

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

NZGE October 2023

SIL GE# 40955

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	LNLV	HQLY	CWY	EMAc ¹
5%	+2594	+287	+1475	+903	+0.034	+6.12	+3.45	+10.81	-1.003	+0.714	+0.310	+0.105	+0.337	+2.196	+1.665
10%	+2339	+247	+1326	+804	+0.030	+5.51	+3.10	+9.70	-0.865	+0.615	+0.266	+0.090	+0.288	+1.975	+1.416
20%	+2029	+200	+1146	+685	+0.024	+4.78	+2.67	+8.36	-0.698	+0.495	+0.213	+0.072	+0.229	+1.709	+1.114
30%	+1806	+165	+1017	+599	+0.020	+4.24	+2.36	+7.39	-0.577	+0.408	+0.174	+0.059	+0.187	+1.516	+0.896
50%	+1437	+109	+802	+457	+0.013	+3.36	+1.85	+5.79	-0.378	+0.265	+0.111	+0.037	+0.117	+1.199	+0.536
70%	+1067	+52	+588	+314	+0.006	+2.49	+1.34	+4.19	-0.178	+0.122	+0.047	+0.016	+0.047	+0.881	+0.176
80%	+844	+17	+458	+228	+0.002	+1.95	+1.03	+3.22	-0.058	+0.036	+0.009	+0.003	+0.005	+0.688	-0.042
90%	+534	-30	+278	+109	-0.004	+1.22	+0.61	+1.88	+0.110	-0.084	-0.045	-0.015	-0.054	+0.422	-0.344
95%	+279	-70	+129	+10	-0.008	+0.61	+0.25	+0.77	+0.248	-0.183	-0.089	-0.030	-0.102	+0.201	-0.594
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	107	146	180	116	146	180	180	180	116	116	116	116	116	116	116
Number of sires	20801	25616	30271	22449	25616	30271	30271	30271	22449	22449	22449	22449	22449	22449	22449

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE October 2023

SIL GE # 40955

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%	+3243	+3392	+3812	+3606	+5242	+3295	+828	+1147	+2497	+199	+1811	+894	+203	+730	+2302	+89	+1005
10%	+2967	+3126	+3487	+3271	+4749	+3014	+734	+1014	+2261	+43	+1621	+766	+176	+592	+2005	+70	+849
20%	+2633	+2803	+3094	+2865	+4151	+2673	+621	+852	+1976	-145	+1391	+612	+143	+425	+1646	+47	+659
30%	+2392	+2571	+2810	+2572	+3720	+2427	+539	+736	+1770	-281	+1226	+500	+119	+305	+1387	+30	+523
40%	+2187	+2373	+2568	+2322	+3351	+2217	+469	+636	+1595	-397	+1084	+405	+98	+203	+1166	+16	+406
50%	+1994	+2187	+2341	+2088	+3007	+2021	+404	+543	+1430	-505	+952	+316	+79	+106	+959	+3	+297
60%	+1802	+2002	+2115	+1854	+2662	+1825	+339	+450	+1266	-614	+820	+227	+60	+10	+753	-10	+188
70%	+1596	+1803	+1872	+1604	+2294	+1615	+269	+350	+1090	-730	+678	+132	+40	-92	+531	-24	+71
80%	+1355	+1571	+1589	+1311	+1863	+1369	+187	+234	+885	-866	+513	+21	+16	-212	+273	-41	-65
90%	+1021	+1249	+1195	+905	+1265	+1028	+74	+72	+599	-1054	+283	-134	-17	-379	-86	-64	-254
95%	+745	+983	+870	+570	+771	+747	-19	-61	+364	-1209	+93	-261	-45	-517	-383	-83	-411
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	146	105	103	65	28	71	208	235	256	164	159	141	123	71	32	83	77
Number of sires	75459	58492	55418	31245	18731	43460	87826	92369	96529	81361	79516	62857	62843	32043	19882	45625	38466

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE October 2023

SIL GE # 40955

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%	+3392	+3953	+3741	+5410	+3948	+3415	+4178	+5649	+3900	+5878
10%	+3126	+3632	+3418	+4926	+3615	+3142	+3814	+5160	+3577	+5355
20%	+2803	+3244	+3026	+4339	+3213	+2811	+3373	+4567	+3186	+4722
30%	+2571	+2965	+2743	+3916	+2923	+2572	+3055	+4140	+2904	+4266
40%	+2373	+2726	+2502	+3555	+2675	+2369	+2784	+3774	+2663	+3876
50%	+2187	+2502	+2277	+3217	+2443	+2178	+2530	+3433	+2438	+3512
60%	+2002	+2279	+2051	+2880	+2212	+1988	+2276	+3092	+2213	+3147
70%	+1803	+2040	+1810	+2518	+1964	+1784	+2004	+2726	+1973	+2757
80%	+1571	+1760	+1527	+2096	+1674	+1546	+1687	+2299	+1691	+2301
90%	+1249	+1372	+1135	+1509	+1272	+1215	+1246	+1706	+1300	+1668
95%	+983	+1052	+812	+1025	+939	+942	+882	+1217	+977	+1145
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	105	81	53	26	54	59	42	25	51	25
Number of sires	58492	47184	25917	17339	32199	38191	22542	17131	34533	17131

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE October 2023

SIL GE# 40955

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	+0.034	+5.25	+2.90	+9.10	+2.83	-1.26	-0.635	+0.460	+0.214	+0.097	+0.245	+1.422	+1.313	+0.565
10%	+0.29	+0.042	+0.029	+4.73	+2.62	+8.21	+2.52	-0.27	-0.506	+0.373	+0.175	+0.080	+0.202	+1.225	+1.052	+0.488
20%	+0.24	+0.036	+0.023	+4.09	+2.28	+7.13	+2.14	+0.92	-0.350	+0.268	+0.128	+0.061	+0.149	+0.987	+0.736	+0.395
30%	+0.21	+0.031	+0.019	+3.64	+2.04	+6.35	+1.87	+1.78	-0.237	+0.192	+0.094	+0.047	+0.111	+0.816	+0.509	+0.328
50%	+0.15	+0.023	+0.011	+2.88	+1.63	+5.07	+1.42	+3.20	-0.051	+0.067	+0.037	+0.023	+0.048	+0.532	+0.132	+0.218
70%	+0.09	+0.015	+0.004	+2.13	+1.23	+3.78	+0.97	+4.62	+0.135	-0.058	-0.019	-0.000	-0.015	+0.248	-0.245	+0.107
80%	+0.06	+0.011	-0.000	+1.67	+0.98	+3.01	+0.69	+5.48	+0.247	-0.134	-0.053	-0.014	-0.053	+0.076	-0.472	+0.040
90%	+0.01	+0.004	-0.006	+1.04	+0.64	+1.93	+0.32	+6.67	+0.403	-0.239	-0.101	-0.034	-0.105	-0.162	-0.788	-0.053
95%	-0.03	-0.001	-0.011	+0.52	+0.36	+1.04	+0.01	+7.65	+0.532	-0.326	-0.140	-0.050	-0.149	-0.358	-1.049	-0.130
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	208	235	235	256	256	256	256	164	141	141	141	141	141	141	141	123
Number of sires	87826	92369	92369	96529	96529	96529	96529	81361	62857	62857	62857	62857	62857	62857	62857	62843

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10%	+0.29	+0.042	+0.029	+4.73	+2.62	+8.21	+2.52	-0.27	-0.506	+0.373	+0.175	+0.080	+0.202	+1.225	+1.052	+0.488
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80%	+0.06	+0.011	-0.000	+1.67	+0.98	+3.01	+0.69	+5.48	+0.247	-0.134	-0.053	-0.014	-0.053	+0.076	-0.472	+0.040
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95%	-0.03	-0.001	-0.011	+0.52	+0.36	+1.04	+0.01	+7.65	+0.532	-0.326	-0.140	-0.050	-0.149	-0.358	-1.049	-0.130
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	208	235	235	256	256	256	256	164	141	141	141	141	141	141	141	123
Number of sires	87826	92369	92369	96529	96529	96529	96529	81361	62857	62857	62857	62857	62857	62857	62857	62843

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