

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

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NZGE December 2019

SIL GE# 37066

Rams born in 2018

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%	+2087	+210	+1165	+791	+0.035	+5.99	+3.31	+10.60	-0.978	+0.595	+0.261	+0.130	+0.304	+2.159	+1.754
10%	+1911	+182	+1058	+713	+0.030	+5.44	+3.01	+9.61	-0.857	+0.514	+0.223	+0.113	+0.260	+1.959	+1.521
20%	+1698	+147	+929	+618	+0.024	+4.78	+2.63	+8.41	-0.711	+0.417	+0.178	+0.094	+0.207	+1.718	+1.239
30%	+1544	+122	+836	+549	+0.020	+4.31	+2.37	+7.55	-0.605	+0.347	+0.145	+0.079	+0.169	+1.544	+1.035
50%	+1289	+81	+682	+436	+0.013	+3.52	+1.92	+6.12	-0.431	+0.230	+0.091	+0.056	+0.106	+1.257	+0.699
70%	+1035	+39	+528	+323	+0.006	+2.73	+1.48	+4.69	-0.257	+0.114	+0.036	+0.032	+0.043	+0.969	+0.362
80%	+881	+15	+435	+254	+0.002	+2.26	+1.21	+3.83	-0.151	+0.044	+0.003	+0.018	0.000	0.000	+0.159
90%	+668	-20	+306	+159	-0.003	+1.60	+0.84	+2.63	-0.005	-0.054	-0.042	-0.002	-0.048	+0.554	-0.124
95%	+492	-49	+199	+81	-0.008	+1.05	+0.53	+1.64	+0.116	-0.135	-0.080	-0.018	-0.092	+0.355	-0.357
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	103	145	177	115	145	177	177	177	115	115	115	115	115	115	115
Number of rams	19456	24753	28152	20648	24753	28152	28152	28152	20648	20648	20648	20648	20648	20648	20648

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

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NZGE December 2019

SIL GE # 37066

Rams born in

2018

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%	+2974	+3539	+3162	+5037	+3106	+732	+772	+2257	+146	+1609	+819	+387	+611	+2354	+90	+516
10%	+2720	+3240	+2912	+4637	+2810	+642	+680	+2047	+7	+1443	+710	+340	+482	+2075	+73	+438
20%	+2413	+2879	+2609	+4151	+2451	+534	+568	+1792	-161	+1242	+579	+282	+327	+1738	+53	+344
30%	+2191	+2618	+2391	+3802	+2192	+455	+488	+1609	-283	+1097	+484	+241	+215	+1495	+39	+276
40%	+2002	+2395	+2205	+3503	+1970	+388	+419	+1452	-386	+973	+403	+206	+119	+1288	+27	+218
50%	+1825	+2187	+2030	+3223	+1764	+326	+354	+1306	-483	+858	+328	+173	+30	+1093	+15	+164
60%	+1648	+1979	+1856	+2944	+1557	+263	+290	+1159	-580	+742	+252	+140	-60	+899	+4	+110
70%	+1459	+1756	+1670	+2645	+1336	+196	+221	+1002	-684	+618	+171	+104	-156	+692	-9	+52
80%	+1237	+1496	+1452	+2295	+1077	+118	+141	+819	-805	+473	+77	+63	-268	+449	-23	-16
90%	+930	+1134	+1149	+1810	+718	+10	+29	+565	-973	+272	-55	+6	-423	+112	-43	-110
95%	+676	+836	+899	+1409	+421	-80	-63	+354	-1112	+106	-163	-41	-552	-167	-59	-187
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	129	98	39	25	27	222	240	263	163	163	156	161	40	27	30	60
Number of rams	73067	52194	21671	14206	13399	93981	94602	97931	82863	82863	60050	79634	21671	15048	13728	38953

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE December 2019

SIL GE# 37066

Rams born in

2018

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%	+0.32	+0.044	+0.031	+5.25	+2.90	+9.28	+2.56	-0.99	-0.591	+0.381	+0.180	+0.100	+0.222	+1.354	+1.239	+0.662
10%	+0.28	+0.038	+0.026	+4.74	+2.63	+8.39	+2.26	-0.05	-0.477	+0.312	+0.149	+0.083	+0.183	+1.182	+0.993	+0.582
20%	+0.23	+0.032	+0.021	+4.13	+2.29	+7.32	+1.90	+1.10	-0.339	+0.228	+0.111	+0.063	+0.135	+0.973	+0.695	+0.484
30%	+0.19	+0.028	+0.017	+3.70	+2.05	+6.55	+1.64	+1.92	-0.240	+0.168	+0.084	+0.048	+0.101	+0.822	+0.480	+0.414
50%	+0.13	+0.020	+0.010	+2.97	+1.66	+5.28	+1.21	+3.29	-0.076	+0.068	+0.039	+0.024	+0.044	+0.573	+0.125	+0.298
70%	+0.08	+0.012	+0.003	+2.24	+1.26	+4.00	+0.78	+4.65	+0.088	-0.032	-0.006	+0.000	-0.012	+0.324	-0.231	+0.181
80%	+0.04	+0.008	-0.001	+1.80	+1.02	+3.23	+0.52	+5.47	+0.187	-0.092	-0.033	-0.014	-0.046	+0.174	-0.446	+0.111
90%	-0.01	+0.001	-0.007	+1.19	+0.69	+2.16	+0.15	+6.62	+0.325	-0.176	-0.071	-0.035	-0.094	-0.035	-0.744	+0.013
95%	-0.05	-0.004	-0.011	+0.69	+0.42	+1.28	-0.14	+7.56	+0.439	-0.245	-0.102	-0.052	-0.133	-0.208	-0.990	-0.067
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	222	240	240	263	263	263	263	163	156	156	156	156	156	156	156	161
Number of rams	93981	94602	94602	97931	97931	97931	97931	82863	60050	60050	60050	60050	60050	60050	60050	79634

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE December 2019

SIL GE# 37066

Rams born in

2018

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%	-39.2	-40.0	-59.3	+55.43	+1.09	-0.76	-0.76	-1.21	+0.28
10%	-30.2	-30.5	-49.2	+48.20	+0.88	-0.62	-0.62	-1.07	+0.24
20%	-19.4	-19.0	-36.9	+39.45	+0.61	-0.46	-0.44	-0.89	+0.19
30%	-11.5	-10.6	-28.1	+33.14	+0.42	-0.34	-0.32	-0.77	+0.15
50%	+1.4	+3.1	-13.5	+22.70	+0.11	-0.14	-0.11	-0.56	+0.09
70%	+14.4	+16.8	+1.1	+12.27	-0.21	+0.05	+0.10	-0.36	+0.03
80%	+22.2	+25.2	+9.9	+5.96	-0.40	+0.17	+0.22	-0.23	-0.01
90%	+33.0	+36.7	+22.1	-2.79	-0.66	+0.34	+0.40	-0.06	-0.06
95%	+42.0	+46.2	+32.2	-10.02	-0.88	+0.47	+0.54	+0.09	-0.10
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	34	34	27	63
Number of rams	21671	21671	21671	1427	1427	15398	15398	15048	40361

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

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