

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE October 2019

SIL GE# 36903

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%	+2131	+258	+1227	+840	+0.043	+6.47	+3.46	+11.06	-1.107	+0.687	+0.312	+0.152	+0.364	+2.261	+2.048
10%	+1957	+218	+1119	+757	+0.036	+5.89	+3.15	+10.08	-0.967	+0.591	+0.265	+0.132	+0.309	+2.052	+1.764
20%	+1745	+169	+988	+656	+0.028	+5.18	+2.78	+8.90	-0.798	+0.475	+0.208	+0.108	+0.243	+1.799	+1.421
30%	+1592	+134	+894	+584	+0.022	+4.68	+2.52	+8.05	-0.676	+0.391	+0.166	+0.091	+0.195	+1.617	+1.173
50%	+1340	+77	+738	+464	+0.013	+3.84	+2.08	+6.64	-0.475	+0.252	+0.098	+0.062	+0.117	+1.315	+0.763
70%	+1088	+19	+583	+344	+0.003	+3.00	+1.63	+5.24	-0.273	+0.114	+0.030	+0.034	+0.038	+1.013	+0.354
80%	+936	-16	+488	+271	-0.003	+2.49	+1.37	+4.38	-0.152	+0.030	-0.011	+0.017	0.000	0.000	+0.106
90%	+724	-64	+358	+170	-0.011	+1.79	+1.00	+3.20	+0.017	-0.087	-0.068	-0.007	-0.076	+0.578	-0.237
95%	+549	-104	+250	+87	-0.017	+1.21	+0.69	+2.23	+0.157	-0.183	-0.115	-0.027	-0.131	+0.369	-0.521
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	97	134	171	109	134	171	171	171	109	109	109	109	109	109	109
Number of sires	1332	1636	1986	1529	1636	1986	1986	1986	1529	1529	1529	1529	1529	1529	1529

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 October 2019

SIL GE # 36903

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%	+3138	+3735	+3212	+5331	+3121	+829	+865	+2389	+238	+1772	+1018	+465	+695	+2755	+108	+695
10%	+2869	+3422	+2937	+4853	+2837	+713	+745	+2175	+76	+1595	+882	+404	+543	+2393	+88	+585
20%	+2543	+3043	+2603	+4274	+2493	+572	+600	+1915	-119	+1380	+717	+329	+358	+1954	+63	+452
30%	+2308	+2770	+2362	+3857	+2245	+471	+496	+1728	-260	+1225	+598	+275	+225	+1638	+45	+356
40%	+2107	+2537	+2156	+3500	+2033	+385	+407	+1568	-381	+1092	+497	+229	+111	+1368	+29	+274
50%	+1920	+2319	+1964	+3167	+1835	+304	+324	+1419	-493	+969	+402	+186	+5	+1115	+15	+197
60%	+1732	+2101	+1772	+2833	+1637	+223	+240	+1270	-606	+845	+307	+143	-101	+862	+1	+120
70%	+1532	+1867	+1566	+2477	+1425	+136	+151	+1110	-727	+712	+205	+96	-215	+592	-15	+38
80%	+1297	+1594	+1325	+2059	+1177	+35	+47	+923	-868	+557	+86	+43	-348	+275	-33	-58
90%	+971	+1215	+991	+1480	+834	-105	-98	+663	-1063	+342	-79	-32	-532	-163	-58	-192
95%	+702	+902	+715	+1002	+550	-221	-217	+449	-1225	+165	-215	-94	-685	-526	-78	-302
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	122	93	38	24	26	218	235	262	166	166	154	152	40	26	30	62
Number of sires	3294	2448	1230	807	834	4469	4550	5046	3964	3964	3071	3628	1261	883	873	2015

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE October 2019

SIL GE# 36903

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	+5.78	+3.07	+9.97	+2.97	-1.62	-0.805	+0.526	+0.245	+0.133	+0.299	+1.645	+1.586	+0.795
10%	+0.32	+0.045	+0.030	+5.22	+2.79	+9.04	+2.61	-0.52	-0.660	+0.435	+0.204	+0.111	+0.248	+1.429	+1.281	+0.690
20%	+0.25	+0.036	+0.022	+4.53	+2.45	+7.91	+2.18	+0.81	-0.484	+0.325	+0.155	+0.085	+0.186	+1.167	+0.911	+0.563
30%	+0.21	+0.029	+0.017	+4.04	+2.20	+7.09	+1.87	+1.77	-0.357	+0.246	+0.119	+0.066	+0.141	+0.978	+0.644	+0.471
50%	+0.13	+0.019	+0.008	+3.22	+1.79	+5.74	+1.36	+3.36	-0.147	+0.115	+0.060	+0.035	+0.068	+0.666	+0.203	+0.320
70%	+0.06	+0.009	-0.001	+2.41	+1.38	+4.39	+0.85	+4.94	+0.063	-0.016	+0.001	+0.004	-0.006	+0.354	-0.239	+0.168
80%	+0.01	+0.002	-0.006	+1.91	+1.13	+3.58	+0.53	+5.90	+0.190	-0.095	-0.034	-0.015	-0.051	+0.165	-0.506	+0.077
90%	-0.05	-0.007	-0.014	+1.23	+0.79	+2.45	+0.10	+7.23	+0.366	-0.205	-0.084	-0.041	-0.112	-0.096	-0.876	-0.050
95%	-0.11	-0.014	-0.020	+0.66	+0.51	+1.51	-0.25	+8.33	+0.512	-0.295	-0.125	-0.063	-0.163	-0.312	-1.181	-0.155
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	218	235	235	262	262	262	262	166	154	154	154	154	154	154	154	145
Number of sires	4469	4550	4550	5046	5046	5046	5046	3964	3071	3071	3071	3071	3071	3071	3071	3628

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE October 2019

SIL GE# 36903

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%	-45.1	-48.0	-65.9	+56.08	+1.47	-0.94	-0.89	-1.41	+0.38
10%	-34.4	-36.4	-53.8	+48.59	+1.20	-0.76	-0.72	-1.23	+0.32
20%	-21.4	-22.4	-39.2	+39.52	+0.86	-0.56	-0.51	-1.00	+0.25
30%	-12.0	-12.3	-28.6	+32.97	+0.62	-0.41	-0.35	-0.84	+0.20
50%	+3.5	+4.5	-11.1	+22.16	+0.22	-0.16	-0.10	-0.57	+0.11
70%	+19.0	+21.2	+6.4	+11.34	-0.18	+0.09	+0.16	-0.30	+0.03
80%	+28.4	+31.3	+16.9	+4.80	-0.42	+0.24	+0.31	-0.13	-0.02
90%	+41.4	+45.4	+31.6	-4.27	-0.76	+0.45	+0.52	+0.09	-0.09
95%	+52.2	+57.0	+43.7	-11.77	-1.03	+0.62	+0.70	+0.28	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	34	34	26	65
Number of sires	1279	1279	1279	79	79	960	960	890	2145

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

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