

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE April 2019

SIL GE# 36602

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%	+2081	+257	+1191	+853	+0.042	+6.34	+3.34	+10.63	-1.163	+0.777	+0.353	+0.154	+0.398	+2.218	+2.019
10%	+1914	+217	+1084	+770	+0.036	+5.75	+3.04	+9.69	-1.018	+0.672	+0.302	+0.135	+0.341	+2.015	+1.730
20%	+1712	+167	+955	+669	+0.028	+5.05	+2.68	+8.54	-0.843	+0.544	+0.240	+0.111	+0.271	+1.769	+1.380
30%	+1566	+132	+862	+597	+0.022	+4.54	+2.42	+7.72	-0.717	+0.453	+0.195	+0.094	+0.221	+1.592	+1.128
50%	+1325	+73	+708	+477	+0.012	+3.69	+1.99	+6.35	-0.508	+0.301	+0.121	+0.065	+0.138	+1.299	+0.711
70%	+1083	+14	+554	+357	+0.002	+2.85	+1.55	+4.99	-0.299	+0.149	+0.047	+0.037	+0.055	+1.005	+0.293
80%	+938	-21	+461	+284	-0.004	+2.34	+1.29	+4.16	-0.173	+0.057	+0.002	+0.020	0.000	0.000	+0.041
90%	+735	-70	+331	+184	-0.012	+1.64	+0.93	+3.02	+0.002	-0.070	-0.060	-0.004	-0.065	+0.582	-0.309
95%	+568	-111	+225	+100	-0.018	+1.05	+0.63	+2.07	+0.147	-0.175	-0.111	-0.023	-0.122	+0.379	-0.598
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	87	131	168	94	131	168	168	168	94	94	94	94	94	94	94
Number of sires	1206	1563	1902	1355	1563	1902	1902	1902	1355	1355	1355	1355	1355	1355	1355

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 April 2019

SIL GE # 36602

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%	+3053	+3649	+3131	+5185	+3116	+851	+858	+2339	+259	+1676	+1031	+446	+720	+2758	+106	+678
10%	+2782	+3331	+2856	+4713	+2820	+729	+734	+2125	+95	+1498	+887	+387	+560	+2385	+87	+568
20%	+2454	+2946	+2523	+4143	+2462	+581	+584	+1866	-103	+1282	+713	+315	+367	+1933	+64	+434
30%	+2217	+2668	+2283	+3731	+2204	+474	+476	+1679	-246	+1126	+587	+263	+228	+1608	+47	+338
40%	+2015	+2431	+2078	+3380	+1984	+382	+383	+1519	-368	+993	+480	+218	+109	+1330	+32	+255
50%	+1826	+2209	+1886	+3051	+1778	+297	+297	+1369	-482	+868	+379	+177	-2	+1070	+19	+178
60%	+1637	+1987	+1694	+2722	+1571	+212	+210	+1220	-596	+744	+279	+135	-113	+810	+5	+101
70%	+1435	+1750	+1489	+2371	+1351	+120	+117	+1060	-718	+610	+172	+91	-232	+531	-9	+19
80%	+1198	+1472	+1249	+1959	+1093	+13	+9	+873	-861	+455	+46	+39	-372	+206	-26	-78
90%	+870	+1087	+916	+1389	+735	-135	-141	+614	-1059	+238	-128	-34	-565	-246	-49	-211
95%	+599	+769	+641	+917	+440	-257	-265	+399	-1223	+60	-272	-93	-724	-618	-69	-322
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	124	91	36	21	23	213	232	256	152	256	144	140	39	23	29	57
Number of sires	3242	2347	1156	704	734	4382	4530	4974	3666	4974	2921	3444	1217	778	821	1858

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE April 2019

SIL GE# 36602

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%	+0.38	+0.052	+0.037	+5.68	+2.99	+9.64	+3.01	-1.76	-0.833	+0.590	+0.274	+0.136	+0.321	+1.607	+1.510	+0.762
10%	+0.32	+0.044	+0.030	+5.11	+2.71	+8.73	+2.63	-0.65	-0.682	+0.488	+0.228	+0.114	+0.266	+1.386	+1.213	+0.661
20%	+0.26	+0.035	+0.022	+4.42	+2.37	+7.63	+2.18	+0.70	-0.500	+0.366	+0.173	+0.087	+0.200	+1.118	+0.853	+0.539
30%	+0.21	+0.029	+0.016	+3.93	+2.13	+6.83	+1.86	+1.67	-0.368	+0.278	+0.133	+0.068	+0.152	+0.924	+0.594	+0.450
50%	+0.13	+0.018	+0.007	+3.11	+1.73	+5.52	+1.32	+3.28	-0.150	+0.132	+0.067	+0.036	+0.073	+0.605	+0.165	+0.305
70%	+0.05	+0.007	-0.002	+2.29	+1.32	+4.20	+0.78	+4.89	+0.068	-0.015	+0.001	+0.004	-0.006	+0.285	-0.264	+0.159
80%	+0.00	+0.000	-0.008	+1.79	+1.08	+3.40	+0.46	+5.86	+0.200	-0.103	-0.039	-0.016	-0.054	+0.091	-0.523	+0.070
90%	-0.06	-0.009	-0.016	+1.10	+0.74	+2.30	+0.00	+7.21	+0.383	-0.225	-0.094	-0.043	-0.120	-0.177	-0.883	-0.052
95%	-0.12	-0.016	-0.023	+0.54	+0.46	+1.39	-0.37	+8.32	+0.534	-0.327	-0.140	-0.065	-0.175	-0.398	-1.180	-0.153
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	232	232	256	256	256	256	152	144	144	144	144	144	144	144	140
Number of sires	4382	4530	4530	4974	4974	4974	4974	3666	2921	2921	2921	2921	2921	2921	2921	3444

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE April 2019

SIL GE# 36602

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%	-45.3	-50.3	-67.6	+57.83	+1.54	-0.89	-0.91	-1.41	+0.37
10%	-34.5	-38.2	-54.8	+50.19	+1.25	-0.73	-0.75	-1.22	+0.31
20%	-21.3	-23.6	-39.2	+40.94	+0.90	-0.52	-0.55	-0.99	+0.24
30%	-11.8	-13.0	-27.9	+34.27	+0.65	-0.38	-0.41	-0.82	+0.19
50%	+3.8	+4.4	-9.3	+23.24	+0.23	-0.14	-0.18	-0.55	+0.10
70%	+19.5	+21.8	+9.3	+12.22	-0.19	+0.10	+0.05	-0.27	+0.02
80%	+28.9	+32.4	+20.5	+5.55	-0.45	+0.25	+0.19	-0.10	-0.03
90%	+42.1	+47.0	+36.1	-3.70	-0.80	+0.45	+0.38	+0.13	-0.10
95%	+52.9	+59.1	+49.0	-11.34	-1.09	+0.62	+0.54	+0.32	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	39	39	39	4	4	33	33	23	60
Number of sires	1243	1243	1243	70	70	900	900	783	1983

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

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