

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

NZGE July 2023

SIL GE# 40654

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	HQLY	CWY	EMAc ¹
5%	+2545	+273	+1416	+937	+0.033	+5.97	+3.29	+10.37	-1.087	+0.864	+0.388	+0.093	+0.374	+2.185	+1.670
10%	+2302	+232	+1273	+836	+0.028	+5.37	+2.95	+9.30	-0.940	+0.748	+0.335	+0.079	+0.322	+1.970	+1.419
20%	+2008	+183	+1099	+714	+0.022	+4.64	+2.54	+8.01	-0.763	+0.607	+0.271	+0.062	+0.259	+1.711	+1.115
30%	+1796	+147	+974	+625	+0.018	+4.11	+2.25	+7.08	-0.634	+0.506	+0.225	+0.049	+0.213	+1.524	+0.896
50%	+1445	+88	+767	+479	+0.011	+3.25	+1.76	+5.54	-0.423	+0.339	+0.148	+0.029	+0.138	+1.214	+0.534
70%	+1095	+29	+559	+333	+0.004	+2.38	+1.27	+4.00	-0.211	+0.171	+0.072	+0.009	+0.062	+0.905	+0.172
80%	+883	-6	+434	+244	-0.001	+1.85	+0.98	+3.07	-0.082	+0.070	+0.025	-0.004	+0.017	+0.718	-0.047
90%	+588	-56	+260	+122	-0.007	+1.13	+0.57	+1.78	+0.095	-0.070	-0.039	-0.021	-0.047	+0.459	-0.351
95%	+346	-96	+117	+20	-0.012	+0.52	+0.23	+0.71	+0.242	-0.186	-0.092	-0.035	-0.099	+0.244	-0.602
Traits in index or units	Lamb Survival, Lamb Growth th, Meat Yield	Lamb Survival	Lamb Growth th	Meat Yield	x100 =%	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	kg lean	sq. cm
Number of connected flocks	91	141	181	108	141	181	181	181	108	108	108	108	108	108	108
Number of sires	18882	25580	30570	21122	25580	30570	30570	30570	21122	21122	21122	21122	21122	21122	21122

¹ These 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 July 2023

SIL GE # 40654

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%	+3180	+3329	+3701	+3566	+5150	+3220	+834	+1150	+2387	+232	+1755	+883	+204	+730	+2265	+87	+957
10%	+2908	+3057	+3372	+3225	+4699	+2936	+736	+1008	+2157	+79	+1570	+747	+177	+585	+1996	+68	+803
20%	+2578	+2727	+2974	+2813	+4154	+2591	+616	+837	+1878	-105	+1345	+582	+144	+409	+1669	+45	+617
30%	+2340	+2489	+2688	+2516	+3760	+2343	+529	+713	+1677	-238	+1183	+463	+120	+282	+1434	+28	+482
40%	+2137	+2286	+2442	+2263	+3424	+2131	+456	+608	+1505	-352	+1044	+362	+100	+173	+1233	+13	+368
50%	+1947	+2096	+2213	+2025	+3110	+1932	+387	+509	+1345	-458	+915	+267	+81	+72	+1046	-0	+260
60%	+1757	+1906	+1984	+1788	+2795	+1734	+318	+410	+1184	-565	+785	+172	+63	-30	+858	-14	+153
70%	+1554	+1703	+1739	+1534	+2459	+1522	+244	+305	+1012	-678	+646	+71	+42	-138	+657	-28	+38
80%	+1316	+1465	+1452	+1237	+2066	+1273	+157	+181	+812	-811	+484	-48	+19	-265	+422	-45	-96
90%	+986	+1135	+1055	+825	+1520	+929	+38	+10	+533	-996	+259	-213	-14	-441	+96	-69	-282
95%	+714	+863	+726	+485	+1070	+644	-61	-131	+303	-1148	+74	-349	-41	-587	-173	-88	-436
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	138	100	98	62	26	69	206	242	264	165	157	140	118	70	27	80	76
Number of sires	73066	58266	54762	32478	17161	45369	91481	97584	102246	82916	78683	63632	63244	33484	17224	49272	42035

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE July 2023

SIL GE # 40654

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%	+3329	+3833	+3719	+5276	+3760	+3352	+4106	+5528	+3797	+5750
10%	+3057	+3503	+3380	+4841	+3433	+3072	+3722	+5062	+3463	+5246
20%	+2727	+3104	+2971	+4314	+3037	+2732	+3258	+4497	+3059	+4636
30%	+2489	+2817	+2675	+3934	+2751	+2488	+2923	+4089	+2767	+4195
40%	+2286	+2571	+2423	+3609	+2507	+2279	+2637	+3741	+2518	+3819
50%	+2096	+2341	+2187	+3305	+2279	+2083	+2369	+3416	+2285	+3468
60%	+1906	+2111	+1951	+3002	+2051	+1888	+2102	+3090	+2052	+3116
70%	+1703	+1866	+1699	+2677	+1807	+1679	+1815	+2742	+1802	+2740
80%	+1465	+1578	+1403	+2297	+1521	+1434	+1480	+2335	+1511	+2300
90%	+1135	+1179	+994	+1770	+1125	+1095	+1016	+1770	+1106	+1689
95%	+863	+850	+655	+1334	+798	+814	+632	+1303	+772	+1185
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	100	79	51	24	51	57	41	23	49	23
Number of sires	58266	48121	27462	16248	34131	39708	23955	15970	35995	15970

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE July 2023

SIL GE# 40654

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	+5.07	+2.76	+8.78	+2.77	-1.47	-0.664	+0.558	+0.265	+0.089	+0.265	+1.343	+1.259	+0.566
10%	+0.29	+0.042	+0.029	+4.56	+2.48	+7.91	+2.45	-0.50	-0.524	+0.447	+0.214	+0.074	+0.216	+1.145	+1.003	+0.491
20%	+0.24	+0.035	+0.023	+3.94	+2.15	+6.85	+2.06	+0.67	-0.354	+0.314	+0.152	+0.056	+0.156	+0.904	+0.692	+0.399
30%	+0.20	+0.030	+0.018	+3.49	+1.92	+6.08	+1.78	+1.51	-0.232	+0.218	+0.108	+0.042	+0.113	+0.731	+0.468	+0.333
50%	+0.14	+0.022	+0.011	+2.76	+1.52	+4.82	+1.32	+2.90	-0.030	+0.058	+0.034	+0.021	+0.042	+0.445	+0.098	+0.223
70%	+0.08	+0.014	+0.003	+2.02	+1.13	+3.55	+0.86	+4.29	+0.173	-0.101	-0.040	-0.001	-0.030	+0.158	-0.272	+0.114
80%	+0.05	+0.009	-0.002	+1.57	+0.89	+2.79	+0.58	+5.13	+0.295	-0.197	-0.085	-0.014	-0.073	-0.015	-0.496	+0.048
90%	-0.00	+0.002	-0.008	+0.95	+0.56	+1.73	+0.19	+6.30	+0.465	-0.331	-0.147	-0.033	-0.133	-0.255	-0.806	-0.044
95%	-0.04	-0.004	-0.013	+0.44	+0.29	+0.85	-0.13	+7.27	+0.605	-0.441	-0.198	-0.048	-0.182	-0.454	-1.063	-0.119
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	206	242	242	264	264	264	264	165	140	140	140	140	140	140	140	118
Number of sires	91481	97584	97584	102246	102246	102246	102246	82916	63632	63632	63632	63632	63632	63632	63632	63244

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE July 2023

SIL GE# 40654

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%	-36.0	-37.1	-55.1	+27.66	+1.32	-0.66	-0.81	-1.02	+0.29
10%	-28.4	-28.9	-45.5	+23.05	+1.10	-0.51	-0.63	-0.90	+0.24
20%	-19.2	-18.9	-33.9	+17.48	+0.82	-0.33	-0.42	-0.75	+0.19
30%	-12.6	-11.8	-25.5	+13.46	+0.63	-0.21	-0.27	-0.64	+0.15
50%	-1.6	+0.1	-11.7	+6.81	+0.30	+0.00	-0.02	-0.47	+0.08
70%	+9.3	+12.0	+2.2	+0.17	-0.03	+0.22	+0.22	-0.29	+0.01
80%	+15.9	+19.2	+10.6	-3.85	-0.22	+0.34	+0.38	-0.19	-0.03
90%	+25.1	+29.2	+22.2	-9.43	-0.50	+0.52	+0.58	-0.04	-0.09
95%	+32.7	+37.4	+31.8	-14.03	-0.72	+0.67	+0.76	+0.08	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	71	71	71	6	6	90	90	27	77
Number of sires	33653	33653	33653	7360	7360	52956	52956	17224	42205

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

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