

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

NZGE October 2022

SIL GE# 39716

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%	+2518	+260	+1471	+875	+0.031	+6.16	+3.42	+10.80	-1.037	+0.749	+0.330	+0.100	+0.336	+2.080	+1.683
10%	+2280	+223	+1325	+783	+0.027	+5.56	+3.08	+9.71	-0.901	+0.648	+0.285	+0.085	+0.289	+1.879	+1.436
20%	+1992	+178	+1148	+672	+0.021	+4.82	+2.66	+8.40	-0.735	+0.526	+0.229	+0.068	+0.231	+1.637	+1.136
30%	+1784	+146	+1020	+591	+0.017	+4.29	+2.36	+7.45	-0.616	+0.438	+0.190	+0.055	+0.190	+1.462	+0.920
50%	+1440	+93	+810	+458	+0.011	+3.41	+1.87	+5.89	-0.418	+0.293	+0.124	+0.035	+0.122	+1.173	+0.563
70%	+1097	+39	+599	+325	+0.005	+2.53	+1.37	+4.33	-0.221	+0.147	+0.058	+0.014	+0.053	+0.884	+0.206
80%	+889	+7	+472	+244	+0.001	+1.99	+1.07	+3.38	-0.102	+0.059	+0.018	+0.001	+0.012	+0.710	-0.010
90%	+601	-38	+295	+133	-0.005	+1.26	+0.66	+2.07	+0.064	-0.063	-0.037	-0.016	-0.045	+0.467	-0.310
95%	+363	-75	+149	+41	-0.009	+0.65	+0.31	+0.98	+0.201	-0.164	-0.083	-0.030	-0.093	+0.267	-0.557
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	99	127	160	109	127	160	160	160	109	109	109	109	109	109	109
Number of sires	19595	23089	26987	21517	23089	26987	26987	26987	21517	21517	21517	21517	21517	21517	21517

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 October 2022

SIL GE # 39716

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%	+3241	+3362	+3713	+3527	+5268	+3233	+831	+1139	+2466	+193	+1783	+877	+195	+745	+2506	+89	+960
10%	+2954	+3086	+3399	+3217	+4850	+2944	+733	+1005	+2224	+40	+1594	+746	+169	+589	+2205	+70	+813
20%	+2607	+2753	+3018	+2840	+4344	+2595	+615	+842	+1932	-146	+1365	+588	+139	+399	+1841	+46	+635
30%	+2357	+2513	+2744	+2569	+3979	+2343	+530	+725	+1721	-280	+1200	+474	+117	+263	+1578	+29	+507
40%	+2143	+2307	+2509	+2337	+3667	+2128	+458	+625	+1541	-395	+1059	+376	+98	+146	+1353	+15	+397
50%	+1944	+2115	+2290	+2120	+3376	+1926	+390	+531	+1372	-502	+928	+285	+81	+37	+1143	+1	+294
60%	+1744	+1923	+2071	+1903	+3084	+1725	+322	+438	+1204	-609	+796	+194	+63	-72	+933	-12	+192
70%	+1530	+1718	+1837	+1671	+2773	+1510	+249	+337	+1023	-723	+655	+96	+44	-189	+708	-27	+82
80%	+1280	+1477	+1562	+1400	+2408	+1258	+164	+220	+813	-857	+490	-18	+22	-325	+445	-43	-46
90%	+933	+1144	+1182	+1023	+1902	+909	+46	+57	+520	-1043	+261	-177	-8	-515	+81	-67	-224
95%	+646	+868	+868	+712	+1484	+620	-51	-77	+278	-1196	+73	-307	-34	-671	-221	-86	-371
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	141	113	103	59	32	65	202	231	249	157	153	142	136	66	37	72	72
Number of sires	76075	66662	54804	30181	19099	45011	90596	96961	100778	80575	79279	63074	73059	31977	21714	46652	40728

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE October 2022

SIL GE # 39716

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%	+3362	+3821	+3638	+5323	+3767	+3349	+3993	+5318	+3794	+5485
10%	+3086	+3510	+3344	+4939	+3457	+3064	+3670	+4948	+3479	+5080
20%	+2753	+3134	+2988	+4474	+3082	+2719	+3278	+4499	+3098	+4589
30%	+2513	+2862	+2731	+4138	+2811	+2470	+2995	+4176	+2823	+4235
40%	+2307	+2630	+2512	+3851	+2580	+2257	+2753	+3900	+2588	+3932
50%	+2115	+2413	+2306	+3583	+2364	+2058	+2527	+3642	+2369	+3650
60%	+1923	+2197	+2101	+3315	+2148	+1859	+2302	+3383	+2149	+3367
70%	+1718	+1965	+1882	+3029	+1917	+1647	+2060	+3107	+1915	+3065
80%	+1477	+1693	+1625	+2693	+1646	+1398	+1777	+2784	+1640	+2711
90%	+1144	+1317	+1269	+2228	+1271	+1052	+1385	+2336	+1258	+2220
95%	+868	+1006	+975	+1844	+961	+767	+1062	+1965	+944	+1815
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	113	84	52	29	56	57	42	22	47	22
Number of sires	66662	49893	27607	18127	34569	41845	23909	15011	35350	15011

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE October 2022

SIL GE# 39716

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	+5.23	+2.85	+9.08	+2.74	-1.13	-0.661	+0.520	+0.246	+0.089	+0.254	+1.369	+1.323	+0.539
10%	+0.29	+0.042	+0.029	+4.69	+2.57	+8.18	+2.43	-0.16	-0.522	+0.417	+0.199	+0.074	+0.206	+1.175	+1.059	+0.469
20%	+0.24	+0.035	+0.023	+4.05	+2.22	+7.08	+2.05	+1.00	-0.354	+0.293	+0.141	+0.055	+0.148	+0.939	+0.739	+0.384
30%	+0.20	+0.030	+0.019	+3.59	+1.97	+6.28	+1.77	+1.84	-0.232	+0.203	+0.100	+0.042	+0.107	+0.770	+0.508	+0.323
50%	+0.15	+0.022	+0.012	+2.82	+1.56	+4.97	+1.32	+3.23	-0.032	+0.054	+0.031	+0.020	+0.038	+0.489	+0.127	+0.221
70%	+0.09	+0.014	+0.005	+2.05	+1.15	+3.66	+0.86	+4.61	+0.169	-0.095	-0.037	-0.002	-0.031	+0.208	-0.254	+0.120
80%	+0.05	+0.010	+0.000	+1.59	+0.90	+2.87	+0.59	+5.45	+0.290	-0.185	-0.079	-0.016	-0.073	+0.039	-0.485	+0.058
90%	+0.00	+0.003	-0.006	+0.94	+0.56	+1.77	+0.20	+6.62	+0.459	-0.310	-0.136	-0.034	-0.130	-0.197	-0.805	-0.027
95%	-0.04	-0.003	-0.010	+0.41	+0.27	+0.86	-0.11	+7.58	+0.597	-0.413	-0.184	-0.050	-0.178	-0.391	-1.069	-0.097
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	202	231	231	249	249	249	249	157	142	142	142	142	142	142	142	136
Number of sires	90596	96961	96961	100778	100778	100778	100778	100778	63074	63074	63074	63074	63074	63074	63074	73059

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE October 2022

SIL GE# 39716

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%	-36.3	-38.4	-56.6	+28.23	+1.31	-0.68	-0.79	-1.12	+0.29
10%	-28.1	-29.5	-46.4	+23.72	+1.09	-0.53	-0.62	-0.99	+0.25
20%	-18.3	-18.8	-33.9	+18.25	+0.83	-0.35	-0.42	-0.83	+0.19
30%	-11.2	-11.0	-25.0	+14.30	+0.64	-0.22	-0.27	-0.71	+0.16
50%	+0.6	+1.8	-10.2	+7.78	+0.32	-0.01	-0.03	-0.51	+0.09
70%	+12.4	+14.6	+4.7	+1.26	+0.00	+0.20	+0.21	-0.32	+0.03
80%	+19.5	+22.4	+13.6	-2.69	-0.19	+0.33	+0.36	-0.20	-0.01
90%	+29.3	+33.1	+26.0	-8.16	-0.46	+0.51	+0.56	-0.04	-0.07
95%	+37.5	+42.0	+36.3	-12.67	-0.68	+0.66	+0.73	+0.10	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	67	67	67	4	4	81	81	37	74
Number of sires	32144	32144	32144	7036	7036	49937	49937	21714	41336

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

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