

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE December 2019

SIL GE# 37066

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%	+2130	+256	+1224	+841	+0.042	+6.45	+3.45	+11.04	-1.108	+0.689	+0.312	+0.152	+0.364	+2.262	+2.045
10%	+1955	+216	+1116	+758	+0.036	+5.87	+3.14	+10.07	-0.967	+0.593	+0.265	+0.132	+0.309	+2.053	+1.762
20%	+1744	+168	+985	+657	+0.028	+5.17	+2.77	+8.88	-0.797	+0.476	+0.208	+0.108	+0.243	+1.800	+1.419
30%	+1592	+134	+891	+584	+0.022	+4.66	+2.51	+8.03	-0.675	+0.392	+0.167	+0.091	+0.196	+1.618	+1.172
50%	+1340	+76	+735	+464	+0.013	+3.82	+2.07	+6.62	-0.472	+0.253	+0.099	+0.062	+0.117	+1.317	+0.763
70%	+1088	+19	+580	+343	+0.003	+2.99	+1.63	+5.21	-0.269	+0.113	+0.031	+0.034	+0.038	+1.016	+0.354
80%	+936	-16	+486	+271	-0.003	+2.48	+1.36	+4.36	-0.146	+0.029	-0.010	+0.016	0.000	0.000	+0.107
90%	+725	-64	+355	+170	-0.010	+1.78	+0.99	+3.18	+0.024	-0.088	-0.067	-0.008	-0.076	+0.581	-0.236
95%	+550	-104	+247	+86	-0.017	+1.20	+0.69	+2.20	+0.164	-0.184	-0.114	-0.027	-0.130	+0.372	-0.519
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	145	177	115	145	177	177	177	115	115	115	115	115	115	115
Number of sires	1368	1730	2032	1564	1730	2032	2032	2032	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

NZGE December 2019

SIL GE # 37066

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%	+3127	+3722	+3210	+5343	+3101	+830	+870	+2394	+242	+1777	+1024	+465	+703	+2764	+108	+696
10%	+2858	+3410	+2935	+4865	+2820	+711	+750	+2180	+79	+1600	+886	+403	+548	+2401	+87	+586
20%	+2531	+3032	+2601	+4285	+2479	+568	+604	+1920	-117	+1386	+719	+328	+362	+1962	+62	+452
30%	+2296	+2760	+2361	+3867	+2233	+465	+499	+1734	-259	+1231	+599	+274	+227	+1645	+44	+356
40%	+2095	+2527	+2155	+3510	+2023	+377	+410	+1574	-381	+1099	+496	+228	+112	+1375	+29	+274
50%	+1907	+2309	+1963	+3177	+1827	+294	+326	+1425	-494	+976	+399	+184	+4	+1122	+15	+197
60%	+1719	+2091	+1771	+2843	+1630	+212	+242	+1275	-608	+852	+303	+141	-103	+869	+0	+120
70%	+1518	+1859	+1566	+2486	+1420	+124	+152	+1116	-729	+720	+200	+95	-219	+598	-15	+38
80%	+1283	+1586	+1325	+2068	+1175	+20	+47	+929	-871	+566	+80	+41	-353	+281	-33	-58
90%	+957	+1208	+992	+1488	+834	-123	-99	+670	-1068	+351	-87	-34	-540	-158	-58	-192
95%	+687	+896	+716	+1010	+552	-241	-219	+456	-1231	+174	-225	-96	-694	-521	-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	129	98	39	25	27	222	240	263	163	163	156	161	40	27	30	60
Number of sires	3374	2499	1249	815	847	4544	4610	5066	3965	3965	3128	3739	1267	891	873	2006

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE December 2019

SIL GE# 37066

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	+3.07	+9.97	+2.98	-1.65	-0.811	+0.530	+0.247	+0.134	+0.302	+1.655	+1.589	+0.795
10%	+0.32	+0.045	+0.030	+5.23	+2.79	+9.04	+2.62	-0.54	-0.664	+0.438	+0.206	+0.112	+0.250	+1.436	+1.282	+0.690
20%	+0.25	+0.036	+0.023	+4.55	+2.45	+7.92	+2.19	+0.80	-0.487	+0.327	+0.155	+0.085	+0.187	+1.171	+0.911	+0.562
30%	+0.21	+0.030	+0.017	+4.05	+2.20	+7.11	+1.88	+1.77	-0.359	+0.246	+0.119	+0.066	+0.142	+0.980	+0.643	+0.470
50%	+0.13	+0.019	+0.008	+3.24	+1.80	+5.76	+1.36	+3.36	-0.147	+0.113	+0.060	+0.035	+0.067	+0.664	+0.200	+0.318
70%	+0.05	+0.009	-0.001	+2.42	+1.39	+4.42	+0.85	+4.96	+0.064	-0.020	-0.000	+0.003	-0.008	+0.348	-0.244	+0.166
80%	+0.01	+0.002	-0.006	+1.92	+1.14	+3.61	+0.53	+5.93	+0.192	-0.100	-0.036	-0.016	-0.053	+0.157	-0.512	+0.074
90%	-0.06	-0.007	-0.014	+1.24	+0.80	+2.48	+0.10	+7.26	+0.370	-0.211	-0.087	-0.042	-0.116	-0.108	-0.883	-0.054
95%	-0.11	-0.014	-0.020	+0.67	+0.52	+1.55	-0.26	+8.37	+0.516	-0.304	-0.128	-0.064	-0.168	-0.327	-1.190	-0.159
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	222	240	240	263	263	263	263	163	156	156	156	156	156	156	156	161
Number of sires	4544	4610	4610	5066	5066	5066	5066	3965	3128	3128	3128	3128	3128	3128	3128	3739

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE December 2019

SIL GE# 37066

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%	-45.6	-48.9	-66.7	+56.12	+1.49	-0.94	-0.89	-1.42	+0.38
10%	-34.8	-37.1	-54.4	+48.64	+1.21	-0.76	-0.71	-1.23	+0.32
20%	-21.6	-22.7	-39.6	+39.58	+0.88	-0.56	-0.50	-1.00	+0.25
30%	-12.1	-12.4	-28.9	+33.05	+0.64	-0.41	-0.35	-0.84	+0.20
50%	+3.6	+4.7	-11.2	+22.25	+0.24	-0.16	-0.09	-0.57	+0.11
70%	+19.3	+21.8	+6.4	+11.45	-0.16	+0.09	+0.16	-0.30	+0.03
80%	+28.7	+32.1	+17.1	+4.92	-0.40	+0.24	+0.32	-0.14	-0.02
90%	+41.9	+46.5	+32.0	-4.14	-0.74	+0.45	+0.53	+0.09	-0.09
95%	+52.8	+58.3	+44.2	-11.62	-1.01	+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	27	63
Number of sires	1285	1285	1285	79	79	960	960	898	2136

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

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