

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE October 2024

SIL GE# 41841

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	LNLY	HQLY	CWY	EMAc ¹
5%	+2530	+281	+1470	+857	+0.033	+6.12	+3.43	+10.75	-0.956	+0.672	+0.291	+0.093	+0.312	+2.118	+1.656
10%	+2276	+240	+1322	+762	+0.029	+5.51	+3.08	+9.65	-0.823	+0.576	+0.248	+0.079	+0.265	+1.903	+1.406
20%	+1969	+192	+1143	+646	+0.023	+4.78	+2.66	+8.32	-0.661	+0.460	+0.195	+0.062	+0.209	+1.643	+1.102
30%	+1748	+156	+1014	+563	+0.019	+4.25	+2.35	+7.36	-0.544	+0.377	+0.158	+0.050	+0.167	+1.455	+0.883
50%	+1382	+98	+800	+426	+0.012	+3.37	+1.84	+5.78	-0.351	+0.238	+0.095	+0.030	+0.100	+1.145	+0.521
70%	+1015	+40	+587	+289	+0.005	+2.49	+1.34	+4.20	-0.158	+0.100	+0.033	+0.010	+0.032	+0.835	+0.159
80%	+794	+5	+457	+205	+0.001	+1.96	+1.03	+3.24	-0.041	+0.016	-0.005	-0.002	-0.009	+0.647	-0.059
90%	+487	-44	+278	+90	-0.005	+1.22	+0.61	+1.91	+0.121	-0.100	-0.057	-0.019	-0.066	+0.387	-0.363
95%	+233	-84	+130	-5	-0.010	+0.62	+0.25	+0.81	+0.254	-0.196	-0.101	-0.033	-0.113	+0.172	-0.614
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	100	131	167	119	131	167	167	167	119	119	119	119	119	119	119
Number of young rams	22625	26495	30188	25138	26495	30188	30188	30188	25138	25138	25138	25138	25138	25138	25138

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 October 2024

SIL GE # 41841

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%	+3291	+3498	+3855	+3608	+5318	+3296	+824	+1166	+2502	+201	+1831	+852	+204	+775	+2480	+87	+995
10%	+3003	+3211	+3506	+3287	+4819	+3010	+730	+1033	+2265	+48	+1641	+730	+177	+628	+2159	+69	+842
20%	+2654	+2864	+3085	+2900	+4215	+2664	+615	+871	+1979	-137	+1410	+582	+145	+450	+1770	+46	+656
30%	+2403	+2614	+2781	+2620	+3780	+2415	+533	+755	+1773	-271	+1244	+475	+121	+322	+1490	+30	+523
40%	+2188	+2400	+2521	+2381	+3408	+2202	+463	+656	+1596	-385	+1102	+384	+101	+212	+1250	+16	+409
50%	+1987	+2200	+2279	+2158	+3060	+2003	+397	+563	+1431	-492	+970	+299	+82	+110	+1026	+3	+302
60%	+1786	+2000	+2036	+1935	+2712	+1804	+331	+470	+1266	-599	+837	+214	+63	+7	+802	-10	+195
70%	+1571	+1786	+1776	+1696	+2340	+1591	+261	+371	+1090	-713	+695	+123	+43	-102	+563	-24	+81
80%	+1320	+1536	+1472	+1417	+1904	+1341	+178	+254	+884	-847	+529	+16	+20	-231	+283	-40	-52
90%	+971	+1189	+1051	+1029	+1300	+996	+64	+93	+597	-1032	+298	-132	-13	-408	-106	-62	-238
95%	+683	+902	+703	+709	+802	+710	-30	-40	+361	-1185	+108	-254	-40	-555	-427	-81	-391
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	107	64	28	76	197	211	238	164	161	138	105	68	31	89	81
Number of young rams	75521	54883	59929	32345	19861	48119	89324	89744	95332	81273	79599	67339	58151	33081	20654	50943	40935

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE October 2024	SIL GE # 41841	Young Rams	2023
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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%	+3498	+4076	+3819	+5527	+4001	+3480	+4268	+5824	+3989	+6095
10%	+3211	+3734	+3501	+5044	+3675	+3193	+3911	+5352	+3650	+5583
20%	+2864	+3321	+3115	+4458	+3280	+2846	+3478	+4780	+3239	+4963
30%	+2614	+3022	+2837	+4035	+2995	+2596	+3166	+4367	+2943	+4517
40%	+2400	+2768	+2600	+3675	+2752	+2382	+2900	+4015	+2689	+4135
50%	+2200	+2529	+2378	+3337	+2524	+2182	+2651	+3686	+2453	+3778
60%	+2000	+2291	+2156	+3000	+2297	+1982	+2401	+3356	+2216	+3421
70%	+1786	+2037	+1919	+2639	+2053	+1768	+2135	+3004	+1963	+3040
80%	+1536	+1738	+1641	+2217	+1768	+1518	+1823	+2591	+1667	+2593
90%	+1189	+1325	+1256	+1631	+1373	+1171	+1391	+2019	+1256	+1973
95%	+902	+983	+937	+1147	+1047	+885	+1033	+1547	+917	+1461
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	70	46	23	52	54	38	21	46	21
Number of young rams	54883	44274	23912	16388	31261	37984	21014	15222	34164	15222

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

NZGE October 2024

SIL GE# 41841

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	+9.07	+2.94	-1.28	-0.592	+0.435	+0.203	+0.090	+0.232	+1.367	+1.283	+0.568
10%	+0.29	+0.043	+0.030	+4.68	+2.62	+8.18	+2.62	-0.31	-0.467	+0.351	+0.165	+0.075	+0.190	+1.178	+1.027	+0.492
20%	+0.24	+0.036	+0.024	+4.04	+2.28	+7.11	+2.23	+0.87	-0.317	+0.250	+0.119	+0.057	+0.140	+0.949	+0.717	+0.400
30%	+0.20	+0.031	+0.019	+3.59	+2.03	+6.33	+1.95	+1.71	-0.208	+0.176	+0.086	+0.043	+0.103	+0.784	+0.493	+0.334
50%	+0.15	+0.023	+0.012	+2.84	+1.63	+5.04	+1.49	+3.11	-0.028	+0.055	+0.031	+0.022	+0.043	+0.510	+0.124	+0.225
70%	+0.09	+0.016	+0.005	+2.08	+1.22	+3.76	+1.03	+4.51	+0.152	-0.066	-0.024	+0.000	-0.017	+0.237	-0.246	+0.115
80%	+0.06	+0.011	+0.001	+1.63	+0.98	+2.98	+0.75	+5.36	+0.261	-0.139	-0.057	-0.013	-0.054	+0.072	-0.470	+0.049
90%	+0.01	+0.004	-0.005	+0.99	+0.64	+1.91	+0.36	+6.53	+0.411	-0.241	-0.103	-0.031	-0.105	-0.157	-0.780	-0.043
95%	-0.03	-0.001	-0.010	+0.47	+0.36	+1.02	+0.04	+7.50	+0.536	-0.325	-0.141	-0.046	-0.147	-0.346	-1.036	-0.118
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	197	211	211	238	238	238	238	164	138	138	138	138	138	138	138	105
Number of young rams	89324	89744	89744	95332	95332	95332	95332	81273	67339	67339	67339	67339	67339	67339	67339	58151

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE October 2024

SIL GE# 41841

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%	-38.6	-39.5	-55.9	+29.68	+1.26	-0.68	-0.77	-1.11	+0.31
10%	-30.9	-31.2	-46.6	+24.72	+1.03	-0.54	-0.60	-0.96	+0.26
20%	-21.4	-21.1	-35.5	+18.72	+0.76	-0.37	-0.41	-0.78	+0.20
30%	-14.6	-13.9	-27.4	+14.39	+0.56	-0.24	-0.27	-0.65	+0.16
50%	-3.4	-1.9	-14.1	+7.23	+0.23	-0.04	-0.03	-0.43	+0.10
70%	+7.8	+10.1	-0.8	+0.07	-0.09	+0.17	+0.20	-0.21	+0.03
80%	+14.6	+17.4	+7.2	-4.26	-0.29	+0.29	+0.35	-0.08	-0.01
90%	+24.0	+27.4	+18.4	-10.26	-0.56	+0.47	+0.54	+0.10	-0.07
95%	+31.8	+35.8	+27.6	-15.22	-0.79	+0.61	+0.71	+0.25	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	100	100	32	83
Number of young rams	33178	33178	33178	7558	7558	54905	54905	21710	42088

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

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