

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

NZGE October 2021

SIL GE# 38662

Rams born in

2020

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%	+2129	+226	+1178	+829	+0.037	+6.02	+3.36	+10.66	-1.092	+0.835	+0.375	+0.104	+0.371	+2.083	+1.632
10%	+1935	+195	+1065	+744	+0.032	+5.45	+3.03	+9.62	-0.955	+0.727	+0.325	+0.089	+0.320	+1.889	+1.394
20%	+1701	+158	+929	+641	+0.026	+4.76	+2.64	+8.36	-0.788	+0.596	+0.264	+0.072	+0.258	+1.654	+1.105
30%	+1532	+132	+831	+567	+0.022	+4.26	+2.36	+7.45	-0.668	+0.501	+0.220	+0.059	+0.214	+1.485	+0.897
50%	+1253	+88	+669	+444	+0.015	+3.44	+1.89	+5.95	-0.470	+0.345	+0.148	+0.038	+0.141	+1.205	+0.554
70%	+974	+44	+506	+322	+0.007	+2.62	+1.42	+4.45	-0.272	+0.188	+0.075	+0.017	+0.068	+0.925	+0.210
80%	+805	+18	+408	+247	+0.003	+2.12	+1.14	+3.55	-0.152	+0.094	+0.031	+0.005	+0.023	+0.756	+0.002
90%	+571	-19	+272	+144	-0.003	+1.43	+0.74	+2.29	+0.015	-0.038	-0.030	-0.013	-0.038	+0.521	-0.286
95%	+377	-50	+159	+59	-0.008	+0.86	+0.42	+1.25	+0.152	-0.146	-0.080	-0.028	-0.089	+0.327	-0.524
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	116	143	180	132	143	180	180	180	132	132	132	132	132	132	132
Number of rams	20670	22581	26057	22125	22581	26057	26057	26057	22125	22125	22125	22125	22125	22125	22125

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 Ram Percentile Bands

NZGE October 2021

SIL GE # 38662

Rams born in

2020

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%	+3197	+3746	+3683	+4975	+3171	+764	+962	+2273	+155	+1638	+881	+337	+617	+2118	+77	+544
10%	+2915	+3411	+3373	+4586	+2880	+674	+851	+2059	+14	+1470	+748	+294	+500	+1857	+60	+459
20%	+2573	+3005	+2998	+4116	+2528	+566	+715	+1800	-157	+1266	+587	+241	+358	+1542	+40	+357
30%	+2327	+2713	+2727	+3776	+2274	+487	+618	+1614	-280	+1119	+471	+203	+256	+1314	+26	+283
40%	+2117	+2463	+2495	+3486	+2058	+420	+534	+1454	-385	+993	+372	+170	+168	+1119	+13	+219
50%	+1920	+2229	+2279	+3215	+1855	+357	+456	+1305	-483	+876	+279	+140	+86	+938	+2	+160
60%	+1723	+1995	+2063	+2944	+1652	+294	+379	+1156	-582	+759	+186	+109	+5	+756	-10	+101
70%	+1512	+1745	+1832	+2654	+1435	+227	+295	+996	-687	+633	+87	+77	-83	+561	-22	+38
80%	+1266	+1453	+1561	+2315	+1181	+149	+198	+810	-810	+486	-29	+39	-185	+334	-37	-36
90%	+924	+1047	+1185	+1844	+829	+40	+62	+551	-981	+282	-190	-14	-327	+18	-57	-138
95%	+642	+712	+875	+1456	+539	-50	-49	+337	-1122	+114	-323	-58	-445	-243	-74	-223
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	127	102	45	33	49	231	257	287	181	181	173	152	53	39	56	81
Number of rams	68058	54718	24192	20162	33111	85216	89784	93380	76852	76852	65163	74062	25591	21816	34193	38283

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE October 2021

SIL GE# 38662

Rams born in **2020**

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%	+0.34	+0.058	+0.034	+5.20	+2.87	+9.09	+2.83	-1.05	-0.685	+0.594	+0.281	+0.087	+0.276	+1.363	+1.191	+0.516
10%	+0.29	+0.051	+0.029	+4.69	+2.59	+8.21	+2.51	-0.09	-0.538	+0.474	+0.226	+0.072	+0.223	+1.171	+0.946	+0.449
20%	+0.24	+0.042	+0.023	+4.07	+2.26	+7.16	+2.13	+1.07	-0.362	+0.329	+0.160	+0.053	+0.159	+0.939	+0.649	+0.367
30%	+0.21	+0.036	+0.019	+3.62	+2.02	+6.39	+1.86	+1.90	-0.234	+0.225	+0.112	+0.039	+0.113	+0.772	+0.436	+0.308
50%	+0.15	+0.026	+0.012	+2.88	+1.62	+5.14	+1.40	+3.29	-0.023	+0.052	+0.033	+0.017	+0.036	+0.496	+0.082	+0.211
70%	+0.09	+0.016	+0.006	+2.14	+1.23	+3.88	+0.95	+4.67	+0.188	-0.121	-0.045	-0.005	-0.041	+0.219	-0.271	+0.114
80%	+0.05	+0.010	+0.001	+1.69	+0.99	+3.11	+0.67	+5.51	+0.316	-0.225	-0.093	-0.019	-0.087	+0.052	-0.485	+0.055
90%	+0.00	+0.001	-0.004	+1.07	+0.65	+2.06	+0.29	+6.67	+0.492	-0.370	-0.159	-0.037	-0.151	-0.180	-0.782	-0.027
95%	-0.04	-0.006	-0.009	+0.56	+0.38	+1.18	-0.02	+7.63	+0.639	-0.490	-0.214	-0.053	-0.204	-0.371	-1.027	-0.094
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	231	257	257	287	287	287	287	181	173	173	173	173	173	173	173	152
Number of rams	85216	89784	89784	93380	93380	93380	93380	76852	65163	65163	65163	65163	65163	65163	65163	74062

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE October 2021

SIL GE# 38662

Rams born in 2020

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%	-38.6	-42.1	-59.0	+52.11	+0.83	-0.68	-0.68	-1.09	+0.29
10%	-30.6	-33.2	-49.7	+45.84	+0.63	-0.54	-0.53	-0.95	+0.24
20%	-20.9	-22.4	-38.3	+38.25	+0.38	-0.36	-0.36	-0.79	+0.19
30%	-13.9	-14.6	-30.1	+32.78	+0.20	-0.24	-0.23	-0.67	+0.15
50%	-2.3	-1.7	-16.6	+23.73	-0.10	-0.03	-0.02	-0.48	+0.09
70%	+9.3	+11.2	-3.1	+14.69	-0.40	+0.17	+0.19	-0.29	+0.02
80%	+16.3	+19.0	+5.1	+9.21	-0.58	+0.30	+0.32	-0.17	-0.02
90%	+26.0	+29.8	+16.5	+1.63	-0.83	+0.47	+0.49	-0.01	-0.07
95%	+34.1	+38.7	+25.9	-4.64	-1.03	+0.62	+0.64	+0.12	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	62	62	39	83
Number of rams	25698	25698	25698	911	911	36799	36799	21816	39191

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

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