

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE August 2020

SIL GE# 37656

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%	+2201	+260	+1253	+892	+0.043	+6.59	+3.53	+11.41	-1.176	+0.870	+0.388	+0.141	+0.417	+2.294	+2.001
10%	+2018	+220	+1139	+801	+0.036	+5.99	+3.21	+10.36	-1.026	+0.752	+0.332	+0.122	+0.356	+2.081	+1.717
20%	+1798	+172	+1002	+691	+0.028	+5.25	+2.82	+9.09	-0.843	+0.609	+0.263	+0.098	+0.282	+1.823	+1.373
30%	+1639	+137	+903	+612	+0.023	+4.72	+2.54	+8.18	-0.712	+0.506	+0.213	+0.081	+0.228	+1.638	+1.124
50%	+1376	+80	+740	+480	+0.013	+3.85	+2.08	+6.66	-0.494	+0.335	+0.132	+0.053	+0.140	+1.331	+0.714
70%	+1113	+23	+576	+349	+0.004	+2.97	+1.62	+5.15	-0.277	+0.164	+0.050	+0.025	+0.052	+1.024	+0.304
80%	+954	-12	+477	+270	-0.002	+2.44	+1.33	+4.23	-0.145	+0.061	+0.000	+0.008	0.000	0.000	+0.056
90%	+733	-60	+340	+160	-0.010	+1.71	+0.95	+2.96	+0.037	-0.082	-0.068	-0.015	-0.076	+0.580	-0.288
95%	+551	-100	+227	+69	-0.016	+1.10	+0.63	+1.92	+0.187	-0.200	-0.125	-0.035	-0.137	+0.368	-0.572
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	107	144	180	123	144	180	180	180	123	123	123	123	123	123	123
Number of sires	1342	1581	1882	1522	1581	1882	1882	1882	1522	1522	1522	1522	1522	1522	1522

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE August 2020

SIL GE # 37656

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%	+3233	+3798	+3362	+5356	+3196	+828	+926	+2430	+232	+1762	+1019	+473	+715	+2713	+108	+704
10%	+2954	+3474	+3075	+4878	+2917	+715	+803	+2214	+67	+1590	+873	+411	+561	+2351	+87	+592
20%	+2617	+3082	+2729	+4300	+2580	+579	+655	+1952	-132	+1381	+696	+335	+375	+1913	+61	+455
30%	+2373	+2799	+2479	+3883	+2336	+480	+548	+1764	-275	+1230	+569	+281	+240	+1597	+43	+357
40%	+2165	+2557	+2265	+3526	+2128	+396	+457	+1602	-398	+1102	+460	+235	+126	+1327	+28	+273
50%	+1971	+2331	+2065	+3193	+1934	+317	+371	+1452	-512	+981	+358	+191	+18	+1075	+13	+195
60%	+1777	+2105	+1866	+2860	+1740	+238	+286	+1301	-627	+861	+257	+148	-89	+822	-2	+116
70%	+1569	+1863	+1652	+2504	+1532	+154	+194	+1140	-750	+733	+148	+102	-204	+552	-17	+32
80%	+1325	+1580	+1402	+2087	+1288	+55	+87	+951	-893	+582	+21	+47	-339	+236	-36	-66
90%	+987	+1187	+1056	+1508	+951	-81	-61	+689	-1092	+373	-156	-28	-525	-202	-61	-202
95%	+709	+863	+769	+1031	+672	-194	-183	+473	-1257	+201	-302	-90	-679	-564	-82	-315
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	132	102	40	27	29	233	257	283	179	179	170	156	46	32	37	71
Number of sires	3419	2788	1263	939	933	4580	5019	5341	4120	4120	3384	3669	1351	1025	1070	2189

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE August 2020

SIL GE# 37656

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	LW8 ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹	FW12
5%	+0.37	+0.055	+0.037	+5.83	+3.10	+10.00	+3.11	-1.58	-0.812	+0.639	+0.294	+0.124	+0.328	+1.595	+1.563	+0.807
10%	+0.32	+0.048	+0.031	+5.26	+2.81	+9.07	+2.75	-0.46	-0.656	+0.523	+0.242	+0.103	+0.269	+1.374	+1.254	+0.701
20%	+0.26	+0.039	+0.023	+4.58	+2.47	+7.95	+2.31	+0.90	-0.469	+0.383	+0.178	+0.077	+0.199	+1.105	+0.881	+0.574
30%	+0.21	+0.033	+0.018	+4.09	+2.22	+7.13	+1.99	+1.87	-0.333	+0.282	+0.133	+0.059	+0.148	+0.912	+0.612	+0.481
50%	+0.14	+0.022	+0.009	+3.27	+1.81	+5.79	+1.46	+3.49	-0.109	+0.114	+0.057	+0.029	+0.064	+0.592	+0.167	+0.329
70%	+0.06	+0.012	+0.000	+2.46	+1.41	+4.45	+0.94	+5.10	+0.114	-0.053	-0.018	-0.002	-0.021	+0.272	-0.278	+0.177
80%	+0.02	+0.005	-0.005	+1.96	+1.16	+3.64	+0.62	+6.08	+0.250	-0.154	-0.064	-0.020	-0.072	+0.079	-0.547	+0.085
90%	-0.04	-0.003	-0.013	+1.28	+0.82	+2.51	+0.18	+7.43	+0.438	-0.295	-0.127	-0.046	-0.142	-0.189	-0.920	-0.043
95%	-0.10	-0.011	-0.019	+0.72	+0.53	+1.58	-0.18	+8.55	+0.593	-0.410	-0.179	-0.067	-0.201	-0.411	-1.229	-0.149
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	233	257	257	283	283	283	283	179	170	170	170	170	170	170	170	156
Number of sires	4580	5019	5019	5341	5341	5341	5341	4120	3384	3384	3384	3384	3384	3384	3384	3669

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE August 2020

SIL GE# 37656

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%	-46.7	-50.3	-66.2	+54.74	+1.33	-0.94	-0.91	-1.39	+0.38
10%	-35.9	-38.4	-54.0	+47.33	+1.06	-0.76	-0.74	-1.20	+0.32
20%	-22.8	-23.9	-39.2	+38.36	+0.73	-0.54	-0.52	-0.97	+0.25
30%	-13.4	-13.5	-28.6	+31.90	+0.48	-0.39	-0.36	-0.81	+0.20
50%	+2.1	+3.7	-10.9	+21.21	+0.09	-0.13	-0.10	-0.54	+0.11
70%	+17.7	+20.9	+6.7	+10.51	-0.31	+0.12	+0.16	-0.27	+0.03
80%	+27.1	+31.3	+17.3	+4.05	-0.55	+0.28	+0.31	-0.10	-0.03
90%	+40.2	+45.8	+32.1	-4.92	-0.89	+0.49	+0.53	+0.12	-0.10
95%	+51.0	+57.7	+44.3	-12.33	-1.16	+0.67	+0.71	+0.31	-0.16
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	43	43	32	75
Number of sires	1389	1389	1389	79	79	1241	1241	1049	2317

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

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