

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

NZGE November 2022

SIL GE# 39770

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	VWT	CWT	LW8 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLV	HQLV	CWY	EMAc <sup>1</sup>
5%	+2492	+264	+1455	+870	+0.031	+6.10	+3.38	+10.68	-1.034	+0.745	+0.330	+0.100	+0.334	+2.064	+1.733
10%	+2259	+226	+1311	+779	+0.027	+5.51	+3.04	+9.61	-0.898	+0.645	+0.284	+0.086	+0.287	+1.867	+1.483
20%	+1976	+181	+1137	+669	+0.022	+4.78	+2.64	+8.32	-0.734	+0.524	+0.229	+0.068	+0.231	+1.628	+1.181
30%	+1772	+148	+1012	+589	+0.018	+4.26	+2.34	+7.39	-0.616	+0.437	+0.190	+0.056	+0.190	+1.455	+0.963
50%	+1435	+94	+805	+458	+0.011	+3.40	+1.85	+5.85	-0.420	+0.293	+0.124	+0.035	+0.122	+1.171	+0.602
70%	+1098	+40	+598	+326	+0.005	+2.54	+1.37	+4.30	-0.225	+0.149	+0.059	+0.014	+0.054	+0.886	+0.242
80%	+894	+8	+473	+247	+0.001	+2.01	+1.07	+3.37	-0.106	+0.061	+0.019	+0.002	+0.013	+0.714	+0.024
90%	+611	-38	+299	+137	-0.004	+1.29	+0.66	+2.08	+0.058	-0.060	-0.036	-0.015	-0.043	+0.475	-0.278
95%	+377	-75	+156	+46	-0.009	+0.69	+0.32	+1.01	+0.194	-0.160	-0.081	-0.030	-0.090	+0.277	-0.528
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	134	168	115	134	168	168	168	115	115	115	115	115	115	115
Number of sires	20721	24538	28461	22667	24538	28461	28461	28461	22667	22667	22667	22667	22667	22667	22667

<sup>1</sup>These 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](http://www.sil.co.nz))

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## NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE November 2022

SIL GE # 39770

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%	+3224	+3344	+3700	+3515	+5261	+3227	+828	+1137	+2455	+200	+1770	+884	+194	+746	+2525	+89	+959
10%	+2939	+3070	+3387	+3206	+4844	+2941	+730	+1003	+2214	+46	+1580	+753	+169	+589	+2219	+70	+812
20%	+2594	+2738	+3009	+2832	+4339	+2594	+612	+841	+1923	-140	+1350	+594	+138	+400	+1849	+46	+634
30%	+2345	+2498	+2736	+2562	+3975	+2343	+527	+724	+1713	-274	+1184	+480	+115	+263	+1582	+29	+506
40%	+2133	+2294	+2503	+2331	+3663	+2129	+454	+624	+1534	-389	+1042	+382	+96	+146	+1354	+15	+396
50%	+1934	+2102	+2285	+2116	+3372	+1930	+385	+531	+1366	-496	+910	+290	+78	+37	+1141	+1	+294
60%	+1736	+1911	+2067	+1900	+3082	+1730	+317	+437	+1199	-603	+777	+198	+61	-72	+928	-12	+191
70%	+1523	+1707	+1834	+1670	+2770	+1516	+244	+338	+1019	-718	+636	+100	+42	-189	+700	-27	+81
80%	+1275	+1467	+1561	+1400	+2406	+1266	+159	+221	+809	-852	+470	-14	+19	-326	+433	-44	-47
90%	+930	+1135	+1182	+1025	+1901	+918	+41	+58	+518	-1038	+240	-173	-12	-516	+63	-67	-225
95%	+645	+861	+869	+716	+1483	+632	-57	-75	+278	-1191	+50	-305	-37	-672	-243	-87	-372
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	144	115	105	59	32	65	210	235	256	163	159	146	141	66	37	73	72
Number of sires	77135	67566	55701	30205	19115	45037	92574	98139	102626	83302	82006	64162	75335	32001	21730	46809	40753

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## NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE November 2022

SIL GE # 39770

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%	+3344	+3806	+3626	+5316	+3748	+3343	+4001	+5316	+3797	+5491
10%	+3070	+3497	+3333	+4933	+3442	+3059	+3676	+4947	+3484	+5084
20%	+2738	+3122	+2978	+4468	+3071	+2716	+3282	+4499	+3104	+4592
30%	+2498	+2851	+2722	+4132	+2804	+2469	+2998	+4176	+2831	+4237
40%	+2294	+2620	+2504	+3846	+2575	+2258	+2756	+3901	+2597	+3933
50%	+2102	+2405	+2300	+3578	+2362	+2060	+2529	+3643	+2379	+3650
60%	+1911	+2189	+2095	+3311	+2148	+1862	+2302	+3385	+2161	+3366
70%	+1707	+1958	+1877	+3024	+1920	+1651	+2059	+3109	+1927	+3063
80%	+1467	+1688	+1621	+2689	+1652	+1404	+1775	+2786	+1653	+2708
90%	+1135	+1313	+1266	+2224	+1281	+1061	+1381	+2339	+1274	+2215
95%	+861	+1003	+973	+1840	+975	+777	+1056	+1969	+961	+1809
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	115	86	52	29	56	57	42	22	47	22
Number of sires	67566	50791	27632	18143	34595	41872	23934	15027	35376	15027

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## NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE November 2022

SIL GE# 39770

Young Rams

2021

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LW8 <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>	FW12
5%	+0.33	+0.047	+0.033	+5.20	+2.84	+9.05	+2.73	-1.26	-0.671	+0.531	+0.250	+0.089	+0.257	+1.377	+1.291	+0.537
10%	+0.29	+0.042	+0.029	+4.67	+2.56	+8.15	+2.41	-0.29	-0.531	+0.427	+0.202	+0.074	+0.209	+1.183	+1.034	+0.466
20%	+0.24	+0.035	+0.023	+4.03	+2.21	+7.05	+2.03	+0.89	-0.361	+0.301	+0.144	+0.055	+0.151	+0.947	+0.724	+0.380
30%	+0.20	+0.030	+0.018	+3.57	+1.97	+6.26	+1.76	+1.74	-0.238	+0.210	+0.103	+0.042	+0.109	+0.777	+0.500	+0.318
50%	+0.14	+0.022	+0.012	+2.81	+1.56	+4.96	+1.30	+3.14	-0.036	+0.059	+0.034	+0.020	+0.040	+0.496	+0.129	+0.215
70%	+0.08	+0.014	+0.005	+2.04	+1.15	+3.65	+0.85	+4.54	+0.167	-0.091	-0.035	-0.002	-0.030	+0.215	-0.242	+0.112
80%	+0.05	+0.010	+0.000	+1.58	+0.90	+2.86	+0.58	+5.39	+0.289	-0.182	-0.077	-0.016	-0.072	+0.045	-0.466	+0.050
90%	-0.00	+0.003	-0.005	+0.94	+0.56	+1.76	+0.19	+6.57	+0.459	-0.308	-0.135	-0.035	-0.130	-0.191	-0.777	-0.036
95%	-0.04	-0.003	-0.010	+0.41	+0.28	+0.86	-0.12	+7.54	+0.599	-0.412	-0.183	-0.050	-0.178	-0.385	-1.033	-0.108
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	210	235	235	256	256	256	256	163	146	146	146	146	146	146	146	141
Number of sires	92574	98139	98139	102626	102626	102626	102626	83302	64162	64162	64162	64162	64162	64162	64162	75335

<sup>1</sup>These BVs not used in standard SIL indexes

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## NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE November 2022

SIL GE# 39770

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	+28.38	+1.31	-0.68	-0.79	-1.13	+0.29
10%	-28.2	-29.6	-46.4	+23.87	+1.09	-0.53	-0.62	-1.00	+0.25
20%	-18.3	-18.8	-33.9	+18.40	+0.82	-0.35	-0.42	-0.83	+0.19
30%	-11.2	-11.0	-25.0	+14.46	+0.63	-0.22	-0.27	-0.71	+0.15
50%	+0.6	+1.8	-10.1	+7.94	+0.32	-0.01	-0.03	-0.51	+0.09
70%	+12.4	+14.6	+4.7	+1.42	+0.00	+0.21	+0.22	-0.31	+0.03
80%	+19.5	+22.3	+13.6	-2.52	-0.19	+0.34	+0.36	-0.19	-0.01
90%	+29.4	+33.1	+26.1	-7.99	-0.46	+0.52	+0.57	-0.03	-0.07
95%	+37.6	+42.0	+36.3	-12.51	-0.68	+0.67	+0.74	+0.11	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	67	67	67	5	5	82	82	37	74
Number of sires	32168	32168	32168	7168	7168	50094	50094	21730	41361

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

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