

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE October 2020

SIL GE# 37765

Sires with progeny born in

2017-2019

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%	+2200	+262	+1246	+893	+0.043	+6.56	+3.52	+11.33	-1.165	+0.874	+0.390	+0.140	+0.417	+2.306	+1.994	
10%	+2016	+222	+1132	+801	+0.037	+5.94	+3.19	+10.28	-1.015	+0.755	+0.333	+0.121	+0.356	+2.091	+1.709	
20%	+1794	+173	+993	+691	+0.028	+5.20	+2.80	+9.00	-0.833	+0.610	+0.264	+0.097	+0.281	+1.830	+1.364	
30%	+1634	+138	+893	+611	+0.023	+4.66	+2.51	+8.08	-0.702	+0.506	+0.214	+0.080	+0.228	+1.642	+1.115	
50%	+1369	+79	+727	+479	+0.013	+3.77	+2.05	+6.55	-0.485	+0.334	+0.131	+0.052	+0.139	+1.332	+0.704	
70%	+1104	+21	+562	+347	+0.003	+2.89	+1.58	+5.03	-0.268	+0.162	+0.049	+0.024	+0.051	+1.021	+0.293	
80%	+944	-15	+462	+267	-0.002	+2.35	+1.29	+4.11	-0.137	+0.058	-0.001	+0.007	0.000	0.000	+0.044	
90%	+722	-64	+323	+156	-0.011	+1.60	+0.90	+2.83	+0.045	-0.086	-0.070	-0.016	-0.077	+0.573	-0.301	
95%	+539	-104	+208	+65	-0.017	+0.99	+0.57	+1.78	+0.195	-0.205	-0.127	-0.036	-0.139	+0.358	-0.586	
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	kg lean	sq. cm
Number of connected flocks	110	148	187	125	148	187	187	187	125	125	125	125	125	125	125	
Number of sires	1356	1628	1936	1527	1628	1936	1936	1936	1527	1527	1527	1527	1527	1527	1527	

¹ These 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 October 2020

SIL GE # 37765

Sires with progeny born in **2017-2019**

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%	+3240	+3794	+3382	+5270	+3214	+831	+933	+2423	+237	+1766	+1022	+472	+722	+2634	+113	+710
10%	+2961	+3473	+3094	+4796	+2932	+717	+811	+2209	+72	+1594	+876	+409	+567	+2269	+91	+597
20%	+2624	+3085	+2745	+4222	+2590	+579	+662	+1950	-127	+1386	+700	+332	+380	+1827	+65	+460
30%	+2381	+2805	+2493	+3809	+2344	+479	+555	+1764	-270	+1236	+572	+277	+245	+1508	+46	+361
40%	+2174	+2566	+2278	+3455	+2133	+394	+463	+1605	-393	+1108	+463	+230	+129	+1236	+30	+277
50%	+1980	+2342	+2077	+3125	+1936	+315	+377	+1456	-508	+988	+362	+186	+21	+981	+15	+198
60%	+1786	+2119	+1877	+2794	+1739	+235	+292	+1307	-622	+868	+260	+141	-87	+726	-0	+119
70%	+1578	+1880	+1662	+2441	+1528	+150	+200	+1147	-745	+740	+151	+94	-202	+454	-16	+34
80%	+1335	+1600	+1410	+2027	+1282	+50	+93	+961	-889	+590	+24	+39	-337	+135	-35	-65
90%	+998	+1212	+1061	+1453	+940	-88	-56	+702	-1088	+381	-153	-38	-525	-307	-62	-202
95%	+719	+891	+773	+980	+658	-202	-179	+489	-1252	+210	-299	-101	-679	-672	-83	-315
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	134	104	40	31	29	235	259	286	182	182	174	170	46	37	37	71
Number of sires	3368	2759	1230	1060	897	4566	4932	5265	4067	4067	3362	3780	1318	1162	1034	2121

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE October 2020

SIL GE# 37765

Sires with progeny born in

2017-2019

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	+0.055	+0.038	+5.82	+3.09	+9.93	+3.11	-1.61	-0.816	+0.647	+0.297	+0.123	+0.328	+1.601	+1.576	+0.806
10%	+0.32	+0.048	+0.031	+5.26	+2.81	+9.01	+2.75	-0.49	-0.661	+0.529	+0.244	+0.102	+0.269	+1.380	+1.266	+0.699
20%	+0.26	+0.039	+0.024	+4.58	+2.47	+7.90	+2.32	+0.86	-0.472	+0.387	+0.180	+0.077	+0.199	+1.112	+0.892	+0.569
30%	+0.21	+0.033	+0.018	+4.09	+2.22	+7.11	+2.00	+1.84	-0.336	+0.285	+0.134	+0.059	+0.147	+0.919	+0.622	+0.475
50%	+0.14	+0.023	+0.009	+3.28	+1.82	+5.78	+1.48	+3.45	-0.112	+0.116	+0.058	+0.028	+0.063	+0.600	+0.176	+0.319
70%	+0.06	+0.012	+0.000	+2.47	+1.41	+4.46	+0.96	+5.07	+0.113	-0.053	-0.018	-0.002	-0.021	+0.281	-0.271	+0.164
80%	+0.02	+0.006	-0.005	+1.98	+1.17	+3.66	+0.65	+6.05	+0.248	-0.156	-0.064	-0.020	-0.073	+0.088	-0.541	+0.070
90%	-0.05	-0.003	-0.013	+1.30	+0.83	+2.56	+0.21	+7.40	+0.437	-0.298	-0.128	-0.046	-0.143	-0.180	-0.915	-0.060
95%	-0.10	-0.010	-0.019	+0.74	+0.55	+1.64	-0.15	+8.52	+0.592	-0.415	-0.181	-0.067	-0.202	-0.401	-1.225	-0.168
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	235	259	259	286	286	286	286	182	174	174	174	174	174	174	174	170
Number of sires	4566	4932	4932	5265	5265	5265	5265	4067	3362	3362	3362	3362	3362	3362	3362	3780

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE October 2020

SIL GE# 37765

Sires with progeny born in **2017-2019**

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%	-47.2	-50.9	-66.7	+54.22	+1.37	-0.95	-1.01	-1.34	+0.38
10%	-36.3	-38.9	-54.4	+46.74	+1.09	-0.77	-0.82	-1.16	+0.32
20%	-23.2	-24.4	-39.5	+37.68	+0.75	-0.56	-0.58	-0.93	+0.25
30%	-13.7	-13.9	-28.8	+31.15	+0.51	-0.40	-0.41	-0.76	+0.20
50%	+1.9	+3.4	-11.0	+20.35	+0.10	-0.14	-0.13	-0.49	+0.11
70%	+17.6	+20.7	+6.8	+9.55	-0.31	+0.12	+0.15	-0.22	+0.03
80%	+27.0	+31.1	+17.5	+3.02	-0.55	+0.27	+0.32	-0.06	-0.03
90%	+40.1	+45.7	+32.5	-6.04	-0.89	+0.49	+0.55	+0.17	-0.10
95%	+51.0	+57.7	+44.8	-13.52	-1.17	+0.67	+0.75	+0.36	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	43	43	37	75
Number of sires	1356	1356	1356	79	79	1204	1204	1187	2248

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

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