

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE August 2024

SIL GE# 41739

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%	+2743	+355	+1616	+980	+0.042	+6.87	+3.74	+11.84	-1.177	+0.823	+0.361	+0.125	+0.393	+2.364	+2.044
10%	+2490	+300	+1460	+877	+0.036	+6.20	+3.38	+10.68	-1.015	+0.707	+0.307	+0.106	+0.334	+2.140	+1.734
20%	+2184	+233	+1270	+752	+0.028	+5.38	+2.94	+9.28	-0.819	+0.567	+0.243	+0.083	+0.262	+1.869	+1.359
30%	+1963	+185	+1133	+662	+0.022	+4.79	+2.62	+8.27	-0.678	+0.466	+0.197	+0.067	+0.211	+1.674	+1.089
50%	+1598	+106	+907	+513	+0.013	+3.82	+2.09	+6.59	-0.445	+0.299	+0.120	+0.040	+0.126	+1.351	+0.642
70%	+1233	+26	+681	+364	+0.003	+2.85	+1.56	+4.92	-0.211	+0.132	+0.044	+0.013	+0.041	+1.029	+0.195
80%	+1012	-22	+545	+274	-0.003	+2.26	+1.25	+3.91	-0.070	+0.031	-0.003	-0.004	-0.011	+0.833	-0.076
90%	+706	-89	+355	+149	-0.011	+1.44	+0.80	+2.51	+0.125	-0.109	-0.067	-0.027	-0.082	+0.563	-0.451
95%	+453	-144	+199	+46	-0.017	+0.77	+0.44	+1.35	+0.287	-0.224	-0.120	-0.046	-0.141	+0.339	-0.760
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	116	160	203	137	160	203	203	203	137	137	137	137	137	137	137
Number of sires	2080	2434	2787	2316	2434	2787	2787	2787	2316	2316	2316	2316	2316	2316	2316

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 August 2024

SIL GE # 41739

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%	+3499	+3700	+4126	+3811	+5652	+3505	+922	+1279	+2694	+332	+2051	+1091	+243	+952	+2845	+107	+1308
10%	+3173	+3378	+3746	+3436	+5063	+3186	+797	+1110	+2441	+146	+1837	+937	+208	+761	+2425	+85	+1111
20%	+2777	+2987	+3287	+2982	+4351	+2800	+647	+905	+2135	-79	+1578	+750	+165	+531	+1918	+57	+874
30%	+2492	+2705	+2955	+2654	+3837	+2521	+538	+758	+1914	-241	+1391	+616	+134	+364	+1551	+37	+703
40%	+2249	+2464	+2672	+2374	+3398	+2283	+445	+632	+1725	-379	+1231	+501	+108	+222	+1239	+20	+556
50%	+2021	+2239	+2408	+2112	+2988	+2061	+358	+514	+1549	-509	+1082	+393	+83	+89	+946	+4	+420
60%	+1793	+2014	+2143	+1851	+2577	+1839	+272	+396	+1373	-638	+933	+286	+58	-44	+654	-11	+283
70%	+1550	+1773	+1860	+1571	+2138	+1601	+179	+270	+1184	-776	+773	+171	+32	-186	+341	-28	+136
80%	+1264	+1492	+1528	+1243	+1625	+1322	+70	+123	+963	-938	+586	+36	+1	-352	-25	-48	-35
90%	+869	+1101	+1069	+789	+912	+936	-80	-82	+657	-1163	+327	-150	-42	-583	-533	-76	-272
95%	+543	+778	+689	+414	+324	+617	-205	-251	+404	-1349	+113	-304	-78	-773	-952	-99	-469
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	153	95	108	67	31	76	226	234	261	169	164	145	112	72	32	90	80
Number of sires	4233	3022	3406	2031	1246	2820	4919	5077	5285	4415	4365	3855	3192	2079	1260	2945	2568

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE August 2024

SIL GE # 41739

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%	+3700	+4286	+4024	+5900	+4297	+3669	+4421	+6092	+4192	+6353
10%	+3378	+3917	+3644	+5305	+3936	+3357	+4020	+5523	+3836	+5730
20%	+2987	+3470	+3184	+4584	+3499	+2979	+3534	+4833	+3404	+4976
30%	+2705	+3148	+2852	+4065	+3184	+2707	+3184	+4336	+3093	+4432
40%	+2464	+2872	+2569	+3621	+2915	+2474	+2885	+3911	+2827	+3967
50%	+2239	+2615	+2304	+3206	+2664	+2257	+2605	+3514	+2578	+3532
60%	+2014	+2358	+2039	+2791	+2412	+2040	+2326	+3117	+2330	+3098
70%	+1773	+2082	+1756	+2347	+2143	+1807	+2027	+2693	+2064	+2633
80%	+1492	+1760	+1424	+1827	+1828	+1535	+1677	+2196	+1753	+2089
90%	+1101	+1313	+964	+1107	+1391	+1157	+1191	+1506	+1321	+1334
95%	+778	+944	+584	+512	+1030	+845	+790	+937	+965	+711
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	95	73	46	26	51	54	38	24	45	24
Number of sires	3022	2619	1525	1070	2015	2248	1377	1024	2057	1024

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NZGE gBV's - Dual Purpose - Sire Percentile Bands

NZGE August 2024

SIL GE# 41739

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	+5.84	+3.13	+9.85	+3.24	-2.10	-0.834	+0.600	+0.280	+0.121	+0.316	+1.743	+1.663	+0.678
10%	+0.32	+0.048	+0.033	+5.23	+2.83	+8.89	+2.88	-0.92	-0.673	+0.492	+0.230	+0.100	+0.261	+1.500	+1.341	+0.579
20%	+0.26	+0.039	+0.025	+4.50	+2.46	+7.72	+2.43	+0.50	-0.478	+0.362	+0.170	+0.076	+0.194	+1.206	+0.950	+0.458
30%	+0.21	+0.033	+0.019	+3.98	+2.20	+6.88	+2.11	+1.52	-0.337	+0.268	+0.127	+0.059	+0.147	+0.994	+0.669	+0.371
50%	+0.14	+0.023	+0.010	+3.11	+1.76	+5.49	+1.58	+3.22	-0.104	+0.112	+0.056	+0.030	+0.067	+0.643	+0.203	+0.228
70%	+0.07	+0.013	+0.000	+2.24	+1.32	+4.10	+1.05	+4.91	+0.129	-0.043	-0.016	+0.001	-0.012	+0.292	-0.262	+0.084
80%	+0.02	+0.007	-0.006	+1.72	+1.06	+3.26	+0.73	+5.94	+0.270	-0.137	-0.059	-0.017	-0.060	+0.080	-0.544	-0.003
90%	-0.04	-0.002	-0.014	+0.99	+0.69	+2.10	+0.28	+7.36	+0.465	-0.268	-0.119	-0.041	-0.126	-0.214	-0.934	-0.123
95%	-0.09	-0.009	-0.021	+0.39	+0.38	+1.13	-0.09	+8.54	+0.627	-0.375	-0.168	-0.061	-0.181	-0.457	-1.256	-0.223
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	226	234	234	261	261	261	261	169	145	145	145	145	145	145	145	112
Number of sires	4919	5077	5077	5285	5285	5285	5285	4415	3855	3855	3855	3855	3855	3855	3855	3192

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