

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE November 2024

SIL GE# 41911

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%	+2510	+288	+1459	+851	+0.034	+6.08	+3.41	+10.67	-0.951	+0.671	+0.291	+0.092	+0.310	+2.101	+1.639
10%	+2261	+247	+1313	+757	+0.029	+5.48	+3.06	+9.58	-0.819	+0.576	+0.248	+0.079	+0.264	+1.889	+1.390
20%	+1959	+197	+1136	+644	+0.024	+4.75	+2.64	+8.27	-0.659	+0.461	+0.196	+0.062	+0.208	+1.633	+1.089
30%	+1741	+162	+1008	+562	+0.019	+4.22	+2.34	+7.32	-0.543	+0.378	+0.159	+0.050	+0.168	+1.449	+0.872
50%	+1381	+103	+797	+427	+0.012	+3.35	+1.84	+5.75	-0.353	+0.241	+0.097	+0.030	+0.101	+1.144	+0.513
70%	+1021	+43	+586	+291	+0.005	+2.48	+1.34	+4.18	-0.162	+0.105	+0.035	+0.010	+0.034	+0.839	+0.154
80%	+803	+8	+458	+210	+0.001	+1.96	+1.03	+3.24	-0.047	+0.022	-0.002	-0.002	-0.006	+0.654	-0.063
90%	+501	-42	+281	+96	-0.005	+1.23	+0.61	+1.92	+0.113	-0.093	-0.054	-0.018	-0.062	+0.398	-0.364
95%	+251	-83	+135	+3	-0.010	+0.63	+0.27	+0.84	+0.245	-0.188	-0.097	-0.032	-0.109	+0.187	-0.613
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	101	135	172	120	135	172	172	172	120	120	120	120	120	120	120
Number of young rams	23554	27848	31632	26066	27848	31632	31632	31632	26066	26066	26066	26066	26066	26066	26066

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 November 2024

SIL GE # 41911

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%	+3280	+3486	+3854	+3596	+5552	+3295	+821	+1154	+2490	+206	+1835	+855	+203	+774	+2721	+87	+995
10%	+2993	+3199	+3506	+3277	+5036	+3011	+726	+1021	+2254	+54	+1644	+733	+176	+627	+2374	+68	+842
20%	+2645	+2851	+3086	+2890	+4410	+2666	+612	+861	+1968	-131	+1413	+585	+143	+449	+1955	+46	+656
30%	+2395	+2600	+2783	+2611	+3958	+2418	+529	+746	+1761	-264	+1247	+479	+119	+320	+1652	+30	+523
40%	+2180	+2386	+2524	+2373	+3573	+2206	+459	+647	+1585	-378	+1105	+387	+99	+210	+1393	+16	+408
50%	+1980	+2186	+2281	+2150	+3212	+2008	+393	+554	+1421	-485	+972	+302	+80	+108	+1152	+3	+301
60%	+1780	+1986	+2039	+1928	+2852	+1810	+327	+462	+1256	-591	+839	+217	+61	+5	+910	-10	+195
70%	+1566	+1771	+1780	+1689	+2466	+1597	+256	+363	+1080	-705	+696	+126	+41	-105	+652	-23	+80
80%	+1315	+1521	+1477	+1411	+2015	+1349	+174	+248	+873	-838	+530	+20	+17	-233	+349	-39	-53
90%	+968	+1173	+1057	+1024	+1389	+1005	+59	+87	+588	-1023	+299	-128	-16	-411	-71	-62	-239
95%	+681	+886	+709	+705	+872	+721	-35	-45	+351	-1176	+108	-250	-43	-558	-417	-80	-392
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	146	91	107	64	33	78	201	217	244	166	163	138	110	68	36	91	81
Number of young rams	76577	55903	59933	32348	21504	49151	91586	91707	98173	82373	80699	67349	59803	33084	22297	51978	40936

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE November 2024

SIL GE # 41911

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%	+3486	+4074	+3810	+5779	+3993	+3480	+4261	+5801	+3994	+6065
10%	+3199	+3733	+3492	+5276	+3666	+3194	+3905	+5334	+3657	+5559
20%	+2851	+3321	+3107	+4667	+3271	+2848	+3474	+4767	+3249	+4946
30%	+2600	+3023	+2829	+4228	+2985	+2599	+3163	+4359	+2954	+4504
40%	+2386	+2768	+2592	+3853	+2742	+2385	+2898	+4010	+2703	+4126
50%	+2186	+2531	+2370	+3503	+2514	+2186	+2650	+3683	+2468	+3773
60%	+1986	+2293	+2148	+3152	+2286	+1987	+2401	+3357	+2233	+3420
70%	+1771	+2038	+1911	+2777	+2042	+1774	+2136	+3008	+1982	+3043
80%	+1521	+1741	+1633	+2338	+1757	+1525	+1825	+2600	+1687	+2601
90%	+1173	+1328	+1248	+1729	+1361	+1179	+1394	+2033	+1279	+1988
95%	+886	+987	+930	+1226	+1035	+893	+1038	+1566	+943	+1481
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	91	70	46	28	52	56	38	21	48	21
Number of young rams	55903	44278	23913	18031	31262	39017	21014	15221	35196	15221

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

NZGE November 2024

SIL GE# 41911

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%	+0.32	+0.048	+0.034	+5.18	+2.88	+9.01	+2.91	-1.31	-0.596	+0.440	+0.205	+0.090	+0.234	+1.371	+1.284	+0.565
10%	+0.28	+0.043	+0.029	+4.66	+2.60	+8.13	+2.60	-0.34	-0.472	+0.356	+0.167	+0.075	+0.192	+1.182	+1.028	+0.488
20%	+0.24	+0.036	+0.023	+4.03	+2.26	+7.05	+2.21	+0.83	-0.321	+0.253	+0.121	+0.056	+0.141	+0.954	+0.717	+0.396
30%	+0.20	+0.031	+0.019	+3.57	+2.02	+6.27	+1.94	+1.67	-0.212	+0.179	+0.087	+0.043	+0.104	+0.789	+0.493	+0.329
50%	+0.15	+0.023	+0.012	+2.82	+1.61	+4.99	+1.48	+3.07	-0.032	+0.057	+0.032	+0.022	+0.043	+0.516	+0.122	+0.219
70%	+0.09	+0.015	+0.005	+2.07	+1.21	+3.71	+1.02	+4.46	+0.147	-0.065	-0.023	-0.000	-0.017	+0.244	-0.249	+0.109
80%	+0.05	+0.011	+0.001	+1.61	+0.96	+2.93	+0.74	+5.31	+0.256	-0.139	-0.057	-0.013	-0.054	+0.079	-0.473	+0.042
90%	+0.01	+0.004	-0.005	+0.98	+0.62	+1.85	+0.36	+6.48	+0.407	-0.242	-0.103	-0.032	-0.105	-0.150	-0.784	-0.050
95%	-0.03	-0.002	-0.010	+0.46	+0.34	+0.97	+0.04	+7.44	+0.531	-0.326	-0.141	-0.047	-0.147	-0.339	-1.040	-0.127
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	201	217	217	244	244	244	244	166	138	138	138	138	138	138	138	110
Number of young rams	91586	91707	91707	98173	98173	98173	98173	82373	67349	67349	67349	67349	67349	67349	67349	59803

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE November 2024

SIL GE# 41911

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%	-38.8	-39.5	-55.7	+29.68	+1.24	-0.68	-0.75	-1.21	+0.31
10%	-31.0	-31.2	-46.4	+24.73	+1.02	-0.54	-0.59	-1.05	+0.26
20%	-21.5	-21.1	-35.2	+18.74	+0.74	-0.37	-0.40	-0.86	+0.20
30%	-14.7	-13.9	-27.2	+14.42	+0.54	-0.24	-0.26	-0.72	+0.16
50%	-3.4	-1.8	-13.8	+7.28	+0.22	-0.04	-0.03	-0.49	+0.10
70%	+7.8	+10.2	-0.5	+0.14	-0.11	+0.17	+0.20	-0.26	+0.03
80%	+14.6	+17.4	+7.6	-4.18	-0.31	+0.29	+0.34	-0.12	-0.01
90%	+24.1	+27.5	+18.8	-10.17	-0.58	+0.46	+0.54	+0.08	-0.07
95%	+31.9	+35.8	+28.1	-15.11	-0.81	+0.61	+0.70	+0.24	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	103	103	37	83
Number of young rams	33181	33181	33181	7557	7557	56101	56101	23353	42089

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

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