

# NZGE Indexes - Terminal Sire - Sire Percentile Bands

**NZGE November 2019**

SIL GE# 36790

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 <sup>1</sup>	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>
5%	+2134	+256	+1226	+842	+0.042	+6.47	+3.46	+11.05	-1.109	+0.691	+0.313	+0.152	+0.365	+2.262	+2.048
10%	+1959	+217	+1118	+758	+0.036	+5.89	+3.15	+10.07	-0.969	+0.595	+0.266	+0.132	+0.310	+2.053	+1.764
20%	<b>+1747</b>	<b>+168</b>	<b>+987</b>	<b>+658</b>	<b>+0.028</b>	<b>+5.18</b>	<b>+2.78</b>	<b>+8.89</b>	<b>-0.800</b>	<b>+0.478</b>	<b>+0.209</b>	<b>+0.108</b>	<b>+0.244</b>	<b>+1.801</b>	<b>+1.420</b>
30%	+1595	+133	+892	+585	+0.022	+4.67	+2.51	+8.04	-0.678	+0.394	+0.168	+0.091	+0.196	+1.619	+1.172
50%	<b>+1342</b>	<b>+76</b>	<b>+736</b>	<b>+465</b>	<b>+0.013</b>	<b>+3.83</b>	<b>+2.07</b>	<b>+6.62</b>	<b>-0.476</b>	<b>+0.255</b>	<b>+0.099</b>	<b>+0.063</b>	<b>+0.117</b>	<b>+1.318</b>	<b>+0.762</b>
70%	+1090	+18	+580	+345	+0.003	+2.98	+1.63	+5.21	-0.274	+0.115	+0.031	+0.034	+0.038	+1.016	+0.353
80%	+937	-17	+485	+272	-0.003	+2.48	+1.36	+4.36	-0.151	+0.031	-0.010	+0.017	0.000	0.000	+0.105
90%	+726	-65	+354	+171	-0.011	+1.77	+0.99	+3.17	+0.018	-0.086	-0.067	-0.007	-0.076	+0.582	-0.239
95%	+551	-105	+245	+88	-0.017	+1.19	+0.68	+2.19	+0.158	-0.182	-0.114	-0.027	-0.130	+0.373	-0.523
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	98	139	172	110	139	172	172	172	110	110	110	110	110	110	110
Number of sires	1343	1701	2007	1539	1701	2007	2007	2007	1539	1539	1539	1539	1539	1539	1539

<sup>1</sup>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](http://www.sil.co.nz))  
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# NZGE Indexes - Dual Purpose - Sire Percentile Bands

**NZGE November 2019**

**SIL GE # 36790**

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%	+3144	+3751	+3227	+5332	+3129	+831	+867	+2392	+238	+1779	+1024	+465	+699	+2749	+108	+696
10%	+2874	+3437	+2951	+4855	+2846	+713	+747	+2177	+77	+1601	+886	+403	+546	+2387	+88	+586
20%	+2547	+3056	+2616	+4278	+2503	+571	+603	+1917	-118	+1386	+720	+328	+360	+1950	+63	+452
30%	+2312	+2781	+2375	+3862	+2256	+469	+499	+1729	-259	+1231	+600	+274	+226	+1634	+45	+356
40%	+2111	+2547	+2169	+3506	+2045	+382	+410	+1569	-379	+1098	+497	+228	+112	+1364	+29	+273
50%	+1922	+2327	+1976	+3174	+1848	+300	+326	+1419	-491	+974	+401	+184	+5	+1112	+15	+197
60%	+1734	+2108	+1784	+2841	+1650	+218	+243	+1269	-603	+850	+305	+141	-102	+860	+1	+120
70%	+1533	+1874	+1577	+2486	+1439	+131	+154	+1109	-723	+718	+202	+95	-216	+591	-15	+37
80%	+1297	+1599	+1336	+2070	+1192	+28	+50	+921	-864	+563	+82	+41	-350	+275	-33	-59
90%	+970	+1218	+1001	+1492	+849	-114	-95	+661	-1059	+347	-84	-35	-535	-162	-58	-192
95%	+700	+904	+725	+1016	+566	-231	-214	+446	-1220	+170	-222	-97	-689	-524	-78	-303
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	96	39	24	27	224	238	263	166	166	155	158	40	26	30	62
Number of sires	3352	2488	1249	813	847	4545	4612	5094	3988	3988	3119	3701	1267	889	873	2020

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# NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE November 2019

SIL GE# 36790

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 <sup>1</sup>	WWTm	EWT	FATY	LEANY <sup>1</sup>	SHLY	LNLY	HQLY	CWY	EMAc <sup>1</sup>	FW12
5%	+0.37	+0.052	+0.036	+5.79	+3.07	+9.97	+2.97	-1.62	-0.809	+0.531	+0.247	+0.134	+0.301	+1.652	+1.588	+0.795
10%	+0.32	+0.045	+0.030	+5.22	+2.79	+9.03	+2.61	-0.52	-0.663	+0.439	+0.206	+0.112	+0.250	+1.434	+1.281	+0.690
20%	<b>+0.25</b>	<b>+0.036</b>	<b>+0.022</b>	<b>+4.54</b>	<b>+2.45</b>	<b>+7.90</b>	<b>+2.18</b>	<b>+0.80</b>	<b>-0.487</b>	<b>+0.328</b>	<b>+0.156</b>	<b>+0.086</b>	<b>+0.187</b>	<b>+1.170</b>	<b>+0.910</b>	<b>+0.562</b>
30%	+0.21	+0.030	+0.017	+4.04	+2.20	+7.09	+1.87	+1.76	-0.359	+0.248	+0.120	+0.067	+0.142	+0.979	+0.642	+0.470
50%	<b>+0.13</b>	<b>+0.019</b>	<b>+0.008</b>	<b>+3.22</b>	<b>+1.79</b>	<b>+5.74</b>	<b>+1.36</b>	<b>+3.34</b>	<b>-0.148</b>	<b>+0.116</b>	<b>+0.061</b>	<b>+0.035</b>	<b>+0.068</b>	<b>+0.665</b>	<b>+0.199</b>	<b>+0.318</b>
70%	+0.05	+0.009	-0.001	+2.40	+1.38	+4.39	+0.84	+4.92	+0.063	-0.017	+0.001	+0.004	-0.007	+0.350	-0.244	+0.166
80%	+0.01	+0.002	-0.006	+1.91	+1.13	+3.57	+0.53	+5.88	+0.190	-0.097	-0.035	-0.015	-0.052	+0.159	-0.512	+0.073
90%	-0.06	-0.006	-0.014	+1.22	+0.79	+2.44	+0.10	+7.20	+0.367	-0.208	-0.085	-0.042	-0.114	-0.105	-0.883	-0.054
95%	-0.11	-0.014	-0.020	+0.65	+0.51	+1.51	-0.26	+8.30	+0.513	-0.300	-0.126	-0.064	-0.166	-0.323	-1.190	-0.160
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	224	238	238	263	263	263	263	166	155	155	155	155	155	155	155	158
Number of sires	4545	4612	4612	5094	5094	5094	5094	3988	3119	3119	3119	3119	3119	3119	3119	3701

<sup>1</sup>These BVs not used in standard SIL indexes

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# NZGE gBVs - Health traits - Sire Percentile Bands

NZGE November 2019

SIL GE# 36790

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%	-45.4	-48.5	-66.2	+55.92	+1.48	-0.94	-0.89	-1.41	+0.38
10%	-34.6	-36.8	-54.1	+48.43	+1.21	-0.77	-0.72	-1.22	+0.32
20%	-21.5	-22.6	-39.3	+39.36	+0.87	-0.56	-0.50	-1.00	+0.25
30%	-12.1	-12.4	-28.7	+32.82	+0.63	-0.41	-0.35	-0.83	+0.20
50%	+3.5	+4.6	-11.2	+22.01	+0.23	-0.16	-0.10	-0.57	+0.11
70%	+19.1	+21.5	+6.4	+11.19	-0.16	+0.09	+0.16	-0.30	+0.03
80%	+28.5	+31.7	+17.0	+4.65	-0.41	+0.24	+0.31	-0.13	-0.02
90%	+41.5	+45.9	+31.7	-4.42	-0.74	+0.45	+0.53	+0.09	-0.09
95%	+52.3	+57.6	+43.9	-11.91	-1.01	+0.62	+0.70	+0.28	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	40	40	40	4	4	34	34	26	65
Number of sires	1285	1285	1285	79	79	960	960	896	2150

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

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