

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE April 2020

SIL GE# 37488

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%	+2229	+259	+1270	+900	+0.043	+6.68	+3.58	+11.63	-1.181	+0.882	+0.392	+0.141	+0.422	+2.304	+1.981	
10%	+2045	+219	+1155	+808	+0.036	+6.07	+3.25	+10.55	-1.031	+0.763	+0.336	+0.122	+0.361	+2.091	+1.700	
20%	+1821	+171	+1016	+698	+0.028	+5.32	+2.86	+9.25	-0.849	+0.620	+0.267	+0.099	+0.287	+1.833	+1.359	
30%	+1660	+136	+915	+618	+0.022	+4.78	+2.58	+8.32	-0.718	+0.516	+0.218	+0.082	+0.233	+1.647	+1.114	
50%	+1394	+79	+749	+486	+0.013	+3.89	+2.10	+6.77	-0.501	+0.345	+0.136	+0.054	+0.145	+1.340	+0.708	
70%	+1127	+21	+583	+355	+0.004	+3.01	+1.63	+5.22	-0.284	+0.174	+0.054	+0.026	+0.057	+1.032	+0.302	
80%	+966	-13	+482	+275	-0.002	+2.47	+1.35	+4.28	-0.153	+0.070	+0.005	+0.010	0.000	0.000	+0.057	
90%	+742	-62	+343	+164	-0.010	+1.72	+0.95	+2.98	+0.029	-0.073	-0.064	-0.014	-0.071	+0.588	-0.284	
95%	+558	-101	+228	+73	-0.017	+1.11	+0.63	+1.90	+0.179	-0.192	-0.120	-0.033	-0.132	+0.375	-0.565	
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	94	134	168	108	134	168	168	168	108	108	108	108	108	108	108	
Number of sires	1271	1539	1829	1445	1539	1829	1829	1829	1445	1445	1445	1445	1445	1445	1445	

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 2020

SIL GE # 37488

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%	+3293	+3904	+3388	+5508	+3236	+827	+922	+2461	+238	+1801	+1050	+467	+720	+2764	+111	+694
10%	+3012	+3572	+3105	+5034	+2957	+715	+799	+2242	+72	+1628	+901	+408	+560	+2411	+89	+584
20%	+2672	+3168	+2762	+4459	+2618	+580	+650	+1977	-129	+1417	+722	+336	+366	+1985	+64	+450
30%	+2428	+2878	+2515	+4045	+2374	+483	+542	+1786	-275	+1265	+592	+285	+226	+1678	+45	+354
40%	+2218	+2629	+2304	+3691	+2165	+400	+451	+1623	-399	+1135	+481	+241	+107	+1415	+30	+272
50%	+2023	+2397	+2106	+3360	+1970	+322	+365	+1470	-515	+1014	+377	+199	-5	+1169	+15	+195
60%	+1827	+2165	+1909	+3029	+1776	+244	+279	+1317	-631	+893	+274	+158	-117	+924	+0	+118
70%	+1618	+1917	+1698	+2675	+1567	+161	+187	+1154	-755	+763	+163	+114	-236	+661	-16	+36
80%	+1373	+1626	+1451	+2260	+1323	+64	+80	+963	-900	+611	+33	+63	-376	+354	-34	-61
90%	+1033	+1223	+1108	+1686	+984	-71	-69	+698	-1102	+401	-147	-9	-570	-73	-60	-194
95%	+753	+890	+825	+1211	+705	-183	-192	+479	-1268	+227	-295	-68	-730	-425	-81	-304
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	121	90	36	23	24	207	237	257	157	157	148	148	42	25	31	45
Number of sires	3097	2349	1186	802	837	4286	4722	4954	3783	3783	3000	3409	1301	861	993	1885

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE April 2020

SIL GE# 37488

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	LWg ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLy	HQLY	CWY	EMAc ¹	FW12
5%	+0.37	+0.055	+0.037	+5.91	+3.14	+10.21	+3.13	-1.62	-0.835	+0.670	+0.307	+0.126	+0.340	+1.624	+1.558	+0.798
10%	+0.32	+0.048	+0.031	+5.34	+2.85	+9.26	+2.76	-0.49	-0.680	+0.550	+0.253	+0.105	+0.280	+1.401	+1.257	+0.697
20%	+0.25	+0.039	+0.023	+4.64	+2.51	+8.11	+2.32	+0.88	-0.491	+0.406	+0.188	+0.080	+0.207	+1.132	+0.893	+0.576
30%	+0.21	+0.032	+0.018	+4.14	+2.26	+7.28	+1.99	+1.87	-0.356	+0.301	+0.141	+0.061	+0.155	+0.938	+0.630	+0.488
50%	+0.14	+0.022	+0.009	+3.32	+1.84	+5.91	+1.46	+3.50	-0.131	+0.129	+0.064	+0.031	+0.069	+0.617	+0.195	+0.343
70%	+0.07	+0.011	-0.000	+2.49	+1.43	+4.53	+0.93	+5.14	+0.094	-0.043	-0.014	+0.001	-0.018	+0.296	-0.239	+0.199
80%	+0.02	+0.005	-0.006	+1.99	+1.18	+3.70	+0.61	+6.12	+0.229	-0.148	-0.061	-0.017	-0.070	+0.101	-0.502	+0.111
90%	-0.04	-0.004	-0.013	+1.29	+0.83	+2.55	+0.16	+7.49	+0.418	-0.292	-0.126	-0.042	-0.143	-0.168	-0.867	-0.011
95%	-0.09	-0.011	-0.019	+0.72	+0.55	+1.60	-0.21	+8.63	+0.573	-0.412	-0.180	-0.063	-0.203	-0.390	-1.168	-0.111
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	207	237	237	257	257	257	257	157	148	148	148	148	148	148	148	148
Number of sires	4286	4722	4722	4954	4954	4954	4954	3783	3000	3000	3000	3000	3000	3000	3000	3409

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE April 2020

SIL GE# 37488

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%	-46.1	-55.7	-67.1	+55.46	+1.32	-0.95	-0.93	-1.42	+0.38
10%	-35.2	-41.9	-54.7	+48.02	+1.06	-0.78	-0.75	-1.24	+0.32
20%	-21.9	-25.1	-39.7	+39.00	+0.74	-0.56	-0.53	-1.02	+0.25
30%	-12.3	-13.0	-28.9	+32.49	+0.51	-0.41	-0.37	-0.86	+0.20
50%	+3.5	+7.0	-11.0	+21.74	+0.13	-0.15	-0.11	-0.59	+0.11
70%	+19.3	+27.0	+7.0	+10.99	-0.25	+0.10	+0.15	-0.33	+0.03
80%	+28.8	+39.1	+17.8	+4.48	-0.48	+0.26	+0.31	-0.17	-0.02
90%	+42.1	+55.8	+32.8	-4.54	-0.80	+0.47	+0.53	+0.05	-0.10
95%	+53.0	+69.7	+45.2	-11.99	-1.06	+0.65	+0.71	+0.23	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	43	43	43	4	4	37	37	25	59
Number of sires	1323	1323	1323	79	79	1150	1150	868	1997

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

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