

NZGE Indexes and gBVs - Terminal Sire - Young Ram Percentile Bands

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NZGE October 2019

SIL GE# 36903

Rams born in 2018

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%	+2088	+212	+1169	+789	+0.035	+6.00	+3.33	+10.64	-0.976	+0.592	+0.260	+0.129	+0.302	+2.159	+1.750
10%	+1913	+183	+1063	+711	+0.030	+5.46	+3.02	+9.65	-0.856	+0.512	+0.222	+0.113	+0.259	+1.960	+1.518
20%	+1700	+149	+935	+617	+0.025	+4.81	+2.65	+8.46	-0.712	+0.415	+0.177	+0.093	+0.206	+1.718	+1.236
30%	+1546	+124	+842	+549	+0.020	+4.34	+2.38	+7.60	-0.607	+0.345	+0.144	+0.079	+0.168	+1.544	+1.034
50%	+1293	+82	+689	+436	+0.014	+3.56	+1.94	+6.17	-0.435	+0.230	+0.091	+0.056	+0.106	+1.256	+0.699
70%	+1039	+41	+536	+324	+0.007	+2.78	+1.50	+4.75	-0.262	+0.115	+0.037	+0.033	+0.043	+0.969	+0.363
80%	+886	+16	+443	+256	+0.003	+2.31	+1.23	+3.89	-0.158	+0.045	+0.004	+0.019	0.000	0.000	+0.161
90%	+673	-19	+315	+161	-0.003	+1.65	+0.86	+2.69	-0.013	-0.051	-0.041	-0.001	-0.048	+0.553	-0.121
95%	+497	-47	+208	+83	-0.008	+1.11	+0.56	+1.71	+0.107	-0.131	-0.079	-0.017	-0.091	+0.354	-0.353
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	97	134	171	109	134	171	171	171	109	109	109	109	109	109	109
Number of rams	18778	23126	27064	19972	23126	27064	27064	27064	19972	19972	19972	19972	19972	19972	19972

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 - Young Ram Percentile Bands

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NZGE October 2019

SIL GE # 36903

Rams born in 2018

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%	+2985	+3553	+3166	+5056	+3110	+737	+768	+2251	+145	+1602	+809	+381	+601	+2330	+90	+511
10%	+2730	+3251	+2911	+4644	+2813	+648	+676	+2041	+7	+1436	+703	+335	+475	+2053	+73	+434
20%	+2421	+2885	+2603	+4145	+2453	+541	+565	+1786	-159	+1236	+574	+280	+322	+1717	+53	+341
30%	+2199	+2621	+2381	+3785	+2194	+463	+485	+1603	-280	+1091	+482	+240	+212	+1474	+39	+274
40%	+2009	+2395	+2191	+3478	+1972	+397	+416	+1446	-383	+968	+403	+205	+118	+1267	+27	+217
50%	+1831	+2184	+2013	+3191	+1765	+335	+352	+1299	-479	+852	+329	+173	+30	+1074	+15	+163
60%	+1653	+1973	+1836	+2903	+1557	+273	+288	+1153	-575	+737	+255	+141	-58	+880	+4	+109
70%	+1463	+1748	+1646	+2596	+1335	+206	+220	+996	-678	+613	+175	+107	-152	+673	-9	+52
80%	+1240	+1483	+1423	+2236	+1076	+129	+139	+813	-798	+469	+83	+67	-262	+431	-23	-15
90%	+932	+1117	+1115	+1737	+716	+21	+28	+558	-965	+268	-46	+11	-415	+95	-43	-109
95%	+677	+815	+861	+1325	+419	-68	-64	+348	-1103	+103	-152	-35	-541	-183	-59	-185
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	122	93	38	24	26	218	235	262	166	166	154	152	40	26	30	62
Number of rams	71869	51065	21517	13940	13191	91690	92214	95723	81886	81886	58149	77613	21661	14782	13666	39234

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE October 2019

SIL GE# 36903

Rams born in

2018

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%	+0.32	+0.044	+0.031	+5.24	+2.89	+9.26	+2.55	-0.99	-0.582	+0.374	+0.178	+0.099	+0.218	+1.339	+1.228	+0.653
10%	+0.28	+0.038	+0.026	+4.73	+2.62	+8.38	+2.25	-0.05	-0.470	+0.307	+0.148	+0.082	+0.180	+1.169	+0.985	+0.575
20%	+0.23	+0.032	+0.021	+4.12	+2.28	+7.31	+1.89	+1.08	-0.335	+0.226	+0.111	+0.063	+0.134	+0.964	+0.691	+0.480
30%	+0.20	+0.027	+0.017	+3.68	+2.04	+6.53	+1.63	+1.90	-0.238	+0.167	+0.084	+0.048	+0.101	+0.816	+0.479	+0.412
50%	+0.14	+0.020	+0.010	+2.96	+1.65	+5.25	+1.20	+3.26	-0.077	+0.070	+0.040	+0.025	+0.046	+0.572	+0.128	+0.299
70%	+0.08	+0.012	+0.003	+2.23	+1.25	+3.98	+0.77	+4.61	+0.084	-0.027	-0.004	+0.001	-0.010	+0.327	-0.223	+0.185
80%	+0.05	+0.007	-0.001	+1.79	+1.01	+3.20	+0.51	+5.43	+0.182	-0.086	-0.031	-0.013	-0.043	+0.180	-0.436	+0.117
90%	-0.00	+0.001	-0.006	+1.18	+0.68	+2.13	+0.15	+6.56	+0.317	-0.167	-0.068	-0.033	-0.089	-0.025	-0.730	+0.022
95%	-0.04	-0.004	-0.011	+0.68	+0.41	+1.24	-0.14	+7.50	+0.428	-0.234	-0.098	-0.050	-0.127	-0.195	-0.973	-0.056
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	218	235	235	262	262	262	262	166	154	154	154	154	154	154	154	145
Number of rams	91690	92214	92214	95723	95723	95723	95723	81886	58149	58149	58149	58149	58149	58149	58149	77613

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE October 2019

SIL GE# 36903

Rams born in

2018

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%	-38.4	-39.2	-58.4	+55.26	+1.07	-0.75	-0.76	-1.20	+0.28
10%	-29.7	-29.9	-48.4	+48.04	+0.86	-0.62	-0.61	-1.05	+0.24
20%	-19.0	-18.6	-36.4	+39.29	+0.59	-0.45	-0.44	-0.88	+0.19
30%	-11.3	-10.5	-27.7	+32.98	+0.40	-0.34	-0.32	-0.76	+0.15
50%	+1.3	+2.9	-13.3	+22.55	+0.09	-0.14	-0.11	-0.55	+0.09
70%	+14.0	+16.3	+1.0	+12.12	-0.23	+0.06	+0.10	-0.35	+0.03
80%	+21.7	+24.5	+9.7	+5.82	-0.42	+0.18	+0.22	-0.22	-0.01
90%	+32.3	+35.7	+21.8	-2.93	-0.68	+0.34	+0.39	-0.05	-0.06
95%	+41.1	+45.0	+31.7	-10.16	-0.90	+0.48	+0.54	+0.09	-0.10
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	34	34	26	65
Number of rams	21661	21661	21661	1427	1427	15336	15336	14782	40642

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

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