

NZGE Indexes - Terminal Sire - Sire Percentile Bands

1 of 4

NZGE April 2022

SIL GE# 39348

Sires with progeny born in

2019-2021

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%	+2167	+243	+1244	+898	+0.040	+6.55	+3.51	+11.29	-1.227	+0.878	+0.389	+0.128	+0.413	+2.303	+2.117
10%	+1973	+203	+1128	+804	+0.033	+5.93	+3.18	+10.22	-1.067	+0.758	+0.333	+0.109	+0.352	+2.084	+1.813
20%	+1739	+153	+987	+690	+0.025	+5.17	+2.78	+8.93	-0.873	+0.613	+0.266	+0.086	+0.279	+1.819	+1.445
30%	+1569	+118	+886	+608	+0.019	+4.63	+2.50	+8.00	-0.733	+0.508	+0.217	+0.069	+0.225	+1.629	+1.180
50%	+1290	+59	+719	+473	+0.010	+3.73	+2.02	+6.46	-0.502	+0.335	+0.137	+0.041	+0.138	+1.313	+0.741
70%	+1010	-0	+552	+337	-0.000	+2.83	+1.55	+4.92	-0.271	+0.162	+0.056	+0.014	+0.050	+0.997	+0.303
80%	+841	-36	+450	+255	-0.006	+2.29	+1.26	+3.99	-0.132	+0.058	+0.007	-0.003	-0.003	+0.807	+0.038
90%	+607	-85	+310	+141	-0.014	+1.53	+0.86	+2.69	+0.062	-0.087	-0.060	-0.026	-0.076	+0.542	-0.330
95%	+413	-126	+194	+47	-0.021	+0.91	+0.54	+1.63	+0.222	-0.207	-0.116	-0.045	-0.137	+0.323	-0.634
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	104	140	184	120	140	184	184	184	120	120	120	120	120	120	120
Number of sires	1535	1747	2209	1808	1747	2209	2209	2209	1808	1808	1808	1808	1808	1808	1808

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

2 of 4

NZGE April 2022

SIL GE # 39348

Sires with progeny born in 2019-2021

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%	+3108	+3569	+3348	+5162	+3030	+860	+949	+2343	+295	+1754	+1041	+429	+661	+2585	+107	+726	
10%	+2838	+3257	+3052	+4726	+2762	+736	+813	+2129	+126	+1573	+885	+369	+514	+2256	+84	+609	
20%	+2511	+2880	+2694	+4199	+2438	+587	+650	+1869	-78	+1355	+696	+295	+335	+1858	+56	+467	
30%	+2275	+2607	+2436	+3818	+2205	+479	+532	+1682	-226	+1198	+560	+242	+206	+1570	+36	+365	
40%	+2074	+2375	+2216	+3493	+2005	+388	+431	+1522	-352	+1064	+444	+197	+95	+1325	+19	+278	
50%	+1886	+2157	+2010	+3189	+1818	+302	+337	+1372	-469	+938	+336	+154	-8	+1095	+3	+196	
60%	+1698	+1940	+1803	+2885	+1632	+216	+242	+1223	-587	+812	+227	+112	-111	+866	-13	+115	
70%	+1496	+1707	+1583	+2560	+1432	+124	+141	+1063	-713	+678	+111	+67	-221	+620	-31	+28	
80%	+1261	+1435	+1325	+2180	+1198	+16	+23	+876	-860	+521	-25	+13	-350	+333	-51	-75	
90%	+934	+1057	+967	+1652	+874	-133	-140	+616	-1064	+303	-213	-60	-529	-65	-79	-216	
95%	+664	+745	+672	+1216	+606	-256	-276	+402	-1233	+123	-369	-121	-676	-394	-102	-333	
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	116	84	47	29	47	223	251	280	177	177	150	138	62	38	61	77	
Number of sires	3085	2386	1451	896	1863	4387	4946	5272	4023	4023	3556	3392	1689	1152	2265	2170	

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

3 of 4

NZGE April 2022

SIL GE# 39348

Sires with progeny born in

2019-2021

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%	+0.39	+0.053	+0.040	+5.64	+2.97	+9.54	+3.16	-2.00	-0.850	+0.653	+0.303	+0.121	+0.333	+1.640	+1.669	+0.658
10%	+0.33	+0.046	+0.033	+5.07	+2.69	+8.64	+2.79	-0.86	-0.682	+0.532	+0.248	+0.100	+0.273	+1.400	+1.341	+0.564
20%	+0.26	+0.037	+0.025	+4.38	+2.35	+7.54	+2.33	+0.53	-0.479	+0.385	+0.182	+0.075	+0.200	+1.110	+0.943	+0.450
30%	+0.21	+0.030	+0.019	+3.89	+2.10	+6.75	+2.01	+1.53	-0.332	+0.279	+0.134	+0.056	+0.147	+0.901	+0.656	+0.369
50%	+0.13	+0.019	+0.009	+3.07	+1.70	+5.44	+1.47	+3.19	-0.089	+0.105	+0.054	+0.026	+0.060	+0.554	+0.182	+0.233
70%	+0.05	+0.008	-0.001	+2.25	+1.29	+4.13	+0.92	+4.85	+0.153	-0.070	-0.025	-0.004	-0.027	+0.208	-0.292	+0.098
80%	+0.00	+0.002	-0.007	+1.75	+1.05	+3.34	+0.60	+5.85	+0.300	-0.176	-0.073	-0.022	-0.080	-0.001	-0.578	+0.016
90%	-0.06	-0.007	-0.015	+1.07	+0.71	+2.24	+0.14	+7.24	+0.504	-0.322	-0.140	-0.047	-0.153	-0.291	-0.976	-0.098
95%	-0.12	-0.015	-0.022	+0.50	+0.43	+1.34	-0.23	+8.39	+0.672	-0.443	-0.195	-0.068	-0.213	-0.531	-1.305	-0.191
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	223	251	251	280	280	280	280	177	150	150	150	150	150	150	150	138
Number of sires	4387	4946	4946	5272	5272	5272	5272	4023	3556	3556	3556	3556	3556	3556	3556	3392

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NZGE gBV's - Health traits - Sire Percentile Bands

4 of 4

NZGE April 2022

SIL GE# 39348

Sires with progeny born in

2019-2021

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%	-43.6	-46.2	-64.3	+36.70	+1.91	-0.82	-1.07	-1.33	+0.38
10%	-33.2	-35.0	-51.8	+30.84	+1.58	-0.65	-0.84	-1.16	+0.32
20%	-20.7	-21.3	-36.7	+23.75	+1.18	-0.44	-0.57	-0.95	+0.24
30%	-11.6	-11.5	-25.9	+18.63	+0.89	-0.29	-0.37	-0.81	+0.19
50%	+3.4	+4.8	-7.9	+10.18	+0.42	-0.04	-0.04	-0.56	+0.10
70%	+18.4	+21.1	+10.1	+1.72	-0.06	+0.21	+0.29	-0.32	+0.02
80%	+27.4	+30.9	+20.9	-3.39	-0.35	+0.36	+0.49	-0.17	-0.04
90%	+40.0	+44.6	+36.0	-10.49	-0.75	+0.57	+0.77	+0.04	-0.11
95%	+50.4	+55.8	+48.5	-16.35	-1.08	+0.74	+1.00	+0.21	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	63	63	63	4	4	68	68	38	78
Number of sires	1727	1727	1727	236	236	2512	2512	1155	2227

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

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