

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

NZGE February 2024

SIL GE# 41335

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	+290	+1438	+908	+0.035	+5.99	+3.36	+10.60	-1.032	+0.746	+0.321	+0.104	+0.347	+2.193	+1.702
10%	+2322	+249	+1292	+810	+0.030	+5.38	+3.01	+9.50	-0.892	+0.644	+0.276	+0.089	+0.298	+1.977	+1.449
20%	+2021	+199	+1115	+693	+0.024	+4.65	+2.59	+8.18	-0.723	+0.521	+0.222	+0.071	+0.238	+1.715	+1.143
30%	+1804	+164	+987	+608	+0.020	+4.13	+2.29	+7.22	-0.601	+0.433	+0.183	+0.058	+0.195	+1.526	+0.922
50%	+1444	+104	+775	+467	+0.012	+3.26	+1.79	+5.64	-0.400	+0.286	+0.118	+0.037	+0.124	+1.213	+0.557
70%	+1085	+45	+564	+327	+0.005	+2.39	+1.29	+4.06	-0.198	+0.140	+0.053	+0.015	+0.053	+0.901	+0.192
80%	+868	+9	+436	+242	+0.001	+1.86	+0.98	+3.10	-0.076	+0.051	+0.014	+0.003	+0.010	+0.712	-0.029
90%	+566	-40	+258	+124	-0.005	+1.13	+0.56	+1.77	+0.093	-0.072	-0.041	-0.015	-0.050	+0.450	-0.335
95%	+317	-81	+112	+26	-0.010	+0.53	+0.21	+0.68	+0.232	-0.174	-0.085	-0.030	-0.099	+0.234	-0.588
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	96	139	181	107	139	181	181	181	107	107	107	107	107	107	107
Number of young rams	19424	25792	30327	21261	25792	30327	30327	30327	21261	21261	21261	21261	21261	21261	21261

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 February 2024

SIL GE # 41335

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%	+3275	+3430	+3806	+3632	+5363	+3294	+831	+1183	+2475	+213	+1798	+881	+205	+733	+2373	+87	+1017
10%	+2994	+3154	+3476	+3287	+4844	+3009	+738	+1042	+2240	+57	+1609	+754	+178	+595	+2069	+67	+860
20%	+2654	+2820	+3076	+2870	+4215	+2664	+625	+871	+1955	-131	+1380	+600	+145	+428	+1701	+44	+669
30%	+2408	+2579	+2787	+2569	+3762	+2415	+544	+748	+1749	-266	+1215	+490	+121	+308	+1436	+27	+532
40%	+2199	+2374	+2540	+2312	+3374	+2202	+475	+643	+1573	-382	+1074	+395	+100	+205	+1209	+13	+415
50%	+2003	+2181	+2310	+2071	+3012	+2003	+410	+544	+1409	-491	+942	+307	+81	+109	+997	-1	+305
60%	+1807	+1989	+2079	+1831	+2650	+1805	+345	+446	+1245	-599	+810	+218	+62	+13	+786	-14	+195
70%	+1597	+1783	+1833	+1574	+2263	+1592	+276	+341	+1069	-715	+669	+124	+41	-90	+559	-28	+78
80%	+1352	+1542	+1544	+1273	+1809	+1343	+195	+217	+864	-851	+504	+13	+17	-210	+294	-45	-60
90%	+1012	+1208	+1144	+855	+1181	+998	+82	+47	+579	-1039	+275	-141	-16	-376	-74	-69	-250
95%	+731	+933	+813	+510	+662	+713	-11	-95	+343	-1194	+85	-268	-44	-514	-378	-88	-408
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	135	89	89	62	26	67	197	221	245	158	151	124	107	67	30	82	75
Number of young rams	71337	52179	51223	30646	17859	42325	84450	90918	95303	78500	76042	59413	56741	31262	19156	46003	37893

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE February 2024

SIL GE # 41335

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%	+3430	+3968	+3816	+5580	+3971	+3430	+4218	+5818	+3895	+6057
10%	+3154	+3639	+3477	+5068	+3631	+3149	+3842	+5303	+3567	+5509
20%	+2820	+3241	+3067	+4449	+3219	+2809	+3387	+4680	+3170	+4845
30%	+2579	+2953	+2770	+4003	+2922	+2564	+3059	+4230	+2884	+4367
40%	+2374	+2708	+2517	+3621	+2669	+2355	+2778	+3845	+2640	+3958
50%	+2181	+2479	+2281	+3265	+2431	+2159	+2516	+3486	+2411	+3576
60%	+1989	+2249	+2044	+2908	+2194	+1963	+2254	+3127	+2183	+3194
70%	+1783	+2004	+1791	+2527	+1940	+1753	+1974	+2743	+1938	+2785
80%	+1542	+1717	+1495	+2080	+1643	+1508	+1646	+2293	+1652	+2306
90%	+1208	+1318	+1085	+1461	+1232	+1168	+1191	+1669	+1255	+1642
95%	+933	+989	+745	+950	+891	+887	+815	+1154	+927	+1094
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	89	65	47	23	49	51	36	22	44	22
Number of young rams	52179	42145	23514	15415	30320	35592	20593	15207	32172	15207

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE February 2024

SIL GE# 41335

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	+0.037	+5.15	+2.88	+9.01	+2.91	-1.35	-0.636	+0.467	+0.218	+0.096	+0.247	+1.408	+1.323	+0.572
10%	+0.29	+0.042	+0.031	+4.64	+2.60	+8.12	+2.58	-0.36	-0.507	+0.378	+0.178	+0.080	+0.203	+1.210	+1.060	+0.495
20%	+0.24	+0.035	+0.025	+4.01	+2.26	+7.04	+2.19	+0.83	-0.350	+0.271	+0.129	+0.060	+0.150	+0.971	+0.741	+0.401
30%	+0.21	+0.030	+0.020	+3.56	+2.01	+6.26	+1.90	+1.69	-0.237	+0.194	+0.095	+0.046	+0.111	+0.798	+0.510	+0.334
50%	+0.15	+0.022	+0.012	+2.82	+1.61	+4.98	+1.43	+3.11	-0.050	+0.066	+0.037	+0.023	+0.048	+0.513	+0.130	+0.222
70%	+0.10	+0.014	+0.005	+2.07	+1.20	+3.69	+0.96	+4.53	+0.137	-0.062	-0.021	-0.000	-0.015	+0.227	-0.250	+0.111
80%	+0.06	+0.009	-0.000	+1.62	+0.96	+2.91	+0.67	+5.38	+0.250	-0.139	-0.055	-0.014	-0.054	+0.055	-0.481	+0.043
90%	+0.01	+0.003	-0.007	+1.00	+0.62	+1.84	+0.28	+6.58	+0.407	-0.247	-0.104	-0.034	-0.107	-0.185	-0.800	-0.050
95%	-0.03	-0.003	-0.012	+0.48	+0.33	+0.95	-0.05	+7.56	+0.536	-0.335	-0.144	-0.050	-0.151	-0.382	-1.063	-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	197	221	221	245	245	245	245	158	124	124	124	124	124	124	124	107
Number of young rams	84450	90918	90918	95303	95303	95303	95303	78500	59413	59413	59413	59413	59413	59413	59413	56741

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE February 2024

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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%	-36.7	-37.5	-54.8	+29.37	+1.32	-0.68	-0.76	-1.07	+0.31
10%	-29.4	-29.6	-45.8	+24.49	+1.09	-0.53	-0.59	-0.93	+0.26
20%	-20.6	-20.1	-34.9	+18.59	+0.81	-0.35	-0.39	-0.76	+0.20
30%	-14.2	-13.2	-27.0	+14.32	+0.60	-0.22	-0.24	-0.64	+0.16
50%	-3.7	-1.8	-13.9	+7.28	+0.27	-0.01	-0.00	-0.45	+0.09
70%	+6.9	+9.6	-0.9	+0.24	-0.06	+0.20	+0.24	-0.25	+0.02
80%	+13.2	+16.5	+7.0	-4.02	-0.26	+0.33	+0.39	-0.13	-0.02
90%	+22.1	+26.0	+17.9	-9.93	-0.54	+0.51	+0.59	+0.03	-0.08
95%	+29.4	+33.9	+27.0	-14.81	-0.77	+0.66	+0.76	+0.17	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	68	68	68	6	6	93	93	30	76
Number of young rams	31377	31377	31377	7151	7151	49568	49568	19156	38007

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

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