

NZGE Indexes and gBVs - Terminal Sire - Young Ram Percentile Bands

NZGE August 2023

SIL GE# 40701

Young rams

2022

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%	+2702	+279	+1496	+967	+0.033	+6.21	+3.50	+10.99	-1.104	+0.888	+0.397	+0.096	+0.390	+2.257	+1.718
10%	+2433	+240	+1345	+860	+0.029	+5.59	+3.14	+9.86	-0.954	+0.767	+0.342	+0.082	+0.335	+2.028	+1.465
20%	+2109	+193	+1162	+731	+0.023	+4.84	+2.71	+8.49	-0.771	+0.621	+0.276	+0.065	+0.269	+1.751	+1.158
30%	+1874	+160	+1030	+637	+0.019	+4.30	+2.39	+7.51	-0.640	+0.516	+0.228	+0.052	+0.221	+1.550	+0.937
50%	+1487	+104	+812	+483	+0.012	+3.40	+1.88	+5.88	-0.423	+0.343	+0.148	+0.032	+0.141	+1.220	+0.572
70%	+1100	+49	+594	+328	+0.006	+2.51	+1.36	+4.25	-0.206	+0.169	+0.069	+0.011	+0.062	+0.889	+0.207
80%	+866	+15	+462	+235	+0.002	+1.96	+1.05	+3.26	-0.075	+0.064	+0.021	-0.001	+0.014	+0.688	-0.014
90%	+541	-32	+279	+105	-0.004	+1.21	+0.61	+1.89	+0.107	-0.082	-0.046	-0.019	-0.052	+0.411	-0.321
95%	+273	-70	+128	-2	-0.008	+0.59	+0.25	+0.77	+0.258	-0.202	-0.101	-0.033	-0.107	+0.182	-0.574
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	129	168	108	129	168	168	168	108	108	108	108	108	108	108
Number of sires	18430	22922	28417	20901	22922	28417	28417	28417	20901	20901	20901	20901	20901	20901	20901

¹ These 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 2023

SIL GE # 40701

Young rams

2022

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%	+3279	+3450	+3855	+3645	+5414	+3320	+833	+1149	+2506	+185	+1808	+948	+203	+750	+2343	+91	+1002
10%	+3010	+3186	+3531	+3303	+4935	+3043	+741	+1018	+2269	+30	+1620	+807	+177	+605	+2073	+72	+848
20%	+2684	+2865	+3139	+2890	+4356	+2708	+629	+860	+1982	-158	+1392	+636	+145	+428	+1746	+49	+662
30%	+2449	+2633	+2856	+2591	+3938	+2466	+549	+746	+1775	-294	+1228	+512	+123	+301	+1510	+32	+528
40%	+2249	+2436	+2614	+2336	+3581	+2260	+480	+648	+1598	-410	+1088	+407	+104	+192	+1309	+18	+413
50%	+2061	+2251	+2389	+2098	+3248	+2067	+415	+557	+1432	-518	+956	+308	+85	+91	+1121	+5	+306
60%	+1874	+2066	+2163	+1859	+2914	+1874	+351	+466	+1267	-627	+825	+209	+67	-11	+932	-8	+198
70%	+1673	+1869	+1921	+1604	+2557	+1667	+282	+369	+1090	-742	+685	+104	+48	-119	+731	-23	+84
80%	+1438	+1637	+1638	+1306	+2139	+1426	+202	+255	+882	-878	+520	-20	+25	-247	+495	-39	-51
90%	+1113	+1316	+1246	+892	+1560	+1090	+90	+96	+595	-1066	+292	-191	-6	-423	+169	-62	-237
95%	+844	+1051	+922	+550	+1082	+814	-2	-34	+358	-1222	+104	-332	-32	-569	-101	-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	135	94	96	62	26	69	191	228	247	155	150	135	109	68	27	81	74
Number of sires	69675	53130	51024	30875	17417	41812	83243	90908	94721	77047	75203	59360	57708	31509	17483	45572	38001

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE August 2023

SIL GE # 40701

Young Rams

2022

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%	+3450	+3986	+3806	+5543	+4000	+3454	+4226	+5830	+3942	+6022
10%	+3186	+3664	+3470	+5092	+3664	+3184	+3848	+5349	+3618	+5514
20%	+2865	+3275	+3064	+4546	+3258	+2858	+3389	+4766	+3225	+4899
30%	+2633	+2994	+2771	+4152	+2965	+2623	+3059	+4346	+2942	+4456
40%	+2436	+2754	+2521	+3815	+2715	+2422	+2776	+3987	+2700	+4077
50%	+2251	+2530	+2287	+3501	+2481	+2234	+2512	+3652	+2474	+3723
60%	+2066	+2305	+2053	+3186	+2247	+2046	+2248	+3316	+2248	+3369
70%	+1869	+2065	+1802	+2850	+1997	+1845	+1966	+2957	+2006	+2990
80%	+1637	+1785	+1510	+2456	+1704	+1610	+1635	+2537	+1723	+2547
90%	+1316	+1395	+1103	+1910	+1298	+1283	+1177	+1954	+1330	+1932
95%	+1051	+1073	+768	+1459	+963	+1014	+798	+1473	+1006	+1424
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	94	76	50	24	50	56	40	23	48	23
Number of sires	53130	44641	25412	16024	30978	36270	22274	15816	32610	15816

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE August 2023

SIL GE# 40701

Young rams

2022

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	+0.033	+5.32	+2.90	+9.18	+2.84	-1.17	-0.705	+0.589	+0.276	+0.096	+0.280	+1.448	+1.361	+0.563
10%	+0.29	+0.042	+0.029	+4.79	+2.62	+8.29	+2.52	-0.19	-0.560	+0.475	+0.224	+0.080	+0.229	+1.241	+1.095	+0.490
20%	+0.25	+0.036	+0.023	+4.15	+2.28	+7.20	+2.14	+1.00	-0.385	+0.337	+0.160	+0.061	+0.168	+0.990	+0.774	+0.403
30%	+0.21	+0.031	+0.019	+3.69	+2.03	+6.42	+1.87	+1.86	-0.259	+0.237	+0.115	+0.047	+0.123	+0.809	+0.542	+0.339
50%	+0.15	+0.024	+0.012	+2.92	+1.62	+5.12	+1.41	+3.28	-0.050	+0.073	+0.039	+0.024	+0.049	+0.510	+0.159	+0.235
70%	+0.10	+0.016	+0.005	+2.16	+1.22	+3.83	+0.96	+4.70	+0.158	-0.092	-0.036	+0.002	-0.024	+0.211	-0.224	+0.130
80%	+0.06	+0.011	+0.001	+1.70	+0.97	+3.05	+0.69	+5.56	+0.285	-0.192	-0.082	-0.012	-0.069	+0.030	-0.456	+0.067
90%	+0.02	+0.005	-0.005	+1.06	+0.63	+1.96	+0.31	+6.75	+0.460	-0.330	-0.146	-0.031	-0.131	-0.221	-0.777	-0.021
95%	-0.02	-0.000	-0.010	+0.53	+0.35	+1.06	-0.01	+7.73	+0.604	-0.444	-0.198	-0.047	-0.182	-0.429	-1.043	-0.093
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	191	228	228	247	247	247	247	155	135	135	135	135	135	135	135	109
Number of sires	83243	90908	90908	94721	94721	94721	94721	77047	59360	59360	59360	59360	59360	59360	59360	57708

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE August 2023

SIL GE# 40701

Young rams

2022

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%	-37.4	-38.3	-56.1	+31.17	+1.28	-0.69	-0.82	-1.05	+0.30
10%	-29.7	-30.1	-46.6	+26.46	+1.05	-0.54	-0.65	-0.93	+0.26
20%	-20.4	-20.1	-34.9	+20.76	+0.78	-0.37	-0.45	-0.78	+0.20
30%	-13.7	-12.9	-26.6	+16.64	+0.58	-0.24	-0.30	-0.68	+0.16
50%	-2.6	-1.1	-12.7	+9.84	+0.26	-0.03	-0.06	-0.50	+0.09
70%	+8.4	+10.8	+1.1	+3.05	-0.07	+0.17	+0.19	-0.33	+0.03
80%	+15.2	+17.9	+9.5	-1.07	-0.27	+0.30	+0.34	-0.22	-0.02
90%	+24.4	+27.9	+21.1	-6.77	-0.54	+0.47	+0.54	-0.08	-0.07
95%	+32.1	+36.1	+30.7	-11.48	-0.77	+0.62	+0.71	+0.05	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	91	91	27	75
Number of sires	31617	31617	31617	7145	7145	48978	48978	17483	38109

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

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