

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE August 2021

SIL GE# 38574

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%	+2281	+279	+1276	+953	+0.046	+6.68	+3.61	+11.62	-1.333	+1.008	+0.460	+0.131	+0.457	+2.354	+2.024
10%	+2084	+237	+1160	+855	+0.039	+6.06	+3.28	+10.55	-1.160	+0.875	+0.397	+0.112	+0.392	+2.138	+1.723
20%	+1846	+186	+1020	+737	+0.031	+5.31	+2.88	+9.25	-0.951	+0.714	+0.320	+0.088	+0.313	+1.876	+1.359
30%	+1674	+149	+918	+652	+0.025	+4.77	+2.59	+8.31	-0.800	+0.599	+0.265	+0.071	+0.257	+1.687	+1.096
50%	+1390	+88	+751	+511	+0.015	+3.87	+2.12	+6.76	-0.551	+0.407	+0.174	+0.044	+0.163	+1.376	+0.662
70%	+1106	+27	+583	+370	+0.004	+2.98	+1.64	+5.21	-0.302	+0.216	+0.083	+0.016	+0.069	+1.064	+0.227
80%	+934	-10	+482	+285	-0.002	+2.44	+1.35	+4.27	-0.151	+0.100	+0.027	-0.001	0.000	0.000	-0.035
90%	+696	-61	+341	+166	-0.010	+1.69	+0.95	+2.97	+0.058	-0.060	-0.049	-0.025	-0.067	+0.613	-0.400
95%	+499	-104	+225	+69	-0.017	+1.07	+0.62	+1.90	+0.231	-0.193	-0.112	-0.044	-0.132	+0.397	-0.701
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	1489	1673	2081	1699	1673	2081	2081	2081	1699	1699	1699	1699	1699	1699	1699

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 August 2021

SIL GE # 38574

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%	+3238	+3814	+3479	+5443	+3218	+837	+972	+2418	+274	+1799	+1096	+428	+710	+2650	+97	+720
10%	+2955	+3474	+3164	+4979	+2937	+721	+843	+2201	+103	+1620	+932	+369	+550	+2317	+77	+605
20%	+2612	+3062	+2783	+4418	+2596	+580	+686	+1939	-104	+1404	+735	+297	+356	+1913	+53	+466
30%	+2364	+2765	+2508	+4012	+2350	+479	+573	+1750	-253	+1249	+592	+245	+216	+1622	+36	+366
40%	+2153	+2511	+2273	+3666	+2140	+392	+477	+1588	-380	+1115	+470	+201	+96	+1374	+22	+280
50%	+1955	+2273	+2053	+3343	+1944	+311	+386	+1437	-500	+991	+356	+160	-15	+1141	+8	+200
60%	+1758	+2036	+1834	+3019	+1748	+230	+296	+1286	-619	+867	+243	+118	-127	+909	-5	+120
70%	+1546	+1782	+1599	+2673	+1538	+143	+200	+1125	-746	+733	+121	+74	-247	+660	-20	+34
80%	+1299	+1485	+1324	+2268	+1292	+42	+87	+935	-896	+578	-22	+22	-386	+369	-37	-66
90%	+956	+1073	+943	+1706	+951	-98	-70	+673	-1103	+362	-220	-49	-580	-34	-60	-205
95%	+673	+732	+628	+1242	+670	-215	-200	+456	-1274	+183	-383	-109	-741	-367	-80	-320
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	123	101	45	28	43	225	257	287	179	179	173	146	53	34	49	80
Number of sires	3213	2718	1325	845	1503	4547	5023	5318	3991	3991	3791	3484	1446	1048	1641	2242

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

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NZGE August 2021

SIL GE# 38574

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%	+0.37	+0.057	+0.039	+5.78	+3.06	+9.79	+3.18	-1.87	-0.980	+0.786	+0.368	+0.119	+0.368	+1.652	+1.567	+0.655
10%	+0.32	+0.050	+0.032	+5.21	+2.78	+8.88	+2.82	-0.70	-0.798	+0.638	+0.300	+0.098	+0.301	+1.417	+1.222	+0.564
20%	+0.26	+0.040	+0.025	+4.52	+2.44	+7.78	+2.38	+0.70	-0.576	+0.458	+0.217	+0.074	+0.219	+1.133	+0.803	+0.453
30%	+0.21	+0.033	+0.019	+4.02	+2.19	+6.99	+2.06	+1.72	-0.417	+0.328	+0.158	+0.056	+0.160	+0.928	+0.501	+0.373
50%	+0.14	+0.022	+0.010	+3.20	+1.78	+5.67	+1.54	+3.40	-0.153	+0.114	+0.059	+0.027	+0.063	+0.589	+0.002	+0.241
70%	+0.06	+0.011	+0.001	+2.38	+1.37	+4.36	+1.01	+5.08	+0.111	-0.101	-0.040	-0.002	-0.034	+0.250	-0.497	+0.108
80%	+0.01	+0.004	-0.005	+1.88	+1.12	+3.56	+0.70	+6.09	+0.270	-0.230	-0.099	-0.020	-0.093	+0.045	-0.799	+0.028
90%	-0.05	-0.005	-0.012	+1.19	+0.78	+2.46	+0.26	+7.50	+0.492	-0.410	-0.182	-0.044	-0.174	-0.239	-1.218	-0.083
95%	-0.10	-0.013	-0.019	+0.62	+0.50	+1.55	-0.11	+8.66	+0.674	-0.558	-0.250	-0.064	-0.242	-0.474	-1.564	-0.174
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	225	257	257	287	287	287	287	179	173	173	173	173	173	173	173	146
Number of sires	4547	5023	5023	5318	5318	5318	5318	3991	3791	3791	3791	3791	3791	3791	3791	3484

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE August 2021

SIL GE# 38574

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%	-46.6	-49.7	-67.8	+58.66	+1.24	-0.84	-0.84	-1.36	+0.38
10%	-35.4	-37.5	-54.5	+49.59	+0.96	-0.67	-0.67	-1.19	+0.32
20%	-21.8	-22.7	-38.5	+38.61	+0.61	-0.47	-0.47	-0.98	+0.25
30%	-12.0	-12.1	-27.0	+30.69	+0.36	-0.32	-0.32	-0.83	+0.20
50%	+4.1	+5.5	-7.9	+17.60	-0.06	-0.08	-0.08	-0.58	+0.11
70%	+20.3	+23.1	+11.2	+4.51	-0.47	+0.17	+0.16	-0.33	+0.02
80%	+30.1	+33.8	+22.8	-3.41	-0.72	+0.31	+0.30	-0.18	-0.03
90%	+43.6	+48.6	+38.8	-14.39	-1.07	+0.52	+0.51	+0.03	-0.10
95%	+54.8	+60.8	+52.0	-23.46	-1.36	+0.69	+0.67	+0.20	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	55	55	34	82
Number of sires	1479	1479	1479	60	60	1839	1839	1061	2341

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

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