

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE June 2021

SIL GE# 38520

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%	+2276	+278	+1279	+948	+0.046	+6.69	+3.62	+11.64	-1.333	+0.996	+0.453	+0.132	+0.453	+2.343	+1.991
10%	+2079	+236	+1163	+851	+0.039	+6.08	+3.29	+10.58	-1.163	+0.864	+0.390	+0.113	+0.389	+2.128	+1.695
20%	+1841	+185	+1023	+734	+0.030	+5.33	+2.89	+9.29	-0.957	+0.705	+0.314	+0.089	+0.310	+1.868	+1.336
30%	+1670	+148	+923	+649	+0.024	+4.79	+2.60	+8.35	-0.808	+0.590	+0.260	+0.072	+0.254	+1.681	+1.078
50%	+1386	+87	+756	+509	+0.014	+3.91	+2.13	+6.82	-0.562	+0.400	+0.169	+0.044	+0.160	+1.370	+0.651
70%	+1103	+26	+589	+370	+0.004	+3.02	+1.66	+5.28	-0.316	+0.210	+0.079	+0.016	+0.067	+1.060	+0.224
80%	+932	-10	+488	+285	-0.002	+2.48	+1.37	+4.35	-0.168	+0.095	+0.024	-0.001	0.000	0.000	-0.035
90%	+694	-61	+348	+168	-0.010	+1.74	+0.97	+3.06	+0.039	-0.065	-0.052	-0.024	-0.068	+0.612	-0.393
95%	+497	-104	+233	+71	-0.017	+1.12	+0.64	+1.99	+0.209	-0.196	-0.114	-0.044	-0.133	+0.397	-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	112	141	179	128	141	179	179	179	128	128	128	128	128	128	128
Number of sires	1484	1667	2052	1694	1667	2052	2052	2052	1694	1694	1694	1694	1694	1694	1694

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE June 2021

SIL GE # 38520

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%	+3234	+3812	+3449	+5437	+3180	+824	+972	+2420	+257	+1786	+1086	+427	+711	+2652	+97	+706
10%	+2954	+3474	+3142	+4978	+2903	+713	+843	+2205	+89	+1609	+924	+368	+551	+2313	+77	+593
20%	+2616	+3066	+2771	+4422	+2567	+578	+686	+1944	-115	+1395	+729	+297	+357	+1903	+53	+456
30%	+2372	+2771	+2503	+4021	+2325	+481	+573	+1756	-262	+1241	+588	+245	+217	+1606	+36	+357
40%	+2163	+2520	+2274	+3678	+2118	+398	+476	+1596	-388	+1109	+468	+201	+98	+1353	+22	+272
50%	+1969	+2284	+2060	+3358	+1925	+320	+386	+1446	-505	+985	+355	+160	-14	+1117	+8	+193
60%	+1774	+2049	+1846	+3038	+1732	+243	+296	+1296	-623	+862	+243	+119	-125	+880	-6	+114
70%	+1565	+1798	+1618	+2695	+1525	+160	+199	+1135	-748	+730	+122	+75	-245	+627	-20	+30
80%	+1321	+1503	+1350	+2294	+1283	+63	+86	+947	-896	+575	-19	+24	-385	+331	-37	-69
90%	+983	+1095	+978	+1738	+947	-72	-70	+687	-1100	+361	-214	-48	-578	-79	-61	-206
95%	+703	+757	+671	+1278	+670	-184	-200	+471	-1268	+184	-375	-107	-738	-419	-80	-320
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	119	97	44	27	41	217	257	287	174	174	172	146	53	33	48	75
Number of sires	3171	2674	1317	827	1440	4478	5004	5298	3866	3866	3777	3479	1438	971	1586	2183

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE June 2021

SIL GE# 38520

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%	+0.37	+0.057	+0.039	+5.79	+3.07	+9.81	+3.19	-1.75	-0.929	+0.780	+0.364	+0.120	+0.367	+1.632	+1.583	+0.654
10%	+0.32	+0.050	+0.032	+5.22	+2.79	+8.90	+2.83	-0.61	-0.747	+0.632	+0.296	+0.099	+0.300	+1.401	+1.273	+0.563
20%	+0.25	+0.040	+0.025	+4.53	+2.44	+7.80	+2.39	+0.78	-0.527	+0.454	+0.214	+0.075	+0.218	+1.122	+0.897	+0.453
30%	+0.21	+0.033	+0.019	+4.04	+2.20	+7.01	+2.07	+1.78	-0.368	+0.325	+0.155	+0.057	+0.159	+0.921	+0.626	+0.373
50%	+0.14	+0.022	+0.010	+3.22	+1.79	+5.70	+1.55	+3.44	-0.106	+0.112	+0.057	+0.028	+0.062	+0.589	+0.178	+0.242
70%	+0.07	+0.011	+0.001	+2.40	+1.38	+4.39	+1.02	+5.09	+0.157	-0.101	-0.040	-0.002	-0.035	+0.256	-0.270	+0.110
80%	+0.02	+0.004	-0.005	+1.91	+1.14	+3.60	+0.71	+6.09	+0.316	-0.230	-0.099	-0.020	-0.094	+0.055	-0.541	+0.031
90%	-0.04	-0.005	-0.012	+1.22	+0.80	+2.50	+0.26	+7.48	+0.536	-0.409	-0.181	-0.044	-0.176	-0.224	-0.917	-0.080
95%	-0.09	-0.013	-0.019	+0.65	+0.51	+1.59	-0.10	+8.63	+0.718	-0.556	-0.249	-0.065	-0.243	-0.455	-1.227	-0.171
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	217	257	257	287	287	287	287	174	172	172	172	172	172	172	172	146
Number of sires	4478	5004	5004	5298	5298	5298	5298	3866	3777	3777	3777	3777	3777	3777	3777	3479

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE June 2021

SIL GE# 38520

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%	-46.6	-49.4	-68.1	+59.79	+1.28	-0.85	-0.84	-1.36	+0.37
10%	-35.4	-37.3	-54.9	+50.62	+0.99	-0.68	-0.67	-1.18	+0.32
20%	-21.9	-22.6	-38.8	+39.53	+0.65	-0.47	-0.47	-0.97	+0.24
30%	-12.1	-12.0	-27.3	+31.52	+0.40	-0.33	-0.32	-0.82	+0.19
50%	+4.1	+5.5	-8.1	+18.29	-0.01	-0.08	-0.08	-0.57	+0.11
70%	+20.2	+23.1	+11.0	+5.06	-0.42	+0.16	+0.17	-0.31	+0.02
80%	+30.0	+33.6	+22.6	-2.94	-0.66	+0.31	+0.31	-0.16	-0.03
90%	+43.6	+48.3	+38.6	-14.04	-1.01	+0.51	+0.52	+0.05	-0.10
95%	+54.7	+60.5	+51.9	-23.20	-1.29	+0.68	+0.68	+0.23	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	54	54	33	77
Number of sires	1471	1471	1471	60	60	1784	1784	984	2280

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

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