

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

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NZGE December 2018

SIL GE# 36062

Rams born in 2017

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%	+1731	+178	+1142	+499	+0.029	+5.76	+3.29	+10.07	-1.357	+1.130	+0.380	+0.315	+0.445	+2.341
10%	+1583	+151	+1037	+445	+0.025	+5.22	+2.98	+9.13	-1.209	+0.999	+0.335	+0.278	+0.394	+2.070
20%	+1404	+118	+908	+379	+0.019	+4.57	+2.61	+7.99	-1.030	+0.840	+0.281	+0.233	+0.332	+1.742
30%	+1275	+94	+816	+332	+0.015	+4.10	+2.34	+7.17	-0.901	+0.726	+0.241	+0.201	+0.287	+1.506
50%	+1061	+55	+663	+254	+0.009	+3.32	+1.89	+5.81	-0.688	+0.536	+0.177	+0.147	+0.213	+1.115
70%	+847	+16	+510	+176	+0.003	+2.54	+1.45	+4.45	-0.474	+0.347	+0.112	+0.094	+0.138	+0.724
80%	+717	-8	+417	+128	-0.001	+2.07	+1.18	+3.63	-0.345	+0.232	+0.072	+0.061	0.000	+0.488
90%	+538	-41	+289	+63	-0.007	+1.41	+0.81	+2.49	-0.166	+0.074	+0.018	+0.016	+0.031	+0.160
95%	+390	-68	+183	+9	-0.011	+0.87	+0.50	+1.55	-0.018	-0.057	-0.027	-0.021	-0.020	-0.111
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	93	140	176	102	140	176	176	176	102	102	102	102	102	102
Number of rams	18809	25235	28954	19499	25235	28954	28954	28954	19499	19499	19499	19499	19499	19499

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 December 2018

SIL GE # 36062

Rams born in

2017

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%	+2810	+2984	+2976	+5006	+2894	+743	+662	+2228	+151	+1491	+347	+384	+531	+2283	+86	+518
10%	+2562	+2722	+2726	+4569	+2639	+650	+576	+2016	+13	+1334	+281	+338	+428	+1990	+70	+436
20%	+2260	+2404	+2424	+4040	+2331	+538	+471	+1759	-155	+1144	+201	+283	+303	+1634	+50	+337
30%	+2043	+2175	+2206	+3659	+2109	+457	+396	+1573	-276	+1007	+144	+243	+213	+1377	+36	+266
40%	+1857	+1979	+2020	+3333	+1919	+388	+332	+1415	-379	+890	+94	+208	+136	+1158	+24	+204
50%	+1684	+1796	+1846	+3029	+1742	+323	+272	+1267	-475	+781	+48	+176	+64	+953	+13	+147
60%	+1510	+1613	+1672	+2724	+1565	+258	+212	+1119	-572	+672	+2	+144	-7	+748	+2	+90
70%	+1325	+1418	+1486	+2399	+1375	+189	+147	+960	-675	+555	-47	+110	-84	+529	-10	+29
80%	+1107	+1189	+1268	+2017	+1153	+108	+72	+775	-796	+418	-104	+70	-174	+272	-24	-43
90%	+806	+871	+966	+1489	+844	-4	-32	+518	-964	+228	-184	+14	-299	-84	-44	-142
95%	+557	+609	+716	+1052	+590	-97	-119	+305	-1102	+71	-250	-32	-402	-378	-60	-224
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	155	109	39	28	34	247	242	275	166	275	157	166	40	36	37	71
Number of rams	82611	59143	18625	17094	20114	102896	99468	106530	86319	106530	65856	85504	18840	19329	20725	40215

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE December 2018

SIL GE# 36062

Rams born in 2017

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%	+0.33	+0.038	+0.027	+5.15	+2.95	+9.03	+2.37	-1.03	-0.868	+0.601	+0.206	+0.167	+0.238	+1.437	+0.660
10%	+0.28	+0.033	+0.023	+4.64	+2.66	+8.15	+2.08	-0.09	-0.726	+0.488	+0.168	+0.134	+0.194	+1.153	+0.582
20%	+0.23	+0.027	+0.018	+4.03	+2.32	+7.09	+1.73	+1.05	-0.554	+0.351	+0.121	+0.093	+0.141	+0.810	+0.486
30%	+0.20	+0.022	+0.014	+3.58	+2.07	+6.33	+1.48	+1.87	-0.430	+0.252	+0.087	+0.064	+0.103	+0.562	+0.418
50%	+0.13	+0.015	+0.008	+2.85	+1.65	+5.06	+1.06	+3.23	-0.225	+0.089	+0.032	+0.017	+0.040	+0.152	+0.304
70%	+0.07	+0.008	+0.002	+2.12	+1.24	+3.80	+0.64	+4.59	-0.020	-0.075	-0.024	-0.031	-0.024	-0.257	+0.191
80%	+0.04	+0.003	-0.002	+1.67	+0.99	+3.03	+0.38	+5.42	+0.104	-0.174	-0.058	-0.060	-0.062	-0.505	+0.122
90%	-0.02	-0.003	-0.007	+1.06	+0.64	+1.97	+0.03	+6.56	+0.276	-0.311	-0.104	-0.100	-0.115	-0.848	+0.027
95%	-0.06	-0.008	-0.011	+0.55	+0.35	+1.10	-0.26	+7.50	+0.418	-0.424	-0.143	-0.134	-0.159	-1.132	-0.051
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	247	242	242	275	275	275	275	166	157	157	157	157	157	157	166
Number of rams	102896	99468	99468	106530	106530	106530	106530	86319	65856	65856	65856	65856	65856	65856	85504

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE December 2018

SIL GE# 36062

Rams born in

2017

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%	-32.7	-35.4	-52.0	+43.79	+1.10	-0.75	-0.67	-1.17	+0.28
10%	-25.5	-27.5	-44.3	+38.69	+0.88	-0.61	-0.54	-1.02	+0.24
20%	-16.7	-18.0	-34.9	+32.52	+0.62	-0.44	-0.39	-0.84	+0.18
30%	-10.3	-11.1	-28.1	+28.07	+0.43	-0.31	-0.28	-0.71	+0.15
50%	+0.2	+0.2	-17.0	+20.71	+0.12	-0.11	-0.10	-0.49	+0.08
70%	+10.7	+11.6	-5.8	+13.35	-0.19	+0.10	+0.08	-0.27	+0.02
80%	+17.0	+18.5	+1.0	+8.90	-0.38	+0.22	+0.19	-0.14	-0.02
90%	+25.9	+28.0	+10.3	+2.72	-0.64	+0.40	+0.34	+0.04	-0.07
95%	+33.1	+35.9	+18.1	-2.37	-0.85	+0.54	+0.46	+0.19	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	5	5	40	40	36	74
Number of rams	18840	18840	18840	1624	1624	22145	22145	19329	41453

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

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