

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

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NZGE February 2019

SIL GE# 36330

Rams born in 2017

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%	+1952	+208	+1085	+753	+0.034	+5.66	+3.07	+9.75	-0.949	+0.624	+0.280	+0.128	+0.315	+2.007	+1.687
10%	+1788	+179	+985	+679	+0.029	+5.14	+2.78	+8.84	-0.834	+0.541	+0.240	+0.112	+0.271	+1.820	+1.450
20%	+1590	+143	+864	+589	+0.024	+4.51	+2.44	+7.75	-0.694	+0.440	+0.192	+0.093	+0.217	+1.595	+1.163
30%	+1447	+117	+777	+524	+0.019	+4.05	+2.19	+6.96	-0.593	+0.368	+0.157	+0.079	+0.178	+1.432	+0.956
50%	+1210	+75	+632	+417	+0.012	+3.30	+1.78	+5.65	-0.427	+0.248	+0.099	+0.056	+0.114	+1.163	+0.614
70%	+974	+33	+488	+310	+0.005	+2.54	+1.36	+4.35	-0.260	+0.128	+0.042	+0.034	+0.050	+0.893	+0.272
80%	+831	+7	+401	+246	+0.001	+2.09	+1.11	+3.56	-0.160	+0.055	+0.007	+0.020	0.000	0.000	+0.066
90%	+632	-28	+280	+156	-0.005	+1.45	+0.77	+2.46	-0.020	-0.046	-0.041	+0.001	-0.043	+0.505	-0.221
95%	+469	-58	+180	+82	-0.009	+0.93	+0.48	+1.55	+0.095	-0.129	-0.081	-0.015	-0.087	+0.318	-0.458
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	87	131	168	94	131	168	168	168	94	94	94	94	94	94	94
Number of rams	17085	22621	26611	18035	22621	26611	26611	26611	18035	18035	18035	18035	18035	18035	18035

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 February 2019

SIL GE # 36330

Rams born in 2017

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%	+2856	+3434	+2971	+4960	+3006	+742	+728	+2193	+168	+1527	+808	+374	+596	+2412	+90	+487
10%	+2610	+3139	+2742	+4575	+2720	+650	+636	+1982	+30	+1360	+696	+329	+468	+2127	+74	+410
20%	+2313	+2783	+2465	+4108	+2374	+540	+526	+1726	-138	+1157	+561	+274	+312	+1782	+54	+317
30%	+2099	+2526	+2265	+3771	+2124	+460	+446	+1542	-258	+1011	+463	+234	+200	+1533	+41	+250
40%	+1916	+2307	+2094	+3484	+1911	+391	+377	+1384	-362	+886	+380	+200	+104	+1320	+29	+193
50%	+1745	+2101	+1934	+3215	+1712	+328	+313	+1237	-458	+769	+302	+169	+15	+1122	+18	+139
60%	+1574	+1896	+1775	+2947	+1512	+264	+250	+1090	-555	+652	+224	+137	-75	+923	+7	+86
70%	+1391	+1677	+1604	+2659	+1299	+196	+181	+932	-658	+527	+140	+104	-170	+711	-5	+29
80%	+1176	+1420	+1404	+2323	+1049	+116	+101	+748	-779	+381	+43	+64	-282	+462	-19	-39
90%	+879	+1063	+1127	+1856	+703	+5	-9	+492	-946	+178	-92	+9	-438	+117	-38	-132
95%	+634	+769	+898	+1471	+417	-86	-101	+281	-1085	+10	-204	-36	-566	-168	-54	-208
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	124	91	36	21	23	213	232	256	152	256	144	140	39	23	29	57
Number of rams	74362	51473	20883	12437	12845	95905	98006	102556	81582	102556	60695	77712	21949	13410	14002	36285

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE February 2019

SIL GE# 36330

Rams born in

2017

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	+0.042	+0.030	+5.10	+2.82	+8.99	+2.53	-1.14	-0.575	+0.413	+0.195	+0.100	+0.232	+1.299	+1.172	+0.640
10%	+0.28	+0.037	+0.025	+4.59	+2.54	+8.11	+2.22	-0.20	-0.465	+0.339	+0.162	+0.084	+0.192	+1.124	+0.939	+0.563
20%	+0.23	+0.030	+0.019	+3.98	+2.21	+7.05	+1.84	+0.94	-0.331	+0.250	+0.121	+0.064	+0.143	+0.911	+0.655	+0.470
30%	+0.19	+0.026	+0.015	+3.54	+1.97	+6.28	+1.57	+1.76	-0.234	+0.186	+0.092	+0.049	+0.108	+0.758	+0.451	+0.402
50%	+0.14	+0.018	+0.009	+2.82	+1.58	+5.01	+1.13	+3.12	-0.074	+0.080	+0.044	+0.026	+0.050	+0.505	+0.114	+0.291
70%	+0.08	+0.010	+0.002	+2.09	+1.18	+3.74	+0.68	+4.48	+0.086	-0.026	-0.005	+0.002	-0.009	+0.252	-0.224	+0.180
80%	+0.04	+0.005	-0.002	+1.65	+0.94	+2.98	+0.41	+5.30	+0.182	-0.090	-0.034	-0.013	-0.044	+0.099	-0.428	+0.113
90%	-0.01	-0.001	-0.008	+1.04	+0.61	+1.91	+0.03	+6.44	+0.316	-0.179	-0.075	-0.033	-0.093	-0.114	-0.711	+0.019
95%	-0.05	-0.007	-0.013	+0.54	+0.34	+1.04	-0.28	+7.38	+0.427	-0.252	-0.108	-0.049	-0.133	-0.289	-0.945	-0.058
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	213	232	232	256	256	256	256	152	144	144	144	144	144	144	144	140
Number of rams	95905	98006	98006	102556	102556	102556	102556	81582	60695	60695	60695	60695	60695	60695	60695	77712

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE February 2019

SIL GE# 36330

Rams born in

2017

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%	-37.5	-39.8	-57.5	+47.46	+0.96	-0.76	-0.76	-1.24	+0.27
10%	-28.6	-30.3	-47.4	+41.72	+0.76	-0.62	-0.63	-1.09	+0.22
20%	-17.9	-18.8	-35.1	+34.76	+0.53	-0.45	-0.47	-0.92	+0.17
30%	-10.1	-10.5	-26.3	+29.75	+0.36	-0.33	-0.36	-0.79	+0.14
50%	+2.7	+3.2	-11.7	+21.46	+0.08	-0.13	-0.17	-0.58	+0.08
70%	+15.5	+16.9	+3.0	+13.18	-0.20	+0.07	+0.02	-0.36	+0.02
80%	+23.3	+25.2	+11.8	+8.16	-0.37	+0.20	+0.13	-0.24	-0.02
90%	+34.1	+36.7	+24.1	+1.21	-0.61	+0.37	+0.29	-0.06	-0.07
95%	+42.9	+46.2	+34.2	-4.53	-0.80	+0.51	+0.42	+0.09	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	39	39	39	4	4	33	33	23	60
Number of rams	21949	21949	21949	1388	1388	15418	15418	13410	37523

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

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