

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE April 2025

SIL GE# 42505 v6

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
1%	+3021	+335	+1742	+1176	+0.040	+7.37	+4.04	+12.81	-1.341	+1.046	+0.454	+0.132	+0.479	+2.942	+2.561
2%	+2832	+306	+1632	+1093	+0.036	+6.91	+3.78	+11.99	-1.222	+0.951	+0.410	+0.119	+0.434	+2.753	+2.340
5%	+2550	+262	+1467	+969	+0.031	+6.21	+3.40	+10.76	-1.044	+0.809	+0.346	+0.101	+0.367	+2.471	+2.008
10%	+2299	+223	+1320	+859	+0.027	+5.59	+3.05	+9.66	-0.886	+0.682	+0.288	+0.084	+0.308	+2.220	+1.713
20%	+1995	+176	+1142	+726	+0.021	+4.85	+2.63	+8.33	-0.694	+0.529	+0.219	+0.064	+0.236	+1.916	+1.356
30%	+1776	+142	+1013	+629	+0.017	+4.31	+2.33	+7.37	-0.556	+0.419	+0.168	+0.049	+0.184	+1.697	+1.098
40%	+1589	+112	+903	+547	+0.013	+3.85	+2.07	+6.56	-0.438	+0.324	+0.125	+0.037			+0.878
50%	+1414	+85	+801	+470	+0.010	+3.41	+1.83	+5.79	-0.328	+0.236	+0.085	+0.025	+0.098	+1.335	+0.672
60%	+1239	+58	+698	+394	+0.007	+2.98	+1.59	+5.03	-0.217	+0.148	+0.045	+0.014	+0.056	+1.160	+0.466
70%	+1052	+29	+589	+311	+0.003	+2.52	+1.33	+4.21	-0.099	+0.054	+0.002	+0.001	+0.012	+0.973	+0.246
80%	+832	-5	+460	+215	-0.001	+1.98	+1.03	+3.25	+0.039	-0.057	-0.048	-0.013	-0.040	+0.754	-0.011
90%	+529	-52	+282	+82	-0.006	+1.24	+0.61	+1.92	+0.231	-0.210	-0.118	-0.033	-0.113	+0.451	-0.369
95%	+278	-91	+135	-29	-0.011	+0.62	+0.27	+0.83	+0.389	-0.336	-0.175	-0.050	-0.172	+0.200	-0.664
99%	-193	-165	-141	-235	-0.020	-0.54	-0.38	-1.23	+0.686	-0.573	-0.283	-0.081	-0.284	-0.271	-1.217
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	104	149	179	116	149	179	179	179	116	116	116	116	116	116	116
Number of young rams	23134	29357	32502	24726	29357	32502	32502	32502	24726	24726	24726	24726	24726	24726	24726

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 April 2025

SIL GE # 42505 v6

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%	+3914	+4115	+4575	+4575	+7375	+3928	+1091	+1421	+2930	+592	+2233	+1178	+276	+1343	+4119	+128	+1403
2%	+3695	+3895	+4310	+4310	+7009	+3710	+1014	+1320	+2750	+468	+2084	+1071	+253	+1204	+3847	+113	+1277
5%	+3368	+3565	+3912	+3913	+6462	+3381	+898	+1168	+2481	+282	+1861	+909	+219	+995	+3437	+90	+1088
10%	+3077	+3272	+3559	+3559	+5975	+3090	+795	+1034	+2241	+116	+1663	+765	+189	+809	+3074	+70	+920
20%	+2725	+2917	+3131	+3131	+5386	+2736	+670	+871	+1951	-84	+1423	+591	+152	+584	+2634	+45	+717
30%	+2471	+2661	+2823	+2823	+4961	+2482	+581	+753	+1742	-228	+1250	+465	+126	+422	+2316	+27	+570
40%	+2254	+2442	+2560	+2559	+4598	+2264	+504	+653	+1563	-351	+1102	+358	+103	+284	+2045	+12	+445
50%	+2051	+2238	+2313	+2313	+4259	+2061	+432	+559	+1396	-467	+963	+258	+82	+154	+1791	-2	+328
60%	+1849	+2033	+2067	+2067	+3919	+1857	+360	+465	+1229	-582	+825	+157	+61	+25	+1538	-17	+210
70%	+1632	+1814	+1804	+1803	+3556	+1640	+283	+365	+1051	-705	+677	+50	+38	-114	+1266	-32	+85
80%	+1378	+1558	+1495	+1495	+3131	+1385	+194	+248	+842	-849	+504	-75	+11	-276	+949	-50	-62
90%	+1025	+1203	+1068	+1067	+2542	+1032	+69	+85	+552	-1049	+264	-249	-25	-501	+509	-74	-265
95%	+735	+910	+715	+714	+2055	+740	-34	-50	+312	-1215	+66	-393	-56	-687	+145	-95	-433
99%	+189	+360	+52	+51	+1143	+193	-227	-302	-137	-1525	-306	-663	-113	-1035	-537	-133	-748
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	136	66	106	66	21	85	197	215	244	155	154	139	80	70	24	102	78
Number of young rams	71796	42809	58587	32291	16035	51926	86541	89525	97401	78801	78563	67490	46468	33503	17306	56974	42744

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE April 2025

SIL GE # 42505 v6

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%	+4115	+4644	+4901	+7883	+4811	+4184	+5364	+7800	+4730	+8170
2%	+3895	+4386	+4628	+7504	+4554	+3956	+5058	+7413	+4461	+7761
5%	+3565	+4000	+4218	+6936	+4168	+3614	+4600	+6834	+4056	+7146
10%	+3272	+3657	+3854	+6430	+3825	+3310	+4192	+6319	+3697	+6599
20%	+2917	+3241	+3413	+5819	+3410	+2943	+3698	+5695	+3262	+5938
30%	+2661	+2941	+3095	+5378	+3111	+2677	+3343	+5246	+2948	+5461
40%	+2442	+2685	+2823	+5001	+2855	+2451	+3038	+4862	+2680	+5053
50%	+2238	+2446	+2569	+4649	+2616	+2239	+2754	+4503	+2430	+4672
60%	+2033	+2206	+2315	+4296	+2377	+2027	+2470	+4143	+2179	+4291
70%	+1814	+1950	+2044	+3919	+2121	+1801	+2166	+3759	+1911	+3884
80%	+1558	+1650	+1726	+3478	+1822	+1536	+1810	+3310	+1598	+3406
90%	+1203	+1235	+1285	+2867	+1407	+1168	+1317	+2686	+1163	+2745
95%	+910	+891	+920	+2361	+1064	+864	+909	+2171	+804	+2199
99%	+360	+247	+237	+1414	+421	+295	+144	+1205	+130	+1174
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 Growth, Adult size, Wool, Meat, Dag	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	66	57	37	14	38	46	32	11	41	11
Number of young rams	42809	37130	19136	9828	24812	32926	17446	8730	30315	8730

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE April 2025

SIL GE# 42505 v6

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%	+0.46	+0.057	+0.044	+6.17	+3.34	+10.69	+3.88	-3.74	-0.867	+0.668	+0.313	+0.140	+0.362	+1.943	+2.183	+0.768
2%	+0.43	+0.05	+0.04	+5.77	+3.13	+10.01	+3.61	-2.96	-0.769	+0.597	+0.280	+0.126	+0.324	+1.765	+1.942	+0.704
5%	+0.37	+0.047	+0.035	+5.16	+2.82	+9.00	+3.21	-1.78	-0.621	+0.490	+0.231	+0.105	+0.267	+1.499	+1.580	+0.608
10%	+0.33	+0.041	+0.030	+4.63	+2.54	+8.10	+2.85	-0.74	-0.490	+0.395	+0.187	+0.086	+0.217	+1.263	+1.259	+0.523
20%	+0.27	+0.035	+0.024	+3.98	+2.21	+7.01	+2.41	+0.53	-0.331	+0.280	+0.135	+0.064	+0.155	+0.977	+0.869	+0.420
30%	+0.23	+0.030	+0.020	+3.51	+1.96	+6.23	+2.10	+1.44	-0.217	+0.197	+0.097	+0.047	+0.111	+0.771	+0.589	+0.346
40%	+0.20	+0.026	+0.017	+3.11	+1.75	+5.55	+1.83	+2.22	-0.119	+0.126	+0.064	+0.033	+0.074	+0.595	+0.349	+0.282
50%	+0.17	+0.023	+0.013	+2.74	+1.56	+4.93	+1.58	+2.95	-0.028	+0.060	+0.034	+0.020	+0.038	+0.430	+0.125	+0.223
60%	+0.13	+0.019	+0.010	+2.36	+1.37	+4.30	+1.33	+3.68	+0.064	-0.006	+0.004	+0.007	+0.003	+0.265	-0.099	+0.163
70%	+0.10	+0.015	+0.006	+1.96	+1.16	+3.63	+1.06	+4.46	+0.162	-0.077	-0.029	-0.007	-0.035	+0.089	-0.339	+0.100
80%	+0.06	+0.010	+0.002	+1.49	+0.92	+2.84	+0.74	+5.38	+0.276	-0.160	-0.067	-0.023	-0.079	-0.118	-0.620	+0.026
90%	+0.00	+0.004	-0.004	+0.84	+0.58	+1.75	+0.31	+6.64	+0.435	-0.275	-0.119	-0.046	-0.140	-0.404	-1.009	-0.077
95%	-0.04	-0.002	-0.009	+0.31	+0.30	+0.85	-0.05	+7.69	+0.566	-0.370	-0.163	-0.065	-0.190	-0.640	-1.331	-0.163
99%	-0.13	-0.012	-0.018	-0.70	-0.22	-0.83	-0.73	+9.65	+0.812	-0.548	-0.245	-0.100	-0.285	-1.083	-1.934	-0.322
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	197	215	215	244	244	244	244	155	139	139	139	139	139	139	139	80
Number of young rams	86541	89525	89525	97401	97401	97401	97401	78801	67490	67490	67490	67490	67490	67490	67490	46468

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE April 2025

SIL GE#

42505 v6

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%	-68.77	-72.42	-90.09	+60.41	+1.83	-1.03	-1.13	-1.85	+0.43
2%	-61.42	-64.42	-81.43	+54.74	+1.64	-0.91	-1.00	-1.73	+0.39
5%	-50.4	-52.4	-68.4	+46.24	+1.35	-0.74	-0.79	-1.54	+0.33
10%	-40.6	-41.7	-56.9	+38.69	+1.10	-0.58	-0.60	-1.38	+0.28
20%	-28.8	-28.8	-42.9	+29.54	+0.79	-0.40	-0.38	-1.18	+0.22
30%	-20.2	-19.5	-32.9	+22.95	+0.57	-0.26	-0.22	-1.04	+0.17
40%	-12.9	-11.5	-24.3	+17.31	+0.38	-0.15	-0.08	-0.92	+0.13
50%	-6.1	-4.1	-16.2	+12.05	+0.20	-0.04	+0.05	-0.80	+0.10
60%	+0.7	+3.3	-8.2	+6.78	+0.03	+0.07	+0.18	-0.69	+0.06
70%	+8.0	+11.3	+0.4	+1.15	-0.16	+0.18	+0.32	-0.57	+0.03
80%	+16.6	+20.6	+10.5	-5.45	-0.38	+0.32	+0.48	-0.43	-0.02
90%	+28.5	+33.5	+24.5	-14.59	-0.69	+0.51	+0.71	-0.23	-0.08
95%	+38.2	+44.2	+36.0	-22.14	-0.94	+0.66	+0.89	-0.07	-0.13
99%	+56.60	+64.22	+57.63	-36.31	-1.42	+0.95	+1.24	+0.24	-0.23
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	71	71	71	6	6	120	120	24	79
Number of young rams	33600	33600	33600	7527	7527	62163	62163	17306	42841

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

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