

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE February 2023

SIL GE# 40193

Sires with progeny born in

2020-2022

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	HQLY	CWY	EMAc ¹
5%	+2698	+339	+1567	+998	+0.040	+6.69	+3.62	+11.55	-1.250	+0.911	+0.405	+0.125	+0.420	+2.321	+2.111
10%	+2459	+283	+1417	+896	+0.034	+6.04	+3.27	+10.44	-1.087	+0.788	+0.349	+0.107	+0.360	+2.108	+1.805
20%	+2168	+216	+1235	+773	+0.026	+5.25	+2.85	+9.10	-0.889	+0.639	+0.281	+0.084	+0.287	+1.851	+1.435
30%	+1959	+167	+1104	+684	+0.020	+4.69	+2.55	+8.13	-0.746	+0.532	+0.231	+0.067	+0.234	+1.665	+1.169
50%	+1613	+87	+888	+537	+0.010	+3.75	+2.04	+6.52	-0.510	+0.355	+0.150	+0.040	+0.147	+1.358	+0.727
70%	+1267	+6	+671	+390	+0.001	+2.81	+1.54	+4.92	-0.274	+0.178	+0.069	+0.013	+0.060	+1.051	+0.286
80%	+1058	-43	+540	+301	-0.005	+2.24	+1.24	+3.95	-0.131	+0.070	+0.020	-0.004	+0.007	+0.865	+0.020
90%	+768	-110	+359	+178	-0.013	+1.46	+0.81	+2.60	+0.067	-0.078	-0.049	-0.027	-0.066	+0.608	-0.350
95%	+528	-166	+209	+76	-0.020	+0.81	+0.46	+1.49	+0.230	-0.201	-0.105	-0.046	-0.127	+0.395	-0.656
Traits in index or units	Lamb Survival, Lamb Growth th, Meat Yield	Lamb Survival	Lamb Growth th	Meat Yield	x100 =%	kg	kg	kg	kg fat	kg lean	kg lean	kg lean	kg lean	kg lean	sq. cm
Number of connected flocks	73	126	164	87	126	164	164	164	87	87	87	87	87	87	87
Number of sires	1544	2076	2454	1715	2076	2454	2454	2454	1715	1715	1715	1715	1715	1715	1715

¹ These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE February 2023

SIL GE # 40193

Sires with progeny born in **2020-2022**

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%	+3350	+3481	+3915	+3606	+5434	+3363	+934	+1303	+2597	+322	+1949	+1088	+245	+907	+2765	+108	+1224
10%	+3045	+3180	+3552	+3245	+4987	+3055	+803	+1122	+2355	+140	+1749	+924	+208	+707	+2437	+85	+1029
20%	+2676	+2816	+3113	+2809	+4447	+2683	+645	+902	+2063	-81	+1507	+725	+164	+464	+2040	+56	+792
30%	+2409	+2553	+2797	+2495	+4058	+2414	+531	+744	+1852	-241	+1333	+581	+131	+290	+1753	+36	+622
40%	+2181	+2329	+2526	+2226	+3725	+2184	+433	+609	+1672	-377	+1184	+459	+104	+140	+1509	+18	+476
50%	+1969	+2119	+2273	+1975	+3414	+1970	+342	+483	+1503	-504	+1045	+344	+78	+1	+1280	+2	+340
60%	+1756	+1910	+2021	+1723	+3103	+1755	+251	+357	+1335	-631	+906	+230	+52	-139	+1051	-14	+203
70%	+1528	+1685	+1750	+1454	+2770	+1525	+153	+221	+1154	-767	+757	+107	+25	-288	+806	-32	+58
80%	+1262	+1423	+1433	+1140	+2380	+1256	+39	+63	+944	-927	+583	-37	-7	-463	+520	-52	-113
90%	+892	+1058	+994	+704	+1840	+884	-120	-156	+651	-1148	+342	-236	-52	-705	+123	-81	-350
95%	+587	+758	+632	+343	+1394	+576	-251	-337	+409	-1330	+142	-400	-89	-905	-205	-104	-545
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	140	101	93	59	25	67	210	231	256	160	147	122	117	61	26	73	69
Number of sires	4008	3247	3154	1956	1047	2642	4865	5030	5228	4267	4070	3513	3425	1975	1080	2740	2426

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE February 2023

SIL GE # 40193

Sires with progeny born in

2020-2022

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%	+3481	+4019	+3720	+5537	+3958	+3476	+4098	+5685	+3964	+5803
10%	+3180	+3665	+3352	+5097	+3610	+3177	+3698	+5242	+3614	+5318
20%	+2816	+3237	+2906	+4565	+3187	+2814	+3213	+4705	+3191	+4730
30%	+2553	+2928	+2584	+4182	+2883	+2552	+2864	+4318	+2885	+4306
40%	+2329	+2664	+2310	+3854	+2623	+2328	+2566	+3988	+2625	+3943
50%	+2119	+2417	+2053	+3547	+2380	+2119	+2287	+3679	+2381	+3605
60%	+1910	+2171	+1796	+3241	+2137	+1910	+2008	+3370	+2137	+3266
70%	+1685	+1907	+1521	+2913	+1877	+1687	+1709	+3040	+1876	+2904
80%	+1423	+1598	+1200	+2529	+1572	+1425	+1360	+2653	+1571	+2480
90%	+1058	+1170	+754	+1997	+1150	+1062	+876	+2116	+1147	+1892
95%	+758	+816	+386	+1558	+802	+762	+476	+1673	+798	+1406
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	101	76	50	23	47	55	40	22	46	22
Number of sires	3247	2728	1730	1028	2025	2300	1561	1009	2137	1009

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE February 2023

SIL GE# 40193

Sires with progeny born in

2020-2022

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%	+0.39	+0.056	+0.040	+5.71	+3.01	+9.64	+3.19	-2.04	-0.874	+0.678	+0.318	+0.119	+0.337	+1.671	+1.690	+0.681
10%	+0.33	+0.048	+0.033	+5.13	+2.73	+8.72	+2.80	-0.88	-0.698	+0.548	+0.258	+0.098	+0.275	+1.428	+1.358	+0.578
20%	+0.27	+0.039	+0.025	+4.43	+2.38	+7.61	+2.32	+0.51	-0.486	+0.390	+0.186	+0.073	+0.199	+1.134	+0.956	+0.453
30%	+0.22	+0.032	+0.019	+3.93	+2.13	+6.81	+1.98	+1.52	-0.332	+0.276	+0.133	+0.055	+0.144	+0.922	+0.666	+0.363
50%	+0.14	+0.021	+0.009	+3.10	+1.72	+5.49	+1.42	+3.19	-0.078	+0.088	+0.047	+0.025	+0.054	+0.571	+0.187	+0.214
70%	+0.06	+0.010	-0.001	+2.27	+1.30	+4.17	+0.85	+4.86	+0.175	-0.100	-0.039	-0.005	-0.037	+0.221	-0.293	+0.065
80%	+0.01	+0.004	-0.007	+1.77	+1.05	+3.37	+0.51	+5.86	+0.329	-0.214	-0.091	-0.023	-0.091	+0.009	-0.583	-0.025
90%	-0.06	-0.005	-0.015	+1.07	+0.70	+2.26	+0.04	+7.26	+0.541	-0.372	-0.164	-0.048	-0.167	-0.285	-0.985	-0.150
95%	-0.11	-0.013	-0.022	+0.49	+0.42	+1.34	-0.35	+8.42	+0.717	-0.503	-0.223	-0.069	-0.230	-0.528	-1.317	-0.253
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	210	231	231	256	256	256	256	160	122	122	122	122	122	122	122	117
Number of sires	4865	5030	5030	5228	5228	5228	5228	4267	3513	3513	3513	3513	3513	3513	3513	3425

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE February 2023

SIL GE# 40193

Sires with progeny born in

2020-2022

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%	-46.2	-48.6	-65.5	+35.93	+2.01	-0.81	-1.00	-1.24	+0.37
10%	-35.4	-37.1	-52.8	+30.07	+1.67	-0.63	-0.79	-1.09	+0.31
20%	-22.4	-23.2	-37.3	+22.98	+1.27	-0.43	-0.53	-0.92	+0.24
30%	-13.0	-13.2	-26.2	+17.86	+0.98	-0.28	-0.34	-0.79	+0.19
50%	+2.5	+3.4	-7.7	+9.41	+0.50	-0.03	-0.04	-0.57	+0.10
70%	+18.0	+19.9	+10.7	+0.95	+0.01	+0.22	+0.27	-0.36	+0.02
80%	+27.4	+30.0	+21.8	-4.16	-0.28	+0.37	+0.45	-0.23	-0.03
90%	+40.4	+43.9	+37.3	-11.25	-0.68	+0.58	+0.71	-0.06	-0.11
95%	+51.2	+55.3	+50.1	-17.11	-1.01	+0.75	+0.92	+0.09	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	62	62	62	3	3	82	82	26	70
Number of sires	1986	1986	1986	215	215	3016	3016	1080	2434

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

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