

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

NZGE March 2022

SIL GE# 39256

Rams born in 2020

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%	+2064	+196	+1154	+792	+0.032	+5.93	+3.28	+10.46	-1.021	+0.733	+0.316	+0.106	+0.340	+2.060	+1.800
10%	+1878	+167	+1041	+712	+0.027	+5.36	+2.96	+9.41	-0.892	+0.636	+0.273	+0.091	+0.292	+1.871	+1.547
20%	+1654	+132	+904	+615	+0.022	+4.66	+2.56	+8.14	-0.736	+0.518	+0.220	+0.073	+0.235	+1.643	+1.240
30%	+1491	+107	+805	+545	+0.018	+4.16	+2.28	+7.23	-0.624	+0.434	+0.182	+0.060	+0.193	+1.478	+1.019
50%	+1223	+65	+642	+429	+0.011	+3.33	+1.81	+5.71	-0.438	+0.293	+0.119	+0.039	+0.125	+1.205	+0.653
70%	+955	+23	+479	+313	+0.004	+2.50	+1.33	+4.20	-0.252	+0.153	+0.056	+0.017	+0.056	+0.932	+0.287
80%	+793	-2	+380	+243	-0.000	+2.00	+1.05	+3.29	-0.140	+0.068	+0.018	+0.004	+0.015	+0.767	+0.066
90%	+569	-37	+243	+146	-0.006	+1.30	+0.65	+2.02	+0.016	-0.050	-0.034	-0.014	-0.043	+0.538	-0.241
95%	+383	-66	+130	+66	-0.011	+0.73	+0.33	+0.97	+0.145	-0.147	-0.078	-0.029	-0.090	+0.349	-0.494
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	91	138	178	107	138	178	178	178	107	107	107	107	107	107	107
Number of rams	18588	23814	28453	20702	23814	28453	28453	28453	20702	20702	20702	20702	20702	20702	20702

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 - Young Ram Percentile Bands

NZGE March 2022

SIL GE # 39256

Rams born in 2020

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%	+3028	+3521	+3286	+4832	+3061	+757	+834	+2282	+168	+1649	+840	+348	+553	+2147	+79	+549
10%	+2768	+3213	+3027	+4466	+2787	+666	+734	+2064	+25	+1477	+714	+304	+437	+1891	+62	+464
20%	+2454	+2839	+2714	+4022	+2454	+555	+613	+1800	-148	+1268	+562	+250	+296	+1580	+41	+360
30%	+2227	+2570	+2488	+3702	+2215	+475	+525	+1610	-273	+1118	+453	+211	+194	+1355	+26	+285
40%	+2034	+2340	+2296	+3429	+2010	+406	+451	+1447	-379	+990	+359	+177	+107	+1164	+14	+220
50%	+1853	+2125	+2115	+3173	+1818	+343	+381	+1295	-479	+870	+271	+146	+26	+985	+2	+161
60%	+1672	+1910	+1935	+2918	+1627	+279	+311	+1143	-579	+750	+183	+115	-55	+806	-10	+101
70%	+1478	+1680	+1742	+2644	+1422	+210	+237	+980	-685	+622	+90	+82	-142	+614	-22	+37
80%	+1251	+1410	+1517	+2324	+1183	+130	+149	+790	-810	+472	-20	+43	-243	+390	-37	-38
90%	+937	+1037	+1204	+1881	+850	+20	+28	+526	-983	+264	-172	-12	-384	+79	-58	-142
95%	+677	+729	+945	+1514	+576	-72	-72	+308	-1126	+92	-298	-56	-501	-178	-75	-228
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	116	84	47	28	47	222	241	270	176	176	140	138	60	35	60	77
Number of rams	63802	48116	26694	16598	36235	85517	89783	95053	77516	77516	58181	70009	29278	19660	41283	36727

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE March 2022

SIL GE# 39256

Rams born in

2020

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%	+0.33	+0.045	+0.033	+5.19	+2.88	+9.08	+2.89	-1.14	-0.619	+0.458	+0.216	+0.089	+0.238	+1.375	+1.275	+0.532
10%	+0.29	+0.040	+0.028	+4.67	+2.60	+8.20	+2.56	-0.17	-0.485	+0.369	+0.176	+0.073	+0.193	+1.176	+1.015	+0.463
20%	+0.24	+0.033	+0.022	+4.05	+2.26	+7.13	+2.16	+1.01	-0.322	+0.261	+0.127	+0.054	+0.140	+0.936	+0.700	+0.380
30%	+0.20	+0.029	+0.018	+3.60	+2.01	+6.36	+1.87	+1.86	-0.205	+0.183	+0.092	+0.040	+0.101	+0.763	+0.473	+0.320
50%	+0.14	+0.021	+0.011	+2.86	+1.61	+5.08	+1.39	+3.26	-0.012	+0.055	+0.033	+0.017	+0.037	+0.477	+0.097	+0.221
70%	+0.08	+0.013	+0.004	+2.11	+1.21	+3.80	+0.92	+4.66	+0.182	-0.074	-0.025	-0.006	-0.026	+0.191	-0.279	+0.121
80%	+0.05	+0.008	-0.000	+1.66	+0.96	+3.03	+0.63	+5.51	+0.299	-0.151	-0.060	-0.019	-0.065	+0.018	-0.506	+0.061
90%	-0.00	+0.002	-0.006	+1.04	+0.62	+1.96	+0.23	+6.69	+0.462	-0.259	-0.109	-0.039	-0.119	-0.222	-0.821	-0.022
95%	-0.04	-0.004	-0.011	+0.52	+0.34	+1.08	-0.10	+7.66	+0.596	-0.348	-0.149	-0.055	-0.163	-0.421	-1.082	-0.091
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	222	241	241	270	270	270	270	176	140	140	140	140	140	140	140	138
Number of rams	85517	89783	89783	95053	95053	95053	95053	77516	58181	58181	58181	58181	58181	58181	58181	70009

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE March 2022

SIL GE# 39256

Rams born in

2020

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%	-35.6	-36.8	-53.9	+27.35	+1.44	-0.67	-0.71	-1.10	+0.28
10%	-27.4	-28.0	-44.6	+22.89	+1.20	-0.53	-0.56	-0.97	+0.24
20%	-17.6	-17.5	-33.5	+17.48	+0.91	-0.36	-0.38	-0.81	+0.19
30%	-10.4	-9.8	-25.4	+13.58	+0.71	-0.24	-0.24	-0.70	+0.15
50%	+1.3	+2.8	-12.1	+7.14	+0.37	-0.04	-0.02	-0.51	+0.08
70%	+13.1	+15.4	+1.2	+0.69	+0.03	+0.17	+0.20	-0.32	+0.02
80%	+20.2	+23.0	+9.3	-3.21	-0.18	+0.29	+0.33	-0.20	-0.02
90%	+30.1	+33.6	+20.5	-8.61	-0.47	+0.46	+0.52	-0.04	-0.07
95%	+38.2	+42.3	+29.7	-13.08	-0.70	+0.60	+0.67	+0.09	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	61	61	61	3	3	67	67	35	78
Number of rams	29385	29385	29385	6351	6351	44387	44387	19660	37141

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

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