

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE August 2024

SIL GE# 41739

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%	+2556	+284	+1477	+867	+0.034	+6.15	+3.45	+10.80	-0.965	+0.684	+0.295	+0.096	+0.320	+2.129	+1.654
10%	+2299	+243	+1328	+771	+0.029	+5.54	+3.10	+9.70	-0.830	+0.587	+0.252	+0.082	+0.272	+1.913	+1.404
20%	+1989	+194	+1148	+654	+0.023	+4.80	+2.67	+8.36	-0.667	+0.469	+0.199	+0.065	+0.215	+1.652	+1.101
30%	+1765	+159	+1019	+570	+0.019	+4.27	+2.36	+7.40	-0.549	+0.385	+0.161	+0.053	+0.173	+1.463	+0.882
50%	+1395	+100	+804	+431	+0.012	+3.39	+1.85	+5.81	-0.354	+0.245	+0.098	+0.032	+0.104	+1.152	+0.521
70%	+1025	+41	+589	+292	+0.005	+2.51	+1.34	+4.22	-0.159	+0.105	+0.035	+0.012	+0.036	+0.840	+0.160
80%	+801	+5	+459	+208	+0.001	+1.97	+1.04	+3.26	-0.041	+0.020	-0.003	-0.000	-0.006	+0.651	-0.058
90%	+491	-44	+279	+92	-0.005	+1.23	+0.61	+1.92	+0.122	-0.097	-0.055	-0.017	-0.063	+0.390	-0.361
95%	+234	-85	+131	-5	-0.010	+0.62	+0.26	+0.82	+0.257	-0.194	-0.099	-0.031	-0.111	+0.174	-0.612
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	96	128	164	114	128	164	164	164	114	114	114	114	114	114	114
Number of young rams	22144	26088	29780	24626	26088	29780	29780	29780	24626	24626	24626	24626	24626	24626	24626

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 August 2024

SIL GE # 41739

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%	+3317	+3508	+3901	+3627	+5303	+3319	+820	+1172	+2514	+196	+1844	+859	+200	+773	+2416	+87	+1001
10%	+3032	+3228	+3555	+3304	+4807	+3041	+729	+1039	+2276	+42	+1651	+736	+174	+627	+2103	+69	+848
20%	+2686	+2890	+3136	+2913	+4206	+2704	+620	+877	+1987	-144	+1418	+588	+143	+449	+1724	+46	+663
30%	+2437	+2645	+2834	+2632	+3772	+2461	+541	+760	+1778	-278	+1251	+481	+120	+321	+1450	+30	+529
40%	+2224	+2437	+2576	+2391	+3402	+2253	+473	+660	+1600	-392	+1107	+390	+101	+212	+1217	+16	+415
50%	+2025	+2242	+2335	+2166	+3055	+2059	+410	+566	+1434	-500	+973	+304	+83	+109	+998	+3	+308
60%	+1826	+2047	+2094	+1941	+2709	+1865	+347	+473	+1267	-607	+839	+219	+65	+7	+780	-10	+201
70%	+1613	+1838	+1835	+1701	+2339	+1657	+279	+373	+1089	-721	+695	+128	+46	-102	+546	-24	+87
80%	+1364	+1594	+1533	+1419	+1905	+1414	+200	+256	+881	-855	+527	+21	+23	-230	+273	-40	-47
90%	+1018	+1255	+1114	+1028	+1304	+1077	+90	+94	+592	-1041	+295	-127	-8	-408	-107	-62	-233
95%	+732	+976	+768	+706	+808	+799	-0	-40	+353	-1195	+102	-250	-34	-555	-420	-81	-386
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	87	102	64	28	73	192	209	236	160	157	133	103	68	30	88	81
Number of young rams	72755	52551	56417	32241	19845	45263	86303	89289	94938	79033	77359	65988	57048	32975	20218	50078	40993

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE August 2024

SIL GE # 41739

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%	+3508	+4086	+3838	+5508	+4039	+3471	+4281	+5792	+3989	+6068
10%	+3228	+3755	+3516	+5027	+3707	+3198	+3923	+5324	+3663	+5560
20%	+2890	+3354	+3127	+4444	+3306	+2867	+3488	+4758	+3269	+4944
30%	+2645	+3065	+2847	+4023	+3017	+2628	+3175	+4350	+2985	+4501
40%	+2437	+2819	+2607	+3664	+2769	+2424	+2907	+4001	+2742	+4122
50%	+2242	+2588	+2383	+3328	+2538	+2234	+2657	+3674	+2515	+3767
60%	+2047	+2357	+2159	+2992	+2307	+2043	+2406	+3348	+2288	+3413
70%	+1838	+2110	+1920	+2633	+2060	+1839	+2139	+2999	+2045	+3034
80%	+1594	+1821	+1639	+2212	+1771	+1600	+1825	+2591	+1761	+2590
90%	+1255	+1421	+1250	+1629	+1370	+1269	+1391	+2025	+1367	+1975
95%	+976	+1090	+929	+1148	+1038	+996	+1032	+1557	+1041	+1466
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	87	68	45	23	51	52	37	21	44	21
Number of young rams	52551	43047	23843	16378	31228	36750	20950	15220	32937	15220

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE August 2024

SIL GE# 41739

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	+0.049	+0.034	+5.22	+2.91	+9.10	+2.94	-1.24	-0.595	+0.443	+0.206	+0.091	+0.237	+1.370	+1.266	+0.554
10%	+0.29	+0.043	+0.029	+4.70	+2.63	+8.21	+2.62	-0.27	-0.471	+0.359	+0.168	+0.075	+0.194	+1.181	+1.011	+0.482
20%	+0.24	+0.037	+0.024	+4.06	+2.28	+7.13	+2.23	+0.91	-0.321	+0.256	+0.122	+0.057	+0.143	+0.953	+0.703	+0.395
30%	+0.21	+0.032	+0.019	+3.60	+2.04	+6.35	+1.95	+1.76	-0.212	+0.183	+0.089	+0.044	+0.106	+0.788	+0.481	+0.331
50%	+0.15	+0.024	+0.012	+2.84	+1.63	+5.06	+1.49	+3.16	-0.033	+0.061	+0.034	+0.022	+0.046	+0.515	+0.114	+0.227
70%	+0.10	+0.016	+0.005	+2.09	+1.22	+3.77	+1.02	+4.57	+0.146	-0.061	-0.021	-0.000	-0.015	+0.243	-0.254	+0.123
80%	+0.06	+0.011	+0.001	+1.63	+0.98	+2.99	+0.74	+5.41	+0.254	-0.135	-0.054	-0.014	-0.052	+0.078	-0.476	+0.059
90%	+0.02	+0.004	-0.005	+0.99	+0.64	+1.90	+0.35	+6.59	+0.404	-0.238	-0.100	-0.032	-0.103	-0.151	-0.784	-0.028
95%	-0.02	-0.001	-0.010	+0.46	+0.35	+1.01	+0.03	+7.56	+0.528	-0.322	-0.138	-0.047	-0.145	-0.339	-1.039	-0.100
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	192	209	209	236	236	236	236	160	133	133	133	133	133	133	133	103
Number of young rams	86303	89289	89289	94938	94938	94938	94938	79033	65988	65988	65988	65988	65988	65988	65988	57048

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE August 2024

SIL GE# 41739

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	-55.6	+29.87	+1.24	-0.68	-0.77	-1.08	+0.31
10%	-30.9	-31.2	-46.4	+25.06	+1.01	-0.54	-0.60	-0.93	+0.26
20%	-21.4	-21.1	-35.3	+19.24	+0.74	-0.36	-0.41	-0.76	+0.21
30%	-14.6	-13.9	-27.3	+15.04	+0.54	-0.24	-0.27	-0.63	+0.17
50%	-3.4	-1.9	-14.1	+8.10	+0.22	-0.03	-0.03	-0.42	+0.10
70%	+7.8	+10.1	-0.9	+1.15	-0.10	+0.17	+0.20	-0.21	+0.03
80%	+14.6	+17.4	+7.1	-3.05	-0.30	+0.30	+0.34	-0.08	-0.01
90%	+24.1	+27.5	+18.2	-8.87	-0.57	+0.47	+0.54	+0.10	-0.07
95%	+31.9	+35.8	+27.4	-13.68	-0.80	+0.61	+0.70	+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	33072	33072	33072	7554	7554	54040	54040	21274	42146

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

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