

NZGE Indexes and gBVs - Terminal Sire - Sire Percentile Bands

NZGE April 2023

SIL GE# 40458

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	HQLV	CWY	EMAc ¹
5%	+2699	+343	+1553	+1057	+0.041	+6.69	+3.57	+11.39	-1.329	+1.008	+0.457	+0.118	+0.449	+2.422	+2.020
10%	+2453	+287	+1402	+945	+0.034	+6.03	+3.22	+10.27	-1.153	+0.871	+0.393	+0.100	+0.384	+2.193	+1.718
20%	+2156	+218	+1218	+810	+0.026	+5.23	+2.80	+8.92	-0.940	+0.706	+0.315	+0.077	+0.306	+1.915	+1.351
30%	+1942	+169	+1086	+713	+0.020	+4.65	+2.49	+7.95	-0.786	+0.586	+0.259	+0.061	+0.249	+1.714	+1.087
50%	+1588	+87	+868	+551	+0.010	+3.69	+1.99	+6.34	-0.532	+0.389	+0.167	+0.035	+0.156	+1.383	+0.650
70%	+1234	+6	+650	+390	+0.001	+2.74	+1.49	+4.73	-0.277	+0.192	+0.074	+0.008	+0.063	+1.052	+0.213
80%	+1019	-43	+518	+293	-0.005	+2.16	+1.18	+3.76	-0.124	+0.072	+0.018	-0.008	+0.007	+0.852	-0.052
90%	+722	-112	+335	+158	-0.013	+1.36	+0.76	+2.40	+0.090	-0.093	-0.059	-0.030	-0.072	+0.574	-0.418
95%	+477	-168	+184	+46	-0.020	+0.70	+0.41	+1.29	+0.266	-0.230	-0.123	-0.049	-0.136	+0.345	-0.721
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	87	137	176	101	137	176	176	176	101	101	101	101	101	101	101
Number of sires	1710	2182	2533	1881	2182	2533	2533	2533	1881	1881	1881	1881	1881	1881	1881

¹These BVs not used in standard SIL indexes

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NZGE Indexes - Dual Purpose - Sire Percentile Bands

NZGE April 2023

SIL GE # 40458

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%	+3335	+3474	+3887	+3620	+5422	+3339	+934	+1318	+2558	+348	+1944	+1137	+248	+927	+2765	+106	+1201
10%	+3026	+3167	+3520	+3256	+4975	+3026	+803	+1131	+2316	+166	+1742	+961	+211	+731	+2436	+82	+1007
20%	+2653	+2796	+3076	+2815	+4434	+2649	+644	+905	+2024	-55	+1498	+747	+166	+492	+2037	+54	+771
30%	+2384	+2528	+2755	+2498	+4045	+2376	+529	+741	+1814	-214	+1322	+593	+134	+321	+1749	+34	+601
40%	+2154	+2299	+2482	+2226	+3711	+2143	+431	+601	+1634	-349	+1172	+461	+107	+174	+1503	+16	+455
50%	+1938	+2085	+2226	+1972	+3400	+1926	+339	+471	+1466	-477	+1031	+338	+81	+37	+1274	-0	+320
60%	+1723	+1872	+1970	+1719	+3089	+1708	+247	+340	+1298	-604	+891	+215	+55	-100	+1044	-16	+184
70%	+1493	+1643	+1696	+1447	+2756	+1475	+149	+201	+1118	-739	+741	+84	+28	-247	+798	-34	+38
80%	+1224	+1375	+1376	+1130	+2366	+1203	+35	+37	+907	-899	+565	-70	-5	-419	+510	-54	-132
90%	+851	+1004	+931	+689	+1825	+825	-125	-190	+615	-1119	+321	-284	-49	-657	+112	-82	-367
95%	+542	+697	+564	+325	+1379	+513	-256	-377	+374	-1301	+119	-460	-86	-854	-218	-106	-562
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	143	101	98	59	25	66	219	239	265	161	149	132	117	61	26	74	67
Number of sires	4070	3250	3232	1953	1043	2627	4956	5133	5331	4277	4127	3630	3427	1972	1076	2759	2418

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NZGE Indexes - Dual Purpose+ Wool - Sire Percentile Bands

NZGE April 2023

SIL GE # 40458

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%	+3474	+4001	+3739	+5540	+3912	+3468	+4097	+5670	+3922	+5810
10%	+3167	+3639	+3364	+5097	+3559	+3161	+3685	+5218	+3564	+5315
20%	+2796	+3200	+2910	+4559	+3132	+2789	+3187	+4669	+3131	+4716
30%	+2528	+2884	+2582	+4172	+2825	+2521	+2828	+4274	+2818	+4284
40%	+2299	+2613	+2303	+3841	+2562	+2292	+2521	+3936	+2551	+3915
50%	+2085	+2361	+2041	+3532	+2316	+2078	+2234	+3620	+2302	+3570
60%	+1872	+2108	+1779	+3222	+2070	+1864	+1947	+3305	+2053	+3225
70%	+1643	+1838	+1500	+2891	+1807	+1635	+1640	+2967	+1786	+2856
80%	+1375	+1521	+1172	+2504	+1499	+1367	+1280	+2572	+1473	+2424
90%	+1004	+1083	+718	+1967	+1072	+995	+782	+2023	+1040	+1825
95%	+697	+720	+343	+1523	+719	+688	+370	+1571	+682	+1331
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	78	50	23	48	54	40	22	46	22
Number of sires	3250	2775	1727	1024	2028	2284	1557	1005	2131	1005

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NZGE gBVs - Dual Purpose - Sire Percentile Bands

NZGE April 2023

SIL GE# 40458

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	+0.042	+5.64	+2.95	+9.44	+3.16	-2.20	-0.927	+0.783	+0.370	+0.119	+0.373	+1.690	+1.660	+0.688
10%	+0.33	+0.048	+0.034	+5.06	+2.67	+8.53	+2.77	-1.05	-0.742	+0.634	+0.301	+0.099	+0.304	+1.435	+1.332	+0.585
20%	+0.26	+0.039	+0.026	+4.37	+2.32	+7.43	+2.30	+0.35	-0.518	+0.454	+0.217	+0.075	+0.222	+1.126	+0.934	+0.460
30%	+0.22	+0.032	+0.019	+3.87	+2.07	+6.64	+1.96	+1.35	-0.356	+0.323	+0.157	+0.057	+0.162	+0.903	+0.648	+0.370
50%	+0.14	+0.021	+0.009	+3.04	+1.66	+5.32	+1.41	+3.02	-0.089	+0.108	+0.058	+0.028	+0.064	+0.534	+0.174	+0.221
70%	+0.06	+0.010	-0.002	+2.21	+1.25	+4.01	+0.85	+4.68	+0.178	-0.107	-0.042	-0.001	-0.035	+0.165	-0.301	+0.072
80%	+0.01	+0.003	-0.008	+1.71	+1.00	+3.22	+0.51	+5.69	+0.340	-0.237	-0.102	-0.019	-0.094	-0.058	-0.587	-0.018
90%	-0.06	-0.006	-0.017	+1.01	+0.65	+2.11	+0.04	+7.08	+0.564	-0.417	-0.186	-0.044	-0.177	-0.367	-0.985	-0.143
95%	-0.12	-0.014	-0.024	+0.44	+0.37	+1.20	-0.35	+8.24	+0.749	-0.566	-0.255	-0.064	-0.245	-0.623	-1.313	-0.247
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	219	239	239	265	265	265	265	161	132	132	132	132	132	132	132	117
Number of sires	4956	5133	5133	5331	5331	5331	5331	4277	3630	3630	3630	3630	3630	3630	3630	3427

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NZGE gBVs- Health Traits - Sire Percentile Bands

NZGE April 2023

SIL GE# 40458

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%	-47.8	-49.5	-66.1	+35.77	+2.03	-0.77	-1.01	-1.24	+0.37
10%	-37.2	-38.2	-53.6	+29.58	+1.69	-0.60	-0.80	-1.09	+0.31
20%	-24.3	-24.5	-38.5	+22.09	+1.27	-0.40	-0.54	-0.91	+0.23
30%	-15.1	-14.6	-27.6	+16.69	+0.97	-0.25	-0.35	-0.79	+0.18
50%	+0.3	+1.7	-9.5	+7.76	+0.47	-0.00	-0.04	-0.57	+0.10
70%	+15.6	+18.0	+8.5	-1.17	-0.03	+0.24	+0.27	-0.36	+0.01
80%	+24.9	+27.8	+19.4	-6.57	-0.33	+0.39	+0.46	-0.23	-0.04
90%	+37.8	+41.5	+34.5	-14.07	-0.75	+0.59	+0.72	-0.05	-0.11
95%	+48.4	+52.8	+47.0	-20.25	-1.09	+0.76	+0.93	+0.10	-0.17
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	62	62	62	4	4	84	84	26	68
Number of sires	1983	1983	1983	219	219	3060	3060	1076	2428

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

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