

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

NZGE 1 October 2017

SIL GE# 35081

Rams born in **2016**

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	EMAc ¹
5%	+1729	+174	+1128	+519	+0.029	+5.68	+3.25	+9.96	-1.420	+1.177	+0.398	+0.330	+0.460	+2.476
10%	+1593	+148	+1025	+464	+0.024	+5.16	+2.95	+9.03	-1.265	+1.042	+0.352	+0.291	+0.408	+2.192
20%	+1428	+117	+900	+396	+0.019	+4.53	+2.58	+7.91	-1.077	+0.879	+0.295	+0.245	+0.344	+1.849
30%	+1310	+95	+809	+348	+0.016	+4.08	+2.32	+7.10	-0.942	+0.761	+0.255	+0.212	+0.299	+1.601
50%	+1113	+58	+660	+267	+0.010	+3.33	+1.88	+5.77	-0.718	+0.567	+0.187	+0.157	+0.223	+1.192
70%	+917	+21	+510	+187	+0.004	+2.59	+1.44	+4.43	-0.494	+0.373	+0.120	+0.102	+0.147	+0.783
80%	+798	-1	+420	+139	-0.000	+2.13	+1.18	+3.62	-0.359	+0.255	+0.079	+0.069	0.000	+0.535
90%	+634	-32	+295	+71	-0.005	+1.51	+0.81	+2.50	-0.171	+0.092	+0.023	+0.022	+0.038	+0.192
95%	+498	-58	+191	+16	-0.009	+0.99	+0.51	+1.57	-0.016	-0.042	-0.024	-0.016	-0.014	-0.092
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	sq. cm
Number of connected flocks	66	121	155	81	121	155	155	155	81	81	81	81	81	81
Number of rams	12407	19272	22548	13598	19272	22548	22548	22548	13598	13598	13598	13598	13598	13598

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

NZGE 1 October 2017

SIL GE # 35081

Rams born in **2016**

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%	+2637	+2749	+2826	+4518	+2775	+717	+635	+2229	+143	+1471	+351	+278	+518	+2086	+81	+490
10%	+2413	+2510	+2597	+4123	+2532	+628	+554	+2021	+3	+1317	+289	+244	+419	+1806	+65	+417
20%	+2142	+2220	+2320	+3644	+2237	+519	+457	+1768	-165	+1130	+214	+203	+299	+1466	+46	+330
30%	+1946	+2011	+2120	+3298	+2025	+441	+387	+1586	-287	+996	+159	+173	+212	+1222	+32	+266
40%	+1779	+1833	+1949	+3003	+1844	+375	+327	+1430	-391	+881	+113	+147	+138	+1013	+21	+212
50%	+1623	+1666	+1790	+2727	+1674	+312	+271	+1285	-488	+774	+70	+123	+69	+817	+10	+162
60%	+1467	+1499	+1630	+2451	+1505	+250	+215	+1139	-585	+666	+26	+100	-0	+622	-2	+111
70%	+1299	+1321	+1459	+2156	+1323	+183	+155	+984	-689	+551	-20	+74	-74	+413	-13	+57
80%	+1104	+1112	+1259	+1810	+1111	+105	+84	+801	-811	+417	-74	+44	-161	+168	-27	-6
90%	+832	+822	+982	+1331	+817	-4	-13	+549	-980	+231	-150	+3	-281	-171	-46	-94
95%	+608	+583	+753	+935	+574	-93	-93	+340	-1119	+77	-212	-32	-380	-451	-62	-166
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	142	105	36	29	29	251	243	278	153	278	165	158	37	34	36	56
Number of rams	66080	47078	16686	15730	16386	86641	87023	91636	69490	91636	58544	69007	16804	17160	17360	29179

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE 1 October 2017

SIL GE# 35081

Rams born in 2016

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	EMAc ¹	FW12
5%	+0.30	+0.036	+0.027	+5.19	+2.95	+9.04	+2.32	-0.97	-0.852	+0.614	+0.208	+0.165	+0.246	+1.480	+0.644
10%	+0.26	+0.031	+0.023	+4.69	+2.67	+8.18	+2.03	-0.02	-0.718	+0.506	+0.172	+0.134	+0.203	+1.204	+0.565
20%	+0.22	+0.026	+0.018	+4.08	+2.33	+7.14	+1.69	+1.13	-0.556	+0.375	+0.128	+0.097	+0.152	+0.869	+0.470
30%	+0.18	+0.021	+0.014	+3.64	+2.08	+6.39	+1.45	+1.95	-0.439	+0.281	+0.096	+0.071	+0.115	+0.628	+0.401
50%	+0.13	+0.015	+0.008	+2.91	+1.68	+5.15	+1.04	+3.32	-0.246	+0.125	+0.044	+0.027	+0.054	+0.230	+0.288
70%	+0.07	+0.008	+0.002	+2.19	+1.27	+3.90	+0.63	+4.69	-0.052	-0.031	-0.008	-0.017	-0.008	-0.169	+0.174
80%	+0.04	+0.003	-0.001	+1.75	+1.03	+3.15	+0.39	+5.52	+0.065	-0.126	-0.040	-0.043	-0.045	-0.410	+0.105
90%	-0.01	-0.002	-0.006	+1.14	+0.69	+2.11	+0.04	+6.67	+0.227	-0.256	-0.084	-0.080	-0.096	-0.744	+0.010
95%	-0.05	-0.007	-0.010	+0.64	+0.41	+1.25	-0.24	+7.61	+0.361	-0.364	-0.120	-0.110	-0.138	-1.020	-0.069
Units	x100 =%	x100 =%	x100 =%	kg	kg	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	sq. cm	kg
Number of connected flocks	251	243	243	278	278	278	278	153	165	165	165	165	165	165	158
Number of rams	86641	87023	87023	91636	91636	91636	91636	69490	58544	58544	58544	58544	58544	58544	69007

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE 1 October 2017

SIL GE# 35081

Rams born in 2016

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%	-32.6	-34.6	-51.0	+42.11	+1.08	-0.62	-0.73	-1.07	+0.25
10%	-25.7	-27.1	-43.1	+37.82	+0.88	-0.50	-0.59	-0.93	+0.22
20%	-17.2	-18.0	-33.6	+32.61	+0.64	-0.36	-0.41	-0.75	+0.17
30%	-11.1	-11.4	-26.7	+28.86	+0.46	-0.25	-0.29	-0.63	+0.14
50%	-1.1	-0.6	-15.3	+22.66	+0.17	-0.08	-0.08	-0.42	+0.08
70%	+9.0	+10.3	-3.9	+16.46	-0.12	+0.10	+0.12	-0.21	+0.03
80%	+15.1	+16.9	+3.0	+12.71	-0.29	+0.20	+0.25	-0.09	-0.00
90%	+23.5	+26.0	+12.5	+7.51	-0.54	+0.35	+0.42	+0.09	-0.05
95%	+30.5	+33.5	+20.4	+3.21	-0.74	+0.47	+0.57	+0.23	-0.09
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	37	37	37	5	5	40	40	34	57
Number of rams	16804	16804	16804	1273	1273	18681	18681	17160	29179

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

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