

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE September 2021

SIL GE# 38620

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%	+2275	+277	+1274	+949	+0.046	+6.66	+3.61	+11.59	-1.329	+0.984	+0.445	+0.132	+0.452	+2.356	+1.983	
10%	+2077	+235	+1157	+852	+0.039	+6.04	+3.27	+10.51	-1.159	+0.854	+0.383	+0.113	+0.387	+2.139	+1.688	
20%	+1839	+184	+1016	+734	+0.030	+5.29	+2.87	+9.21	-0.953	+0.695	+0.309	+0.089	+0.309	+1.877	+1.331	
30%	+1666	+147	+915	+649	+0.024	+4.74	+2.58	+8.27	-0.805	+0.581	+0.255	+0.072	+0.252	+1.688	+1.074	
50%	+1382	+87	+747	+509	+0.014	+3.84	+2.11	+6.71	-0.559	+0.392	+0.165	+0.044	+0.158	+1.375	+0.648	
70%	+1097	+26	+578	+368	+0.004	+2.95	+1.63	+5.16	-0.314	+0.204	+0.076	+0.016	+0.065	+1.062	+0.223	
80%	+925	-11	+477	+283	-0.002	+2.40	+1.34	+4.22	-0.165	+0.090	+0.022	-0.001	+0.008	+0.873	-0.035	
90%	+686	-62	+336	+165	-0.010	+1.65	+0.94	+2.92	+0.041	-0.069	-0.053	-0.025	-0.071	+0.610	-0.392	
95%	+489	-104	+219	+68	-0.017	+1.03	+0.61	+1.84	+0.211	-0.200	-0.115	-0.044	-0.136	+0.393	-0.687	
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	112	142	180	128	142	180	180	180	128	128	128	128	128	128	128	
Number of sires	1497	1684	2092	1707	1684	2092	2092	2092	1707	1707	1707	1707	1707	1707	1707	

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 September 2021

SIL GE # 38620

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%	+3226	+3798	+3483	+5342	+3209	+839	+973	+2416	+272	+1794	+1094	+431	+717	+2561	+96	+724
10%	+2944	+3459	+3165	+4889	+2923	+722	+843	+2199	+101	+1616	+931	+371	+554	+2230	+76	+608
20%	+2602	+3048	+2779	+4341	+2577	+580	+686	+1937	-106	+1400	+734	+298	+357	+1829	+52	+468
30%	+2356	+2752	+2501	+3945	+2327	+478	+573	+1747	-255	+1245	+591	+246	+215	+1540	+35	+367
40%	+2145	+2499	+2263	+3608	+2113	+391	+476	+1586	-382	+1112	+470	+201	+93	+1293	+21	+281
50%	+1948	+2263	+2041	+3292	+1914	+309	+385	+1434	-501	+988	+356	+159	-20	+1062	+7	+200
60%	+1751	+2026	+1819	+2976	+1714	+228	+295	+1283	-620	+863	+243	+117	-134	+831	-7	+120
70%	+1541	+1773	+1581	+2638	+1501	+140	+198	+1122	-747	+730	+121	+72	-255	+584	-21	+33
80%	+1294	+1477	+1303	+2243	+1251	+38	+85	+932	-896	+575	-21	+20	-397	+295	-38	-68
90%	+952	+1067	+918	+1695	+905	-103	-72	+670	-1103	+359	-218	-53	-594	-106	-62	-208
95%	+670	+728	+599	+1242	+618	-221	-202	+453	-1274	+181	-381	-113	-757	-438	-82	-323
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	126	102	45	31	48	231	257	287	180	180	173	151	53	38	55	81
Number of sires	3306	2796	1326	959	1660	4597	5030	5329	4000	4000	3794	3589	1447	1193	1812	2260

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE September 2021

SIL GE# 38620

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	LWg ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLy	HQLY	CWY	EMAc ¹	FW12
5%	+0.38	+0.057	+0.039	+5.78	+3.06	+9.78	+3.18	-1.85	-0.934	+0.782	+0.360	+0.120	+0.369	+1.656	+1.562	+0.661
10%	+0.32	+0.050	+0.032	+5.21	+2.78	+8.87	+2.82	-0.69	-0.752	+0.634	+0.293	+0.100	+0.301	+1.420	+1.251	+0.568
20%	+0.26	+0.040	+0.025	+4.52	+2.43	+7.77	+2.38	+0.72	-0.532	+0.454	+0.212	+0.075	+0.219	+1.135	+0.874	+0.455
30%	+0.21	+0.034	+0.019	+4.02	+2.19	+6.98	+2.06	+1.73	-0.374	+0.324	+0.154	+0.057	+0.160	+0.930	+0.603	+0.374
50%	+0.14	+0.022	+0.010	+3.20	+1.78	+5.66	+1.53	+3.41	-0.112	+0.110	+0.058	+0.028	+0.063	+0.590	+0.154	+0.240
70%	+0.06	+0.011	+0.001	+2.38	+1.37	+4.35	+1.01	+5.08	+0.150	-0.105	-0.039	-0.002	-0.035	+0.250	-0.295	+0.106
80%	+0.01	+0.004	-0.005	+1.88	+1.12	+3.55	+0.69	+6.10	+0.308	-0.235	-0.097	-0.019	-0.094	+0.044	-0.567	+0.025
90%	-0.05	-0.005	-0.012	+1.19	+0.78	+2.45	+0.25	+7.50	+0.528	-0.414	-0.178	-0.044	-0.176	-0.241	-0.943	-0.088
95%	-0.11	-0.013	-0.019	+0.62	+0.49	+1.54	-0.11	+8.66	+0.709	-0.563	-0.245	-0.064	-0.243	-0.476	-1.255	-0.181
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	231	257	257	287	287	287	287	180	173	173	173	173	173	173	173	151
Number of sires	4597	5030	5030	5329	5329	5329	5329	4000	3794	3794	3794	3794	3794	3794	3794	3589

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE September 2021

SIL GE# 38620

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%	-46.9	-50.3	-68.7	+58.46	+1.25	-0.83	-0.84	-1.31	+0.38
10%	-35.6	-37.9	-55.1	+49.33	+0.96	-0.66	-0.67	-1.14	+0.32
20%	-21.9	-22.8	-38.7	+38.28	+0.61	-0.46	-0.46	-0.93	+0.25
30%	-12.1	-12.0	-26.9	+30.31	+0.36	-0.32	-0.31	-0.79	+0.20
50%	+4.2	+5.9	-7.3	+17.13	-0.05	-0.07	-0.06	-0.54	+0.11
70%	+20.5	+23.9	+12.2	+3.96	-0.47	+0.17	+0.18	-0.29	+0.02
80%	+30.4	+34.7	+24.0	-4.01	-0.72	+0.31	+0.33	-0.14	-0.03
90%	+44.1	+49.8	+40.5	-15.07	-1.07	+0.52	+0.54	+0.06	-0.10
95%	+55.4	+62.2	+54.0	-24.19	-1.35	+0.68	+0.71	+0.23	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	61	61	38	83
Number of sires	1480	1480	1480	60	60	2010	2010	1206	2366

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

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