

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

NZGE June 2023

SIL GE# 40599

Young rams

2021

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%	+2548	+274	+1417	+936	+0.033	+5.98	+3.29	+10.39	-1.083	+0.860	+0.387	+0.093	+0.373	+2.185	+1.668
10%	+2304	+233	+1272	+835	+0.028	+5.37	+2.95	+9.31	-0.936	+0.744	+0.334	+0.079	+0.321	+1.970	+1.417
20%	+2009	+183	+1098	+712	+0.022	+4.64	+2.54	+8.01	-0.759	+0.604	+0.270	+0.062	+0.257	+1.710	+1.113
30%	+1796	+148	+972	+624	+0.018	+4.11	+2.24	+7.07	-0.631	+0.502	+0.223	+0.049	+0.212	+1.523	+0.894
50%	+1444	+88	+763	+477	+0.011	+3.24	+1.75	+5.52	-0.419	+0.335	+0.147	+0.029	+0.136	+1.213	+0.531
70%	+1092	+29	+555	+331	+0.003	+2.36	+1.26	+3.96	-0.208	+0.168	+0.070	+0.009	+0.061	+0.903	+0.169
80%	+879	-6	+429	+242	-0.001	+1.83	+0.97	+3.02	-0.080	+0.067	+0.024	-0.004	+0.015	+0.716	-0.050
90%	+584	-56	+254	+120	-0.007	+1.10	+0.56	+1.72	+0.098	-0.073	-0.040	-0.021	-0.048	+0.456	-0.354
95%	+340	-97	+110	+18	-0.012	+0.50	+0.22	+0.65	+0.244	-0.189	-0.093	-0.035	-0.100	+0.241	-0.605
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	89	139	177	106	139	177	177	177	106	106	106	106	106	106	106
Number of sires	18681	25380	29983	20921	25380	29983	29983	29983	20921	20921	20921	20921	20921	20921	20921

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 June 2023

SIL GE # 40599

Young rams

2021

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%	+3160	+3288	+3669	+3531	+5037	+3187	+836	+1147	+2393	+212	+1749	+880	+204	+731	+2278	+87	+967
10%	+2898	+3030	+3355	+3215	+4643	+2916	+738	+1006	+2162	+60	+1565	+745	+177	+587	+2008	+68	+814
20%	+2581	+2717	+2974	+2832	+4168	+2587	+619	+835	+1882	-123	+1341	+581	+144	+412	+1680	+44	+629
30%	+2353	+2492	+2699	+2556	+3824	+2350	+534	+711	+1680	-256	+1180	+463	+121	+286	+1444	+28	+496
40%	+2158	+2299	+2464	+2321	+3531	+2148	+461	+606	+1508	-369	+1042	+362	+101	+178	+1243	+13	+382
50%	+1975	+2119	+2245	+2100	+3257	+1959	+392	+508	+1347	-475	+914	+267	+82	+78	+1054	-0	+276
60%	+1793	+1939	+2026	+1880	+2983	+1769	+324	+409	+1186	-581	+785	+173	+63	-23	+866	-14	+169
70%	+1598	+1746	+1791	+1644	+2690	+1567	+251	+304	+1014	-694	+647	+72	+43	-131	+664	-28	+55
80%	+1369	+1521	+1516	+1368	+2347	+1330	+165	+180	+812	-826	+486	-47	+19	-257	+428	-45	-78
90%	+1052	+1208	+1135	+985	+1871	+1002	+46	+9	+533	-1010	+263	-211	-14	-432	+100	-69	-263
95%	+791	+950	+821	+669	+1478	+730	-52	-132	+302	-1162	+78	-346	-41	-576	-170	-88	-415
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	99	97	59	25	68	204	242	264	161	153	140	118	69	27	80	73
Number of sires	70384	57184	53680	30604	16073	44281	89937	97623	102285	80489	76256	63653	63246	33175	17220	49268	40427

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE June 2023

SIL GE # 40599

Young Rams

2021

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%	+3288	+3783	+3651	+5085	+3699	+3299	+4023	+5308	+3738	+5536
10%	+3030	+3473	+3342	+4730	+3401	+3039	+3678	+4933	+3428	+5125
20%	+2717	+3098	+2967	+4300	+3039	+2723	+3259	+4479	+3054	+4628
30%	+2492	+2827	+2696	+3990	+2779	+2496	+2958	+4152	+2784	+4269
40%	+2299	+2596	+2465	+3725	+2556	+2301	+2700	+3872	+2553	+3963
50%	+2119	+2380	+2249	+3477	+2348	+2120	+2459	+3611	+2337	+3676
60%	+1939	+2164	+2033	+3230	+2140	+1938	+2218	+3350	+2122	+3390
70%	+1746	+1932	+1802	+2965	+1918	+1744	+1960	+3070	+1891	+3083
80%	+1521	+1662	+1532	+2655	+1657	+1516	+1658	+2742	+1621	+2725
90%	+1208	+1287	+1157	+2225	+1296	+1201	+1240	+2289	+1246	+2227
95%	+950	+977	+847	+1870	+998	+940	+894	+1914	+937	+1817
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	99	78	50	23	50	56	40	22	48	22
Number of sires	57184	47039	26379	15160	33046	38620	22872	14882	34907	14882

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE June 2023

SIL GE# 40599

Young rams

2021

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	+0.047	+0.034	+5.08	+2.76	+8.81	+2.78	-1.34	-0.659	+0.554	+0.264	+0.089	+0.264	+1.340	+1.259	+0.567
10%	+0.29	+0.042	+0.029	+4.57	+2.49	+7.93	+2.46	-0.38	-0.520	+0.444	+0.213	+0.074	+0.215	+1.142	+1.003	+0.491
20%	+0.24	+0.035	+0.023	+3.95	+2.16	+6.86	+2.07	+0.78	-0.351	+0.312	+0.151	+0.056	+0.155	+0.903	+0.692	+0.400
30%	+0.21	+0.030	+0.018	+3.50	+1.92	+6.10	+1.78	+1.62	-0.230	+0.216	+0.107	+0.043	+0.112	+0.730	+0.468	+0.334
50%	+0.15	+0.022	+0.011	+2.76	+1.53	+4.83	+1.32	+3.00	-0.029	+0.058	+0.034	+0.021	+0.041	+0.445	+0.099	+0.224
70%	+0.09	+0.014	+0.003	+2.02	+1.13	+3.56	+0.86	+4.39	+0.171	-0.100	-0.040	-0.001	-0.030	+0.159	-0.271	+0.115
80%	+0.05	+0.009	-0.002	+1.58	+0.90	+2.79	+0.58	+5.23	+0.293	-0.196	-0.084	-0.014	-0.073	-0.013	-0.495	+0.049
90%	+0.00	+0.002	-0.008	+0.96	+0.57	+1.73	+0.19	+6.39	+0.461	-0.328	-0.146	-0.033	-0.132	-0.253	-0.806	-0.043
95%	-0.04	-0.004	-0.013	+0.44	+0.29	+0.85	-0.14	+7.35	+0.600	-0.438	-0.196	-0.048	-0.181	-0.451	-1.062	-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	204	242	242	264	264	264	264	161	140	140	140	140	140	140	140	118
Number of sires	89937	97623	97623	102285	102285	102285	102285	80489	63653	63653	63653	63653	63653	63653	63653	63246

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE June 2023

SIL GE# 40599

Young rams

2021

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%	-36.2	-36.9	-55.2	+27.65	+1.32	-0.66	-0.81	-1.02	+0.29
10%	-28.5	-28.8	-45.7	+23.05	+1.10	-0.51	-0.63	-0.90	+0.25
20%	-19.3	-19.0	-34.2	+17.47	+0.82	-0.33	-0.42	-0.75	+0.19
30%	-12.7	-11.9	-25.9	+13.45	+0.63	-0.21	-0.27	-0.65	+0.15
50%	-1.7	-0.2	-12.3	+6.81	+0.30	+0.00	-0.02	-0.47	+0.08
70%	+9.3	+11.5	+1.4	+0.16	-0.03	+0.22	+0.22	-0.30	+0.02
80%	+15.9	+18.6	+9.7	-3.86	-0.22	+0.34	+0.38	-0.19	-0.02
90%	+25.1	+28.4	+21.1	-9.44	-0.50	+0.52	+0.59	-0.05	-0.08
95%	+32.7	+36.5	+30.6	-14.04	-0.72	+0.66	+0.76	+0.08	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	70	70	70	6	6	90	90	27	74
Number of sires	33344	33344	33344	7360	7360	52952	52952	17220	40597

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

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