

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

NZGE December 2023

SIL GE# 41059

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%	+2571	+277	+1467	+905	+0.033	+6.10	+3.43	+10.78	-1.011	+0.715	+0.310	+0.105	+0.336	+2.202	+1.673
10%	+2320	+239	+1319	+807	+0.028	+5.49	+3.08	+9.67	-0.872	+0.616	+0.266	+0.090	+0.288	+1.982	+1.423
20%	+2015	+192	+1140	+687	+0.023	+4.76	+2.65	+8.33	-0.704	+0.496	+0.212	+0.072	+0.229	+1.716	+1.120
30%	+1795	+158	+1011	+601	+0.019	+4.23	+2.35	+7.36	-0.582	+0.409	+0.174	+0.059	+0.187	+1.524	+0.901
50%	+1432	+103	+798	+459	+0.012	+3.35	+1.84	+5.77	-0.382	+0.266	+0.111	+0.038	+0.117	+1.206	+0.540
70%	+1069	+47	+584	+317	+0.006	+2.47	+1.33	+4.17	-0.181	+0.123	+0.047	+0.016	+0.047	+0.889	+0.179
80%	+849	+13	+455	+231	+0.002	+1.94	+1.03	+3.21	-0.060	+0.037	+0.009	+0.003	+0.005	+0.697	-0.040
90%	+544	-33	+276	+112	-0.004	+1.21	+0.60	+1.87	+0.109	-0.083	-0.044	-0.015	-0.053	+0.430	-0.343
95%	+293	-72	+128	+13	-0.009	+0.60	+0.25	+0.76	+0.248	-0.182	-0.088	-0.030	-0.102	+0.210	-0.593
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	109	147	182	118	147	182	182	182	118	118	118	118	118	118	118
Number of sires	20992	25657	30384	22640	25657	30384	30384	30384	22640	22640	22640	22640	22640	22640	22640

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 December 2023

SIL GE # 41059

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%	+3247	+3406	+3794	+3623	+5240	+3294	+824	+1146	+2482	+203	+1801	+879	+204	+730	+2309	+88	+1002
10%	+2961	+3127	+3468	+3277	+4716	+3006	+729	+1011	+2246	+48	+1610	+752	+176	+592	+2008	+69	+845
20%	+2615	+2789	+3073	+2857	+4080	+2657	+615	+848	+1960	-140	+1378	+598	+143	+425	+1643	+45	+656
30%	+2366	+2545	+2789	+2554	+3622	+2406	+532	+730	+1753	-276	+1211	+488	+119	+304	+1380	+29	+519
40%	+2153	+2337	+2546	+2295	+3231	+2191	+461	+629	+1577	-392	+1068	+393	+99	+201	+1156	+14	+402
50%	+1953	+2142	+2318	+2053	+2865	+1990	+395	+535	+1412	-500	+934	+304	+80	+105	+946	+1	+293
60%	+1754	+1947	+2091	+1811	+2499	+1790	+330	+441	+1247	-608	+801	+216	+61	+9	+736	-13	+184
70%	+1541	+1739	+1848	+1552	+2108	+1575	+259	+341	+1071	-724	+658	+121	+40	-94	+511	-27	+67
80%	+1291	+1495	+1563	+1250	+1650	+1323	+176	+223	+864	-859	+491	+11	+16	-215	+248	-44	-70
90%	+945	+1157	+1169	+830	+1015	+975	+62	+60	+578	-1047	+259	-143	-17	-382	-117	-67	-259
95%	+659	+877	+843	+483	+490	+687	-33	-75	+342	-1202	+67	-270	-44	-520	-418	-87	-416
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	151	107	108	66	29	75	218	239	261	170	165	146	124	71	32	86	77
Number of sires	77139	59626	57661	31371	19706	44605	90763	93167	97852	82927	81083	65096	63202	32077	19900	46678	38491

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE December 2023

SIL GE # 41059

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%	+3406	+3940	+3761	+5410	+3959	+3412	+4184	+5674	+3901	+5900
10%	+3127	+3617	+3428	+4895	+3618	+3133	+3811	+5168	+3573	+5360
20%	+2789	+3225	+3024	+4271	+3205	+2797	+3358	+4555	+3175	+4707
30%	+2545	+2942	+2733	+3821	+2907	+2554	+3032	+4113	+2888	+4236
40%	+2337	+2701	+2484	+3437	+2653	+2346	+2754	+3735	+2643	+3833
50%	+2142	+2475	+2252	+3078	+2415	+2152	+2494	+3382	+2414	+3456
60%	+1947	+2250	+2019	+2718	+2177	+1958	+2233	+3029	+2185	+3080
70%	+1739	+2008	+1770	+2334	+1923	+1751	+1955	+2651	+1940	+2677
80%	+1495	+1726	+1479	+1884	+1625	+1508	+1629	+2209	+1653	+2206
90%	+1157	+1334	+1076	+1260	+1212	+1171	+1177	+1596	+1256	+1553
95%	+877	+1010	+742	+745	+871	+893	+803	+1090	+927	+1013
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	107	81	54	27	54	62	42	25	51	25
Number of sires	59626	47262	26041	18314	32222	39317	22567	17149	34561	17149

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE December 2023

SIL GE# 41059

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	+0.047	+0.035	+5.20	+2.89	+9.04	+2.82	-1.28	-0.621	+0.447	+0.209	+0.095	+0.240	+1.406	+1.295	+0.566
10%	+0.29	+0.041	+0.030	+4.68	+2.61	+8.15	+2.51	-0.30	-0.492	+0.360	+0.170	+0.079	+0.197	+1.210	+1.035	+0.489
20%	+0.24	+0.035	+0.023	+4.05	+2.27	+7.07	+2.13	+0.89	-0.337	+0.255	+0.123	+0.059	+0.144	+0.974	+0.721	+0.396
30%	+0.20	+0.030	+0.019	+3.59	+2.02	+6.29	+1.85	+1.75	-0.225	+0.180	+0.089	+0.045	+0.105	+0.803	+0.495	+0.330
50%	+0.15	+0.022	+0.012	+2.84	+1.61	+5.00	+1.40	+3.16	-0.040	+0.055	+0.032	+0.022	+0.042	+0.520	+0.121	+0.219
70%	+0.09	+0.015	+0.004	+2.09	+1.21	+3.72	+0.95	+4.58	+0.146	-0.071	-0.024	-0.001	-0.021	+0.238	-0.253	+0.109
80%	+0.05	+0.010	-0.000	+1.63	+0.96	+2.94	+0.68	+5.44	+0.258	-0.146	-0.059	-0.015	-0.059	+0.067	-0.480	+0.042
90%	+0.01	+0.003	-0.006	+1.00	+0.62	+1.86	+0.30	+6.63	+0.413	-0.251	-0.106	-0.034	-0.112	-0.169	-0.794	-0.051
95%	-0.03	-0.002	-0.011	+0.48	+0.34	+0.97	-0.02	+7.61	+0.542	-0.338	-0.145	-0.050	-0.156	-0.365	-1.053	-0.128
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	218	239	239	261	261	261	261	170	146	146	146	146	146	146	146	124
Number of sires	90763	93167	93167	97852	97852	97852	97852	82927	65096	65096	65096	65096	65096	65096	65096	63202

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE December 2023

SIL GE# 41059

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%	-36.5	-37.1	-54.5	+30.49	+1.36	-0.69	-0.77	-1.04	+0.30
10%	-29.1	-29.3	-45.5	+25.39	+1.13	-0.54	-0.60	-0.90	+0.26
20%	-20.3	-19.8	-34.5	+19.22	+0.84	-0.36	-0.40	-0.74	+0.20
30%	-13.9	-13.0	-26.6	+14.77	+0.64	-0.23	-0.25	-0.62	+0.16
50%	-3.4	-1.7	-13.6	+7.41	+0.30	-0.02	-0.01	-0.42	+0.09
70%	+7.1	+9.6	-0.6	+0.05	-0.04	+0.19	+0.24	-0.23	+0.02
80%	+13.5	+16.4	+7.3	-4.40	-0.24	+0.32	+0.38	-0.11	-0.02
90%	+22.4	+25.9	+18.3	-10.58	-0.52	+0.50	+0.59	+0.05	-0.08
95%	+29.7	+33.7	+27.3	-15.67	-0.76	+0.65	+0.75	+0.19	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	72	72	72	6	6	96	96	32	78
Number of sires	32190	32190	32190	7151	7151	50079	50079	19900	38603

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

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