.598
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	118	144	181	134	144	181	181	181	134	134	134	134	134	134	134
Number of sires	1543	1699	2117	1754	1699	2117	2117	2117	1754	1754	1754	1754	1754	1754	1754

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

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NZGE December 2021

SIL GE # 38849

Sires with progeny born in

2018-2020

Threshold to be in top X%	NZGE Dual Purpose Indexes					NZGE Dual Purpose Sub-indexes											
	NZMW	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC	
5%	+3161	+3718	+3429	+5131	+3147	+840	+968	+2382	+282	+1773	+1086	+425	+711	+2599	+97	+726	
10%	+2882	+3381	+3111	+4694	+2862	+720	+836	+2167	+112	+1593	+923	+365	+553	+2261	+77	+610	
20%	+2543	+2973	+2726	+4166	+2518	+574	+676	+1906	-94	+1375	+726	+292	+361	+1851	+53	+469	
30%	+2299	+2679	+2449	+3785	+2269	+469	+560	+1718	-242	+1217	+584	+240	+223	+1555	+35	+368	
40%	+2091	+2428	+2212	+3460	+2056	+379	+461	+1558	-369	+1083	+462	+195	+105	+1303	+21	+281	
50%	+1896	+2193	+1990	+3156	+1858	+295	+369	+1408	-487	+958	+349	+153	-5	+1067	+7	+200	
60%	+1701	+1958	+1768	+2851	+1659	+211	+277	+1257	-606	+832	+235	+111	-115	+831	-7	+119	
70%	+1493	+1707	+1531	+2526	+1447	+121	+178	+1097	-732	+698	+114	+66	-233	+578	-22	+33	
80%	+1248	+1412	+1253	+2145	+1198	+16	+63	+909	-881	+541	-28	+14	-371	+283	-39	-68	
90%	+910	+1005	+869	+1617	+853	-130	-97	+648	-1086	+322	-225	-59	-563	-127	-64	-209	
95%	+631	+668	+551	+1181	+568	-250	-230	+433	-1256	+142	-388	-119	-721	-465	-83	-325	
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Wool, Meat Yield	Reproduction, Lamb Growth, Adult size, Wool, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, Wool, 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	131	105	45	33	49	242	260	291	187	187	175	157	53	39	57	81	
Number of sires	3497	2858	1324	1076	1691	4729	5078	5413	4128	4128	3820	3765	1445	1201	1851	2258	

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

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NZGE December 2021

SIL GE# 38849

Sires with progeny born in

2018-2020

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	+0.057	+0.038	+5.71	+3.02	+9.70	+3.14	-1.92	-0.931	+0.788	+0.360	+0.120	+0.370	+1.641	+1.695	+0.651
10%	+0.32	+0.049	+0.032	+5.14	+2.74	+8.79	+2.78	-0.76	-0.744	+0.640	+0.294	+0.100	+0.303	+1.404	+1.370	+0.559
20%	+0.26	+0.040	+0.024	+4.46	+2.40	+7.69	+2.34	+0.64	-0.519	+0.460	+0.213	+0.075	+0.221	+1.117	+0.977	+0.446
30%	+0.21	+0.033	+0.019	+3.96	+2.15	+6.89	+2.02	+1.65	-0.356	+0.331	+0.155	+0.058	+0.163	+0.910	+0.694	+0.365
50%	+0.13	+0.021	+0.010	+3.14	+1.74	+5.58	+1.50	+3.31	-0.087	+0.117	+0.060	+0.028	+0.066	+0.568	+0.226	+0.231
70%	+0.05	+0.010	+0.001	+2.32	+1.34	+4.27	+0.98	+4.98	+0.182	-0.097	-0.036	-0.001	-0.032	+0.226	-0.243	+0.097
80%	+0.00	+0.003	-0.005	+1.82	+1.09	+3.47	+0.67	+5.99	+0.345	-0.226	-0.094	-0.018	-0.090	+0.019	-0.526	+0.016
90%	-0.06	-0.007	-0.013	+1.13	+0.75	+2.37	+0.23	+7.39	+0.571	-0.406	-0.174	-0.043	-0.172	-0.269	-0.919	-0.097
95%	-0.12	-0.015	-0.019	+0.56	+0.46	+1.46	-0.13	+8.55	+0.757	-0.554	-0.240	-0.063	-0.239	-0.506	-1.243	-0.189
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	242	260	260	291	291	291	291	187	175	175	175	175	175	175	175	157
Number of sires	4729	5078	5078	5413	5413	5413	5413	4128	3820	3820	3820	3820	3820	3820	3820	3765

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE December 2021

SIL GE# 38849

Sires with progeny born in

2018-2020

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%	-46.5	-49.8	-69.3	+59.36	+1.24	-0.83	-0.86	-1.33	+0.39
10%	-35.5	-37.7	-55.8	+50.01	+0.95	-0.66	-0.68	-1.16	+0.32
20%	-22.2	-23.2	-39.4	+38.70	+0.61	-0.46	-0.47	-0.94	+0.25
30%	-12.6	-12.7	-27.6	+30.54	+0.35	-0.31	-0.32	-0.79	+0.20
50%	+3.3	+4.7	-8.1	+17.05	-0.06	-0.07	-0.06	-0.54	+0.11
70%	+19.2	+22.1	+11.4	+3.57	-0.48	+0.17	+0.19	-0.29	+0.02
80%	+28.8	+32.6	+23.2	-4.59	-0.73	+0.32	+0.35	-0.14	-0.03
90%	+42.1	+47.1	+39.6	-15.90	-1.08	+0.52	+0.56	+0.07	-0.10
95%	+53.1	+59.2	+53.1	-25.25	-1.36	+0.69	+0.74	+0.25	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	63	63	39	83
Number of sires	1478	1478	1478	60	60	2049	2049	1216	2364

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

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