

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

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NZGE December 2021

SIL GE# 38849

Rams born in

2020

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%	+2129	+225	+1170	+834	+0.037	+5.98	+3.34	+10.58	-1.104	+0.859	+0.376	+0.102	+0.378	+2.088	+1.796
10%	+1935	+194	+1058	+748	+0.032	+5.42	+3.01	+9.55	-0.965	+0.748	+0.325	+0.088	+0.326	+1.894	+1.545
20%	+1700	+156	+922	+644	+0.026	+4.73	+2.62	+8.29	-0.796	+0.614	+0.264	+0.070	+0.263	+1.659	+1.243
30%	+1531	+129	+825	+570	+0.021	+4.24	+2.34	+7.39	-0.675	+0.516	+0.220	+0.057	+0.218	+1.489	+1.024
50%	+1251	+84	+663	+446	+0.014	+3.43	+1.87	+5.90	-0.474	+0.356	+0.147	+0.037	+0.144	+1.209	+0.663
70%	+971	+39	+502	+322	+0.007	+2.61	+1.40	+4.41	-0.273	+0.196	+0.074	+0.016	+0.069	+0.929	+0.302
80%	+802	+12	+404	+247	+0.002	+2.12	+1.12	+3.50	-0.152	+0.098	+0.030	+0.003	+0.024	+0.760	+0.083
90%	+567	-25	+268	+144	-0.004	+1.44	+0.73	+2.25	+0.017	-0.036	-0.031	-0.015	-0.039	+0.525	-0.219
95%	+373	-56	+156	+58	-0.009	+0.87	+0.40	+1.22	+0.156	-0.147	-0.082	-0.029	-0.090	+0.331	-0.470
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	118	144	181	134	144	181	181	181	134	134	134	134	134	134	134
Number of rams	20970	22850	26961	22562	22850	26961	26961	26961	22562	22562	22562	22562	22562	22562	22562

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 2021

SIL GE # 38849

Rams born in 2020

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%	+3219	+3766	+3640	+5017	+3212	+763	+981	+2277	+156	+1640	+889	+343	+602	+2123	+78	+546	
10%	+2934	+3429	+3342	+4621	+2914	+671	+866	+2061	+14	+1469	+756	+299	+478	+1860	+62	+461	
20%	+2588	+3021	+2981	+4142	+2553	+559	+726	+1799	-158	+1262	+595	+244	+329	+1542	+41	+358	
30%	+2339	+2726	+2721	+3796	+2292	+478	+625	+1611	-282	+1113	+479	+205	+222	+1313	+26	+283	
40%	+2126	+2475	+2499	+3501	+2070	+409	+538	+1449	-388	+985	+380	+172	+130	+1117	+14	+220	
50%	+1927	+2240	+2292	+3225	+1862	+345	+458	+1299	-487	+866	+287	+141	+44	+934	+2	+161	
60%	+1728	+2005	+2084	+2949	+1654	+280	+377	+1148	-586	+747	+194	+110	-42	+751	-10	+101	
70%	+1515	+1753	+1862	+2654	+1432	+212	+291	+987	-692	+619	+95	+76	-134	+555	-22	+38	
80%	+1265	+1459	+1602	+2308	+1171	+131	+190	+798	-817	+470	-21	+37	-242	+325	-37	-36	
90%	+920	+1050	+1241	+1829	+810	+19	+50	+536	-989	+263	-182	-17	-391	+7	-57	-139	
95%	+634	+713	+944	+1433	+512	-73	-66	+320	-1131	+92	-315	-62	-514	-255	-74	-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	131	105	45	33	49	242	260	291	187	187	175	157	53	39	57	81	
Number of rams	69763	56192	24190	20163	33121	89841	92052	96622	78856	78856	65959	75754	25587	21815	34380	38728	

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE December 2021

SIL GE# 38849

Rams born in

2020

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%	+0.33	+0.059	+0.034	+5.20	+2.87	+9.10	+2.83	-1.06	-0.709	+0.586	+0.271	+0.086	+0.273	+1.402	+1.300	+0.525
10%	+0.29	+0.052	+0.029	+4.69	+2.60	+8.22	+2.51	-0.10	-0.556	+0.469	+0.219	+0.071	+0.221	+1.206	+1.037	+0.456
20%	+0.24	+0.043	+0.023	+4.06	+2.26	+7.16	+2.13	+1.07	-0.372	+0.328	+0.156	+0.052	+0.158	+0.967	+0.717	+0.372
30%	+0.20	+0.037	+0.019	+3.61	+2.02	+6.39	+1.85	+1.92	-0.238	+0.225	+0.110	+0.038	+0.112	+0.796	+0.486	+0.312
50%	+0.14	+0.026	+0.012	+2.86	+1.62	+5.12	+1.40	+3.31	-0.018	+0.057	+0.035	+0.016	+0.037	+0.512	+0.106	+0.213
70%	+0.08	+0.015	+0.006	+2.11	+1.21	+3.85	+0.94	+4.71	+0.202	-0.112	-0.040	-0.006	-0.039	+0.228	-0.275	+0.113
80%	+0.05	+0.009	+0.001	+1.66	+0.97	+3.08	+0.66	+5.56	+0.335	-0.214	-0.086	-0.020	-0.084	+0.056	-0.506	+0.053
90%	-0.00	+0.000	-0.004	+1.04	+0.63	+2.01	+0.28	+6.73	+0.520	-0.356	-0.149	-0.038	-0.147	-0.182	-0.826	-0.031
95%	-0.05	-0.007	-0.009	+0.52	+0.36	+1.13	-0.04	+7.69	+0.672	-0.473	-0.201	-0.054	-0.200	-0.378	-1.089	-0.100
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	242	260	260	291	291	291	291	187	175	175	175	175	175	175	175	157
Number of rams	89841	92052	92052	96622	96622	96622	96622	78856	65959	65959	65959	65959	65959	65959	65959	75754

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE December 2021

SIL GE# 38849

Rams born in

2020

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%	-38.2	-40.6	-58.3	+51.63	+0.82	-0.68	-0.70	-1.09	+0.29
10%	-29.6	-31.4	-48.5	+45.24	+0.61	-0.54	-0.55	-0.96	+0.24
20%	-19.3	-20.1	-36.5	+37.50	+0.36	-0.37	-0.37	-0.79	+0.19
30%	-11.8	-12.0	-27.9	+31.92	+0.17	-0.24	-0.24	-0.67	+0.15
50%	+0.5	+1.4	-13.7	+22.70	-0.13	-0.03	-0.03	-0.48	+0.09
70%	+12.8	+14.9	+0.5	+13.48	-0.43	+0.17	+0.19	-0.28	+0.02
80%	+20.3	+23.0	+9.1	+7.90	-0.61	+0.30	+0.32	-0.17	-0.02
90%	+30.6	+34.2	+21.1	+0.16	-0.86	+0.47	+0.50	-0.00	-0.07
95%	+39.2	+43.5	+30.9	-6.23	-1.07	+0.62	+0.64	+0.13	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	63	63	39	83
Number of rams	25694	25694	25694	911	911	36987	36987	21815	39639

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

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