

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

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NZGE August 2020

SIL GE# 37656

Rams born in 2019

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%	+2149	+215	+1209	+823	+0.035	+6.24	+3.43	+11.00	-1.019	+0.761	+0.331	+0.117	+0.356	+2.153	+1.700
10%	+1960	+187	+1094	+739	+0.031	+5.65	+3.10	+9.94	-0.894	+0.661	+0.285	+0.102	+0.306	+1.951	+1.465
20%	+1731	+152	+955	+638	+0.025	+4.93	+2.70	+8.66	-0.742	+0.539	+0.229	+0.083	+0.245	+1.707	+1.181
30%	+1565	+127	+855	+566	+0.021	+4.41	+2.42	+7.74	-0.633	+0.452	+0.188	+0.070	+0.202	+1.531	+0.976
50%	+1292	+85	+689	+445	+0.014	+3.56	+1.94	+6.21	-0.452	+0.307	+0.122	+0.048	+0.130	+1.240	+0.638
70%	+1019	+44	+523	+325	+0.007	+2.71	+1.47	+4.68	-0.272	+0.162	+0.055	+0.025	+0.058	+0.949	+0.299
80%	+854	+19	+423	+252	+0.003	+2.19	+1.18	+3.76	-0.162	+0.075	+0.015	+0.012	0.000	0.000	+0.095
90%	+625	-16	+284	+152	-0.003	+1.47	+0.79	+2.48	-0.011	-0.047	-0.041	-0.007	-0.046	+0.528	-0.189
95%	+436	-45	+169	+68	-0.007	+0.88	+0.46	+1.42	+0.114	-0.147	-0.087	-0.022	-0.096	+0.327	-0.424
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	107	144	180	123	144	180	180	180	123	123	123	123	123	123	123
Number of rams	18596	21574	24367	19693	21574	24367	24367	24367	19693	19693	19693	19693	19693	19693	19693

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 August 2020

SIL GE # 37656

Rams born in

2019

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%	+3087	+3620	+3298	+5073	+3112	+736	+819	+2314	+142	+1620	+824	+381	+626	+2289	+85	+512
10%	+2824	+3315	+3033	+4670	+2830	+648	+723	+2089	+4	+1452	+706	+337	+498	+2012	+69	+433
20%	+2505	+2945	+2712	+4182	+2488	+543	+607	+1816	-163	+1248	+563	+283	+343	+1677	+49	+337
30%	+2276	+2678	+2481	+3831	+2242	+466	+523	+1619	-283	+1101	+459	+244	+231	+1435	+35	+268
40%	+2079	+2450	+2283	+3530	+2031	+401	+451	+1451	-386	+976	+371	+210	+136	+1229	+23	+209
50%	+1896	+2237	+2098	+3250	+1834	+340	+384	+1294	-482	+859	+289	+179	+46	+1036	+12	+154
60%	+1713	+2024	+1914	+2969	+1637	+279	+317	+1137	-579	+741	+206	+148	-43	+843	+1	+99
70%	+1516	+1796	+1716	+2668	+1427	+214	+245	+969	-681	+616	+118	+115	-138	+636	-11	+40
80%	+1287	+1529	+1485	+2317	+1180	+138	+161	+773	-802	+469	+14	+76	-250	+395	-25	-29
90%	+968	+1159	+1164	+1829	+839	+32	+45	+500	-969	+265	-129	+22	-405	+60	-45	-125
95%	+705	+854	+899	+1426	+556	-55	-51	+275	-1107	+97	-247	-23	-533	-217	-61	-204
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	132	102	40	27	29	233	257	283	179	179	170	156	46	32	37	71
Number of rams	68715	54280	21816	14590	16870	88464	94369	98120	78517	78517	63134	73436	23127	15414	18620	39283

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE August 2020

SIL GE# 37656

Rams born in

2019

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	+0.047	+0.031	+5.33	+2.94	+9.28	+2.69	-0.97	-0.608	+0.478	+0.223	+0.095	+0.248	+1.310	+1.176	+0.653
10%	+0.28	+0.041	+0.026	+4.80	+2.65	+8.37	+2.38	-0.03	-0.486	+0.388	+0.182	+0.079	+0.203	+1.129	+0.936	+0.577
20%	+0.23	+0.034	+0.021	+4.15	+2.30	+7.28	+1.99	+1.11	-0.337	+0.280	+0.133	+0.059	+0.149	+0.910	+0.646	+0.485
30%	+0.20	+0.030	+0.017	+3.69	+2.05	+6.49	+1.72	+1.93	-0.230	+0.202	+0.098	+0.045	+0.110	+0.752	+0.438	+0.419
50%	+0.14	+0.022	+0.011	+2.92	+1.63	+5.18	+1.26	+3.28	-0.052	+0.073	+0.040	+0.022	+0.046	+0.491	+0.092	+0.309
70%	+0.08	+0.014	+0.004	+2.15	+1.21	+3.87	+0.81	+4.64	+0.125	-0.057	-0.019	-0.001	-0.018	+0.229	-0.253	+0.199
80%	+0.05	+0.009	+0.000	+1.68	+0.96	+3.08	+0.53	+5.46	+0.232	-0.135	-0.054	-0.015	-0.057	+0.071	-0.462	+0.132
90%	+0.00	+0.002	-0.005	+1.04	+0.61	+1.98	+0.15	+6.59	+0.381	-0.243	-0.103	-0.035	-0.111	-0.148	-0.752	+0.040
95%	-0.04	-0.003	-0.010	+0.51	+0.32	+1.08	-0.17	+7.53	+0.504	-0.333	-0.143	-0.051	-0.156	-0.329	-0.991	-0.036
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	233	257	257	283	283	283	283	179	170	170	170	170	170	170	170	156
Number of rams	88464	94369	94369	98120	98120	98120	98120	78517	63134	63134	63134	63134	63134	63134	63134	73436

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE August 2020

SIL GE# 37656

Rams born in 2019

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%	-40.5	-42.1	-58.4	+44.15	+1.05	-0.75	-0.74	-1.18	+0.27
10%	-31.6	-32.5	-48.4	+39.23	+0.84	-0.61	-0.60	-1.03	+0.23
20%	-20.9	-20.9	-36.2	+33.29	+0.57	-0.44	-0.43	-0.86	+0.18
30%	-13.1	-12.5	-27.5	+29.00	+0.38	-0.32	-0.31	-0.74	+0.14
50%	-0.3	+1.3	-13.1	+21.91	+0.07	-0.12	-0.11	-0.53	+0.08
70%	+12.5	+15.2	+1.4	+14.82	-0.24	+0.08	+0.09	-0.33	+0.02
80%	+20.3	+23.5	+10.1	+10.54	-0.43	+0.20	+0.22	-0.20	-0.01
90%	+31.0	+35.1	+22.2	+4.59	-0.69	+0.37	+0.38	-0.03	-0.06
95%	+39.9	+44.7	+32.2	-0.32	-0.91	+0.51	+0.52	+0.11	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	43	43	32	75
Number of rams	23247	23247	23247	1292	1292	21438	21438	15414	40675

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

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