

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE March 2025

SIL GE# 42437 v6

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	LWg ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
1%	+3082	+338	+1762	+1216	+0.040	+7.45	+4.09	+12.94	-1.499	+1.128	+0.497	+0.127	+0.501	+2.955	+2.566
2%	+2889	+308	+1650	+1131	+0.037	+6.98	+3.83	+12.11	-1.373	+1.029	+0.450	+0.114	+0.455	+2.764	+2.344
5%	+2598	+264	+1482	+1003	+0.031	+6.28	+3.43	+10.86	-1.184	+0.881	+0.381	+0.096	+0.387	+2.478	+2.011
10%	+2339	+225	+1333	+889	+0.027	+5.65	+3.08	+9.75	-1.016	+0.750	+0.319	+0.079	+0.326	+2.224	+1.716
20%	+2026	+177	+1153	+751	+0.021	+4.90	+2.66	+8.41	-0.813	+0.591	+0.245	+0.059	+0.253	+1.917	+1.358
30%	+1800	+143	+1023	+651	+0.017	+4.35	+2.35	+7.44	-0.667	+0.477	+0.191	+0.045	+0.200	+1.695	+1.100
40%	+1607	+114	+911	+566	+0.014	+3.88	+2.09	+6.61	-0.541	+0.379	+0.145	+0.032			+0.879
50%	+1427	+86	+808	+487	+0.010	+3.45	+1.85	+5.84	-0.424	+0.287	+0.102	+0.021	+0.112	+1.328	+0.673
60%	+1247	+59	+704	+407	+0.007	+3.01	+1.60	+5.07	-0.307	+0.196	+0.059	+0.009	+0.070	+1.151	+0.467
70%	+1054	+30	+592	+322	+0.004	+2.55	+1.34	+4.24	-0.182	+0.098	+0.013	-0.003	+0.025	+0.962	+0.246
80%	+828	-4	+462	+223	-0.001	+2.00	+1.03	+3.27	-0.035	-0.017	-0.041	-0.018	-0.028	+0.740	-0.012
90%	+515	-52	+282	+85	-0.006	+1.25	+0.61	+1.93	+0.168	-0.175	-0.116	-0.038	-0.102	+0.432	-0.370
95%	+257	-91	+133	-29	-0.011	+0.62	+0.26	+0.82	+0.336	-0.307	-0.178	-0.054	-0.163	+0.178	-0.665
99%	-228	-165	-147	-243	-0.020	-0.55	-0.40	-1.26	+0.651	-0.553	-0.293	-0.085	-0.276	-0.299	-1.220
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	91	143	173	103	143	173	173	173	103	103	103	103	103	103	103
Number of young rams	21354	28356	31985	23399	28356	31985	31985	31985	23399	23399	23399	23399	23399	23399	23399

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 March 2025

SIL GE # 42437 v6

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
1%	+3933	+4129	+4587	+4597	+7412	+3937	+1089	+1428	+2937	+562	+2219	+1182	+277	+1334	+4122	+130	+1405
2%	+3714	+3907	+4320	+4330	+7045	+3718	+1012	+1327	+2757	+439	+2071	+1072	+255	+1196	+3849	+114	+1279
5%	+3384	+3575	+3919	+3931	+6493	+3388	+898	+1175	+2488	+255	+1850	+908	+221	+989	+3439	+91	+1090
10%	+3092	+3280	+3562	+3576	+6004	+3095	+796	+1041	+2249	+91	+1653	+761	+190	+805	+3074	+71	+922
20%	+2738	+2923	+3130	+3146	+5410	+2741	+673	+878	+1959	-107	+1414	+584	+154	+582	+2633	+46	+719
30%	+2483	+2666	+2819	+2836	+4983	+2485	+584	+761	+1751	-249	+1242	+456	+127	+421	+2314	+28	+572
40%	+2264	+2446	+2553	+2571	+4617	+2267	+508	+660	+1572	-372	+1095	+347	+104	+283	+2043	+12	+446
50%	+2061	+2240	+2304	+2323	+4276	+2063	+437	+566	+1406	-486	+958	+245	+83	+155	+1788	-2	+329
60%	+1857	+2034	+2055	+2076	+3934	+1859	+366	+473	+1239	-600	+821	+143	+62	+26	+1534	-17	+212
70%	+1638	+1814	+1789	+1811	+3569	+1640	+290	+372	+1060	-722	+674	+34	+40	-111	+1262	-32	+87
80%	+1383	+1556	+1478	+1501	+3141	+1385	+201	+255	+852	-865	+502	-94	+13	-272	+944	-50	-60
90%	+1029	+1199	+1046	+1071	+2548	+1030	+77	+92	+562	-1063	+264	-271	-24	-495	+503	-75	-264
95%	+737	+904	+690	+716	+2058	+738	-24	-42	+323	-1226	+67	-418	-54	-679	+138	-96	-432
99%	+188	+351	+21	+50	+1139	+188	-215	-295	-125	-1533	-303	-692	-111	-1025	-546	-134	-747
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	134	66	102	63	21	81	195	215	244	154	153	131	80	67	24	96	76
Number of young rams	71279	42841	57985	31930	16036	50862	86236	89582	97454	78432	78194	66386	46500	33201	17307	55505	41886

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE March 2025

SIL GE # 42437 v6

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
1%	+4129	+4643	+4920	+7929	+4789	+4189	+5359	+7833	+4726	+8200
2%	+3907	+4384	+4645	+7547	+4536	+3960	+5054	+7444	+4456	+7789
5%	+3575	+3996	+4233	+6976	+4155	+3617	+4596	+6860	+4050	+7172
10%	+3280	+3651	+3867	+6467	+3817	+3313	+4190	+6342	+3689	+6624
20%	+2923	+3234	+3424	+5852	+3407	+2944	+3697	+5714	+3253	+5961
30%	+2666	+2932	+3104	+5409	+3112	+2678	+3342	+5261	+2938	+5482
40%	+2446	+2675	+2831	+5030	+2860	+2451	+3039	+4874	+2669	+5074
50%	+2240	+2434	+2576	+4675	+2624	+2238	+2755	+4512	+2418	+4691
60%	+2034	+2194	+2321	+4321	+2388	+2026	+2472	+4150	+2166	+4309
70%	+1814	+1937	+2048	+3942	+2136	+1799	+2168	+3763	+1897	+3901
80%	+1556	+1635	+1728	+3498	+1841	+1533	+1813	+3311	+1583	+3422
90%	+1199	+1218	+1285	+2883	+1431	+1164	+1321	+2683	+1146	+2759
95%	+904	+873	+919	+2375	+1093	+859	+914	+2164	+786	+2211
99%	+351	+226	+232	+1422	+459	+288	+152	+1191	+109	+1183
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	66	57	35	14	38	46	30	11	41	11
Number of young rams	42841	37162	18919	9829	24819	32957	17229	8731	30346	8731

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NZGE gBV's - Dual Purpose - Young Rams Percentile Bands

NZGE March 2025

SIL GE# 42437 v6

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
1%	+0.46	+0.057	+0.044	+6.17	+3.36	+10.75	+3.92	-3.56	-0.941	+0.723	+0.344	+0.141	+0.373	+1.924	+2.186	+0.771
2%	+0.43	+0.05	+0.04	+5.77	+3.15	+10.07	+3.65	-2.78	-0.829	+0.641	+0.307	+0.128	+0.333	+1.748	+1.945	+0.707
5%	+0.38	+0.047	+0.035	+5.17	+2.84	+9.06	+3.24	-1.61	-0.662	+0.520	+0.250	+0.107	+0.272	+1.484	+1.584	+0.612
10%	+0.33	+0.042	+0.030	+4.63	+2.56	+8.15	+2.87	-0.58	-0.513	+0.411	+0.200	+0.088	+0.218	+1.249	+1.263	+0.527
20%	+0.27	+0.035	+0.025	+3.99	+2.22	+7.06	+2.43	+0.67	-0.332	+0.280	+0.139	+0.066	+0.153	+0.965	+0.874	+0.424
30%	+0.23	+0.031	+0.020	+3.52	+1.98	+6.27	+2.11	+1.58	-0.202	+0.185	+0.096	+0.050	+0.106	+0.760	+0.594	+0.350
40%	+0.20	+0.027	+0.017	+3.12	+1.77	+5.60	+1.84	+2.35	-0.091	+0.105	+0.058	+0.036	+0.066	+0.585	+0.354	+0.286
50%	+0.17	+0.023	+0.013	+2.75	+1.57	+4.97	+1.58	+3.07	+0.013	+0.029	+0.023	+0.023	+0.028	+0.421	+0.131	+0.227
60%	+0.14	+0.019	+0.010	+2.37	+1.38	+4.34	+1.33	+3.80	+0.117	-0.047	-0.012	+0.010	-0.010	+0.257	-0.093	+0.168
70%	+0.10	+0.015	+0.006	+1.97	+1.17	+3.67	+1.06	+4.57	+0.228	-0.127	-0.049	-0.003	-0.050	+0.082	-0.333	+0.104
80%	+0.06	+0.010	+0.002	+1.50	+0.93	+2.88	+0.74	+5.47	+0.358	-0.222	-0.093	-0.019	-0.097	-0.123	-0.613	+0.030
90%	+0.01	+0.004	-0.004	+0.86	+0.59	+1.79	+0.30	+6.73	+0.538	-0.353	-0.154	-0.042	-0.162	-0.408	-1.002	-0.073
95%	-0.04	-0.001	-0.009	+0.32	+0.31	+0.89	-0.07	+7.76	+0.687	-0.462	-0.204	-0.060	-0.216	-0.642	-1.323	-0.158
99%	-0.12	-0.011	-0.018	-0.68	-0.21	-0.80	-0.75	+9.70	+0.966	-0.665	-0.298	-0.095	-0.317	-1.083	-1.925	-0.317
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	215	215	244	244	244	244	154	131	131	131	131	131	131	131	80
Number of young rams	86236	89582	89582	97454	97454	97454	97454	78432	66386	66386	66386	66386	66386	66386	66386	46500

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NZGE gBV's- Health Traits - Young Rams Percentile Bands

NZGE March 2025

SIL GE#

42437 v6

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
1%	-68.43	-72.00	-89.73	+65.87	+2.00	-1.04	-1.15	-1.85	+0.43
2%	-61.10	-64.04	-81.16	+59.86	+1.80	-0.92	-1.01	-1.73	+0.39
5%	-50.1	-52.1	-68.3	+50.85	+1.50	-0.75	-0.79	-1.54	+0.33
10%	-40.4	-41.5	-56.9	+42.85	+1.24	-0.59	-0.61	-1.38	+0.28
20%	-28.5	-28.6	-43.1	+33.16	+0.92	-0.41	-0.38	-1.18	+0.22
30%	-20.0	-19.4	-33.1	+26.17	+0.68	-0.27	-0.21	-1.04	+0.17
40%	-12.7	-11.4	-24.6	+20.20	+0.49	-0.16	-0.07	-0.92	+0.14
50%	-5.9	-4.0	-16.7	+14.62	+0.30	-0.05	+0.06	-0.80	+0.10
60%	+0.9	+3.4	-8.7	+9.04	+0.11	+0.06	+0.19	-0.69	+0.06
70%	+8.1	+11.3	-0.2	+3.07	-0.08	+0.18	+0.33	-0.57	+0.03
80%	+16.7	+20.6	+9.8	-3.92	-0.32	+0.31	+0.50	-0.42	-0.02
90%	+28.5	+33.4	+23.6	-13.61	-0.64	+0.50	+0.72	-0.23	-0.08
95%	+38.2	+44.0	+35.0	-21.61	-0.90	+0.65	+0.91	-0.06	-0.13
99%	+56.54	+63.94	+56.42	-36.62	-1.40	+0.95	+1.27	+0.24	-0.23
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	68	68	68	5	5	107	107	24	77
Number of young rams	33298	33298	33298	7313	7313	58845	58845	17307	41983

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

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