

NZGE Indexes and gBVs - Terminal Sire - Young Ram Percentile Bands

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NZGE March 2021

SIL GE# 38256

Rams born in 2019

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%	+2121	+225	+1154	+838	+0.037	+5.96	+3.27	+10.51	-1.102	+0.820	+0.378	+0.110	+0.372	+2.119	+1.637
10%	+1934	+195	+1046	+752	+0.032	+5.40	+2.96	+9.52	-0.964	+0.712	+0.327	+0.095	+0.320	+1.921	+1.397
20%	+1708	+158	+915	+648	+0.026	+4.73	+2.59	+8.31	-0.797	+0.581	+0.265	+0.077	+0.257	+1.681	+1.107
30%	+1545	+132	+821	+573	+0.022	+4.25	+2.32	+7.44	-0.677	+0.487	+0.220	+0.063	+0.212	+1.508	+0.898
50%	+1275	+89	+665	+449	+0.015	+3.45	+1.87	+6.00	-0.478	+0.331	+0.145	+0.041	+0.137	+1.222	+0.552
70%	+1005	+45	+510	+325	+0.007	+2.65	+1.42	+4.55	-0.279	+0.175	+0.071	+0.019	+0.062	+0.936	+0.206
80%	+842	+19	+415	+250	+0.003	+2.17	+1.15	+3.68	-0.159	+0.081	+0.026	+0.006	0.000	0.000	-0.003
90%	+616	-17	+285	+146	-0.003	+1.50	+0.78	+2.47	+0.008	-0.050	-0.036	-0.013	-0.046	+0.524	-0.293
95%	+429	-47	+177	+60	-0.008	+0.94	+0.47	+1.48	+0.146	-0.158	-0.088	-0.028	-0.098	+0.325	-0.533
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	103	139	170	119	139	170	170	170	119	119	119	119	119	119	119
Number of rams	19288	22970	26080	21036	22970	26080	26080	26080	21036	21036	21036	21036	21036	21036	21036

¹ These 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 - Young Ram Percentile Bands

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NZGE March 2021

SIL GE # 38256

Rams born in

2019

Threshold to be in top X%	NZGE Dual Purpose Indexes					NZGE Dual Purpose Sub-indexes										
	NZMW	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3012	+3505	+3169	+4829	+3048	+730	+807	+2252	+189	+1618	+848	+341	+606	+2167	+82	+498
10%	+2744	+3195	+2920	+4450	+2765	+641	+709	+2032	+48	+1444	+719	+296	+477	+1901	+65	+419
20%	+2419	+2820	+2619	+3991	+2423	+533	+591	+1765	-124	+1233	+563	+243	+322	+1579	+45	+323
30%	+2185	+2550	+2402	+3661	+2176	+456	+506	+1572	-248	+1080	+450	+204	+209	+1347	+30	+254
40%	+1985	+2319	+2216	+3378	+1965	+389	+433	+1408	-354	+950	+354	+171	+113	+1149	+17	+195
50%	+1798	+2103	+2043	+3114	+1768	+327	+365	+1254	-453	+829	+264	+140	+23	+964	+6	+140
60%	+1611	+1887	+1869	+2850	+1571	+265	+297	+1100	-552	+707	+174	+109	-66	+778	-6	+85
70%	+1411	+1656	+1684	+2567	+1360	+199	+224	+936	-657	+577	+78	+76	-162	+580	-19	+26
80%	+1177	+1386	+1466	+2237	+1113	+121	+138	+743	-781	+425	-35	+38	-275	+348	-33	-43
90%	+853	+1011	+1165	+1778	+770	+13	+20	+476	-953	+213	-191	-16	-431	+26	-54	-138
95%	+585	+702	+916	+1400	+488	-76	-77	+256	-1095	+39	-320	-60	-559	-240	-71	-217
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Wool, Meat Yield	Reproduction, Lamb Growth, Adult size, Wool, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, Wool, 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	117	96	41	27	36	214	256	280	168	168	162	146	46	31	43	69
Number of rams	66618	53359	21566	15950	20838	91988	97713	102420	79554	79554	63469	75158	22702	16978	22487	40793

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE March 2021

SIL GE# 38256

Rams born in

2019

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%	+0.32	+0.045	+0.032	+5.15	+2.85	+9.03	+2.79	-1.29	-0.715	+0.580	+0.276	+0.093	+0.274	+1.315	+1.129	+0.519
10%	+0.28	+0.039	+0.027	+4.63	+2.57	+8.13	+2.46	-0.32	-0.571	+0.465	+0.222	+0.077	+0.223	+1.124	+0.887	+0.451
20%	+0.23	+0.033	+0.022	+4.00	+2.23	+7.05	+2.06	+0.84	-0.396	+0.325	+0.158	+0.058	+0.160	+0.892	+0.595	+0.369
30%	+0.19	+0.028	+0.017	+3.54	+1.98	+6.27	+1.77	+1.69	-0.271	+0.224	+0.111	+0.045	+0.115	+0.725	+0.384	+0.309
50%	+0.14	+0.020	+0.011	+2.79	+1.57	+4.98	+1.29	+3.08	-0.062	+0.058	+0.034	+0.022	+0.040	+0.449	+0.036	+0.211
70%	+0.08	+0.012	+0.004	+2.04	+1.16	+3.69	+0.81	+4.47	+0.146	-0.109	-0.043	-0.000	-0.034	+0.173	-0.313	+0.113
80%	+0.04	+0.007	-0.000	+1.58	+0.91	+2.91	+0.52	+5.31	+0.272	-0.210	-0.090	-0.014	-0.079	+0.006	-0.524	+0.053
90%	-0.01	+0.001	-0.006	+0.95	+0.57	+1.83	+0.12	+6.48	+0.446	-0.350	-0.155	-0.033	-0.142	-0.226	-0.816	-0.029
95%	-0.04	-0.005	-0.011	+0.43	+0.29	+0.94	-0.21	+7.45	+0.590	-0.465	-0.208	-0.048	-0.193	-0.417	-1.058	-0.097
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	214	256	256	280	280	280	280	168	162	162	162	162	162	162	162	146
Number of rams	91988	97713	97713	102420	102420	102420	102420	79554	63469	63469	63469	63469	63469	63469	63469	75158

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE March 2021

SIL GE# 38256

Rams born in

2019

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%	-39.4	-40.0	-58.8	+43.34	+1.16	-0.72	-0.71	-1.11	+0.26
10%	-30.4	-30.5	-48.3	+37.96	+0.92	-0.57	-0.57	-0.98	+0.22
20%	-19.6	-19.0	-35.6	+31.45	+0.64	-0.40	-0.39	-0.81	+0.17
30%	-11.8	-10.8	-26.4	+26.75	+0.43	-0.27	-0.27	-0.69	+0.14
50%	+1.1	+2.9	-11.2	+18.99	+0.09	-0.06	-0.06	-0.50	+0.08
70%	+14.0	+16.6	+4.0	+11.23	-0.25	+0.15	+0.15	-0.30	+0.02
80%	+21.7	+24.8	+13.1	+6.53	-0.46	+0.27	+0.27	-0.18	-0.02
90%	+32.6	+36.3	+25.9	+0.02	-0.74	+0.45	+0.45	-0.01	-0.07
95%	+41.5	+45.8	+36.4	-5.36	-0.98	+0.59	+0.59	+0.12	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	46	46	46	3	3	49	49	31	71
Number of rams	22702	22702	22702	942	942	25283	25283	16978	41754

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

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