

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE September 2024

SIL GE# 41777

Young rams

2023

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%	+2541	+281	+1472	+863	+0.034	+6.13	+3.44	+10.77	-0.957	+0.680	+0.294	+0.096	+0.318	+2.122	+1.656
10%	+2286	+241	+1324	+767	+0.029	+5.52	+3.09	+9.67	-0.823	+0.583	+0.250	+0.082	+0.271	+1.907	+1.406
20%	+1978	+192	+1145	+652	+0.023	+4.79	+2.66	+8.34	-0.661	+0.466	+0.198	+0.065	+0.214	+1.647	+1.104
30%	+1755	+156	+1016	+568	+0.019	+4.26	+2.36	+7.38	-0.545	+0.382	+0.160	+0.052	+0.172	+1.459	+0.886
50%	+1387	+98	+802	+430	+0.012	+3.38	+1.85	+5.80	-0.352	+0.243	+0.097	+0.032	+0.104	+1.149	+0.525
70%	+1020	+39	+588	+292	+0.005	+2.50	+1.34	+4.21	-0.158	+0.103	+0.034	+0.012	+0.035	+0.839	+0.164
80%	+797	+4	+459	+208	+0.000	+1.97	+1.04	+3.25	-0.042	+0.019	-0.004	-0.000	-0.006	+0.652	-0.054
90%	+489	-45	+280	+92	-0.005	+1.23	+0.61	+1.92	+0.120	-0.098	-0.056	-0.017	-0.064	+0.391	-0.356
95%	+234	-86	+132	-3	-0.010	+0.62	+0.26	+0.82	+0.254	-0.194	-0.100	-0.031	-0.111	+0.177	-0.606
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	97	130	166	115	130	166	166	166	115	115	115	115	115	115	115
Number of young rams	22365	26371	30063	24847	26371	30063	30063	30063	24847	24847	24847	24847	24847	24847	24847

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 September 2024

SIL GE # 41777

Young rams

2023

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%	+3302	+3483	+3879	+3611	+5321	+3307	+822	+1164	+2506	+197	+1837	+854	+199	+772	+2427	+87	+997
10%	+3018	+3206	+3534	+3291	+4823	+3030	+729	+1031	+2267	+44	+1646	+731	+173	+626	+2114	+69	+844
20%	+2673	+2871	+3118	+2903	+4221	+2694	+616	+869	+1979	-141	+1414	+583	+142	+449	+1734	+46	+659
30%	+2425	+2629	+2817	+2624	+3786	+2451	+535	+753	+1771	-275	+1247	+476	+119	+321	+1460	+30	+526
40%	+2213	+2422	+2561	+2385	+3415	+2244	+465	+653	+1594	-389	+1105	+385	+100	+212	+1226	+16	+412
50%	+2014	+2229	+2321	+2161	+3068	+2051	+400	+560	+1428	-496	+971	+300	+82	+109	+1008	+3	+306
60%	+1816	+2036	+2081	+1938	+2722	+1857	+335	+467	+1262	-603	+838	+214	+64	+7	+789	-10	+199
70%	+1604	+1829	+1824	+1699	+2350	+1650	+266	+367	+1084	-717	+695	+123	+44	-102	+555	-24	+86
80%	+1355	+1587	+1524	+1420	+1916	+1408	+184	+251	+876	-851	+528	+16	+22	-230	+281	-40	-48
90%	+1011	+1252	+1107	+1032	+1314	+1072	+71	+89	+588	-1036	+296	-132	-10	-407	-98	-63	-232
95%	+727	+975	+763	+712	+816	+794	-22	-45	+350	-1189	+105	-255	-35	-554	-412	-81	-385
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	141	88	102	64	28	73	195	210	237	161	158	135	104	68	30	88	81
Number of young rams	72853	53674	56510	32338	19845	45354	88090	89604	95256	79401	77727	66525	58171	33074	20218	50165	40990

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE September 2024

SIL GE # 41777

Young Rams

2023

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%	+3483	+4062	+3823	+5525	+4014	+3460	+4266	+5802	+3972	+6076
10%	+3206	+3733	+3504	+5043	+3685	+3188	+3910	+5334	+3648	+5569
20%	+2871	+3335	+3118	+4459	+3287	+2858	+3479	+4769	+3256	+4955
30%	+2629	+3048	+2840	+4038	+3000	+2620	+3168	+4361	+2973	+4512
40%	+2422	+2803	+2603	+3678	+2754	+2416	+2902	+4012	+2731	+4133
50%	+2229	+2574	+2381	+3342	+2525	+2226	+2654	+3686	+2505	+3780
60%	+2036	+2344	+2158	+3006	+2296	+2036	+2406	+3361	+2279	+3426
70%	+1829	+2099	+1921	+2646	+2051	+1833	+2140	+3012	+2038	+3048
80%	+1587	+1812	+1643	+2225	+1764	+1594	+1829	+2604	+1755	+2605
90%	+1252	+1414	+1257	+1641	+1366	+1264	+1398	+2039	+1363	+1991
95%	+975	+1085	+939	+1159	+1037	+992	+1042	+1571	+1039	+1484
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	88	68	45	23	51	52	37	21	44	21
Number of young rams	53674	43048	23851	16378	31227	36752	20954	15220	32934	15220

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE September 2024

SIL GE# 41777

Young rams

2023

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	+0.048	+0.034	+5.20	+2.90	+9.09	+2.94	-1.25	-0.591	+0.437	+0.203	+0.090	+0.234	+1.367	+1.273	+0.553
10%	+0.29	+0.043	+0.030	+4.68	+2.62	+8.19	+2.61	-0.28	-0.467	+0.352	+0.165	+0.075	+0.192	+1.178	+1.019	+0.480
20%	+0.24	+0.036	+0.024	+4.04	+2.28	+7.11	+2.23	+0.89	-0.316	+0.250	+0.119	+0.057	+0.141	+0.949	+0.710	+0.392
30%	+0.20	+0.031	+0.019	+3.59	+2.03	+6.33	+1.95	+1.74	-0.208	+0.176	+0.086	+0.043	+0.104	+0.785	+0.488	+0.329
50%	+0.15	+0.023	+0.012	+2.83	+1.62	+5.03	+1.48	+3.14	-0.029	+0.054	+0.031	+0.021	+0.043	+0.512	+0.120	+0.224
70%	+0.09	+0.015	+0.005	+2.07	+1.22	+3.74	+1.02	+4.54	+0.150	-0.067	-0.024	-0.001	-0.018	+0.240	-0.248	+0.119
80%	+0.06	+0.011	+0.001	+1.61	+0.97	+2.96	+0.74	+5.38	+0.259	-0.141	-0.057	-0.014	-0.055	+0.075	-0.470	+0.056
90%	+0.01	+0.004	-0.005	+0.98	+0.63	+1.88	+0.35	+6.56	+0.409	-0.244	-0.103	-0.032	-0.106	-0.154	-0.778	-0.032
95%	-0.03	-0.002	-0.010	+0.45	+0.35	+0.98	+0.03	+7.53	+0.533	-0.328	-0.141	-0.048	-0.149	-0.343	-1.033	-0.105
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	195	210	210	237	237	237	237	161	135	135	135	135	135	135	135	104
Number of young rams	88090	89604	89604	95256	95256	95256	95256	79401	66525	66525	66525	66525	66525	66525	66525	58171

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE September 2024

SIL GE# 41777

Young rams

2023

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%	-38.5	-39.3	-55.7	+29.43	+1.23	-0.68	-0.77	-1.08	+0.31
10%	-30.8	-31.1	-46.5	+24.63	+1.01	-0.54	-0.60	-0.94	+0.26
20%	-21.4	-21.0	-35.4	+18.81	+0.74	-0.37	-0.41	-0.76	+0.21
30%	-14.6	-13.8	-27.4	+14.61	+0.54	-0.24	-0.26	-0.63	+0.16
50%	-3.4	-1.9	-14.1	+7.68	+0.21	-0.03	-0.03	-0.42	+0.10
70%	+7.8	+10.1	-0.8	+0.74	-0.11	+0.17	+0.21	-0.21	+0.03
80%	+14.6	+17.3	+7.2	-3.45	-0.31	+0.30	+0.35	-0.08	-0.01
90%	+24.0	+27.3	+18.3	-9.27	-0.58	+0.47	+0.55	+0.09	-0.07
95%	+31.8	+35.6	+27.5	-14.07	-0.81	+0.61	+0.71	+0.24	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	99	99	31	83
Number of young rams	33171	33171	33171	7555	7555	54123	54123	21274	42143

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

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