

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

NZGE March 2023

SIL GE# 40730

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%	+2504	+270	+1422	+874	+0.032	+5.98	+3.30	+10.47	-1.025	+0.755	+0.328	+0.098	+0.338	+2.086	+1.744
10%	+2268	+230	+1278	+783	+0.027	+5.38	+2.97	+9.40	-0.889	+0.653	+0.283	+0.083	+0.291	+1.887	+1.489
20%	+1982	+181	+1104	+672	+0.022	+4.65	+2.56	+8.10	-0.724	+0.530	+0.228	+0.066	+0.233	+1.646	+1.180
30%	+1776	+146	+979	+592	+0.017	+4.13	+2.26	+7.16	-0.605	+0.441	+0.189	+0.053	+0.191	+1.473	+0.957
50%	+1435	+88	+772	+459	+0.010	+3.26	+1.77	+5.62	-0.408	+0.294	+0.123	+0.032	+0.122	+1.185	+0.589
70%	+1094	+30	+564	+327	+0.004	+2.40	+1.29	+4.07	-0.212	+0.147	+0.058	+0.011	+0.053	+0.898	+0.221
80%	+888	-5	+439	+247	-0.001	+1.88	+0.99	+3.14	-0.093	+0.058	+0.019	-0.001	+0.012	+0.724	-0.002
90%	+602	-54	+265	+136	-0.006	+1.15	+0.58	+1.84	+0.072	-0.066	-0.036	-0.019	-0.046	+0.483	-0.310
95%	+366	-94	+121	+44	-0.011	+0.55	+0.24	+0.77	+0.208	-0.168	-0.081	-0.033	-0.094	+0.284	-0.565
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	76	138	174	88	138	174	174	174	88	88	88	88	88	88	88
Number of sires	17500	25354	29726	19267	25354	29726	29726	29726	19267	19267	19267	19267	19267	19267	19267

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 March 2023

SIL GE # 40730

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%	+3158	+3273	+3653	+3492	+5059	+3195	+835	+1146	+2412	+221	+1756	+865	+203	+751	+2309	+90	+978
10%	+2896	+3016	+3339	+3184	+4661	+2922	+736	+1005	+2181	+65	+1575	+734	+175	+595	+2036	+70	+829
20%	+2580	+2705	+2959	+2810	+4180	+2592	+616	+835	+1900	-123	+1355	+577	+141	+406	+1705	+46	+649
30%	+2351	+2480	+2685	+2541	+3833	+2353	+529	+713	+1698	-259	+1197	+463	+117	+270	+1466	+28	+519
40%	+2156	+2289	+2451	+2311	+3536	+2150	+455	+608	+1525	-375	+1062	+366	+96	+154	+1263	+14	+408
50%	+1974	+2110	+2232	+2095	+3259	+1960	+386	+510	+1363	-484	+935	+275	+77	+45	+1072	-0	+304
60%	+1791	+1931	+2013	+1880	+2982	+1769	+317	+412	+1202	-592	+809	+184	+58	-64	+882	-14	+201
70%	+1596	+1739	+1779	+1650	+2685	+1566	+243	+308	+1029	-708	+674	+87	+37	-180	+678	-29	+90
80%	+1368	+1515	+1505	+1381	+2338	+1328	+156	+185	+827	-844	+515	-26	+12	-316	+439	-47	-40
90%	+1051	+1204	+1125	+1007	+1857	+997	+36	+15	+546	-1032	+296	-184	-21	-505	+109	-71	-221
95%	+789	+947	+812	+699	+1459	+724	-63	-125	+315	-1188	+114	-314	-49	-661	-165	-91	-369
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	132	99	91	55	25	68	199	231	259	153	145	122	118	60	27	79	68
Number of sires	70320	57265	51472	28779	16073	44300	89695	95981	102206	78402	74158	59216	63337	30357	17220	48535	38519

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE March 2023	SIL GE # 40730	Young Rams	2021
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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%	+3273	+3766	+3596	+5086	+3698	+3295	+3991	+5310	+3757	+5492
10%	+3016	+3458	+3289	+4731	+3400	+3035	+3650	+4941	+3448	+5084
20%	+2705	+3086	+2917	+4300	+3040	+2719	+3236	+4495	+3074	+4590
30%	+2480	+2817	+2649	+3989	+2780	+2492	+2937	+4173	+2804	+4234
40%	+2289	+2588	+2419	+3724	+2558	+2298	+2682	+3897	+2573	+3929
50%	+2110	+2373	+2205	+3476	+2350	+2117	+2444	+3640	+2357	+3645
60%	+1931	+2159	+1991	+3228	+2143	+1935	+2206	+3383	+2142	+3360
70%	+1739	+1930	+1762	+2962	+1921	+1741	+1951	+3108	+1911	+3056
80%	+1515	+1661	+1494	+2652	+1661	+1514	+1652	+2785	+1641	+2700
90%	+1204	+1289	+1122	+2221	+1300	+1199	+1238	+2339	+1267	+2206
95%	+947	+981	+814	+1865	+1003	+938	+896	+1970	+957	+1798
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	75	47	23	49	56	37	22	48	22
Number of sires	57265	45917	25328	15158	32537	38635	21821	14880	34921	14880

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE March 2023

SIL GE# 40730

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	+0.048	+0.034	+5.10	+2.79	+8.94	+2.82	-1.40	-0.654	+0.509	+0.238	+0.088	+0.251	+1.363	+1.290	+0.563
10%	+0.29	+0.042	+0.029	+4.59	+2.52	+8.06	+2.49	-0.41	-0.514	+0.407	+0.192	+0.073	+0.203	+1.167	+1.033	+0.485
20%	+0.24	+0.035	+0.022	+3.97	+2.19	+6.99	+2.09	+0.78	-0.345	+0.284	+0.136	+0.054	+0.145	+0.930	+0.720	+0.391
30%	+0.20	+0.030	+0.018	+3.52	+1.95	+6.22	+1.80	+1.64	-0.222	+0.195	+0.096	+0.041	+0.104	+0.759	+0.495	+0.323
50%	+0.14	+0.022	+0.010	+2.78	+1.55	+4.94	+1.32	+3.06	-0.020	+0.049	+0.029	+0.018	+0.035	+0.477	+0.123	+0.211
70%	+0.08	+0.014	+0.003	+2.05	+1.16	+3.67	+0.84	+4.48	+0.182	-0.098	-0.038	-0.004	-0.033	+0.195	-0.249	+0.099
80%	+0.05	+0.009	-0.001	+1.60	+0.92	+2.90	+0.55	+5.34	+0.305	-0.187	-0.079	-0.018	-0.075	+0.024	-0.474	+0.031
90%	-0.00	+0.002	-0.008	+0.98	+0.59	+1.83	+0.15	+6.53	+0.474	-0.310	-0.135	-0.036	-0.132	-0.213	-0.786	-0.063
95%	-0.04	-0.004	-0.013	+0.47	+0.32	+0.94	-0.18	+7.52	+0.614	-0.412	-0.181	-0.052	-0.180	-0.409	-1.044	-0.141
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	199	231	231	259	259	259	259	153	122	122	122	122	122	122	122	118
Number of sires	89695	95981	95981	102206	102206	102206	102206	78402	59216	59216	59216	59216	59216	59216	59216	63337

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE March 2023

SIL GE# 40730

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%	-36.7	-38.5	-56.8	+27.24	+1.35	-0.68	-0.81	-1.04	+0.30
10%	-28.5	-29.7	-46.7	+22.80	+1.13	-0.53	-0.64	-0.91	+0.25
20%	-18.6	-19.0	-34.4	+17.41	+0.86	-0.35	-0.43	-0.77	+0.20
30%	-11.4	-11.3	-25.5	+13.53	+0.66	-0.22	-0.27	-0.66	+0.16
50%	+0.4	+1.4	-10.9	+7.12	+0.34	+0.00	-0.02	-0.48	+0.09
70%	+12.2	+14.1	+3.7	+0.70	+0.01	+0.22	+0.24	-0.30	+0.03
80%	+19.4	+21.8	+12.5	-3.18	-0.18	+0.35	+0.39	-0.20	-0.01
90%	+29.3	+32.5	+24.8	-8.56	-0.46	+0.54	+0.60	-0.05	-0.07
95%	+37.5	+41.3	+34.9	-13.00	-0.68	+0.69	+0.78	+0.07	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	61	61	61	6	6	88	88	27	69
Number of sires	30526	30526	30526	7362	7362	51816	51816	17220	38689

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

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