

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE December 2024

SIL GE# 42010

Sires with progeny born in

2021-2023

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%	+2691	+359	+1607	+970	+0.043	+6.84	+3.72	+11.76	-1.175	+0.815	+0.357	+0.121	+0.385	+2.351	+2.041
10%	+2440	+303	+1452	+867	+0.036	+6.17	+3.36	+10.61	-1.013	+0.700	+0.304	+0.102	+0.326	+2.128	+1.731
20%	+2136	+236	+1264	+743	+0.028	+5.36	+2.92	+9.22	-0.817	+0.561	+0.240	+0.079	+0.255	+1.857	+1.357
30%	+1916	+187	+1128	+653	+0.022	+4.77	+2.61	+8.22	-0.675	+0.460	+0.194	+0.063	+0.204	+1.661	+1.086
50%	+1554	+107	+905	+504	+0.013	+3.81	+2.08	+6.57	-0.441	+0.294	+0.117	+0.036	+0.120	+1.338	+0.640
70%	+1192	+27	+681	+356	+0.003	+2.84	+1.56	+4.91	-0.207	+0.128	+0.041	+0.008	+0.035	+1.015	+0.193
80%	+972	-21	+545	+266	-0.003	+2.26	+1.25	+3.91	-0.066	+0.027	-0.005	-0.008	-0.016	+0.820	-0.077
90%	+668	-89	+357	+141	-0.011	+1.45	+0.81	+2.52	+0.131	-0.113	-0.070	-0.031	-0.087	+0.549	-0.451
95%	+417	-144	+202	+39	-0.017	+0.78	+0.45	+1.37	+0.293	-0.228	-0.123	-0.050	-0.145	+0.325	-0.761
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	132	173	206	147	173	206	206	206	147	147	147	147	147	147	147
Number of sires	2286	2577	2839	2446	2577	2839	2839	2839	2446	2446	2446	2446	2446	2446	2446

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE December 2024

SIL GE # 42010

Sires with progeny born in

2021-2023

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3473	+3684	+4067	+3781	+5849	+3490	+926	+1281	+2681	+352	+2047	+1085	+246	+957	+3090	+108	+1297
10%	+3145	+3359	+3691	+3402	+5231	+3170	+797	+1109	+2428	+165	+1832	+931	+209	+765	+2641	+85	+1101
20%	+2749	+2966	+3234	+2943	+4481	+2782	+641	+901	+2121	-61	+1571	+744	+165	+532	+2098	+57	+862
30%	+2463	+2682	+2905	+2613	+3941	+2502	+528	+752	+1900	-224	+1383	+609	+134	+364	+1706	+38	+691
40%	+2218	+2440	+2624	+2330	+3479	+2264	+432	+623	+1711	-363	+1222	+494	+107	+220	+1371	+21	+544
50%	+1990	+2213	+2361	+2066	+3048	+2040	+342	+504	+1535	-493	+1072	+386	+81	+86	+1059	+5	+407
60%	+1762	+1987	+2098	+1802	+2616	+1817	+252	+384	+1358	-623	+922	+278	+56	-48	+746	-11	+269
70%	+1517	+1744	+1817	+1520	+2155	+1578	+156	+256	+1169	-762	+762	+163	+29	-191	+411	-28	+123
80%	+1231	+1461	+1488	+1189	+1614	+1299	+43	+106	+948	-925	+573	+28	-3	-359	+19	-47	-49
90%	+835	+1067	+1032	+731	+865	+911	-113	-102	+642	-1151	+313	-159	-47	-592	-524	-75	-287
95%	+507	+742	+655	+352	+246	+591	-242	-274	+389	-1337	+97	-313	-83	-784	-973	-98	-484
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size	Reproduction, Survival, Lamb Growth, Adult size, Wool	Reproduction, Survival, Lamb Growth, Adult size, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size, WormFEC	Reproduction, Survival, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size, 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	159	100	117	68	36	82	235	238	264	177	172	154	118	72	38	96	80
Number of sires	4338	3096	3613	2043	1336	2941	5069	5131	5336	4548	4498	4025	3275	2087	1382	3059	2577

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE December 2024

SIL GE # 42010

Sires with progeny born in

2021-2023

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3684	+4251	+4004	+6137	+4258	+3674	+4392	+6119	+4184	+6365
10%	+3359	+3881	+3616	+5506	+3895	+3357	+3982	+5524	+3824	+5718
20%	+2966	+3433	+3147	+4742	+3455	+2974	+3485	+4805	+3388	+4935
30%	+2682	+3109	+2808	+4191	+3138	+2697	+3127	+4285	+3073	+4370
40%	+2440	+2833	+2519	+3720	+2867	+2461	+2821	+3842	+2804	+3887
50%	+2213	+2575	+2249	+3280	+2614	+2240	+2535	+3427	+2553	+3436
60%	+1987	+2317	+1979	+2840	+2361	+2019	+2249	+3013	+2302	+2985
70%	+1744	+2040	+1689	+2369	+2090	+1782	+1943	+2569	+2033	+2502
80%	+1461	+1717	+1351	+1818	+1774	+1505	+1584	+2050	+1719	+1937
90%	+1067	+1269	+882	+1053	+1334	+1122	+1088	+1330	+1283	+1154
95%	+742	+898	+494	+422	+971	+805	+678	+735	+922	+507
Traits in Index	Reproduction, Survival, Lamb Growth, Adult size Wool	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat Yield	Reproduction, Survival, Lamb Growth, Adult size Wool, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Dag score	Reproduction, Survival, Lamb Growth, Adult size Wool, Body Condition	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Facial Eczema	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, Dag	Reproduction, Survival, Lamb Growth, Adult size Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	100	75	47	31	52	58	39	24	49	24
Number of sires	3096	2640	1533	1148	2026	2324	1383	1027	2130	1027

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE December 2024

SIL GE# 42010

Sires with progeny born in

2021-2023

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%	+0.37	+0.055	+0.040	+5.82	+3.12	+9.80	+3.23	-2.23	-0.836	+0.596	+0.278	+0.118	+0.311	+1.738	+1.662	+0.685
10%	+0.32	+0.048	+0.034	+5.22	+2.82	+8.83	+2.86	-1.04	-0.673	+0.487	+0.228	+0.098	+0.256	+1.496	+1.340	+0.583
20%	+0.26	+0.039	+0.025	+4.48	+2.45	+7.66	+2.42	+0.38	-0.476	+0.355	+0.167	+0.074	+0.189	+1.202	+0.950	+0.459
30%	+0.21	+0.033	+0.020	+3.96	+2.18	+6.82	+2.09	+1.42	-0.334	+0.260	+0.123	+0.057	+0.141	+0.991	+0.669	+0.370
50%	+0.13	+0.022	+0.010	+3.08	+1.74	+5.42	+1.56	+3.12	-0.099	+0.103	+0.051	+0.028	+0.061	+0.641	+0.205	+0.223
70%	+0.06	+0.012	-0.000	+2.21	+1.30	+4.03	+1.03	+4.82	+0.136	-0.054	-0.021	-0.001	-0.018	+0.292	-0.259	+0.075
80%	+0.01	+0.006	-0.006	+1.68	+1.04	+3.19	+0.71	+5.85	+0.278	-0.149	-0.065	-0.018	-0.066	+0.080	-0.540	-0.014
90%	-0.05	-0.003	-0.014	+0.95	+0.67	+2.02	+0.26	+7.28	+0.475	-0.281	-0.126	-0.042	-0.133	-0.213	-0.930	-0.137
95%	-0.10	-0.010	-0.021	+0.34	+0.37	+1.05	-0.11	+8.46	+0.638	-0.390	-0.176	-0.062	-0.188	-0.455	-1.251	-0.239
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	235	238	238	264	264	264	264	177	154	154	154	154	154	154	154	118
Number of sires	5069	5131	5131	5336	5336	5336	5336	4548	4025	4025	4025	4025	4025	4025	4025	3275

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE December 2024

SIL GE# 42010

Sires with progeny born in

2021-2023

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%	-49.6	-51.4	-67.0	+38.00	+1.78	-0.84	-0.96	-1.36	+0.40
10%	-39.3	-40.3	-54.7	+31.42	+1.47	-0.66	-0.76	-1.15	+0.34
20%	-26.9	-26.8	-39.7	+23.46	+1.10	-0.46	-0.52	-0.91	+0.27
30%	-17.9	-17.1	-28.9	+17.72	+0.83	-0.31	-0.35	-0.73	+0.21
50%	-3.1	-1.0	-11.0	+8.23	+0.39	-0.06	-0.06	-0.44	+0.13
70%	+11.7	+15.0	+6.8	-1.26	-0.05	+0.19	+0.22	-0.14	+0.04
80%	+20.7	+24.7	+17.6	-7.00	-0.32	+0.34	+0.40	+0.03	-0.01
90%	+33.2	+38.2	+32.6	-14.97	-0.70	+0.55	+0.64	+0.28	-0.08
95%	+43.4	+49.3	+44.9	-21.54	-1.00	+0.72	+0.84	+0.48	-0.14
Units	%	%	%	days	kg	score	score	units	score
Number of connected flocks	75	75	75	5	5	110	110	39	83
Number of sires	2117	2117	2117	326	326	3468	3468	1481	2694

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

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