

NZGE Indexes - Terminal Sire - Sire Percentile Bands

NZGE February 2020

SIL GE# 37284

Sires with progeny born in

2017-2019

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	LNLV	HQLV	CWY	EMAc ¹
5%	+2279	+259	+1297	+908	+0.043	+6.82	+3.65	+11.99	-1.217	+0.879	+0.389	+0.145	+0.424	+2.328	+2.036
10%	+2093	+220	+1181	+818	+0.036	+6.20	+3.33	+10.89	-1.065	+0.763	+0.334	+0.126	+0.363	+2.117	+1.755
20%	+1868	+172	+1041	+710	+0.028	+5.44	+2.93	+9.57	-0.882	+0.623	+0.266	+0.103	+0.290	+1.862	+1.414
30%	+1706	+137	+939	+631	+0.023	+4.89	+2.65	+8.61	-0.749	+0.522	+0.218	+0.086	+0.237	+1.678	+1.169
50%	+1437	+80	+772	+502	+0.013	+3.99	+2.17	+7.03	-0.530	+0.355	+0.138	+0.058	+0.150	+1.374	+0.763
70%	+1169	+23	+604	+373	+0.004	+3.09	+1.70	+5.45	-0.312	+0.188	+0.058	+0.030	+0.063	+1.070	+0.357
80%	+1007	-12	+503	+295	-0.002	+2.54	+1.42	+4.49	-0.179	+0.087	+0.009	+0.014	0.000	0.000	+0.111
90%	+781	-60	+363	+186	-0.010	+1.79	+1.02	+3.16	+0.004	-0.053	-0.058	-0.010	-0.063	+0.631	-0.230
95%	+595	-99	+247	+97	-0.016	+1.16	+0.69	+2.07	+0.156	-0.169	-0.113	-0.029	-0.124	+0.421	-0.511
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	84	127	159	95	127	159	159	159	95	95	95	95	95	95	95
Number of sires	1137	1433	1707	1289	1433	1707	1707	1707	1289	1289	1289	1289	1289	1289	1289

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 2020

SIL GE # 37284

Sires with progeny born in

2017-2019

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%	+3322	+3943	+3370	+5518	+3253	+831	+922	+2509	+212	+1822	+1032	+475	+724	+2759	+111	+680
10%	+3047	+3619	+3098	+5042	+2973	+720	+801	+2289	+47	+1649	+886	+415	+562	+2410	+90	+574
20%	+2714	+3228	+2768	+4465	+2635	+585	+654	+2023	-153	+1438	+710	+344	+366	+1988	+65	+445
30%	+2474	+2945	+2530	+4050	+2391	+488	+548	+1831	-297	+1287	+583	+292	+224	+1683	+47	+351
40%	+2269	+2703	+2327	+3695	+2183	+406	+458	+1668	-420	+1157	+474	+248	+103	+1423	+31	+272
50%	+2077	+2478	+2137	+3363	+1988	+328	+373	+1514	-535	+1036	+373	+207	-10	+1180	+17	+197
60%	+1885	+2252	+1947	+3031	+1793	+251	+289	+1361	-651	+915	+271	+166	-123	+937	+3	+123
70%	+1680	+2010	+1744	+2676	+1584	+168	+198	+1197	-774	+785	+162	+122	-244	+677	-13	+44
80%	+1440	+1728	+1506	+2260	+1340	+71	+93	+1006	-918	+634	+35	+70	-385	+372	-31	-50
90%	+1107	+1336	+1177	+1684	+1002	-64	-54	+740	-1118	+423	-141	-2	-581	-50	-56	-179
95%	+832	+1012	+904	+1208	+722	-175	-175	+520	-1283	+250	-287	-61	-743	-398	-77	-285
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	118	88	34	23	22	203	231	252	154	154	138	146	38	25	29	55
Number of sires	2938	2223	1131	802	663	4094	4262	4713	3618	3618	2787	3269	1225	856	832	1852

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE February 2020

SIL GE# 37284

Sires with progeny born in

2017-2019

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	LNLV	HQLV	CWY	EMAc ¹	FW12
5%	+0.37	+0.055	+0.037	+6.02	+3.21	+10.49	+3.17	-1.44	-0.809	+0.634	+0.288	+0.125	+0.327	+1.613	+1.555	+0.811
10%	+0.32	+0.047	+0.031	+5.45	+2.92	+9.52	+2.79	-0.32	-0.657	+0.518	+0.237	+0.104	+0.269	+1.395	+1.255	+0.711
20%	+0.26	+0.039	+0.024	+4.75	+2.57	+8.36	+2.34	+1.04	-0.473	+0.379	+0.175	+0.079	+0.198	+1.130	+0.891	+0.589
30%	+0.21	+0.032	+0.018	+4.25	+2.32	+7.52	+2.01	+2.02	-0.341	+0.279	+0.130	+0.060	+0.146	+0.939	+0.628	+0.501
50%	+0.14	+0.022	+0.010	+3.42	+1.91	+6.13	+1.46	+3.64	-0.122	+0.113	+0.056	+0.030	+0.062	+0.623	+0.194	+0.356
70%	+0.07	+0.011	+0.001	+2.59	+1.50	+4.74	+0.92	+5.26	+0.097	-0.054	-0.018	-0.000	-0.023	+0.307	-0.239	+0.211
80%	+0.02	+0.005	-0.005	+2.09	+1.25	+3.90	+0.59	+6.24	+0.230	-0.154	-0.062	-0.018	-0.074	+0.116	-0.502	+0.124
90%	-0.04	-0.004	-0.012	+1.40	+0.90	+2.74	+0.13	+7.60	+0.414	-0.293	-0.125	-0.044	-0.145	-0.149	-0.866	+0.002
95%	-0.09	-0.011	-0.018	+0.82	+0.61	+1.78	-0.25	+8.73	+0.565	-0.409	-0.176	-0.065	-0.204	-0.368	-1.166	-0.098
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	203	231	231	252	252	252	252	154	138	138	138	138	138	138	138	146
Number of sires	4094	4262	4262	4713	4713	4713	4713	3618	2787	2787	2787	2787	2787	2787	2787	3269

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NZGE gBVs - Health traits - Sire Percentile Bands

NZGE February 2020

SIL GE# 37284

Sires with progeny born in

2017-2019

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%	-45.0	-57.2	-67.1	+57.24	+1.36	-0.94	-0.95	-1.42	+0.37
10%	-34.1	-42.9	-54.8	+49.82	+1.10	-0.77	-0.77	-1.24	+0.31
20%	-21.0	-25.6	-39.9	+40.85	+0.78	-0.56	-0.55	-1.02	+0.25
30%	-11.6	-13.2	-29.1	+34.37	+0.55	-0.42	-0.39	-0.86	+0.20
50%	+4.0	+7.4	-11.4	+23.67	+0.17	-0.18	-0.13	-0.60	+0.11
70%	+19.6	+28.0	+6.4	+12.98	-0.20	+0.07	+0.13	-0.34	+0.03
80%	+29.1	+40.5	+17.1	+6.50	-0.43	+0.21	+0.29	-0.18	-0.02
90%	+42.2	+57.8	+32.0	-2.47	-0.75	+0.42	+0.51	+0.04	-0.09
95%	+53.0	+72.0	+44.3	-9.89	-1.01	+0.58	+0.69	+0.22	-0.15
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	38	38	38	4	4	35	35	25	58
Number of sires	1245	1245	1245	76	76	981	981	863	1957

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

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