

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE December 2022

SIL GE# 39930

Sires with progeny born in **2019-2021**

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%	+2662	+330	+1592	+976	+0.039	+6.81	+3.67	+11.69	-1.201	+0.875	+0.391	+0.122	+0.406	+2.300	+2.088
10%	+2422	+277	+1440	+875	+0.033	+6.15	+3.32	+10.56	-1.043	+0.755	+0.336	+0.104	+0.346	+2.084	+1.786
20%	+2131	+213	+1255	+752	+0.025	+5.34	+2.89	+9.20	-0.852	+0.610	+0.268	+0.081	+0.274	+1.821	+1.420
30%	+1921	+167	+1122	+663	+0.020	+4.77	+2.58	+8.21	-0.714	+0.506	+0.219	+0.065	+0.222	+1.632	+1.156
50%	+1574	+90	+902	+516	+0.011	+3.81	+2.07	+6.58	-0.486	+0.333	+0.139	+0.039	+0.136	+1.319	+0.721
70%	+1227	+13	+681	+369	+0.002	+2.85	+1.56	+4.95	-0.258	+0.160	+0.058	+0.012	+0.049	+1.006	+0.285
80%	+1017	-33	+548	+280	-0.004	+2.27	+1.25	+3.97	-0.120	+0.056	+0.009	-0.004	-0.003	+0.816	+0.021
90%	+726	-98	+363	+157	-0.012	+1.47	+0.83	+2.60	+0.072	-0.089	-0.058	-0.026	-0.075	+0.554	-0.345
95%	+486	-151	+211	+56	-0.018	+0.81	+0.47	+1.47	+0.230	-0.209	-0.114	-0.045	-0.135	+0.337	-0.647
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	114	145	180	128	145	180	180	180	128	128	128	128	128	128	128
Number of sires	1924	2147	2454	2114	2147	2454	2454	2454	2114	2114	2114	2114	2114	2114	2114

¹ These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE December 2022

SIL GE # 39930

Sires with progeny born in 2019-2021

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%	+3364	+3544	+3944	+3662	+5559	+3396	+922	+1288	+2625	+297	+1969	+1095	+236	+902	+2909	+109	+1225
10%	+3054	+3230	+3582	+3297	+5097	+3081	+794	+1112	+2381	+119	+1766	+932	+202	+703	+2562	+85	+1029
20%	+2679	+2851	+3144	+2854	+4538	+2699	+638	+900	+2085	-98	+1519	+735	+162	+461	+2142	+57	+792
30%	+2409	+2577	+2829	+2535	+4134	+2424	+526	+747	+1871	-254	+1341	+592	+132	+287	+1838	+37	+621
40%	+2178	+2343	+2559	+2263	+3790	+2189	+430	+616	+1689	-387	+1189	+471	+107	+138	+1579	+20	+475
50%	+1962	+2124	+2307	+2008	+3468	+1970	+340	+494	+1518	-511	+1047	+357	+84	-1	+1337	+4	+339
60%	+1746	+1906	+2055	+1753	+3146	+1750	+250	+371	+1348	-636	+905	+243	+61	-141	+1095	-12	+202
70%	+1514	+1672	+1785	+1480	+2801	+1515	+154	+240	+1166	-769	+753	+122	+36	-290	+836	-29	+56
80%	+1244	+1398	+1470	+1161	+2398	+1240	+42	+87	+952	-925	+575	-21	+6	-464	+533	-50	-115
90%	+869	+1018	+1032	+719	+1838	+859	-114	-125	+656	-1141	+328	-218	-34	-706	+112	-77	-352
95%	+559	+705	+671	+353	+1376	+544	-242	-301	+412	-1320	+125	-382	-68	-905	-235	-101	-548
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	163	128	115	62	35	68	240	255	274	178	172	158	150	64	39	72	77
Number of sires	4300	3670	3412	1993	1256	2629	5107	5183	5311	4442	4374	3867	3905	2012	1357	2655	2483

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE December 2022

SIL GE # 39930

Sires with progeny born in **2019-2021**

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%	+3544	+4078	+3861	+5663	+4008	+3552	+4240	+5704	+4067	+5833
10%	+3230	+3713	+3498	+5207	+3655	+3234	+3840	+5264	+3700	+5352
20%	+2851	+3271	+3059	+4655	+3227	+2849	+3356	+4732	+3255	+4769
30%	+2577	+2953	+2742	+4258	+2919	+2571	+3008	+4347	+2934	+4349
40%	+2343	+2681	+2471	+3918	+2656	+2334	+2709	+4019	+2660	+3990
50%	+2124	+2426	+2218	+3600	+2409	+2112	+2431	+3712	+2404	+3654
60%	+1906	+2172	+1964	+3283	+2163	+1890	+2152	+3406	+2147	+3319
70%	+1672	+1900	+1694	+2943	+1899	+1653	+1854	+3077	+1873	+2960
80%	+1398	+1581	+1377	+2545	+1591	+1375	+1505	+2693	+1553	+2540
90%	+1018	+1139	+937	+1994	+1163	+990	+1022	+2160	+1108	+1957
95%	+705	+774	+574	+1538	+810	+672	+622	+1721	+740	+1476
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	128	94	55	33	60	58	43	24	46	24
Number of sires	3670	2954	1747	1236	2058	2323	1530	1054	2051	1054

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE December 2022

SIL GE# 39930

Sires with progeny born in

2019-2021

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%	+0.38	+0.055	+0.040	+5.78	+3.05	+9.73	+3.12	-1.88	-0.881	+0.681	+0.318	+0.118	+0.336	+1.681	+1.670	+0.654
10%	+0.33	+0.048	+0.033	+5.19	+2.76	+8.80	+2.75	-0.75	-0.706	+0.552	+0.259	+0.098	+0.274	+1.441	+1.345	+0.561
20%	+0.26	+0.039	+0.025	+4.49	+2.40	+7.68	+2.30	+0.62	-0.495	+0.395	+0.188	+0.073	+0.199	+1.149	+0.952	+0.447
30%	+0.21	+0.032	+0.019	+3.98	+2.15	+6.87	+1.97	+1.60	-0.343	+0.283	+0.136	+0.055	+0.145	+0.939	+0.669	+0.366
50%	+0.14	+0.022	+0.010	+3.14	+1.73	+5.53	+1.44	+3.24	-0.091	+0.096	+0.050	+0.026	+0.056	+0.592	+0.200	+0.231
70%	+0.06	+0.011	+0.000	+2.29	+1.31	+4.20	+0.90	+4.87	+0.161	-0.090	-0.035	-0.004	-0.033	+0.245	-0.269	+0.096
80%	+0.01	+0.004	-0.006	+1.78	+1.06	+3.39	+0.57	+5.86	+0.313	-0.203	-0.087	-0.021	-0.087	+0.034	-0.552	+0.014
90%	-0.06	-0.005	-0.014	+1.08	+0.70	+2.27	+0.12	+7.22	+0.524	-0.359	-0.159	-0.046	-0.162	-0.257	-0.945	-0.099
95%	-0.11	-0.012	-0.020	+0.50	+0.41	+1.34	-0.25	+8.35	+0.699	-0.488	-0.218	-0.067	-0.224	-0.498	-1.270	-0.193
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	240	255	255	274	274	274	274	178	158	158	158	158	158	158	158	150
Number of sires	5107	5183	5183	5311	5311	5311	5311	4442	3867	3867	3867	3867	3867	3867	3867	3905

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE December 2022

SIL GE# 39930

Sires with progeny born in

2019-2021

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%	-45.9	-48.5	-65.4	+35.93	+2.00	-0.82	-0.99	-1.31	+0.37
10%	-35.2	-37.0	-52.6	+30.07	+1.67	-0.64	-0.78	-1.15	+0.31
20%	-22.3	-23.1	-37.1	+22.98	+1.26	-0.44	-0.53	-0.96	+0.24
30%	-13.0	-13.1	-25.9	+17.87	+0.97	-0.29	-0.35	-0.83	+0.19
50%	+2.5	+3.4	-7.3	+9.42	+0.49	-0.04	-0.05	-0.60	+0.10
70%	+17.9	+20.0	+11.2	+0.97	+0.01	+0.21	+0.25	-0.38	+0.02
80%	+27.3	+30.0	+22.4	-4.14	-0.29	+0.36	+0.43	-0.24	-0.03
90%	+40.2	+43.9	+37.9	-11.23	-0.69	+0.56	+0.68	-0.05	-0.11
95%	+50.9	+55.3	+50.8	-17.09	-1.02	+0.73	+0.88	+0.11	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	65	65	65	3	3	81	81	39	79
Number of sires	2023	2023	2023	215	215	2931	2931	1357	2515

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

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