

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

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NZGE November 2020

SIL GE# 37837

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%	+2169	+220	+1184	+857	+0.036	+6.12	+3.36	+10.75	-1.121	+0.858	+0.391	+0.109	+0.378	+2.169	+1.625
10%	+1978	+190	+1071	+770	+0.031	+5.54	+3.03	+9.71	-0.985	+0.748	+0.338	+0.094	+0.326	+1.966	+1.395
20%	+1746	+154	+934	+664	+0.025	+4.83	+2.64	+8.45	-0.820	+0.614	+0.275	+0.076	+0.263	+1.719	+1.116
30%	+1579	+127	+835	+588	+0.021	+4.32	+2.36	+7.54	-0.701	+0.518	+0.229	+0.063	+0.218	+1.541	+0.914
50%	+1303	+84	+672	+462	+0.014	+3.48	+1.89	+6.04	-0.504	+0.358	+0.154	+0.041	+0.143	+1.247	+0.581
70%	+1027	+40	+508	+336	+0.007	+2.64	+1.42	+4.54	-0.307	+0.199	+0.078	+0.020	+0.067	+0.953	+0.248
80%	+860	+14	+410	+260	+0.002	+2.13	+1.14	+3.63	-0.188	+0.103	+0.033	+0.007	0.000	0.000	+0.047
90%	+628	-23	+273	+154	-0.004	+1.43	+0.75	+2.37	-0.023	-0.031	-0.031	-0.011	-0.041	+0.529	-0.232
95%	+437	-53	+160	+67	-0.009	+0.85	+0.42	+1.33	+0.113	-0.141	-0.083	-0.026	-0.093	+0.325	-0.463
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	110	148	188	125	148	188	188	188	125	125	125	125	125	125	125
Number of rams	19758	23513	27225	21014	23513	27225	27225	27225	21014	21014	21014	21014	21014	21014	21014

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 November 2020

SIL GE # 37837

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%	+3035	+3564	+3237	+4813	+3097	+729	+812	+2291	+160	+1621	+868	+343	+613	+2163	+87	+514
10%	+2772	+3258	+2974	+4420	+2811	+641	+717	+2067	+20	+1450	+742	+298	+483	+1881	+70	+434
20%	+2453	+2886	+2655	+3944	+2465	+534	+602	+1797	-150	+1244	+589	+245	+326	+1538	+50	+337
30%	+2223	+2618	+2426	+3601	+2215	+457	+520	+1602	-272	+1095	+479	+206	+213	+1291	+35	+267
40%	+2027	+2390	+2230	+3307	+2002	+391	+449	+1436	-377	+968	+384	+173	+116	+1080	+22	+207
50%	+1843	+2176	+2046	+3033	+1803	+329	+383	+1280	-474	+849	+296	+142	+25	+883	+11	+151
60%	+1660	+1962	+1863	+2759	+1603	+268	+316	+1125	-572	+731	+208	+111	-65	+686	-1	+95
70%	+1463	+1733	+1667	+2466	+1390	+202	+246	+958	-677	+603	+114	+78	-162	+475	-14	+36
80%	+1234	+1466	+1437	+2123	+1140	+124	+163	+763	-799	+455	+3	+40	-275	+228	-29	-34
90%	+915	+1094	+1119	+1647	+794	+17	+48	+493	-969	+248	-150	-14	-432	-115	-49	-131
95%	+652	+788	+856	+1254	+508	-71	-47	+270	-1109	+78	-276	-58	-562	-398	-66	-211
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	134	104	40	32	30	238	259	285	184	184	174	168	46	37	38	72
Number of rams	70207	56056	21833	18293	17056	92964	96412	101100	81281	81281	65419	79987	23145	19113	18805	40213

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE November 2020

SIL GE# 37837

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	+0.046	+0.031	+5.29	+2.91	+9.21	+2.66	-1.09	-0.696	+0.582	+0.276	+0.088	+0.272	+1.361	+1.186	+0.522
10%	+0.28	+0.041	+0.026	+4.76	+2.62	+8.31	+2.35	-0.14	-0.553	+0.469	+0.224	+0.073	+0.221	+1.173	+0.949	+0.454
20%	+0.23	+0.034	+0.021	+4.12	+2.28	+7.21	+1.97	+1.02	-0.379	+0.331	+0.161	+0.055	+0.160	+0.947	+0.663	+0.372
30%	+0.19	+0.030	+0.017	+3.66	+2.02	+6.42	+1.70	+1.85	-0.254	+0.232	+0.115	+0.042	+0.116	+0.783	+0.456	+0.312
50%	+0.14	+0.022	+0.011	+2.90	+1.61	+5.12	+1.25	+3.23	-0.047	+0.068	+0.040	+0.020	+0.043	+0.513	+0.114	+0.214
70%	+0.08	+0.014	+0.004	+2.14	+1.20	+3.81	+0.80	+4.60	+0.160	-0.095	-0.036	-0.001	-0.030	+0.243	-0.228	+0.116
80%	+0.04	+0.009	+0.000	+1.68	+0.94	+3.02	+0.52	+5.43	+0.285	-0.195	-0.082	-0.014	-0.074	+0.079	-0.435	+0.056
90%	-0.00	+0.002	-0.005	+1.04	+0.60	+1.93	+0.14	+6.59	+0.459	-0.332	-0.145	-0.032	-0.135	-0.148	-0.722	-0.027
95%	-0.04	-0.003	-0.010	+0.51	+0.31	+1.03	-0.17	+7.54	+0.602	-0.445	-0.197	-0.047	-0.186	-0.335	-0.958	-0.095
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	238	259	259	285	285	285	285	184	174	174	174	174	174	174	174	168
Number of rams	92964	96412	96412	101100	101100	101100	101100	81281	65419	65419	65419	65419	65419	65419	65419	79987

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE November 2020

SIL GE# 37837

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%	-39.6	-40.8	-57.9	+43.59	+1.13	-0.76	-0.74	-1.11	+0.27
10%	-30.5	-31.2	-47.7	+38.68	+0.91	-0.62	-0.60	-0.97	+0.23
20%	-19.6	-19.5	-35.3	+32.74	+0.63	-0.44	-0.43	-0.79	+0.18
30%	-11.8	-11.2	-26.4	+28.46	+0.43	-0.31	-0.30	-0.66	+0.14
50%	+1.3	+2.7	-11.7	+21.38	+0.11	-0.10	-0.10	-0.45	+0.08
70%	+14.3	+16.6	+3.1	+14.30	-0.22	+0.11	+0.11	-0.24	+0.02
80%	+22.1	+24.9	+12.0	+10.02	-0.42	+0.23	+0.23	-0.12	-0.02
90%	+33.1	+36.6	+24.4	+4.08	-0.70	+0.41	+0.40	+0.06	-0.07
95%	+42.1	+46.2	+34.6	-0.82	-0.92	+0.55	+0.55	+0.20	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	47	47	47	4	4	44	44	37	76
Number of rams	23265	23265	23265	1290	1290	21598	21598	19113	41579

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

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