

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE October 2021

SIL GE# 38662

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%	+2258	+276	+1271	+942	+0.045	+6.64	+3.60	+11.58	-1.311	+0.987	+0.450	+0.131	+0.451	+2.326	+1.978
10%	+2062	+234	+1155	+845	+0.038	+6.02	+3.27	+10.50	-1.143	+0.856	+0.388	+0.112	+0.386	+2.111	+1.683
20%	+1824	+183	+1014	+727	+0.030	+5.27	+2.87	+9.19	-0.939	+0.698	+0.312	+0.088	+0.308	+1.852	+1.326
30%	+1653	+146	+912	+643	+0.024	+4.72	+2.58	+8.25	-0.792	+0.584	+0.258	+0.071	+0.251	+1.664	+1.069
50%	+1369	+86	+744	+503	+0.014	+3.83	+2.10	+6.69	-0.549	+0.395	+0.168	+0.044	+0.158	+1.355	+0.644
70%	+1086	+25	+575	+363	+0.004	+2.93	+1.62	+5.14	-0.306	+0.206	+0.078	+0.016	+0.065	+1.045	+0.219
80%	+915	-11	+474	+278	-0.002	+2.39	+1.33	+4.20	-0.159	+0.092	+0.024	-0.001	+0.008	+0.857	-0.038
90%	+677	-62	+333	+161	-0.010	+1.63	+0.93	+2.89	+0.045	-0.067	-0.052	-0.025	-0.070	+0.598	-0.395
95%	+480	-104	+216	+64	-0.017	+1.01	+0.60	+1.81	+0.213	-0.198	-0.114	-0.044	-0.134	+0.383	-0.689
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	116	143	180	132	143	180	180	180	132	132	132	132	132	132	132
Number of sires	1531	1692	2099	1741	1692	2099	2099	2099	1741	1741	1741	1741	1741	1741	1741

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 2021

SIL GE # 38662

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%	+3169	+3738	+3423	+5164	+3147	+838	+966	+2380	+284	+1773	+1083	+424	+724	+2589	+95	+723
10%	+2891	+3400	+3101	+4726	+2866	+721	+835	+2165	+114	+1593	+920	+365	+558	+2254	+75	+607
20%	+2554	+2991	+2712	+4196	+2526	+579	+677	+1905	-91	+1376	+723	+293	+358	+1847	+52	+467
30%	+2311	+2696	+2430	+3814	+2280	+476	+562	+1717	-240	+1220	+581	+241	+214	+1554	+35	+366
40%	+2104	+2444	+2190	+3487	+2071	+388	+465	+1556	-367	+1086	+460	+196	+90	+1304	+20	+279
50%	+1910	+2208	+1966	+3182	+1874	+307	+374	+1406	-485	+961	+346	+155	-25	+1070	+6	+199
60%	+1715	+1973	+1741	+2877	+1678	+225	+283	+1256	-604	+837	+233	+113	-140	+836	-7	+118
70%	+1508	+1721	+1501	+2550	+1469	+137	+185	+1096	-731	+703	+111	+69	-264	+585	-22	+31
80%	+1265	+1426	+1220	+2168	+1223	+35	+71	+908	-879	+546	-31	+17	-408	+292	-39	-70
90%	+928	+1016	+830	+1638	+883	-108	-88	+648	-1085	+330	-228	-55	-608	-114	-63	-210
95%	+650	+679	+508	+1200	+601	-225	-218	+433	-1255	+150	-391	-115	-774	-450	-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	127	102	45	33	49	231	257	287	181	181	173	152	53	39	56	81
Number of sires	3417	2793	1323	1076	1691	4607	5035	5361	4065	4065	3791	3701	1444	1201	1840	2257

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE October 2021

SIL GE# 38662

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	LW8 ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹	FW12
5%	+0.38	+0.057	+0.038	+5.71	+3.02	+9.70	+3.13	-1.94	-0.916	+0.765	+0.359	+0.120	+0.362	+1.639	+1.583	+0.651
10%	+0.32	+0.049	+0.032	+5.14	+2.74	+8.79	+2.77	-0.78	-0.736	+0.618	+0.291	+0.100	+0.295	+1.404	+1.273	+0.559
20%	+0.26	+0.040	+0.024	+4.45	+2.40	+7.69	+2.33	+0.62	-0.518	+0.440	+0.209	+0.075	+0.214	+1.120	+0.898	+0.447
30%	+0.21	+0.033	+0.019	+3.96	+2.15	+6.89	+2.02	+1.63	-0.360	+0.312	+0.150	+0.058	+0.155	+0.915	+0.627	+0.366
50%	+0.13	+0.022	+0.010	+3.14	+1.74	+5.58	+1.50	+3.30	-0.100	+0.100	+0.053	+0.028	+0.059	+0.576	+0.179	+0.233
70%	+0.06	+0.010	+0.000	+2.32	+1.34	+4.26	+0.98	+4.97	+0.160	-0.112	-0.045	-0.001	-0.038	+0.237	-0.269	+0.100
80%	+0.01	+0.004	-0.005	+1.82	+1.09	+3.47	+0.66	+5.98	+0.318	-0.241	-0.104	-0.019	-0.097	+0.032	-0.539	+0.020
90%	-0.05	-0.006	-0.013	+1.13	+0.75	+2.36	+0.23	+7.38	+0.536	-0.418	-0.185	-0.044	-0.178	-0.252	-0.915	-0.092
95%	-0.11	-0.014	-0.019	+0.56	+0.46	+1.45	-0.13	+8.54	+0.716	-0.565	-0.253	-0.064	-0.245	-0.487	-1.225	-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	231	257	257	287	287	287	287	181	173	173	173	173	173	173	173	152
Number of sires	4607	5035	5035	5361	5361	5361	5361	4065	3791	3791	3791	3791	3791	3791	3791	3701

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE October 2021

SIL GE# 38662

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%	-47.3	-50.9	-69.0	+60.53	+1.27	-0.83	-0.83	-1.33	+0.38
10%	-35.9	-38.3	-55.2	+51.41	+0.98	-0.66	-0.66	-1.15	+0.32
20%	-22.1	-23.0	-38.6	+40.36	+0.63	-0.46	-0.45	-0.94	+0.25
30%	-12.1	-11.9	-26.6	+32.39	+0.38	-0.31	-0.30	-0.79	+0.20
50%	+4.3	+6.3	-6.8	+19.22	-0.04	-0.07	-0.06	-0.54	+0.11
70%	+20.8	+24.5	+13.1	+6.05	-0.46	+0.17	+0.19	-0.29	+0.02
80%	+30.8	+35.6	+25.1	-1.92	-0.71	+0.31	+0.34	-0.14	-0.03
90%	+44.6	+50.9	+41.7	-12.97	-1.06	+0.52	+0.55	+0.07	-0.10
95%	+56.0	+63.5	+55.5	-22.09	-1.35	+0.68	+0.72	+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	1477	1477	1477	60	60	2038	2038	1216	2363

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

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