

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE June 2024

SIL GE# 41654

Young rams

2022

Threshold to be in top X%	NZTW	NZGE Terminal Sire Sub-indexes			NZGE Terminal Sire - estimated Breeding Values (gBV)										
		TSS	TSG	TSM	SUR	VWT	CWT	LW8 ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
5%	+2524	+299	+1414	+888	+0.036	+5.90	+3.30	+10.40	-1.010	+0.728	+0.314	+0.100	+0.338	+2.159	+1.694
10%	+2277	+257	+1271	+790	+0.031	+5.31	+2.96	+9.33	-0.871	+0.626	+0.269	+0.085	+0.289	+1.943	+1.438
20%	+1977	+207	+1097	+673	+0.025	+4.59	+2.55	+8.02	-0.701	+0.504	+0.214	+0.067	+0.229	+1.681	+1.129
30%	+1762	+171	+971	+588	+0.020	+4.08	+2.25	+7.08	-0.580	+0.415	+0.174	+0.054	+0.185	+1.492	+0.906
50%	+1405	+111	+764	+448	+0.013	+3.22	+1.76	+5.53	-0.378	+0.269	+0.109	+0.033	+0.114	+1.179	+0.537
70%	+1049	+51	+557	+308	+0.006	+2.37	+1.27	+3.97	-0.176	+0.123	+0.043	+0.012	+0.042	+0.867	+0.168
80%	+833	+14	+431	+223	+0.002	+1.85	+0.97	+3.03	-0.054	+0.035	+0.004	-0.001	-0.001	+0.678	-0.055
90%	+534	-36	+257	+105	-0.004	+1.14	+0.56	+1.73	+0.115	-0.088	-0.051	-0.019	-0.061	+0.416	-0.364
95%	+287	-77	+114	+8	-0.009	+0.54	+0.22	+0.65	+0.255	-0.189	-0.096	-0.034	-0.110	+0.200	-0.620
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	150	194	130	150	194	194	194	130	130	130	130	130	130	130
Number of young rams	21974	27104	31688	24577	27104	31688	31688	31688	24577	24577	24577	24577	24577	24577	24577

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 June 2024

SIL GE # 41654

Young rams

2022

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%	+3248	+3443	+3818	+3619	+5258	+3286	+830	+1124	+2433	+247	+1816	+858	+204	+748	+2327	+87	+995
10%	+2961	+3155	+3469	+3279	+4742	+2999	+736	+990	+2199	+91	+1624	+732	+177	+608	+2030	+67	+839
20%	+2613	+2805	+3045	+2866	+4118	+2652	+622	+829	+1915	-97	+1391	+580	+143	+438	+1670	+44	+649
30%	+2363	+2553	+2740	+2568	+3668	+2401	+541	+712	+1711	-233	+1223	+470	+119	+315	+1411	+28	+513
40%	+2149	+2338	+2479	+2314	+3283	+2187	+471	+612	+1536	-349	+1080	+376	+99	+211	+1189	+13	+396
50%	+1948	+2137	+2236	+2076	+2924	+1987	+405	+519	+1373	-458	+945	+288	+80	+113	+981	+0	+287
60%	+1748	+1936	+1992	+1839	+2564	+1787	+340	+426	+1210	-566	+811	+200	+61	+15	+774	-13	+178
70%	+1534	+1721	+1731	+1584	+2180	+1572	+270	+326	+1035	-682	+668	+106	+40	-89	+552	-28	+61
80%	+1284	+1469	+1426	+1287	+1730	+1322	+188	+210	+830	-818	+500	-4	+16	-212	+293	-44	-76
90%	+936	+1119	+1003	+874	+1105	+974	+74	+48	+547	-1007	+267	-157	-17	-382	-67	-67	-266
95%	+649	+831	+653	+533	+590	+687	-19	-85	+313	-1162	+74	-283	-45	-522	-365	-86	-422
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	144	90	101	64	28	73	202	231	260	165	162	141	107	69	30	88	79
Number of young rams	73630	53088	54546	30885	18849	43262	86249	92988	98013	80004	78211	63581	56691	31705	19147	47827	39612

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE June 2024

SIL GE # 41654

Young Rams

2022

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%	+3443	+3995	+3806	+5484	+3959	+3428	+4229	+5765	+3913	+5997
10%	+3155	+3657	+3469	+4968	+3619	+3146	+3852	+5259	+3578	+5460
20%	+2805	+3249	+3062	+4343	+3208	+2803	+3396	+4646	+3172	+4808
30%	+2553	+2954	+2768	+3893	+2911	+2556	+3067	+4204	+2879	+4338
40%	+2338	+2703	+2517	+3508	+2657	+2345	+2786	+3827	+2629	+3937
50%	+2137	+2467	+2283	+3148	+2420	+2148	+2523	+3474	+2396	+3562
60%	+1936	+2232	+2048	+2788	+2183	+1951	+2260	+3121	+2162	+3187
70%	+1721	+1980	+1797	+2403	+1930	+1740	+1979	+2743	+1912	+2785
80%	+1469	+1686	+1504	+1952	+1633	+1493	+1650	+2302	+1619	+2316
90%	+1119	+1277	+1096	+1327	+1221	+1150	+1194	+1689	+1213	+1664
95%	+831	+940	+760	+811	+882	+868	+817	+1183	+878	+1126
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	90	69	47	24	50	53	39	22	46	22
Number of young rams	53088	42677	23515	16363	30463	35997	21061	15207	32664	15207

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE June 2024

SIL GE# 41654

Young rams

2022

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	+5.08	+2.82	+8.83	+2.88	-1.56	-0.623	+0.460	+0.215	+0.092	+0.243	+1.369	+1.299	+0.567
10%	+0.29	+0.041	+0.029	+4.56	+2.54	+7.94	+2.56	-0.58	-0.495	+0.372	+0.176	+0.076	+0.199	+1.173	+1.037	+0.490
20%	+0.24	+0.035	+0.023	+3.94	+2.20	+6.88	+2.17	+0.62	-0.339	+0.267	+0.128	+0.057	+0.147	+0.935	+0.719	+0.397
30%	+0.21	+0.030	+0.018	+3.49	+1.96	+6.11	+1.89	+1.48	-0.227	+0.190	+0.093	+0.044	+0.109	+0.763	+0.490	+0.330
50%	+0.15	+0.022	+0.011	+2.74	+1.56	+4.83	+1.42	+2.90	-0.041	+0.064	+0.036	+0.021	+0.046	+0.479	+0.111	+0.218
70%	+0.09	+0.014	+0.004	+2.00	+1.15	+3.56	+0.96	+4.32	+0.145	-0.062	-0.020	-0.002	-0.017	+0.196	-0.267	+0.107
80%	+0.06	+0.010	-0.001	+1.55	+0.91	+2.79	+0.68	+5.18	+0.257	-0.138	-0.055	-0.016	-0.055	+0.024	-0.496	+0.040
90%	+0.01	+0.003	-0.007	+0.93	+0.57	+1.72	+0.29	+6.37	+0.413	-0.244	-0.103	-0.035	-0.107	-0.214	-0.814	-0.053
95%	-0.03	-0.003	-0.012	+0.41	+0.29	+0.84	-0.03	+7.36	+0.542	-0.331	-0.142	-0.050	-0.151	-0.411	-1.076	-0.130
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	202	231	231	260	260	260	260	165	141	141	141	141	141	141	141	107
Number of young rams	86249	92988	92988	98013	98013	98013	98013	80004	63581	63581	63581	63581	63581	63581	63581	56691

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE June 2024

SIL GE# 41654

Young rams

2022

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%	-37.2	-38.5	-55.5	+28.00	+1.25	-0.68	-0.76	-1.04	+0.30
10%	-29.8	-30.5	-46.2	+23.00	+1.02	-0.53	-0.59	-0.91	+0.25
20%	-21.0	-20.8	-35.0	+16.94	+0.73	-0.35	-0.39	-0.75	+0.20
30%	-14.6	-13.8	-26.9	+12.58	+0.53	-0.22	-0.25	-0.63	+0.16
50%	-4.1	-2.3	-13.5	+5.36	+0.20	-0.01	-0.01	-0.44	+0.09
70%	+6.5	+9.2	-0.1	-1.86	-0.14	+0.20	+0.23	-0.25	+0.02
80%	+12.9	+16.2	+8.0	-6.22	-0.34	+0.33	+0.37	-0.13	-0.02
90%	+21.7	+25.9	+19.2	-12.28	-0.62	+0.51	+0.57	+0.03	-0.08
95%	+29.1	+33.8	+28.5	-17.28	-0.86	+0.66	+0.74	+0.16	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	6	6	99	99	30	80
Number of young rams	31819	31819	31819	7150	7150	51390	51390	19147	39725

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

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