

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

NZGE April 2023

SIL GE# 40458

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%	+2562	+276	+1425	+950	+0.033	+6.01	+3.30	+10.45	-1.140	+0.870	+0.386	+0.094	+0.376	+2.208	+1.677	
10%	+2319	+236	+1281	+848	+0.028	+5.41	+2.97	+9.38	-0.988	+0.752	+0.333	+0.080	+0.323	+1.993	+1.427	
20%	+2024	+186	+1107	+724	+0.022	+4.68	+2.56	+8.08	-0.805	+0.610	+0.268	+0.062	+0.259	+1.733	+1.125	
30%	+1811	+151	+982	+635	+0.018	+4.16	+2.26	+7.15	-0.672	+0.508	+0.221	+0.050	+0.213	+1.545	+0.906	
50%	+1459	+92	+774	+487	+0.011	+3.28	+1.77	+5.60	-0.453	+0.338	+0.144	+0.030	+0.137	+1.235	+0.546	
70%	+1108	+33	+566	+340	+0.004	+2.41	+1.29	+4.06	-0.234	+0.169	+0.067	+0.009	+0.060	+0.925	+0.186	
80%	+895	-2	+440	+250	-0.000	+1.89	+0.99	+3.12	-0.102	+0.066	+0.021	-0.003	+0.014	+0.738	-0.032	
90%	+600	-51	+266	+127	-0.006	+1.16	+0.58	+1.83	+0.082	-0.076	-0.044	-0.021	-0.050	+0.478	-0.335	
95%	+357	-92	+122	+24	-0.011	+0.55	+0.24	+0.76	+0.234	-0.194	-0.097	-0.035	-0.102	+0.263	-0.584	
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	kg lean	sq. cm
Number of connected flocks	85	138	175	97	138	175	175	175	97	97	97	97	97	97	97	
Number of sires	18437	25343	29717	20204	25343	29717	29717	29717	20204	20204	20204	20204	20204	20204	20204	

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 2023

SIL GE # 40458

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%	+3145	+3267	+3646	+3494	+5036	+3171	+836	+1152	+2402	+220	+1748	+884	+206	+738	+2283	+86	+962
10%	+2887	+3014	+3335	+3192	+4643	+2904	+738	+1011	+2170	+66	+1567	+747	+178	+591	+2013	+67	+813
20%	+2575	+2707	+2959	+2826	+4168	+2582	+619	+841	+1890	-120	+1348	+581	+145	+413	+1686	+44	+633
30%	+2349	+2486	+2688	+2563	+3825	+2349	+533	+717	+1688	-255	+1190	+462	+121	+285	+1450	+27	+503
40%	+2157	+2297	+2456	+2337	+3533	+2150	+460	+612	+1515	-370	+1055	+360	+100	+175	+1249	+12	+392
50%	+1977	+2120	+2240	+2127	+3259	+1964	+392	+514	+1354	-477	+928	+264	+81	+73	+1061	-1	+288
60%	+1797	+1943	+2023	+1916	+2985	+1778	+323	+416	+1192	-585	+802	+169	+62	-30	+872	-15	+185
70%	+1604	+1754	+1791	+1691	+2693	+1580	+250	+311	+1020	-700	+667	+67	+41	-140	+671	-29	+74
80%	+1379	+1533	+1520	+1428	+2350	+1347	+164	+187	+818	-834	+509	-53	+17	-268	+435	-46	-56
90%	+1066	+1226	+1144	+1062	+1875	+1024	+45	+17	+537	-1021	+290	-218	-16	-446	+108	-70	-236
95%	+808	+972	+833	+760	+1483	+758	-53	-124	+306	-1175	+109	-355	-44	-593	-162	-89	-385
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	99	95	58	25	68	200	234	261	153	145	131	118	64	27	80	68
Number of sires	70450	57249	52884	29827	16071	44286	89822	96813	102380	78355	74113	60917	63321	31489	17218	49271	38496

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE April 2023

SIL GE # 40458

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%	+3267	+3766	+3605	+5081	+3673	+3278	+4002	+5309	+3732	+5521
10%	+3014	+3460	+3303	+4727	+3380	+3023	+3660	+4935	+3426	+5109
20%	+2707	+3090	+2936	+4298	+3024	+2714	+3246	+4482	+3056	+4610
30%	+2486	+2823	+2672	+3989	+2768	+2491	+2947	+4156	+2788	+4251
40%	+2297	+2595	+2447	+3725	+2549	+2301	+2692	+3877	+2560	+3943
50%	+2120	+2382	+2236	+3478	+2344	+2124	+2454	+3616	+2347	+3656
60%	+1943	+2168	+2025	+3231	+2139	+1946	+2215	+3355	+2133	+3369
70%	+1754	+1940	+1799	+2966	+1920	+1756	+1960	+3076	+1905	+3062
80%	+1533	+1673	+1535	+2657	+1664	+1533	+1661	+2750	+1638	+2702
90%	+1226	+1303	+1169	+2228	+1309	+1224	+1247	+2297	+1268	+2204
95%	+972	+997	+867	+1874	+1015	+969	+905	+1923	+962	+1792
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	99	77	50	23	49	56	40	22	48	22
Number of sires	57249	46956	26382	15158	32522	38625	22875	14880	34911	14880

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE April 2023

SIL GE# 40458

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	+0.035	+5.11	+2.78	+8.87	+2.77	-1.39	-0.684	+0.571	+0.270	+0.090	+0.271	+1.349	+1.282	+0.570
10%	+0.29	+0.042	+0.029	+4.59	+2.50	+7.99	+2.44	-0.42	-0.538	+0.456	+0.217	+0.074	+0.220	+1.149	+1.024	+0.493
20%	+0.24	+0.035	+0.023	+3.97	+2.17	+6.92	+2.05	+0.76	-0.362	+0.318	+0.153	+0.056	+0.158	+0.907	+0.711	+0.399
30%	+0.21	+0.030	+0.018	+3.52	+1.93	+6.16	+1.77	+1.61	-0.234	+0.218	+0.107	+0.043	+0.113	+0.733	+0.485	+0.332
50%	+0.15	+0.022	+0.011	+2.78	+1.54	+4.89	+1.31	+3.02	-0.024	+0.053	+0.031	+0.021	+0.039	+0.445	+0.112	+0.221
70%	+0.09	+0.014	+0.003	+2.05	+1.14	+3.62	+0.84	+4.43	+0.187	-0.113	-0.045	-0.001	-0.035	+0.156	-0.262	+0.110
80%	+0.05	+0.009	-0.001	+1.60	+0.90	+2.85	+0.56	+5.28	+0.315	-0.213	-0.091	-0.015	-0.080	-0.018	-0.487	+0.043
90%	+0.00	+0.002	-0.008	+0.98	+0.57	+1.78	+0.17	+6.46	+0.491	-0.351	-0.155	-0.033	-0.142	-0.260	-0.800	-0.050
95%	-0.04	-0.003	-0.013	+0.46	+0.30	+0.90	-0.15	+7.44	+0.637	-0.466	-0.208	-0.048	-0.193	-0.460	-1.059	-0.127
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	200	234	234	261	261	261	261	153	131	131	131	131	131	131	131	118
Number of sires	89822	96813	96813	102380	102380	102380	102380	78355	60917	60917	60917	60917	60917	60917	60917	63321

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE April 2023

SIL GE# 40458

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%	-36.5	-37.3	-56.1	+27.62	+1.37	-0.65	-0.81	-1.02	+0.29
10%	-28.8	-29.0	-46.4	+22.97	+1.14	-0.50	-0.63	-0.90	+0.25
20%	-19.4	-19.0	-34.6	+17.34	+0.86	-0.32	-0.42	-0.76	+0.19
30%	-12.6	-11.8	-26.2	+13.28	+0.66	-0.20	-0.27	-0.65	+0.15
50%	-1.4	+0.1	-12.2	+6.57	+0.32	+0.01	-0.02	-0.48	+0.09
70%	+9.8	+12.0	+1.8	-0.14	-0.01	+0.22	+0.23	-0.30	+0.02
80%	+16.6	+19.2	+10.3	-4.20	-0.21	+0.35	+0.38	-0.20	-0.02
90%	+26.0	+29.2	+22.0	-9.83	-0.49	+0.53	+0.59	-0.05	-0.07
95%	+33.8	+37.5	+31.7	-14.48	-0.73	+0.67	+0.76	+0.07	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	65	65	65	6	6	90	90	27	69
Number of sires	31658	31658	31658	7362	7362	52954	52954	17218	38666

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

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