

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE February 2025

SIL GE# 42372 V5

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	LWg ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
1%	+2987	+381	+1724	+1054	+0.045	+7.17	+4.04	+12.63	-1.246	+0.896	+0.392	+0.125	+0.424	+2.505	+2.109
2%	+2799	+350	+1615	+980	+0.042	+6.72	+3.78	+11.82	-1.142	+0.821	+0.358	+0.114	+0.387	+2.344	+1.920
5%	+2518	+303	+1452	+871	+0.036	+6.05	+3.39	+10.61	-0.986	+0.708	+0.308	+0.097	+0.332	+2.103	+1.636
10%	+2268	+261	+1307	+774	+0.031	+5.45	+3.05	+9.53	-0.847	+0.608	+0.263	+0.083	+0.283	+1.889	+1.384
20%	+1965	+210	+1131	+656	+0.025	+4.72	+2.63	+8.23	-0.680	+0.487	+0.208	+0.066	+0.224	+1.630	+1.079
30%	+1747	+173	+1004	+571	+0.021	+4.20	+2.33	+7.29	-0.558	+0.400	+0.169	+0.053	+0.181	+1.443	+0.859
40%	+1561	+142	+896	+498	+0.017	+3.76	+2.07	+6.49	-0.455	+0.326	+0.135	+0.042			+0.671
50%	+1387	+112	+795	+430	+0.013	+3.34	+1.83	+5.74	-0.358	+0.256	+0.104	+0.032	+0.110	+1.135	+0.495
60%	+1212	+83	+694	+363	+0.010	+2.92	+1.59	+4.99	-0.262	+0.186	+0.072	+0.022	+0.076	+0.985	+0.319
70%	+1026	+52	+586	+290	+0.006	+2.48	+1.34	+4.19	-0.158	+0.112	+0.039	+0.011	+0.039	+0.826	+0.131
80%	+808	+15	+459	+205	+0.002	+1.96	+1.04	+3.25	-0.037	+0.024	-0.001	-0.001	-0.004	+0.639	-0.089
90%	+505	-36	+283	+87	-0.004	+1.23	+0.62	+1.95	+0.131	-0.097	-0.055	-0.019	-0.063	+0.380	-0.394
95%	+255	-78	+138	-10	-0.009	+0.64	+0.28	+0.87	+0.270	-0.197	-0.100	-0.033	-0.112	+0.166	-0.646
99%	-213	-156	-134	-193	-0.019	-0.48	-0.37	-1.15	+0.530	-0.384	-0.185	-0.060	-0.204	-0.235	-1.119
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	87	142	171	98	142	171	171	171	98	98	98	98	98	98	98
Number of young rams	20988	28283	31873	22652	28283	31873	31873	31873	22652	22652	22652	22652	22652	22652	22652

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 February 2025

SIL GE # 42372 V5

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
1%	+3805	+3979	+4469	+4195	+6339	+3773	+1003	+1420	+2927	+515	+2188	+1070	+256	+1060	+3176	+124	+1266
2%	+3594	+3766	+4212	+3954	+6014	+3563	+933	+1319	+2749	+398	+2044	+978	+235	+949	+2955	+110	+1153
5%	+3277	+3446	+3827	+3592	+5526	+3247	+827	+1166	+2482	+222	+1827	+840	+204	+782	+2624	+89	+984
10%	+2995	+3162	+3485	+3270	+5093	+2966	+734	+1030	+2244	+66	+1635	+717	+176	+634	+2330	+70	+833
20%	+2653	+2818	+3071	+2880	+4569	+2626	+620	+866	+1956	-122	+1401	+568	+142	+455	+1974	+47	+651
30%	+2407	+2570	+2772	+2599	+4191	+2381	+538	+747	+1749	-258	+1233	+461	+117	+326	+1718	+30	+519
40%	+2197	+2358	+2517	+2359	+3868	+2171	+468	+646	+1572	-375	+1090	+369	+96	+215	+1499	+16	+407
50%	+2000	+2160	+2278	+2135	+3566	+1976	+403	+552	+1406	-483	+956	+284	+77	+112	+1294	+3	+302
60%	+1804	+1962	+2040	+1910	+3264	+1780	+337	+457	+1240	-592	+821	+198	+57	+9	+1089	-10	+196
70%	+1594	+1750	+1784	+1670	+2941	+1570	+267	+356	+1063	-708	+678	+106	+36	-101	+869	-24	+84
80%	+1348	+1501	+1486	+1389	+2563	+1325	+185	+237	+856	-845	+510	-1	+12	-231	+613	-41	-47
90%	+1006	+1157	+1071	+1000	+2039	+985	+72	+73	+568	-1033	+277	-150	-22	-410	+257	-64	-230
95%	+724	+873	+729	+678	+1606	+705	-22	-63	+331	-1189	+84	-272	-50	-558	-37	-83	-381
99%	+196	+340	+87	+75	+794	+178	-198	-317	-115	-1482	-277	-503	-103	-835	-588	-118	-663
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	133	65	101	61	21	81	193	213	241	153	151	130	80	65	24	96	76
Number of young rams	71174	42718	57880	31635	16053	50880	86167	89125	97136	78260	77913	66374	46503	32906	17324	55523	41884

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE February 2025

SIL GE # 42372 V5

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
1%	+3979	+4510	+4484	+6840	+4510	+4011	+4946	+6828	+4549	+7211
2%	+3766	+4263	+4233	+6488	+4269	+3791	+4667	+6469	+4293	+6826
5%	+3446	+3893	+3856	+5961	+3908	+3461	+4248	+5930	+3910	+6249
10%	+3162	+3564	+3521	+5493	+3587	+3168	+3876	+5452	+3569	+5737
20%	+2818	+3166	+3116	+4926	+3198	+2813	+3426	+4873	+3156	+5116
30%	+2570	+2879	+2824	+4517	+2917	+2557	+3101	+4455	+2859	+4668
40%	+2358	+2633	+2574	+4167	+2678	+2339	+2824	+4098	+2604	+4285
50%	+2160	+2404	+2340	+3841	+2454	+2135	+2564	+3764	+2367	+3928
60%	+1962	+2174	+2107	+3514	+2230	+1930	+2305	+3431	+2129	+3570
70%	+1750	+1929	+1857	+3165	+1991	+1712	+2027	+3074	+1875	+3188
80%	+1501	+1642	+1565	+2756	+1710	+1456	+1702	+2656	+1577	+2740
90%	+1157	+1243	+1159	+2189	+1321	+1101	+1252	+2077	+1164	+2119
95%	+873	+914	+825	+1720	+1000	+808	+880	+1598	+824	+1606
99%	+340	+297	+197	+842	+398	+259	+182	+701	+184	+644
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	65	56	35	14	38	46	30	11	41	11
Number of young rams	42718	37040	18916	9831	24816	32959	17226	8733	30348	8733

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE February 2025

SIL GE# 42372 V5

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
1%	+0.40	+0.058	+0.046	+6.13	+3.40	+10.68	+3.63	-3.26	-0.822	+0.602	+0.279	+0.118	+0.316	+1.696	+1.759	+0.714
2%	+0.37	+0.05	+0.04	+5.74	+3.19	+10.01	+3.38	-2.52	-0.729	+0.536	+0.249	+0.106	+0.283	+1.555	+1.566	+0.655
5%	+0.33	+0.048	+0.036	+5.15	+2.87	+9.00	+3.00	-1.41	-0.588	+0.439	+0.205	+0.089	+0.234	+1.343	+1.277	+0.567
10%	+0.29	+0.042	+0.031	+4.63	+2.59	+8.10	+2.66	-0.42	-0.464	+0.352	+0.166	+0.074	+0.191	+1.155	+1.020	+0.488
20%	+0.24	+0.036	+0.024	+3.99	+2.25	+7.01	+2.25	+0.77	-0.313	+0.247	+0.118	+0.056	+0.138	+0.927	+0.708	+0.393
30%	+0.21	+0.031	+0.020	+3.54	+2.00	+6.23	+1.96	+1.64	-0.204	+0.171	+0.084	+0.042	+0.100	+0.763	+0.484	+0.324
40%	+0.18	+0.027	+0.016	+3.15	+1.79	+5.56	+1.71	+2.37	-0.111	+0.106	+0.054	+0.031	+0.068	+0.623	+0.292	+0.265
50%	+0.15	+0.023	+0.012	+2.78	+1.60	+4.94	+1.47	+3.06	-0.024	+0.046	+0.027	+0.020	+0.037	+0.491	+0.113	+0.211
60%	+0.12	+0.019	+0.009	+2.42	+1.40	+4.31	+1.24	+3.75	+0.063	-0.015	-0.001	+0.010	+0.007	+0.360	-0.067	+0.156
70%	+0.09	+0.015	+0.005	+2.03	+1.19	+3.64	+0.99	+4.48	+0.156	-0.080	-0.030	-0.002	-0.026	+0.220	-0.258	+0.097
80%	+0.06	+0.010	+0.000	+1.57	+0.95	+2.86	+0.69	+5.35	+0.265	-0.156	-0.064	-0.015	-0.064	+0.055	-0.483	+0.028
90%	+0.01	+0.004	-0.006	+0.94	+0.61	+1.77	+0.28	+6.54	+0.416	-0.261	-0.112	-0.034	-0.116	-0.172	-0.794	-0.067
95%	-0.03	-0.002	-0.011	+0.41	+0.33	+0.87	-0.05	+7.53	+0.541	-0.347	-0.151	-0.049	-0.160	-0.361	-1.052	-0.145
99%	-0.10	-0.012	-0.021	-0.57	-0.20	-0.81	-0.69	+9.38	+0.775	-0.510	-0.225	-0.077	-0.241	-0.714	-1.534	-0.293
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	193	213	213	241	241	241	241	153	130	130	130	130	130	130	130	80
Number of young rams	86167	89125	89125	97136	97136	97136	97136	78260	66374	66374	66374	66374	66374	66374	66374	46503

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE February 2025

SIL GE#

42372 V5

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
1%	-54.07	-55.73	-73.04	+55.30	+1.84	-0.95	-1.10	-1.43	+0.38
2%	-48.16	-49.43	-66.14	+49.89	+1.66	-0.84	-0.98	-1.33	+0.35
5%	-39.3	-40.0	-55.8	+41.76	+1.38	-0.68	-0.79	-1.18	+0.30
10%	-31.4	-31.6	-46.6	+34.55	+1.13	-0.54	-0.62	-1.05	+0.25
20%	-21.9	-21.4	-35.5	+25.81	+0.83	-0.37	-0.41	-0.89	+0.20
30%	-15.0	-14.1	-27.4	+19.50	+0.61	-0.24	-0.27	-0.77	+0.16
40%	-9.1	-7.9	-20.6	+14.12	+0.42	-0.14	-0.14	-0.67	+0.12
50%	-3.6	-2.0	-14.1	+9.08	+0.25	-0.04	-0.02	-0.58	+0.09
60%	+1.9	+3.8	-7.7	+4.05	+0.08	+0.06	+0.09	-0.49	+0.06
70%	+7.7	+10.1	-0.9	-1.33	-0.11	+0.17	+0.22	-0.39	+0.03
80%	+14.6	+17.4	+7.2	-7.64	-0.33	+0.29	+0.37	-0.28	-0.01
90%	+24.1	+27.6	+18.3	-16.38	-0.63	+0.46	+0.57	-0.12	-0.07
95%	+32.0	+36.0	+27.5	-23.59	-0.88	+0.60	+0.74	+0.02	-0.12
99%	+46.79	+51.71	+44.74	-37.13	-1.34	+0.87	+1.05	+0.26	-0.20
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	66	66	66	5	5	107	107	24	77
Number of young rams	33003	33003	33003	7313	7313	58866	58866	17324	41981

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

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