

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE August 2019

SIL GE# 36820

Sires with progeny born in

2016-2018

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%	+2144	+261	+1230	+849	+0.043	+6.49	+3.47	+11.09	-1.122	+0.753	+0.340	+0.153	+0.386	+2.238	+2.046
10%	+1970	+221	+1122	+765	+0.036	+5.91	+3.16	+10.12	-0.981	+0.650	+0.290	+0.133	+0.329	+2.032	+1.761
20%	+1758	+172	+991	+664	+0.028	+5.20	+2.79	+8.93	-0.811	+0.525	+0.229	+0.109	+0.261	+1.783	+1.417
30%	+1606	+137	+897	+591	+0.022	+4.69	+2.52	+8.08	-0.688	+0.435	+0.185	+0.092	+0.211	+1.603	+1.169
50%	+1354	+78	+741	+470	+0.013	+3.85	+2.08	+6.67	-0.485	+0.287	+0.112	+0.064	+0.129	+1.305	+0.759
70%	+1102	+20	+585	+349	+0.003	+3.01	+1.64	+5.26	-0.282	+0.138	+0.040	+0.035	+0.048	+1.007	+0.349
80%	+950	-15	+491	+276	-0.003	+2.50	+1.37	+4.41	-0.159	+0.048	-0.004	+0.018	0.000	0.000	+0.101
90%	+738	-64	+360	+175	-0.011	+1.80	+1.00	+3.23	+0.012	-0.077	-0.065	-0.006	-0.070	+0.578	-0.243
95%	+564	-104	+252	+91	-0.017	+1.22	+0.70	+2.25	+0.152	-0.180	-0.116	-0.025	-0.127	+0.372	-0.527
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	95	133	171	107	132	171	171	171	107	107	107	107	107	107	107
Number of sires	1316	1625	1984	1514	1625	1984	1984	1984	1514	1514	1514	1514	1514	1514	1514

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 August 2019

SIL GE # 36820

Sires with progeny born in

2016-2018

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%	+3164	+3786	+3251	+5303	+3178	+831	+865	+2397	+240	+1702	+1044	+466	+696	+2694	+110	+691
10%	+2895	+3466	+2971	+4833	+2892	+716	+746	+2181	+77	+1525	+903	+405	+545	+2339	+91	+582
20%	+2571	+3079	+2631	+4264	+2545	+577	+601	+1920	-120	+1310	+731	+330	+363	+1909	+68	+450
30%	+2337	+2800	+2387	+3853	+2295	+477	+497	+1731	-261	+1155	+608	+276	+232	+1599	+51	+355
40%	+2137	+2562	+2178	+3502	+2081	+392	+408	+1570	-383	+1023	+503	+230	+120	+1334	+36	+274
50%	+1950	+2339	+1982	+3174	+1881	+312	+324	+1419	-496	+899	+404	+187	+15	+1087	+23	+198
60%	+1763	+2116	+1787	+2846	+1681	+232	+241	+1268	-609	+775	+306	+144	-90	+839	+9	+122
70%	+1563	+1877	+1578	+2495	+1468	+147	+152	+1107	-731	+643	+200	+98	-202	+575	-5	+41
80%	+1328	+1598	+1333	+2085	+1218	+47	+48	+918	-873	+488	+77	+44	-334	+265	-22	-54
90%	+1004	+1211	+994	+1515	+871	-92	-97	+657	-1070	+274	-94	-30	-516	-165	-45	-185
95%	+736	+891	+714	+1045	+584	-207	-216	+441	-1232	+96	-236	-92	-666	-520	-65	-294
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	91	37	23	26	216	235	261	164	261	150	145	40	26	29	62
Number of sires	3218	2434	1209	783	834	4456	4566	5061	3946	5061	2994	3546	1262	884	871	2017

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE August 2019

SIL GE# 36820

Sires with progeny born in

2016-2018

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	+0.052	+0.036	+5.80	+3.09	+10.00	+2.96	-1.63	-0.818	+0.592	+0.273	+0.137	+0.323	+1.632	+1.577	+0.797
10%	+0.32	+0.045	+0.030	+5.23	+2.80	+9.06	+2.60	-0.53	-0.671	+0.493	+0.228	+0.115	+0.269	+1.414	+1.278	+0.692
20%	+0.26	+0.036	+0.022	+4.54	+2.45	+7.92	+2.17	+0.81	-0.494	+0.372	+0.174	+0.089	+0.203	+1.150	+0.915	+0.565
30%	+0.21	+0.030	+0.017	+4.04	+2.21	+7.10	+1.86	+1.78	-0.366	+0.284	+0.135	+0.070	+0.156	+0.959	+0.654	+0.474
50%	+0.14	+0.019	+0.008	+3.22	+1.79	+5.74	+1.35	+3.38	-0.155	+0.140	+0.070	+0.038	+0.078	+0.645	+0.222	+0.323
70%	+0.06	+0.009	-0.001	+2.39	+1.38	+4.38	+0.84	+4.97	+0.057	-0.004	+0.005	+0.007	+0.000	+0.330	-0.210	+0.172
80%	+0.01	+0.002	-0.006	+1.89	+1.13	+3.56	+0.52	+5.94	+0.185	-0.091	-0.035	-0.012	-0.047	+0.140	-0.472	+0.080
90%	-0.05	-0.007	-0.014	+1.20	+0.79	+2.42	+0.09	+7.28	+0.362	-0.212	-0.089	-0.038	-0.112	-0.124	-0.834	-0.047
95%	-0.10	-0.014	-0.020	+0.63	+0.50	+1.48	-0.26	+8.38	+0.509	-0.312	-0.134	-0.060	-0.167	-0.342	-1.134	-0.151
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	233	233	261	261	261	261	164	150	150	150	150	150	150	150	145
Number of sires	4456	4566	4566	5061	5061	5061	5061	3946	2994	2994	2994	2994	2994	2994	2994	3546

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE August 2019

SIL GE# 36820

Sires with progeny born in

2016-2018

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%	-44.9	-47.7	-66.1	+56.52	+1.50	-0.94	-0.92	-1.38	+0.38
10%	-34.3	-36.3	-54.2	+49.04	+1.23	-0.77	-0.76	-1.20	+0.32
20%	-21.5	-22.5	-39.7	+39.99	+0.89	-0.57	-0.57	-0.98	+0.25
30%	-12.3	-12.6	-29.3	+33.46	+0.65	-0.42	-0.43	-0.82	+0.20
50%	+3.0	+3.9	-12.2	+22.67	+0.25	-0.17	-0.20	-0.55	+0.11
70%	+18.3	+20.3	+5.0	+11.87	-0.15	+0.07	+0.03	-0.29	+0.03
80%	+27.6	+30.3	+15.4	+5.35	-0.40	+0.22	+0.16	-0.13	-0.02
90%	+40.4	+44.1	+29.8	-3.71	-0.73	+0.42	+0.36	+0.09	-0.09
95%	+51.0	+55.5	+41.7	-11.19	-1.01	+0.59	+0.51	+0.27	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	33	33	26	65
Number of sires	1280	1280	1280	79	79	958	958	891	2147

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

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