

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE November 2021

SIL GE# 38710

Sires with progeny born in **2018-2020**

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%	+2263	+274	+1271	+946	+0.045	+6.64	+3.60	+11.57	-1.315	+1.006	+0.461	+0.130	+0.456	+2.326	+2.117	
10%	+2065	+232	+1154	+848	+0.038	+6.02	+3.26	+10.49	-1.147	+0.873	+0.397	+0.111	+0.391	+2.111	+1.814	
20%	+1827	+181	+1013	+730	+0.030	+5.27	+2.86	+9.18	-0.942	+0.712	+0.320	+0.087	+0.312	+1.851	+1.448	
30%	+1654	+145	+911	+645	+0.024	+4.72	+2.57	+8.24	-0.795	+0.596	+0.265	+0.071	+0.255	+1.664	+1.183	
50%	+1370	+84	+742	+504	+0.014	+3.83	+2.09	+6.68	-0.551	+0.404	+0.173	+0.043	+0.161	+1.354	+0.746	
70%	+1085	+24	+574	+364	+0.004	+2.93	+1.61	+5.12	-0.307	+0.212	+0.081	+0.015	+0.067	+1.044	+0.309	
80%	+913	-13	+472	+279	-0.002	+2.39	+1.32	+4.17	-0.160	+0.096	+0.026	-0.002	+0.010	+0.856	+0.044	
90%	+674	-63	+331	+161	-0.010	+1.63	+0.92	+2.86	+0.045	-0.065	-0.051	-0.025	-0.069	+0.597	-0.323	
95%	+476	-105	+214	+63	-0.017	+1.01	+0.59	+1.78	+0.214	-0.198	-0.115	-0.045	-0.134	+0.382	-0.626	
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	117	143	180	133	143	180	180	180	133	133	133	133	133	133	133	
Number of sires	1535	1697	2115	1745	1697	2115	2115	2115	1745	1745	1745	1745	1745	1745	1745	

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 November 2021

SIL GE # 38710

Sires with progeny born in **2018-2020**

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%	+3167	+3733	+3430	+5163	+3155	+840	+968	+2388	+281	+1775	+1092	+424	+714	+2591	+95	+726
10%	+2888	+3396	+3111	+4725	+2872	+721	+836	+2173	+111	+1595	+929	+365	+553	+2254	+76	+610
20%	+2551	+2987	+2725	+4193	+2530	+577	+677	+1912	-95	+1378	+730	+293	+357	+1847	+52	+469
30%	+2308	+2692	+2447	+3810	+2283	+473	+562	+1725	-243	+1221	+587	+241	+216	+1553	+35	+368
40%	+2100	+2440	+2209	+3483	+2073	+385	+464	+1564	-370	+1086	+465	+196	+96	+1302	+20	+281
50%	+1906	+2204	+1986	+3177	+1875	+302	+372	+1414	-489	+961	+351	+155	-17	+1068	+7	+200
60%	+1712	+1969	+1764	+2871	+1678	+219	+280	+1264	-608	+836	+236	+113	-130	+833	-7	+119
70%	+1504	+1717	+1526	+2544	+1468	+130	+182	+1104	-735	+701	+114	+69	-250	+582	-22	+32
80%	+1261	+1422	+1248	+2160	+1221	+26	+67	+916	-883	+544	-29	+17	-391	+289	-39	-69
90%	+924	+1013	+862	+1629	+878	-118	-92	+655	-1089	+327	-227	-56	-587	-119	-62	-210
95%	+646	+675	+543	+1190	+596	-236	-224	+440	-1260	+147	-391	-115	-748	-455	-82	-326
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	130	105	45	33	49	234	257	287	186	186	174	155	53	39	56	81
Number of sires	3482	2858	1324	1076	1691	4674	5048	5377	4123	4123	3797	3738	1445	1201	1840	2258

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE November 2021

SIL GE# 38710

Sires with progeny born in

2018-2020

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%	+0.38	+0.058	+0.038	+5.73	+3.03	+9.72	+3.14	-1.91	-0.931	+0.797	+0.374	+0.120	+0.372	+1.640	+1.713	+0.650
10%	+0.32	+0.050	+0.032	+5.16	+2.75	+8.81	+2.78	-0.76	-0.744	+0.646	+0.305	+0.099	+0.304	+1.405	+1.388	+0.558
20%	+0.26	+0.040	+0.024	+4.47	+2.41	+7.71	+2.34	+0.64	-0.517	+0.463	+0.221	+0.075	+0.222	+1.120	+0.994	+0.446
30%	+0.21	+0.033	+0.019	+3.97	+2.16	+6.92	+2.03	+1.66	-0.353	+0.331	+0.160	+0.057	+0.162	+0.914	+0.710	+0.366
50%	+0.13	+0.022	+0.010	+3.15	+1.75	+5.60	+1.51	+3.33	-0.083	+0.114	+0.059	+0.028	+0.064	+0.575	+0.241	+0.233
70%	+0.05	+0.010	+0.000	+2.33	+1.35	+4.29	+0.99	+5.00	+0.188	-0.104	-0.041	-0.001	-0.035	+0.235	-0.228	+0.100
80%	+0.01	+0.003	-0.005	+1.83	+1.10	+3.49	+0.67	+6.01	+0.351	-0.236	-0.102	-0.019	-0.094	+0.030	-0.512	+0.020
90%	-0.06	-0.006	-0.013	+1.15	+0.76	+2.39	+0.24	+7.41	+0.578	-0.418	-0.186	-0.044	-0.177	-0.255	-0.906	-0.092
95%	-0.11	-0.014	-0.019	+0.58	+0.47	+1.48	-0.12	+8.57	+0.765	-0.569	-0.256	-0.064	-0.245	-0.490	-1.231	-0.184
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	234	257	257	287	287	287	287	186	174	174	174	174	174	174	174	155
Number of sires	4674	5048	5048	5377	5377	5377	5377	4123	3797	3797	3797	3797	3797	3797	3797	3738

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE November 2021

SIL GE# 38710

Sires with progeny born in

2018-2020

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%	-46.8	-50.0	-68.8	+58.39	+1.26	-0.83	-0.83	-1.33	+0.38
10%	-35.5	-37.7	-55.2	+49.12	+0.97	-0.66	-0.66	-1.15	+0.32
20%	-22.0	-22.9	-38.8	+37.90	+0.62	-0.46	-0.46	-0.94	+0.25
30%	-12.2	-12.1	-26.9	+29.81	+0.37	-0.31	-0.31	-0.79	+0.20
50%	+4.0	+5.6	-7.4	+16.43	-0.05	-0.07	-0.06	-0.54	+0.11
70%	+20.2	+23.3	+12.2	+3.05	-0.47	+0.17	+0.19	-0.29	+0.02
80%	+30.0	+34.1	+24.0	-5.04	-0.72	+0.31	+0.34	-0.14	-0.03
90%	+43.6	+49.0	+40.5	-16.26	-1.07	+0.52	+0.54	+0.07	-0.10
95%	+54.9	+61.2	+54.0	-25.53	-1.36	+0.68	+0.71	+0.24	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	62	62	39	83
Number of sires	1478	1478	1478	60	60	2038	2038	1216	2364

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

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