

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

NZGE May 2023

SIL GE# 40541

Young rams

2021

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	LNLV	HQLV	CWV	EMAc ¹
5%	+2549	+276	+1427	+930	+0.033	+6.02	+3.31	+10.45	-1.125	+0.830	+0.362	+0.094	+0.361	+2.188	+1.676
10%	+2307	+235	+1282	+830	+0.028	+5.41	+2.97	+9.38	-0.974	+0.716	+0.311	+0.079	+0.309	+1.973	+1.426
20%	+2013	+186	+1108	+707	+0.022	+4.68	+2.56	+8.08	-0.791	+0.578	+0.249	+0.062	+0.247	+1.713	+1.123
30%	+1801	+150	+982	+619	+0.018	+4.16	+2.26	+7.14	-0.660	+0.479	+0.204	+0.050	+0.202	+1.526	+0.904
50%	+1451	+91	+773	+474	+0.011	+3.28	+1.77	+5.59	-0.442	+0.315	+0.130	+0.029	+0.127	+1.216	+0.543
70%	+1101	+32	+565	+328	+0.004	+2.41	+1.28	+4.05	-0.224	+0.150	+0.056	+0.009	+0.052	+0.906	+0.181
80%	+890	-4	+439	+240	-0.000	+1.88	+0.99	+3.11	-0.092	+0.051	+0.012	-0.004	+0.007	+0.719	-0.038
90%	+596	-53	+264	+118	-0.006	+1.15	+0.58	+1.81	+0.090	-0.087	-0.050	-0.021	-0.055	+0.459	-0.341
95%	+354	-94	+120	+17	-0.011	+0.55	+0.24	+0.74	+0.241	-0.201	-0.102	-0.035	-0.107	+0.244	-0.591
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	87	139	175	103	139	175	175	175	103	103	103	103	103	103	103
Number of sires	18548	25400	29712	20672	25400	29712	29712	29712	20672	20672	20672	20672	20672	20672	20672

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 Rams Percentile Bands

NZGE May 2023

SIL GE # 40541

Young rams

2021

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3146	+3273	+3641	+3514	+5025	+3173	+835	+1150	+2395	+214	+1741	+866	+205	+739	+2281	+87	+970
10%	+2886	+3016	+3330	+3205	+4633	+2903	+737	+1008	+2164	+60	+1559	+732	+178	+591	+2011	+68	+819
20%	+2571	+2705	+2952	+2831	+4159	+2577	+619	+838	+1884	-125	+1339	+570	+145	+412	+1684	+44	+636
30%	+2344	+2481	+2680	+2561	+3817	+2341	+533	+714	+1682	-259	+1180	+454	+121	+284	+1448	+27	+504
40%	+2150	+2289	+2448	+2331	+3525	+2140	+460	+609	+1509	-374	+1044	+354	+100	+174	+1246	+13	+392
50%	+1968	+2110	+2231	+2115	+3252	+1951	+392	+511	+1348	-481	+917	+260	+81	+71	+1058	-1	+286
60%	+1787	+1931	+2013	+1900	+2978	+1763	+323	+413	+1187	-588	+790	+167	+62	-32	+870	-15	+181
70%	+1593	+1739	+1781	+1669	+2686	+1562	+250	+307	+1014	-702	+654	+67	+41	-142	+668	-29	+68
80%	+1366	+1514	+1509	+1399	+2344	+1326	+165	+184	+813	-836	+496	-50	+17	-271	+432	-46	-64
90%	+1051	+1203	+1132	+1025	+1870	+999	+46	+13	+533	-1022	+275	-212	-16	-450	+105	-70	-247
95%	+791	+946	+820	+716	+1478	+730	-52	-128	+301	-1175	+93	-345	-44	-597	-165	-89	-398
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Meat Yield	Reproduction, Lamb Growth, Adult size, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, 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	133	99	95	58	25	68	201	240	261	157	149	135	118	65	27	80	70
Number of sires	70436	57238	52874	29824	16071	44282	89991	97709	102369	79264	75031	62529	63310	31714	17218	49271	39110

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE May 2023

SIL GE # 40541

Young Rams

2021

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3273	+3765	+3632	+5072	+3675	+3287	+4016	+5302	+3732	+5514
10%	+3016	+3457	+3320	+4718	+3379	+3027	+3665	+4928	+3423	+5101
20%	+2705	+3084	+2942	+4290	+3019	+2712	+3241	+4474	+3048	+4601
30%	+2481	+2815	+2670	+3981	+2760	+2484	+2935	+4148	+2779	+4240
40%	+2289	+2586	+2437	+3716	+2539	+2290	+2674	+3868	+2548	+3932
50%	+2110	+2371	+2220	+3470	+2332	+2109	+2430	+3607	+2332	+3644
60%	+1931	+2156	+2002	+3223	+2125	+1927	+2185	+3346	+2117	+3355
70%	+1739	+1926	+1770	+2959	+1904	+1733	+1924	+3067	+1886	+3047
80%	+1514	+1657	+1498	+2650	+1645	+1506	+1618	+2740	+1617	+2686
90%	+1203	+1284	+1120	+2221	+1286	+1191	+1194	+2286	+1242	+2186
95%	+946	+976	+808	+1867	+989	+930	+843	+1912	+933	+1773
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, Lamb Survival, Lamb Growth, Adult size, Wool, Body Condition	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Facial Eczema	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Dag	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	99	77	50	23	50	56	40	22	48	22
Number of sires	57238	46946	26379	15158	33052	38621	22872	14880	34908	14880

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE May 2023

SIL GE# 40541

Young rams

2021

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	+0.047	+0.034	+5.09	+2.77	+8.83	+2.77	-1.35	-0.671	+0.559	+0.264	+0.088	+0.267	+1.336	+1.256	+0.569
10%	+0.29	+0.042	+0.029	+4.58	+2.49	+7.95	+2.45	-0.38	-0.526	+0.447	+0.213	+0.073	+0.216	+1.138	+1.000	+0.493
20%	+0.24	+0.035	+0.023	+3.96	+2.16	+6.89	+2.06	+0.79	-0.351	+0.310	+0.150	+0.054	+0.155	+0.899	+0.689	+0.400
30%	+0.21	+0.030	+0.018	+3.51	+1.92	+6.12	+1.78	+1.64	-0.225	+0.212	+0.105	+0.041	+0.111	+0.726	+0.466	+0.332
50%	+0.15	+0.022	+0.011	+2.77	+1.53	+4.85	+1.31	+3.04	-0.017	+0.050	+0.031	+0.020	+0.038	+0.440	+0.096	+0.221
70%	+0.09	+0.014	+0.003	+2.03	+1.13	+3.58	+0.85	+4.44	+0.191	-0.112	-0.044	-0.002	-0.035	+0.154	-0.274	+0.110
80%	+0.05	+0.009	-0.002	+1.58	+0.90	+2.82	+0.57	+5.29	+0.317	-0.211	-0.089	-0.015	-0.080	-0.019	-0.497	+0.043
90%	+0.00	+0.002	-0.008	+0.96	+0.56	+1.75	+0.18	+6.47	+0.492	-0.347	-0.152	-0.033	-0.141	-0.259	-0.807	-0.050
95%	-0.04	-0.003	-0.013	+0.45	+0.29	+0.88	-0.14	+7.44	+0.636	-0.459	-0.203	-0.048	-0.191	-0.457	-1.064	-0.127
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	201	240	240	261	261	261	261	157	135	135	135	135	135	135	135	118
Number of sires	89991	97709	97709	102369	102369	102369	102369	79264	62529	62529	62529	62529	62529	62529	62529	63310

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE May 2023

SIL GE# 40541

Young rams

2021

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%	-36.6	-37.2	-56.0	+27.68	+1.33	-0.65	-0.81	-1.02	+0.29
10%	-28.8	-29.0	-46.2	+23.07	+1.10	-0.50	-0.64	-0.90	+0.25
20%	-19.4	-19.0	-34.5	+17.50	+0.82	-0.33	-0.43	-0.76	+0.19
30%	-12.6	-11.8	-26.0	+13.47	+0.63	-0.20	-0.27	-0.65	+0.15
50%	-1.3	+0.1	-11.9	+6.82	+0.30	+0.01	-0.02	-0.47	+0.09
70%	+9.9	+12.0	+2.1	+0.17	-0.03	+0.22	+0.23	-0.30	+0.02
80%	+16.7	+19.2	+10.6	-3.85	-0.23	+0.35	+0.38	-0.19	-0.02
90%	+26.2	+29.2	+22.4	-9.43	-0.50	+0.52	+0.59	-0.05	-0.07
95%	+34.0	+37.5	+32.2	-14.04	-0.73	+0.67	+0.77	+0.07	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	66	66	66	6	6	90	90	27	71
Number of sires	31883	31883	31883	7361	7361	52954	52954	17218	39280

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

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