

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

NZGE October 2018

SIL GE# 35854

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	LPLY	HPLY	EMAc ¹
5%	+1742	+176	+1151	+500	+0.029	+5.80	+3.31	+10.14	-1.360	+1.132	+0.381	+0.316	+0.446	+2.349
10%	+1592	+149	+1043	+446	+0.025	+5.26	+3.00	+9.18	-1.211	+1.000	+0.335	+0.279	+0.394	+2.075
20%	+1411	+117	+912	+380	+0.019	+4.59	+2.62	+8.03	-1.031	+0.840	+0.281	+0.233	+0.332	+1.744
30%	+1280	+93	+818	+332	+0.015	+4.11	+2.34	+7.19	-0.901	+0.725	+0.241	+0.200	+0.286	+1.505
50%	+1064	+54	+663	+253	+0.009	+3.32	+1.89	+5.81	-0.686	+0.534	+0.176	+0.146	+0.212	+1.110
70%	+848	+15	+507	+174	+0.002	+2.53	+1.44	+4.43	-0.471	+0.343	+0.110	+0.092	+0.137	+0.714
80%	+717	-9	+413	+126	-0.001	+2.05	+1.17	+3.60	-0.341	+0.227	+0.071	+0.059	0.000	+0.475
90%	+536	-42	+283	+60	-0.007	+1.39	+0.79	+2.44	-0.161	+0.067	+0.016	+0.014	+0.029	+0.144
95%	+386	-69	+175	+5	-0.011	+0.84	+0.48	+1.48	-0.012	-0.065	-0.029	-0.024	-0.023	-0.130
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	91	139	176	101	139	176	176	176	101	101	101	101	101	101
Number of rams	18329	24671	28419	19174	24671	28419	28419	28419	19174	19174	19174	19174	19174	19174

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 October 2018

SIL GE # 35854

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%	+2850	+3021	+2979	+5037	+2922	+749	+671	+2237	+159	+1500	+340	+380	+530	+2281	+86	+515
10%	+2597	+2758	+2730	+4601	+2669	+657	+584	+2022	+20	+1341	+276	+335	+427	+1988	+70	+434
20%	+2292	+2439	+2428	+4072	+2362	+544	+479	+1763	-148	+1149	+197	+280	+302	+1632	+50	+335
30%	+2072	+2209	+2210	+3691	+2141	+463	+402	+1575	-269	+1011	+141	+241	+212	+1376	+36	+264
40%	+1884	+2013	+2024	+3365	+1952	+394	+337	+1415	-373	+893	+93	+208	+136	+1157	+24	+203
50%	+1708	+1829	+1850	+3061	+1776	+330	+277	+1266	-470	+782	+48	+176	+64	+952	+13	+146
60%	+1532	+1646	+1676	+2756	+1599	+265	+216	+1116	-567	+672	+2	+145	-8	+748	+2	+89
70%	+1344	+1449	+1491	+2431	+1410	+196	+151	+956	-671	+554	-46	+112	-85	+529	-10	+28
80%	+1123	+1219	+1273	+2050	+1189	+115	+75	+769	-792	+415	-102	+72	-175	+273	-24	-43
90%	+818	+901	+971	+1521	+882	+3	-30	+509	-961	+223	-181	+18	-299	-83	-44	-142
95%	+566	+637	+722	+1085	+629	-90	-118	+295	-1100	+65	-245	-27	-402	-376	-60	-223
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	101	39	27	30	235	240	274	157	274	154	159	40	36	37	68
Number of rams	79188	56402	18636	16974	19253	99152	97287	104297	82746	104297	63601	82655	18851	19313	20718	40219

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE October 2018

SIL GE# 35854

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	+0.028	+5.17	+2.96	+9.04	+2.38	-1.08	-0.874	+0.589	+0.204	+0.163	+0.233	+1.445	+0.653
10%	+0.29	+0.033	+0.024	+4.66	+2.67	+8.16	+2.09	-0.14	-0.732	+0.478	+0.166	+0.131	+0.190	+1.159	+0.576
20%	+0.24	+0.027	+0.018	+4.04	+2.32	+7.10	+1.73	+1.01	-0.559	+0.344	+0.120	+0.092	+0.138	+0.813	+0.483
30%	+0.20	+0.022	+0.015	+3.59	+2.07	+6.33	+1.48	+1.83	-0.434	+0.247	+0.086	+0.063	+0.101	+0.564	+0.416
50%	+0.14	+0.015	+0.008	+2.85	+1.65	+5.05	+1.06	+3.20	-0.228	+0.087	+0.032	+0.016	+0.039	+0.151	+0.305
70%	+0.08	+0.008	+0.002	+2.11	+1.23	+3.78	+0.63	+4.56	-0.022	-0.073	-0.023	-0.031	-0.023	-0.262	+0.194
80%	+0.04	+0.003	-0.002	+1.67	+0.98	+3.01	+0.38	+5.39	+0.103	-0.170	-0.057	-0.059	-0.060	-0.511	+0.126
90%	-0.01	-0.003	-0.007	+1.05	+0.63	+1.95	+0.02	+6.53	+0.276	-0.304	-0.103	-0.098	-0.112	-0.858	+0.033
95%	-0.06	-0.008	-0.011	+0.53	+0.34	+1.07	-0.27	+7.48	+0.418	-0.415	-0.141	-0.131	-0.155	-1.144	-0.044
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	235	240	240	274	274	274	274	157	154	154	154	154	154	154	159
Number of rams	99152	97287	97287	104297	104297	104297	104297	82746	63601	63601	63601	63601	63601	63601	82655

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE October 2018

SIL GE# 35854

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%	-32.5	-35.2	-52.2	+43.76	+1.10	-0.75	-0.67	-1.17	+0.28
10%	-25.3	-27.4	-44.4	+38.67	+0.88	-0.61	-0.54	-1.02	+0.24
20%	-16.6	-17.9	-34.9	+32.50	+0.62	-0.44	-0.39	-0.84	+0.18
30%	-10.2	-11.1	-28.1	+28.05	+0.43	-0.31	-0.28	-0.71	+0.14
50%	+0.2	+0.3	-16.9	+20.69	+0.12	-0.11	-0.10	-0.49	+0.08
70%	+10.6	+11.6	-5.6	+13.34	-0.19	+0.10	+0.08	-0.27	+0.02
80%	+17.0	+18.4	+1.2	+8.89	-0.38	+0.22	+0.19	-0.14	-0.02
90%	+25.7	+27.9	+10.6	+2.72	-0.64	+0.40	+0.34	+0.04	-0.07
95%	+33.0	+35.8	+18.4	-2.38	-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	71
Number of rams	18851	18851	18851	1627	1627	22133	22133	19313	41458

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

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