

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE February 2019

SIL GE# 36330

Sires with progeny born in

2016-2018

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%	+2138	+255	+1224	+867	+0.042	+6.47	+3.45	+10.98	-1.195	+0.774	+0.354	+0.174	+0.408	+2.233	+2.051
10%	+1969	+214	+1115	+784	+0.035	+5.88	+3.14	+10.01	-1.049	+0.666	+0.302	+0.153	+0.349	+2.034	+1.762
20%	+1764	+165	+983	+685	+0.027	+5.16	+2.77	+8.83	-0.873	+0.535	+0.239	+0.127	+0.278	+1.794	+1.412
30%	+1616	+130	+888	+613	+0.021	+4.65	+2.50	+7.98	-0.745	+0.441	+0.194	+0.108	+0.226	+1.620	+1.160
50%	+1372	+71	+730	+494	+0.012	+3.79	+2.05	+6.58	-0.535	+0.285	+0.119	+0.076	+0.142	+1.334	+0.743
70%	+1127	+13	+573	+375	+0.002	+2.94	+1.61	+5.18	-0.325	+0.130	+0.044	+0.045	+0.057	+1.047	+0.327
80%	+979	-23	+478	+303	-0.004	+2.42	+1.34	+4.33	-0.198	+0.035	-0.001	+0.026	0.000	0.000	+0.074
90%	+774	-72	+345	+204	-0.012	+1.71	+0.97	+3.15	-0.021	-0.095	-0.064	-0.000	-0.066	+0.633	-0.275
95%	+605	-112	+236	+121	-0.018	+1.12	+0.66	+2.18	+0.124	-0.203	-0.116	-0.022	-0.125	+0.435	-0.564
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 sires	1119	1533	1863	1274	1533	1863	1863	1863	1274	1274	1274	1274	1274	1274	1274

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 - Sire Percentile Bands

NZGE February 2019

SIL GE # 36330

Sires with progeny born in **2016-2018**

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%	+3053	+3648	+3208	+5176	+3126	+853	+858	+2369	+231	+1677	+1038	+451	+748	+2787	+108	+677
10%	+2785	+3340	+2950	+4708	+2833	+732	+734	+2153	+69	+1499	+895	+391	+600	+2409	+88	+569
20%	+2460	+2966	+2638	+4141	+2479	+586	+583	+1893	-128	+1284	+721	+319	+421	+1950	+65	+439
30%	+2226	+2697	+2413	+3732	+2223	+481	+475	+1705	-270	+1129	+596	+267	+293	+1619	+48	+345
40%	+2026	+2467	+2221	+3382	+2004	+390	+382	+1544	-391	+996	+489	+222	+183	+1337	+34	+265
50%	+1839	+2252	+2041	+3056	+1800	+306	+296	+1394	-504	+872	+389	+181	+80	+1073	+20	+190
60%	+1652	+2037	+1861	+2729	+1596	+222	+209	+1244	-617	+748	+289	+139	-23	+809	+7	+115
70%	+1452	+1807	+1668	+2380	+1377	+132	+117	+1084	-738	+615	+182	+94	-133	+526	-7	+35
80%	+1218	+1538	+1443	+1971	+1122	+26	+8	+896	-880	+460	+57	+42	-262	+195	-24	-59
90%	+894	+1164	+1131	+1404	+767	-120	-142	+635	-1077	+244	-117	-30	-441	-263	-48	-189
95%	+626	+856	+873	+936	+474	-241	-266	+420	-1239	+66	-260	-90	-588	-642	-67	-296
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 sires	3230	2306	626	704	720	4294	4385	4868	3649	4868	2843	3444	687	778	807	1800

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE February 2019

SIL GE# 36330

Sires with progeny born in

2016-2018

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%	+0.38	+0.052	+0.037	+5.74	+3.04	+9.80	+3.02	-1.57	-0.833	+0.588	+0.273	+0.141	+0.323	+1.623	+1.526	+0.771
10%	+0.32	+0.044	+0.030	+5.17	+2.76	+8.89	+2.64	-0.47	-0.683	+0.487	+0.227	+0.118	+0.268	+1.402	+1.230	+0.670
20%	+0.26	+0.035	+0.022	+4.49	+2.42	+7.78	+2.18	+0.87	-0.501	+0.365	+0.172	+0.090	+0.201	+1.135	+0.871	+0.547
30%	+0.21	+0.029	+0.016	+3.99	+2.17	+6.98	+1.85	+1.83	-0.370	+0.277	+0.132	+0.070	+0.153	+0.943	+0.613	+0.458
50%	+0.13	+0.018	+0.007	+3.17	+1.77	+5.66	+1.30	+3.43	-0.153	+0.131	+0.066	+0.037	+0.073	+0.625	+0.185	+0.312
70%	+0.06	+0.007	-0.003	+2.34	+1.36	+4.34	+0.75	+5.02	+0.064	-0.014	-0.000	+0.003	-0.006	+0.307	-0.242	+0.165
80%	+0.01	+0.001	-0.008	+1.85	+1.12	+3.54	+0.42	+5.99	+0.195	-0.102	-0.040	-0.017	-0.054	+0.114	-0.501	+0.077
90%	-0.06	-0.008	-0.016	+1.16	+0.78	+2.44	-0.04	+7.32	+0.376	-0.224	-0.096	-0.045	-0.121	-0.153	-0.860	-0.046
95%	-0.11	-0.016	-0.023	+0.59	+0.50	+1.52	-0.41	+8.43	+0.526	-0.325	-0.141	-0.068	-0.176	-0.373	-1.156	-0.147
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 sires	4294	4385	4385	4868	4868	4868	4868	3649	2843	2843	2843	2843	2843	2843	2843	3444

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE February 2019

SIL GE# 36330

Sires with progeny born in

2016-2018

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%	-47.7	-49.3	-70.9	+56.50	+1.59	-0.90	-0.91	-1.43	+0.37
10%	-37.2	-38.3	-59.4	+49.33	+1.30	-0.74	-0.75	-1.23	+0.31
20%	-24.6	-25.0	-45.4	+40.66	+0.94	-0.53	-0.56	-1.00	+0.24
30%	-15.5	-15.4	-35.4	+34.41	+0.68	-0.39	-0.42	-0.83	+0.19
50%	-0.4	+0.4	-18.8	+24.07	+0.26	-0.15	-0.19	-0.55	+0.11
70%	+14.7	+16.3	-2.2	+13.74	-0.17	+0.09	+0.04	-0.27	+0.03
80%	+23.8	+25.9	+7.9	+7.48	-0.42	+0.24	+0.18	-0.10	-0.02
90%	+36.4	+39.2	+21.8	-1.19	-0.78	+0.44	+0.37	+0.14	-0.09
95%	+46.9	+50.2	+33.3	-8.35	-1.08	+0.61	+0.53	+0.34	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	27	27	27	4	4	31	31	23	55
Number of sires	703	703	703	70	70	887	887	783	1923

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

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