

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE March 2022

SIL GE# 39256

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%	+2198	+247	+1256	+904	+0.041	+6.60	+3.54	+11.44	-1.229	+0.877	+0.388	+0.131	+0.418	+2.320	+2.139
10%	+2006	+206	+1140	+810	+0.034	+5.98	+3.22	+10.37	-1.069	+0.757	+0.332	+0.112	+0.357	+2.103	+1.834
20%	+1774	+157	+999	+697	+0.026	+5.22	+2.82	+9.07	-0.876	+0.613	+0.265	+0.089	+0.282	+1.840	+1.465
30%	+1607	+122	+897	+615	+0.020	+4.68	+2.53	+8.13	-0.736	+0.509	+0.216	+0.072	+0.229	+1.650	+1.198
50%	+1330	+63	+729	+480	+0.010	+3.78	+2.05	+6.58	-0.505	+0.336	+0.136	+0.044	+0.140	+1.337	+0.758
70%	+1053	+5	+562	+345	+0.001	+2.88	+1.58	+5.03	-0.275	+0.164	+0.056	+0.016	+0.052	+1.023	+0.318
80%	+886	-31	+460	+264	-0.005	+2.33	+1.29	+4.09	-0.135	+0.060	+0.007	-0.001	-0.002	+0.834	+0.052
90%	+654	-80	+319	+150	-0.013	+1.57	+0.89	+2.80	+0.059	-0.085	-0.060	-0.025	-0.076	+0.571	-0.318
95%	+462	-120	+203	+57	-0.020	+0.95	+0.56	+1.72	+0.219	-0.204	-0.116	-0.044	-0.138	+0.353	-0.623
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	91	138	178	107	138	178	178	178	107	107	107	107	107	107	107
Number of sires	1392	1745	2183	1665	1745	2183	2183	2183	1665	1665	1665	1665	1665	1665	1665

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 March 2022

SIL GE # 39256

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%	+3125	+3592	+3367	+5189	+3055	+861	+941	+2370	+291	+1766	+1027	+431	+673	+2607	+98	+732
10%	+2854	+3279	+3067	+4753	+2785	+737	+808	+2155	+121	+1586	+873	+370	+521	+2273	+78	+614
20%	+2525	+2900	+2703	+4225	+2458	+588	+647	+1894	-85	+1367	+687	+296	+338	+1869	+52	+471
30%	+2289	+2626	+2441	+3844	+2222	+480	+530	+1706	-233	+1209	+553	+243	+205	+1577	+34	+368
40%	+2086	+2393	+2217	+3518	+2020	+388	+431	+1545	-360	+1075	+439	+198	+92	+1328	+18	+280
50%	+1897	+2174	+2008	+3214	+1832	+302	+338	+1395	-478	+949	+332	+155	-14	+1095	+4	+198
60%	+1708	+1956	+1798	+2909	+1644	+216	+245	+1245	-597	+823	+225	+113	-119	+863	-11	+115
70%	+1505	+1722	+1574	+2584	+1442	+124	+146	+1084	-724	+688	+110	+67	-232	+614	-26	+27
80%	+1269	+1449	+1312	+2203	+1207	+16	+29	+896	-872	+530	-24	+14	-365	+322	-44	-76
90%	+940	+1070	+949	+1674	+880	-133	-132	+635	-1078	+312	-210	-60	-548	-82	-70	-219
95%	+669	+757	+648	+1238	+610	-256	-266	+420	-1248	+131	-364	-121	-700	-416	-91	-337
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	28	47	222	241	270	176	176	140	138	60	35	60	77
Number of sires	3092	2393	1452	894	1864	4386	4879	5216	4026	4026	3442	3399	1642	1122	2264	2175

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

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NZGE March 2022

SIL GE# 39256

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	LW8 ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹	FW12
5%	+0.39	+0.053	+0.039	+5.68	+3.00	+9.66	+3.21	-1.98	-0.829	+0.618	+0.286	+0.120	+0.321	+1.644	+1.672	+0.660
10%	+0.33	+0.046	+0.033	+5.12	+2.72	+8.75	+2.82	-0.82	-0.663	+0.502	+0.233	+0.099	+0.262	+1.404	+1.344	+0.566
20%	+0.26	+0.037	+0.024	+4.43	+2.38	+7.65	+2.36	+0.58	-0.462	+0.362	+0.170	+0.073	+0.191	+1.113	+0.948	+0.452
30%	+0.21	+0.030	+0.019	+3.94	+2.14	+6.86	+2.03	+1.59	-0.317	+0.262	+0.124	+0.055	+0.140	+0.904	+0.662	+0.370
50%	+0.13	+0.020	+0.009	+3.12	+1.73	+5.55	+1.47	+3.25	-0.077	+0.095	+0.049	+0.025	+0.055	+0.558	+0.189	+0.235
70%	+0.05	+0.009	-0.001	+2.31	+1.32	+4.24	+0.92	+4.92	+0.163	-0.072	-0.027	-0.005	-0.029	+0.212	-0.283	+0.099
80%	+0.00	+0.002	-0.007	+1.81	+1.08	+3.44	+0.58	+5.93	+0.308	-0.173	-0.072	-0.023	-0.080	+0.002	-0.569	+0.017
90%	-0.06	-0.007	-0.015	+1.13	+0.74	+2.34	+0.12	+7.33	+0.509	-0.312	-0.136	-0.049	-0.151	-0.288	-0.966	-0.097
95%	-0.12	-0.014	-0.022	+0.56	+0.46	+1.43	-0.26	+8.49	+0.675	-0.428	-0.188	-0.069	-0.210	-0.528	-1.293	-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	222	241	241	270	270	270	270	176	140	140	140	140	140	140	140	138
Number of sires	4386	4879	4879	5216	5216	5216	5216	4026	3442	3442	3442	3442	3442	3442	3442	3399

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE March 2022

SIL GE# 39256

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%	-44.3	-47.1	-65.2	+38.97	+2.04	-0.81	-0.91	-1.34	+0.38
10%	-33.5	-35.6	-52.6	+33.11	+1.71	-0.64	-0.72	-1.17	+0.32
20%	-20.5	-21.6	-37.4	+26.03	+1.31	-0.44	-0.49	-0.96	+0.25
30%	-11.1	-11.5	-26.4	+20.92	+1.02	-0.29	-0.32	-0.81	+0.19
50%	+4.4	+5.2	-8.2	+12.48	+0.54	-0.05	-0.04	-0.56	+0.11
70%	+19.9	+21.9	+10.0	+4.03	+0.06	+0.19	+0.24	-0.31	+0.02
80%	+29.3	+32.0	+21.0	-1.08	-0.23	+0.33	+0.40	-0.16	-0.04
90%	+42.3	+45.9	+36.2	-8.16	-0.64	+0.54	+0.64	+0.04	-0.11
95%	+53.1	+57.5	+48.8	-14.01	-0.97	+0.70	+0.83	+0.22	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	61	61	61	3	3	67	67	35	78
Number of sires	1680	1680	1680	228	228	2511	2511	1125	2232

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

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