

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE February 2021

SIL GE# 38145

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%	+2367	+283	+1327	+972	+0.047	+6.91	+3.76	+12.23	-1.335	+0.999	+0.453	+0.132	+0.450	+2.431	+2.004	
10%	+2167	+240	+1208	+874	+0.040	+6.28	+3.42	+11.12	-1.169	+0.869	+0.391	+0.113	+0.386	+2.209	+1.716	
20%	+1924	+189	+1064	+755	+0.031	+5.51	+3.01	+9.76	-0.967	+0.711	+0.315	+0.090	+0.309	+1.941	+1.367	
30%	+1749	+152	+960	+669	+0.025	+4.96	+2.72	+8.78	-0.822	+0.597	+0.261	+0.074	+0.253	+1.747	+1.116	
50%	+1459	+91	+788	+528	+0.015	+4.05	+2.23	+7.16	-0.581	+0.409	+0.171	+0.047	+0.162	+1.427	+0.700	
70%	+1170	+30	+616	+386	+0.005	+3.14	+1.74	+5.55	-0.341	+0.221	+0.082	+0.020	+0.070	+1.107	+0.285	
80%	+995	-7	+512	+300	-0.001	+2.59	+1.44	+4.57	-0.195	+0.107	+0.027	+0.003	0.000	0.000	+0.033	
90%	+752	-58	+368	+181	-0.010	+1.82	+1.03	+3.21	+0.006	-0.051	-0.048	-0.020	-0.063	+0.645	-0.316	
95%	+552	-101	+249	+83	-0.017	+1.19	+0.69	+2.09	+0.173	-0.181	-0.110	-0.039	-0.127	+0.423	-0.604	
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	103	135	164	117	135	164	164	164	117	117	117	117	117	117	117	
Number of sires	1334	1542	1818	1509	1542	1818	1818	1818	1509	1509	1509	1509	1509	1509	1509	

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 February 2021

SIL GE # 38145

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%	+3287	+3856	+3454	+5473	+3330	+836	+959	+2477	+240	+1806	+1083	+436	+710	+2693	+106	+693
10%	+3004	+3523	+3168	+5011	+3029	+724	+833	+2260	+70	+1629	+924	+376	+554	+2358	+85	+585
20%	+2660	+3119	+2821	+4453	+2665	+589	+681	+1998	-137	+1415	+732	+303	+365	+1952	+59	+455
30%	+2413	+2828	+2572	+4050	+2402	+491	+572	+1809	-286	+1260	+594	+251	+228	+1659	+41	+361
40%	+2201	+2580	+2358	+3705	+2177	+408	+478	+1647	-413	+1128	+476	+206	+112	+1409	+26	+280
50%	+2003	+2347	+2159	+3384	+1968	+330	+391	+1496	-532	+1004	+365	+165	+3	+1175	+11	+205
60%	+1806	+2115	+1959	+3062	+1758	+252	+303	+1344	-651	+881	+255	+123	-106	+942	-4	+130
70%	+1594	+1866	+1746	+2717	+1533	+169	+209	+1183	-778	+749	+136	+78	-222	+692	-19	+49
80%	+1347	+1575	+1496	+2314	+1271	+71	+100	+993	-927	+594	-2	+26	-358	+399	-38	-45
90%	+1003	+1172	+1150	+1756	+906	-64	-52	+731	-1134	+380	-194	-47	-547	-7	-63	-176
95%	+720	+838	+864	+1294	+605	-176	-178	+514	-1304	+203	-353	-107	-703	-342	-84	-284
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	117	95	41	27	34	213	248	272	168	168	160	146	45	31	41	67
Number of sires	2997	2515	1190	811	975	4202	4639	4907	3612	3612	3122	3306	1230	898	1118	1971

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE February 2021

SIL GE# 38145

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%	+0.37	+0.057	+0.038	+5.92	+3.15	+10.22	+3.25	-1.64	-0.917	+0.770	+0.360	+0.121	+0.364	+1.639	+1.570	+0.666
10%	+0.32	+0.049	+0.032	+5.35	+2.87	+9.28	+2.87	-0.48	-0.741	+0.626	+0.294	+0.101	+0.299	+1.408	+1.266	+0.574
20%	+0.26	+0.040	+0.024	+4.66	+2.52	+8.14	+2.42	+0.93	-0.527	+0.452	+0.214	+0.077	+0.219	+1.129	+0.897	+0.462
30%	+0.22	+0.034	+0.019	+4.16	+2.28	+7.32	+2.09	+1.94	-0.373	+0.327	+0.157	+0.059	+0.162	+0.928	+0.632	+0.382
50%	+0.14	+0.023	+0.010	+3.34	+1.87	+5.97	+1.55	+3.62	-0.118	+0.120	+0.061	+0.030	+0.067	+0.596	+0.193	+0.248
70%	+0.07	+0.012	+0.001	+2.52	+1.45	+4.61	+1.01	+5.29	+0.137	-0.088	-0.034	+0.001	-0.028	+0.264	-0.245	+0.115
80%	+0.02	+0.005	-0.004	+2.02	+1.21	+3.80	+0.68	+6.31	+0.292	-0.213	-0.092	-0.017	-0.085	+0.063	-0.511	+0.034
90%	-0.04	-0.004	-0.012	+1.33	+0.86	+2.66	+0.23	+7.71	+0.505	-0.387	-0.172	-0.041	-0.165	-0.216	-0.879	-0.078
95%	-0.09	-0.011	-0.018	+0.76	+0.58	+1.72	-0.15	+8.87	+0.682	-0.531	-0.238	-0.061	-0.230	-0.447	-1.183	-0.170
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	213	248	248	272	272	272	272	168	160	160	160	160	160	160	160	146
Number of sires	4202	4639	4639	4907	4907	4907	4907	3612	3122	3122	3122	3122	3122	3122	3122	3306

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE February 2021

SIL GE# 38145

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%	-45.9	-49.0	-68.1	+59.90	+1.34	-0.91	-0.90	-1.38	+0.37
10%	-34.9	-37.0	-55.5	+50.96	+1.06	-0.74	-0.72	-1.21	+0.32
20%	-21.7	-22.5	-40.3	+40.14	+0.71	-0.52	-0.51	-1.00	+0.25
30%	-12.1	-12.0	-29.3	+32.34	+0.47	-0.37	-0.36	-0.84	+0.20
50%	+3.6	+5.3	-11.1	+19.44	+0.06	-0.11	-0.10	-0.59	+0.11
70%	+19.4	+22.6	+7.1	+6.54	-0.35	+0.14	+0.15	-0.34	+0.03
80%	+29.0	+33.0	+18.1	-1.26	-0.59	+0.29	+0.30	-0.19	-0.02
90%	+42.2	+47.5	+33.3	-12.08	-0.93	+0.51	+0.51	+0.02	-0.09
95%	+53.2	+59.5	+45.9	-21.02	-1.22	+0.68	+0.69	+0.19	-0.14
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	45	45	45	3	3	47	47	31	69
Number of sires	1255	1255	1255	60	60	1316	1316	912	2068

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

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