

NZGE Indexes - Terminal Sire - Sire Percentile Bands

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NZGE March 2021

SIL GE# 38256

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%	+2318	+281	+1293	+957	+0.046	+6.77	+3.65	+11.85	-1.324	+0.966	+0.449	+0.136	+0.447	+2.393	+2.025
10%	+2123	+239	+1178	+860	+0.039	+6.15	+3.33	+10.78	-1.155	+0.838	+0.386	+0.116	+0.383	+2.175	+1.728
20%	+1887	+188	+1039	+743	+0.031	+5.41	+2.93	+9.49	-0.951	+0.682	+0.311	+0.093	+0.306	+1.911	+1.368
30%	+1717	+151	+938	+658	+0.025	+4.87	+2.65	+8.55	-0.803	+0.569	+0.257	+0.076	+0.250	+1.720	+1.108
50%	+1436	+90	+772	+518	+0.015	+3.98	+2.18	+7.01	-0.560	+0.383	+0.167	+0.048	+0.157	+1.405	+0.679
70%	+1154	+29	+607	+377	+0.005	+3.10	+1.71	+5.47	-0.317	+0.197	+0.077	+0.019	+0.064	+1.091	+0.249
80%	+984	-8	+506	+292	-0.001	+2.56	+1.42	+4.53	-0.169	+0.085	+0.023	+0.002	0.000	0.000	-0.011
90%	+748	-59	+367	+175	-0.010	+1.81	+1.03	+3.24	+0.035	-0.071	-0.053	-0.021	-0.069	+0.636	-0.371
95%	+553	-102	+252	+78	-0.017	+1.20	+0.70	+2.17	+0.204	-0.200	-0.115	-0.041	-0.133	+0.418	-0.668
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	139	170	119	139	170	170	170	119	119	119	119	119	119	119
Number of sires	1350	1596	1911	1564	1596	1911	1911	1911	1564	1564	1564	1564	1564	1564	1564

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 2021

SIL GE # 38256

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%	+3277	+3826	+3475	+5487	+3346	+831	+963	+2463	+249	+1801	+1076	+433	+731	+2717	+105	+686
10%	+2994	+3493	+3184	+5025	+3046	+720	+835	+2246	+78	+1625	+914	+374	+571	+2378	+84	+578
20%	+2651	+3091	+2830	+4465	+2683	+585	+681	+1985	-128	+1411	+718	+301	+376	+1968	+59	+446
30%	+2404	+2800	+2576	+4062	+2421	+488	+570	+1796	-277	+1257	+576	+249	+235	+1673	+41	+351
40%	+2193	+2552	+2358	+3717	+2197	+405	+475	+1635	-404	+1126	+455	+205	+115	+1420	+25	+270
50%	+1996	+2320	+2155	+3394	+1988	+327	+386	+1484	-522	+1003	+343	+163	+3	+1184	+11	+194
60%	+1798	+2088	+1952	+3072	+1779	+249	+297	+1333	-641	+880	+230	+122	-109	+948	-4	+118
70%	+1587	+1840	+1734	+2727	+1555	+166	+202	+1172	-768	+748	+109	+77	-229	+695	-19	+37
80%	+1340	+1550	+1479	+2324	+1293	+69	+91	+983	-917	+595	-33	+25	-370	+399	-37	-58
90%	+997	+1147	+1126	+1764	+930	-66	-63	+722	-1123	+381	-229	-47	-565	-11	-62	-190
95%	+714	+815	+835	+1302	+630	-177	-191	+505	-1294	+205	-390	-107	-726	-349	-83	-298
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	96	41	27	36	214	256	280	168	168	162	146	46	31	43	69
Number of sires	3040	2562	1217	818	1056	4302	4811	5070	3658	3658	3220	3354	1275	905	1195	2030

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

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NZGE March 2021

SIL GE# 38256

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	+0.038	+5.89	+3.13	+10.11	+3.25	-1.69	-0.944	+0.770	+0.363	+0.124	+0.366	+1.624	+1.536	+0.662
10%	+0.32	+0.049	+0.032	+5.33	+2.85	+9.18	+2.87	-0.53	-0.762	+0.621	+0.294	+0.103	+0.297	+1.392	+1.224	+0.570
20%	+0.26	+0.040	+0.024	+4.64	+2.50	+8.06	+2.42	+0.87	-0.541	+0.441	+0.211	+0.077	+0.215	+1.110	+0.847	+0.459
30%	+0.21	+0.033	+0.019	+4.14	+2.25	+7.25	+2.09	+1.88	-0.382	+0.311	+0.151	+0.059	+0.155	+0.908	+0.574	+0.379
50%	+0.14	+0.023	+0.010	+3.32	+1.85	+5.91	+1.55	+3.55	-0.119	+0.096	+0.051	+0.028	+0.057	+0.572	+0.125	+0.246
70%	+0.07	+0.012	+0.001	+2.50	+1.44	+4.56	+1.01	+5.23	+0.144	-0.119	-0.048	-0.002	-0.042	+0.237	-0.325	+0.113
80%	+0.02	+0.005	-0.005	+2.00	+1.19	+3.75	+0.68	+6.24	+0.303	-0.249	-0.108	-0.021	-0.101	+0.034	-0.597	+0.033
90%	-0.04	-0.004	-0.012	+1.31	+0.85	+2.63	+0.23	+7.64	+0.523	-0.429	-0.192	-0.046	-0.184	-0.247	-0.975	-0.078
95%	-0.09	-0.012	-0.019	+0.74	+0.56	+1.70	-0.15	+8.80	+0.705	-0.578	-0.260	-0.068	-0.252	-0.480	-1.286	-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	214	256	256	280	280	280	280	168	162	162	162	162	162	162	162	146
Number of sires	4302	4811	4811	5070	5070	5070	5070	3658	3220	3220	3220	3220	3220	3220	3220	3354

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NZGE gBVs - Health traits - Sire Percentile Bands

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NZGE March 2021

SIL GE# 38256

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%	-48.1	-50.3	-70.7	+61.56	+1.33	-0.90	-0.90	-1.39	+0.37
10%	-36.8	-38.1	-57.3	+52.09	+1.03	-0.73	-0.73	-1.22	+0.31
20%	-23.1	-23.3	-41.1	+40.62	+0.68	-0.51	-0.51	-1.00	+0.24
30%	-13.2	-12.6	-29.4	+32.36	+0.42	-0.36	-0.36	-0.85	+0.19
50%	+3.1	+5.1	-10.0	+18.69	-0.00	-0.10	-0.11	-0.60	+0.11
70%	+19.4	+22.7	+9.3	+5.02	-0.42	+0.15	+0.15	-0.35	+0.03
80%	+29.3	+33.4	+21.0	-3.25	-0.68	+0.31	+0.30	-0.19	-0.02
90%	+43.0	+48.2	+37.2	-14.71	-1.03	+0.52	+0.52	+0.02	-0.09
95%	+54.3	+60.4	+50.6	-24.18	-1.33	+0.70	+0.69	+0.19	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	46	46	46	3	3	49	49	31	71
Number of sires	1300	1300	1300	60	60	1392	1392	918	2127

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

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