

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%	+2026	+206	+1117	+773	+0.034	+5.79	+3.16	+10.07	-0.984	+0.620	+0.280	+0.144	+0.324	+2.043	+1.723
10%	+1858	+177	+1014	+698	+0.029	+5.26	+2.87	+9.14	-0.867	+0.535	+0.240	+0.127	+0.279	+1.856	+1.486
20%	+1655	+141	+890	+608	+0.023	+4.61	+2.51	+8.00	-0.725	+0.433	+0.191	+0.106	+0.224	+1.630	+1.199
30%	+1509	+116	+800	+542	+0.019	+4.15	+2.26	+7.19	-0.622	+0.359	+0.156	+0.091	+0.184	+1.467	+0.992
50%	+1267	+74	+651	+434	+0.012	+3.38	+1.83	+5.84	-0.453	+0.237	+0.099	+0.066	+0.118	+1.197	+0.649
70%	+1025	+32	+503	+326	+0.005	+2.61	+1.41	+4.49	-0.283	+0.115	+0.041	+0.041	+0.053	+0.927	+0.307
80%	+879	+6	+413	+261	+0.001	+2.14	+1.15	+3.67	-0.181	+0.041	+0.006	+0.026	0.000	0.000	+0.100
90%	+676	-29	+289	+170	-0.005	+1.50	+0.80	+2.54	-0.039	-0.062	-0.043	+0.005	-0.042	+0.538	-0.188
95%	+508	-58	+186	+95	-0.010	+0.97	+0.50	+1.60	+0.079	-0.147	-0.083	-0.012	-0.088	+0.351	-0.425
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	74	125	159	82	125	159	159	159	82	82	82	82	82	82	82
Number of rams	15341	22037	25918	16590	22037	25918	25918	25918	16590	16590	16590	16590	16590	16590	16590

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 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%	+2861	+3457	+3046	+4932	+3085	+743	+731	+2222	+145	+1527	+814	+378	+562	+2441	+91	+487
10%	+2616	+3163	+2828	+4550	+2789	+653	+639	+2009	+7	+1360	+703	+332	+454	+2153	+75	+412
20%	+2319	+2807	+2565	+4087	+2431	+543	+527	+1752	-160	+1159	+568	+278	+324	+1803	+56	+321
30%	+2106	+2551	+2374	+3754	+2173	+463	+446	+1566	-281	+1013	+470	+238	+231	+1552	+42	+255
40%	+1923	+2332	+2212	+3469	+1952	+396	+378	+1408	-383	+889	+387	+204	+150	+1336	+31	+198
50%	+1752	+2127	+2060	+3202	+1746	+333	+313	+1259	-480	+773	+310	+172	+76	+1135	+20	+146
60%	+1582	+1922	+1908	+2936	+1539	+269	+249	+1111	-576	+657	+232	+141	+1	+934	+9	+93
70%	+1399	+1703	+1745	+2651	+1319	+202	+180	+952	-679	+532	+149	+107	-79	+719	-3	+37
80%	+1185	+1446	+1555	+2317	+1060	+122	+99	+767	-799	+387	+52	+67	-173	+467	-17	-29
90%	+889	+1091	+1291	+1855	+702	+12	-13	+509	-966	+185	-83	+12	-303	+118	-36	-120
95%	+644	+797	+1073	+1473	+406	-78	-105	+297	-1104	+19	-195	-33	-411	-171	-51	-196
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	123	89	24	21	22	202	219	246	149	246	136	140	27	23	28	52
Number of rams	74376	51155	12168	12452	12572	94554	95545	100564	81311	100564	59432	77802	13234	13425	13729	35581

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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	+5.16	+2.86	+9.14	+2.53	-0.99	-0.577	+0.404	+0.194	+0.105	+0.234	+1.309	+1.185	+0.648
10%	+0.28	+0.037	+0.025	+4.65	+2.59	+8.26	+2.22	-0.05	-0.467	+0.332	+0.160	+0.088	+0.193	+1.135	+0.952	+0.570
20%	+0.23	+0.030	+0.019	+4.04	+2.25	+7.19	+1.84	+1.09	-0.334	+0.245	+0.120	+0.067	+0.144	+0.924	+0.670	+0.477
30%	+0.20	+0.026	+0.015	+3.60	+2.01	+6.42	+1.56	+1.91	-0.237	+0.182	+0.091	+0.052	+0.108	+0.772	+0.467	+0.409
50%	+0.14	+0.018	+0.009	+2.87	+1.61	+5.14	+1.11	+3.26	-0.078	+0.079	+0.042	+0.027	+0.050	+0.521	+0.131	+0.298
70%	+0.08	+0.010	+0.002	+2.14	+1.22	+3.86	+0.65	+4.62	+0.081	-0.025	-0.006	+0.002	-0.009	+0.269	-0.205	+0.186
80%	+0.04	+0.005	-0.002	+1.70	+0.98	+3.09	+0.38	+5.44	+0.177	-0.088	-0.035	-0.013	-0.045	+0.117	-0.408	+0.118
90%	-0.00	-0.001	-0.008	+1.09	+0.64	+2.02	-0.00	+6.57	+0.310	-0.175	-0.076	-0.034	-0.094	-0.094	-0.690	+0.025
95%	-0.05	-0.007	-0.013	+0.58	+0.37	+1.14	-0.31	+7.51	+0.420	-0.247	-0.109	-0.052	-0.134	-0.268	-0.922	-0.053
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	202	219	219	246	246	246	246	149	136	136	136	136	136	136	136	140
Number of rams	94554	95545	95545	100564	100564	100564	100564	81311	59432	59432	59432	59432	59432	59432	59432	77802

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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%	-35.5	-35.2	-56.8	+45.41	+0.97	-0.77	-0.77	-1.25	+0.27
10%	-27.9	-27.3	-48.3	+39.96	+0.78	-0.63	-0.64	-1.11	+0.23
20%	-18.8	-17.7	-38.0	+33.36	+0.54	-0.46	-0.48	-0.93	+0.18
30%	-12.2	-10.8	-30.6	+28.61	+0.37	-0.34	-0.37	-0.80	+0.14
50%	-1.3	+0.6	-18.3	+20.74	+0.08	-0.14	-0.18	-0.58	+0.08
70%	+9.6	+11.9	-6.0	+12.87	-0.20	+0.06	+0.00	-0.37	+0.02
80%	+16.2	+18.8	+1.4	+8.11	-0.38	+0.18	+0.12	-0.24	-0.01
90%	+25.4	+28.4	+11.7	+1.51	-0.61	+0.35	+0.27	-0.06	-0.06
95%	+33.0	+36.3	+20.3	-3.94	-0.81	+0.49	+0.40	+0.09	-0.10
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	27	27	27	4	4	31	31	23	55
Number of rams	13234	13234	13234	1388	1388	15145	15145	13425	36819

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

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