

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

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NZGE April 2021

SIL GE# 38372

Rams born in 2019

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%	+2040	+223	+1145	+768	+0.037	+5.91	+3.25	+10.41	-0.907	+0.646	+0.279	+0.116	+0.317	+2.086	+1.719
10%	+1859	+193	+1037	+689	+0.032	+5.36	+2.94	+9.41	-0.789	+0.556	+0.238	+0.100	+0.270	+1.890	+1.474
20%	+1640	+156	+907	+594	+0.026	+4.69	+2.56	+8.21	-0.647	+0.447	+0.188	+0.081	+0.214	+1.654	+1.177
30%	+1482	+130	+813	+525	+0.021	+4.21	+2.29	+7.34	-0.545	+0.368	+0.153	+0.067	+0.173	+1.483	+0.963
50%	+1220	+87	+657	+411	+0.014	+3.42	+1.85	+5.90	-0.375	+0.237	+0.094	+0.045	+0.105	+1.201	+0.609
70%	+959	+44	+502	+297	+0.007	+2.62	+1.40	+4.46	-0.206	+0.107	+0.035	+0.022	+0.038	+0.918	+0.255
80%	+800	+18	+408	+228	+0.003	+2.14	+1.13	+3.59	-0.103	+0.028	-0.001	+0.008	0.000	0.000	+0.041
90%	+581	-19	+277	+133	-0.003	+1.47	+0.75	+2.38	+0.039	-0.081	-0.051	-0.011	-0.060	+0.511	-0.256
95%	+400	-49	+169	+54	-0.008	+0.92	+0.44	+1.39	+0.156	-0.172	-0.091	-0.027	-0.107	+0.315	-0.501
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	107	144	176	120	144	176	176	176	120	120	120	120	120	120	120
Number of rams	19646	23151	26880	21273	23151	26880	26880	26880	21273	21273	21273	21273	21273	21273	21273

¹ 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)

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NZGE Indexes - Dual Purpose - Young Ram Percentile Bands

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NZGE April 2021

SIL GE # 38372

Rams born in 2019

Threshold to be in top X%	NZGE Dual Purpose Indexes					NZGE Dual Purpose Sub-indexes										
	NZMW	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+2994	+3465	+3146	+4808	+2900	+729	+805	+2236	+197	+1608	+797	+338	+582	+2132	+74	+494
10%	+2727	+3164	+2885	+4430	+2627	+640	+708	+2016	+55	+1434	+680	+294	+455	+1867	+59	+415
20%	+2404	+2799	+2568	+3974	+2297	+532	+589	+1750	-118	+1224	+538	+240	+302	+1546	+40	+318
30%	+2171	+2535	+2340	+3644	+2059	+454	+504	+1558	-242	+1072	+436	+202	+191	+1315	+26	+249
40%	+1972	+2311	+2145	+3363	+1856	+388	+431	+1394	-348	+943	+348	+169	+96	+1117	+15	+190
50%	+1787	+2100	+1963	+3100	+1666	+326	+363	+1241	-447	+821	+267	+138	+8	+933	+4	+134
60%	+1601	+1890	+1781	+2837	+1476	+263	+294	+1088	-546	+700	+185	+108	-80	+748	-7	+79
70%	+1402	+1665	+1586	+2555	+1273	+197	+221	+924	-652	+570	+98	+75	-175	+550	-19	+19
80%	+1169	+1402	+1358	+2226	+1035	+119	+136	+732	-776	+419	-4	+36	-286	+319	-32	-50
90%	+846	+1037	+1041	+1769	+705	+11	+18	+466	-949	+208	-146	-17	-439	-1	-51	-146
95%	+579	+736	+780	+1392	+432	-78	-80	+246	-1091	+34	-263	-61	-566	-266	-67	-226
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 "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	119	97	44	27	40	215	259	286	169	169	162	146	51	33	47	69
Number of rams	66801	53412	23425	15949	26617	92083	98133	102971	79598	79598	63433	75124	24611	17790	28264	40774

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NZGE gBV's - Dual Purpose - Young Ram Percentile Bands

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NZGE April 2021

SIL GE# 38372

Rams born in

2019

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%	+0.31	+0.044	+0.033	+5.10	+2.83	+8.93	+2.78	-1.34	-0.567	+0.422	+0.197	+0.098	+0.233	+1.306	+1.237	+0.517
10%	+0.27	+0.039	+0.028	+4.58	+2.55	+8.05	+2.45	-0.37	-0.450	+0.344	+0.162	+0.081	+0.191	+1.116	+0.987	+0.449
20%	+0.23	+0.032	+0.022	+3.96	+2.20	+6.97	+2.05	+0.80	-0.307	+0.249	+0.119	+0.061	+0.141	+0.887	+0.685	+0.367
30%	+0.19	+0.028	+0.018	+3.50	+1.96	+6.19	+1.77	+1.64	-0.205	+0.181	+0.088	+0.046	+0.105	+0.721	+0.468	+0.307
50%	+0.13	+0.020	+0.011	+2.75	+1.55	+4.91	+1.29	+3.04	-0.035	+0.068	+0.037	+0.023	+0.044	+0.447	+0.108	+0.209
70%	+0.08	+0.012	+0.004	+2.00	+1.14	+3.63	+0.82	+4.44	+0.135	-0.045	-0.014	-0.001	-0.016	+0.174	-0.253	+0.111
80%	+0.04	+0.007	-0.000	+1.55	+0.90	+2.85	+0.54	+5.28	+0.237	-0.114	-0.045	-0.016	-0.052	+0.008	-0.470	+0.051
90%	-0.01	+0.000	-0.006	+0.92	+0.55	+1.78	+0.14	+6.45	+0.379	-0.209	-0.088	-0.036	-0.103	-0.222	-0.772	-0.031
95%	-0.05	-0.005	-0.011	+0.40	+0.27	+0.89	-0.19	+7.42	+0.497	-0.287	-0.123	-0.053	-0.145	-0.411	-1.022	-0.099
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	215	259	259	286	286	286	286	169	162	162	162	162	162	162	162	146
Number of rams	92083	98133	98133	102971	102971	102971	102971	79598	63433	63433	63433	63433	63433	63433	63433	75124

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE April 2021

SIL GE# 38372

Rams born in

2019

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%	-37.6	-38.4	-56.8	+43.08	+1.16	-0.66	-0.65	-1.09	+0.26
10%	-28.8	-29.1	-46.5	+37.75	+0.93	-0.53	-0.51	-0.96	+0.22
20%	-18.2	-17.8	-33.9	+31.29	+0.65	-0.36	-0.35	-0.79	+0.17
30%	-10.5	-9.6	-24.9	+26.64	+0.45	-0.24	-0.23	-0.68	+0.13
50%	+2.1	+3.8	-9.9	+18.94	+0.11	-0.05	-0.04	-0.48	+0.07
70%	+14.8	+17.3	+5.1	+11.25	-0.22	+0.15	+0.16	-0.28	+0.01
80%	+22.5	+25.4	+14.1	+6.59	-0.42	+0.27	+0.27	-0.16	-0.02
90%	+33.1	+36.7	+26.7	+0.13	-0.70	+0.43	+0.44	+0.00	-0.07
95%	+41.9	+46.1	+37.1	-5.20	-0.93	+0.57	+0.57	+0.14	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	52	52	52	3	3	53	53	33	71
Number of rams	24732	24732	24732	942	942	31060	31060	17790	41735

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

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