

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE March 2024

SIL GE# 41466

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	LNLY	HQLY	CWY	EMAc ¹
5%	+2555	+293	+1427	+907	+0.035	+5.96	+3.33	+10.53	-1.038	+0.747	+0.321	+0.104	+0.348	+2.189	+1.693
10%	+2307	+251	+1283	+810	+0.030	+5.36	+2.99	+9.45	-0.897	+0.646	+0.276	+0.089	+0.299	+1.971	+1.440
20%	+2006	+201	+1107	+691	+0.024	+4.64	+2.57	+8.13	-0.727	+0.523	+0.222	+0.071	+0.240	+1.708	+1.134
30%	+1789	+165	+981	+606	+0.020	+4.11	+2.27	+7.19	-0.604	+0.435	+0.183	+0.058	+0.197	+1.518	+0.913
50%	+1430	+106	+772	+465	+0.013	+3.25	+1.78	+5.62	-0.401	+0.289	+0.119	+0.037	+0.125	+1.204	+0.547
70%	+1071	+46	+563	+324	+0.006	+2.39	+1.28	+4.05	-0.198	+0.142	+0.054	+0.016	+0.054	+0.889	+0.182
80%	+854	+10	+437	+239	+0.001	+1.87	+0.99	+3.11	-0.076	+0.054	+0.015	+0.003	+0.011	+0.699	-0.039
90%	+553	-40	+262	+121	-0.005	+1.14	+0.57	+1.79	+0.095	-0.069	-0.039	-0.015	-0.048	+0.436	-0.345
95%	+304	-81	+117	+23	-0.010	+0.54	+0.23	+0.71	+0.235	-0.170	-0.084	-0.030	-0.098	+0.218	-0.598
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	100	144	185	112	144	185	185	185	112	112	112	112	112	112	112
Number of young rams	20272	26309	30550	22112	26309	30550	30550	30550	22112	22112	22112	22112	22112	22112	22112

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 March 2024

SIL GE # 41466

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%	+3256	+3430	+3805	+3597	+5286	+3283	+831	+1170	+2459	+218	+1787	+880	+205	+743	+2343	+87	+1008
10%	+2971	+3145	+3472	+3257	+4763	+2999	+737	+1030	+2224	+62	+1598	+752	+177	+603	+2043	+68	+852
20%	+2626	+2800	+3069	+2845	+4131	+2655	+624	+860	+1939	-127	+1370	+598	+144	+432	+1680	+45	+662
30%	+2377	+2551	+2778	+2548	+3674	+2407	+542	+737	+1734	-263	+1205	+486	+120	+309	+1418	+28	+525
40%	+2164	+2339	+2530	+2294	+3284	+2196	+473	+632	+1559	-379	+1065	+391	+100	+204	+1194	+13	+408
50%	+1965	+2140	+2298	+2056	+2920	+1998	+407	+534	+1395	-488	+933	+302	+80	+106	+985	+0	+298
60%	+1766	+1941	+2066	+1819	+2555	+1800	+342	+437	+1231	-597	+802	+213	+61	+7	+776	-13	+189
70%	+1553	+1729	+1818	+1565	+2165	+1588	+272	+332	+1056	-713	+661	+117	+41	-98	+552	-28	+72
80%	+1304	+1480	+1527	+1267	+1709	+1340	+191	+209	+851	-849	+497	+6	+17	-221	+290	-45	-65
90%	+958	+1135	+1124	+855	+1076	+997	+77	+39	+566	-1038	+268	-149	-16	-391	-73	-68	-255
95%	+673	+850	+791	+515	+553	+713	-16	-101	+331	-1194	+80	-277	-44	-532	-373	-87	-412
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	139	90	91	64	28	68	201	229	254	159	153	126	107	68	30	83	75
Number of young rams	72867	53140	51525	30887	18858	42371	86020	92678	96962	78537	76254	59673	56744	31461	19156	46146	37903

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE March 2024

SIL GE # 41466

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%	+3430	+3967	+3783	+5510	+3953	+3421	+4190	+5785	+3890	+6011
10%	+3145	+3637	+3447	+4987	+3615	+3141	+3817	+5274	+3563	+5469
20%	+2800	+3238	+3041	+4354	+3205	+2801	+3367	+4656	+3166	+4812
30%	+2551	+2949	+2748	+3898	+2909	+2556	+3042	+4210	+2880	+4339
40%	+2339	+2703	+2498	+3508	+2657	+2347	+2764	+3829	+2635	+3934
50%	+2140	+2473	+2264	+3144	+2421	+2151	+2504	+3473	+2407	+3556
60%	+1941	+2243	+2030	+2780	+2185	+1956	+2245	+3117	+2178	+3178
70%	+1729	+1996	+1780	+2390	+1932	+1747	+1967	+2736	+1933	+2773
80%	+1480	+1708	+1487	+1934	+1636	+1502	+1642	+2290	+1647	+2300
90%	+1135	+1308	+1081	+1301	+1227	+1162	+1191	+1672	+1250	+1643
95%	+850	+978	+746	+779	+888	+882	+819	+1161	+923	+1101
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	90	66	47	24	49	51	37	22	45	22
Number of young rams	53140	42403	23519	16372	30324	35598	20851	15207	32431	15207

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE March 2024

SIL GE# 41466

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	+0.036	+5.12	+2.85	+8.95	+2.91	-1.38	-0.639	+0.468	+0.218	+0.095	+0.246	+1.406	+1.333	+0.569
10%	+0.29	+0.042	+0.031	+4.60	+2.57	+8.07	+2.59	-0.39	-0.508	+0.379	+0.178	+0.079	+0.202	+1.207	+1.067	+0.492
20%	+0.24	+0.035	+0.024	+3.98	+2.24	+6.99	+2.19	+0.80	-0.350	+0.272	+0.129	+0.060	+0.149	+0.966	+0.745	+0.399
30%	+0.21	+0.030	+0.020	+3.53	+1.99	+6.21	+1.91	+1.66	-0.236	+0.194	+0.095	+0.046	+0.110	+0.792	+0.512	+0.331
50%	+0.15	+0.022	+0.012	+2.78	+1.59	+4.93	+1.44	+3.09	-0.048	+0.066	+0.037	+0.022	+0.047	+0.505	+0.128	+0.220
70%	+0.09	+0.014	+0.004	+2.04	+1.18	+3.65	+0.96	+4.51	+0.140	-0.061	-0.021	-0.001	-0.017	+0.218	-0.256	+0.109
80%	+0.06	+0.009	-0.001	+1.58	+0.94	+2.87	+0.68	+5.37	+0.254	-0.139	-0.056	-0.015	-0.055	+0.044	-0.488	+0.042
90%	+0.01	+0.003	-0.007	+0.96	+0.60	+1.79	+0.28	+6.57	+0.412	-0.246	-0.104	-0.034	-0.109	-0.197	-0.810	-0.052
95%	-0.03	-0.003	-0.013	+0.44	+0.32	+0.90	-0.04	+7.56	+0.543	-0.335	-0.144	-0.051	-0.153	-0.396	-1.076	-0.129
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	229	229	254	254	254	254	159	126	126	126	126	126	126	126	107
Number of young rams	86020	92678	92678	96962	96962	96962	96962	78537	59673	59673	59673	59673	59673	59673	59673	56744

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE March 2024

SIL GE# 41466

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	-38.6	-55.0	+29.14	+1.33	-0.68	-0.76	-1.05	+0.31
10%	-29.9	-30.5	-45.8	+24.25	+1.10	-0.53	-0.60	-0.92	+0.26
20%	-20.8	-20.7	-34.7	+18.32	+0.81	-0.35	-0.39	-0.75	+0.20
30%	-14.2	-13.6	-26.7	+14.05	+0.61	-0.23	-0.25	-0.64	+0.16
50%	-3.4	-1.9	-13.5	+6.98	+0.27	-0.01	-0.01	-0.44	+0.09
70%	+7.5	+9.8	-0.3	-0.08	-0.07	+0.20	+0.23	-0.25	+0.02
80%	+14.0	+16.9	+7.7	-4.35	-0.27	+0.33	+0.38	-0.13	-0.02
90%	+23.1	+26.7	+18.8	-10.28	-0.56	+0.51	+0.58	+0.03	-0.08
95%	+30.7	+34.8	+28.0	-15.17	-0.79	+0.66	+0.75	+0.17	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	69	69	69	6	6	94	94	30	76
Number of young rams	31577	31577	31577	7151	7151	49709	49709	19156	38018

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

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