

NZGE Indexes and gBVs - Terminal - Young Ram Percentile Bands

NZGE July 2024

SIL GE# 41698

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	VWT	CWT	LW8 ¹	FATY	LEANY ¹	SHLY	LNLY	HQLY	CWY	EMAc ¹
5%	+2505	+299	+1409	+878	+0.036	+5.90	+3.28	+10.33	-1.006	+0.731	+0.314	+0.099	+0.337	+2.129	+1.689
10%	+2260	+258	+1266	+782	+0.031	+5.31	+2.95	+9.26	-0.867	+0.629	+0.269	+0.084	+0.288	+1.915	+1.434
20%	+1962	+207	+1093	+665	+0.025	+4.59	+2.54	+7.97	-0.698	+0.506	+0.214	+0.066	+0.228	+1.655	+1.126
30%	+1748	+171	+968	+581	+0.020	+4.08	+2.24	+7.04	-0.576	+0.417	+0.174	+0.054	+0.185	+1.469	+0.904
50%	+1394	+111	+762	+442	+0.013	+3.22	+1.75	+5.50	-0.375	+0.270	+0.109	+0.033	+0.114	+1.160	+0.536
70%	+1039	+52	+556	+303	+0.006	+2.37	+1.26	+3.96	-0.173	+0.124	+0.043	+0.011	+0.042	+0.851	+0.168
80%	+825	+15	+431	+219	+0.002	+1.86	+0.97	+3.02	-0.052	+0.035	+0.004	-0.001	-0.001	+0.664	-0.054
90%	+527	-35	+258	+102	-0.004	+1.14	+0.56	+1.73	+0.117	-0.088	-0.051	-0.019	-0.061	+0.405	-0.362
95%	+282	-76	+115	+6	-0.009	+0.55	+0.22	+0.66	+0.257	-0.190	-0.097	-0.034	-0.110	+0.191	-0.617
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	112	152	195	132	152	195	195	195	132	132	132	132	132	132	132
Number of young rams	22150	27209	31687	24753	27209	31687	31687	31687	24753	24753	24753	24753	24753	24753	24753

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 July 2024

SIL GE # 41698

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%	+3258	+3454	+3832	+3610	+5245	+3297	+832	+1125	+2433	+249	+1827	+859	+204	+747	+2345	+87	+990
10%	+2970	+3164	+3480	+3265	+4725	+3008	+737	+992	+2199	+93	+1633	+733	+176	+607	+2039	+68	+834
20%	+2620	+2813	+3054	+2848	+4094	+2658	+623	+830	+1916	-95	+1397	+580	+143	+437	+1668	+45	+646
30%	+2368	+2560	+2746	+2547	+3639	+2405	+540	+713	+1711	-231	+1228	+469	+119	+315	+1400	+28	+510
40%	+2153	+2343	+2484	+2290	+3250	+2190	+470	+614	+1537	-347	+1083	+375	+98	+211	+1172	+14	+394
50%	+1951	+2141	+2238	+2050	+2887	+1988	+404	+521	+1373	-456	+948	+287	+79	+113	+958	+0	+286
60%	+1750	+1939	+1993	+1809	+2524	+1786	+338	+428	+1210	-564	+812	+199	+60	+15	+745	-13	+177
70%	+1535	+1722	+1730	+1552	+2135	+1571	+268	+328	+1036	-680	+668	+105	+40	-89	+516	-27	+61
80%	+1283	+1469	+1422	+1251	+1680	+1318	+185	+212	+831	-816	+498	-6	+16	-212	+249	-44	-75
90%	+933	+1118	+996	+834	+1049	+968	+71	+50	+548	-1004	+263	-159	-18	-381	-122	-67	-263
95%	+645	+828	+644	+489	+528	+679	-24	-84	+314	-1160	+69	-285	-45	-521	-429	-86	-419
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	90	101	65	30	73	203	231	260	165	162	142	107	70	32	89	82
Number of young rams	73622	53080	54543	31573	19084	43259	86616	92976	98000	79995	78202	64034	56683	32392	19382	47874	39977

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE July 2024

SIL GE # 41698

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%	+3454	+4010	+3811	+5475	+3966	+3440	+4240	+5753	+3929	+5985
10%	+3164	+3670	+3473	+4959	+3624	+3155	+3861	+5247	+3590	+5447
20%	+2813	+3258	+3065	+4333	+3211	+2810	+3402	+4635	+3181	+4796
30%	+2560	+2962	+2770	+3882	+2913	+2561	+3071	+4193	+2886	+4326
40%	+2343	+2708	+2518	+3497	+2658	+2349	+2788	+3815	+2633	+3925
50%	+2141	+2471	+2283	+3137	+2420	+2150	+2524	+3463	+2397	+3550
60%	+1939	+2234	+2048	+2777	+2182	+1952	+2259	+3110	+2161	+3175
70%	+1722	+1981	+1796	+2391	+1927	+1739	+1977	+2732	+1909	+2774
80%	+1469	+1684	+1501	+1940	+1629	+1490	+1646	+2290	+1614	+2304
90%	+1118	+1272	+1093	+1315	+1216	+1146	+1187	+1678	+1204	+1653
95%	+828	+933	+755	+799	+875	+861	+808	+1172	+866	+1115
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	90	69	47	24	50	53	39	22	46	22
Number of young rams	53080	42674	23510	16363	30457	35992	21058	15207	32661	15207

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE July 2024

SIL GE# 41698

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	+0.034	+5.07	+2.82	+8.82	+2.87	-1.57	-0.621	+0.464	+0.217	+0.092	+0.244	+1.367	+1.294	+0.565
10%	+0.29	+0.041	+0.029	+4.56	+2.54	+7.94	+2.55	-0.59	-0.492	+0.376	+0.177	+0.076	+0.200	+1.171	+1.031	+0.488
20%	+0.24	+0.035	+0.023	+3.94	+2.20	+6.87	+2.16	+0.60	-0.337	+0.269	+0.129	+0.057	+0.147	+0.933	+0.713	+0.395
30%	+0.21	+0.030	+0.018	+3.49	+1.96	+6.10	+1.88	+1.46	-0.225	+0.192	+0.094	+0.044	+0.109	+0.761	+0.483	+0.328
50%	+0.15	+0.022	+0.011	+2.74	+1.56	+4.83	+1.42	+2.88	-0.040	+0.064	+0.036	+0.021	+0.046	+0.477	+0.103	+0.217
70%	+0.09	+0.014	+0.004	+2.00	+1.15	+3.56	+0.96	+4.31	+0.145	-0.063	-0.021	-0.001	-0.017	+0.194	-0.277	+0.106
80%	+0.06	+0.010	-0.001	+1.55	+0.91	+2.79	+0.68	+5.17	+0.257	-0.140	-0.056	-0.015	-0.055	+0.022	-0.506	+0.039
90%	+0.01	+0.003	-0.007	+0.93	+0.57	+1.72	+0.29	+6.36	+0.413	-0.247	-0.104	-0.034	-0.108	-0.216	-0.825	-0.054
95%	-0.03	-0.002	-0.012	+0.41	+0.29	+0.84	-0.03	+7.34	+0.541	-0.335	-0.144	-0.050	-0.151	-0.413	-1.088	-0.131
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	203	231	231	260	260	260	260	165	142	142	142	142	142	142	142	107
Number of young rams	86616	92976	92976	98000	98000	98000	98000	79995	64034	64034	64034	64034	64034	64034	64034	56683

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE July 2024

SIL GE# 41698

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%	-37.0	-38.6	-55.3	+27.92	+1.25	-0.68	-0.76	-1.05	+0.31
10%	-29.7	-30.6	-46.0	+22.92	+1.02	-0.53	-0.60	-0.91	+0.26
20%	-20.9	-20.9	-34.8	+16.87	+0.74	-0.35	-0.40	-0.73	+0.20
30%	-14.6	-13.9	-26.8	+12.50	+0.53	-0.22	-0.25	-0.61	+0.16
50%	-4.1	-2.3	-13.4	+5.28	+0.20	-0.01	-0.01	-0.40	+0.09
70%	+6.4	+9.3	-0.1	-1.94	-0.14	+0.20	+0.23	-0.20	+0.02
80%	+12.7	+16.3	+8.0	-6.31	-0.34	+0.33	+0.37	-0.07	-0.02
90%	+21.5	+26.0	+19.2	-12.37	-0.62	+0.51	+0.57	+0.10	-0.08
95%	+28.8	+34.0	+28.5	-17.37	-0.85	+0.66	+0.73	+0.24	-0.13
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	72	72	72	6	6	101	101	34	85
Number of young rams	32508	32508	32508	7150	7150	51439	51439	20376	41084

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

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