

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

NZGE 1 December 2017

SIL GE# 35228

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%	+1714	+170	+1114	+512	+0.028	+5.62	+3.20	+9.82	-1.400	+1.158	+0.392	+0.323	+0.454	+2.429
10%	+1577	+144	+1011	+456	+0.024	+5.10	+2.90	+8.90	-1.247	+1.024	+0.346	+0.286	+0.402	+2.150
20%	+1411	+112	+886	+389	+0.018	+4.47	+2.54	+7.78	-1.060	+0.863	+0.290	+0.240	+0.339	+1.813
30%	+1291	+89	+795	+341	+0.015	+4.02	+2.27	+6.98	-0.926	+0.746	+0.249	+0.207	+0.293	+1.569
50%	+1093	+52	+646	+261	+0.009	+3.26	+1.84	+5.65	-0.704	+0.553	+0.183	+0.153	+0.218	+1.167
70%	+896	+14	+497	+181	+0.002	+2.51	+1.40	+4.32	-0.482	+0.361	+0.116	+0.098	+0.143	+0.765
80%	+776	-9	+407	+133	-0.001	+2.06	+1.14	+3.51	-0.347	+0.244	+0.076	+0.065	0.000	+0.521
90%	+610	-40	+282	+66	-0.007	+1.43	+0.78	+2.39	-0.161	+0.082	+0.020	+0.020	+0.034	+0.184
95%	+473	-66	+178	+11	-0.011	+0.91	+0.47	+1.47	-0.007	-0.051	-0.026	-0.018	-0.018	-0.095
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	123	159	81	121	159	159	159	81	81	81	81	81	81
Number of rams	14052	22398	26265	15535	22398	26265	26265	26265	15535	15535	15535	15535	15535	15535

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 December 2017

SIL GE # 35228

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%	+2666	+2776	+2867	+4554	+2800	+722	+619	+2199	+133	+1442	+345	+375	+521	+2082	+79	+485
10%	+2436	+2529	+2633	+4153	+2553	+631	+538	+1994	-4	+1292	+284	+329	+421	+1800	+63	+413
20%	+2156	+2231	+2350	+3668	+2253	+521	+441	+1745	-170	+1109	+210	+272	+300	+1459	+45	+326
30%	+1955	+2016	+2147	+3319	+2036	+441	+371	+1566	-289	+977	+156	+232	+213	+1213	+32	+263
40%	+1783	+1832	+1972	+3020	+1852	+373	+311	+1413	-391	+865	+110	+197	+138	+1003	+20	+210
50%	+1622	+1660	+1810	+2740	+1679	+309	+255	+1269	-486	+760	+67	+165	+69	+807	+9	+160
60%	+1461	+1488	+1647	+2461	+1506	+246	+198	+1126	-581	+655	+25	+133	-1	+610	-1	+109
70%	+1289	+1304	+1473	+2162	+1321	+178	+138	+973	-683	+542	-21	+98	-75	+400	-13	+56
80%	+1088	+1089	+1269	+1813	+1105	+98	+68	+794	-803	+411	-75	+58	-162	+154	-26	-7
90%	+809	+790	+986	+1328	+805	-12	-29	+545	-968	+228	-149	+2	-283	-187	-44	-94
95%	+578	+543	+753	+927	+558	-103	-110	+340	-1105	+77	-210	-45	-383	-469	-60	-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	145	107	37	31	31	255	244	279	155	279	165	161	37	36	37	56
Number of rams	76903	54977	19028	17425	19272	100787	100781	105906	79586	105906	67523	80075	19028	19014	20374	32217

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE 1 December 2017

SIL GE# 35228

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%	+0.31	+0.035	+0.026	+5.11	+2.91	+8.91	+2.29	-0.90	-0.840	+0.603	+0.204	+0.162	+0.241	+1.453	+0.642
10%	+0.27	+0.031	+0.022	+4.62	+2.64	+8.07	+2.01	+0.03	-0.707	+0.497	+0.169	+0.132	+0.199	+1.181	+0.563
20%	+0.22	+0.025	+0.017	+4.02	+2.30	+7.05	+1.67	+1.15	-0.547	+0.368	+0.125	+0.096	+0.149	+0.852	+0.468
30%	+0.18	+0.021	+0.014	+3.59	+2.06	+6.31	+1.42	+1.97	-0.431	+0.275	+0.094	+0.070	+0.112	+0.615	+0.399
50%	+0.13	+0.014	+0.008	+2.88	+1.66	+5.09	+1.02	+3.31	-0.239	+0.121	+0.043	+0.026	+0.052	+0.222	+0.285
70%	+0.07	+0.007	+0.002	+2.16	+1.26	+3.88	+0.61	+4.65	-0.047	-0.033	-0.009	-0.017	-0.008	-0.170	+0.172
80%	+0.03	+0.002	-0.001	+1.73	+1.02	+3.14	+0.37	+5.46	+0.069	-0.126	-0.040	-0.043	-0.045	-0.407	+0.103
90%	-0.01	-0.003	-0.006	+1.13	+0.69	+2.12	+0.02	+6.59	+0.230	-0.255	-0.084	-0.079	-0.096	-0.736	+0.007
95%	-0.05	-0.008	-0.010	+0.64	+0.41	+1.27	-0.26	+7.52	+0.362	-0.361	-0.119	-0.109	-0.137	-1.008	-0.072
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	279	279	279	279	155	165	165	165	165	165	165	161
Number of rams	100787	100781	100781	105906	105906	105906	105906	79586	67523	67523	67523	67523	67523	67523	80075

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE 1 December 2017

SIL GE# 35228

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%	-32.9	-35.1	-50.7	+42.40	+1.08	-0.70	-0.61	-1.07	+0.25
10%	-25.9	-27.5	-42.8	+38.12	+0.88	-0.56	-0.49	-0.92	+0.21
20%	-17.4	-18.3	-33.3	+32.94	+0.64	-0.40	-0.34	-0.75	+0.17
30%	-11.3	-11.6	-26.5	+29.20	+0.47	-0.28	-0.24	-0.62	+0.14
50%	-1.2	-0.6	-15.1	+23.03	+0.18	-0.09	-0.07	-0.41	+0.08
70%	+8.9	+10.4	-3.8	+16.86	-0.10	+0.11	+0.10	-0.21	+0.03
80%	+15.0	+17.0	+3.1	+13.12	-0.28	+0.23	+0.20	-0.08	-0.00
90%	+23.5	+26.2	+12.6	+7.94	-0.51	+0.39	+0.35	+0.10	-0.05
95%	+30.5	+33.8	+20.5	+3.67	-0.71	+0.53	+0.46	+0.24	-0.09
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	37	37	37	5	5	41	41	36	57
Number of rams	19028	19028	19028	1449	1449	22055	22055	19014	32217

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

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