

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

NZGE November 2021

SIL GE# 38710

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%	+2133	+224	+1172	+835	+0.037	+6.00	+3.34	+10.60	-1.101	+0.852	+0.385	+0.104	+0.375	+2.083	+1.767	
10%	+1939	+194	+1060	+749	+0.032	+5.43	+3.02	+9.56	-0.963	+0.742	+0.334	+0.090	+0.324	+1.889	+1.518	
20%	+1705	+157	+924	+645	+0.026	+4.74	+2.62	+8.30	-0.795	+0.608	+0.272	+0.072	+0.262	+1.654	+1.216	
30%	+1536	+131	+825	+570	+0.022	+4.24	+2.34	+7.40	-0.674	+0.512	+0.227	+0.059	+0.217	+1.485	+0.999	
50%	+1256	+87	+663	+447	+0.014	+3.43	+1.87	+5.90	-0.474	+0.353	+0.153	+0.038	+0.143	+1.206	+0.640	
70%	+977	+43	+501	+323	+0.007	+2.61	+1.40	+4.40	-0.274	+0.194	+0.078	+0.017	+0.069	+0.926	+0.280	
80%	+808	+16	+403	+248	+0.003	+2.11	+1.12	+3.49	-0.153	+0.098	+0.033	+0.004	+0.024	+0.757	+0.063	
90%	+574	-21	+267	+145	-0.003	+1.42	+0.72	+2.24	+0.014	-0.035	-0.029	-0.014	-0.038	+0.523	-0.238	
95%	+380	-51	+154	+59	-0.008	+0.85	+0.40	+1.20	+0.153	-0.146	-0.080	-0.029	-0.089	+0.329	-0.487	
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	117	143	180	133	143	180	180	180	133	133	133	133	133	133	133	
Number of rams	20865	22739	26849	22457	22739	26849	26849	26849	22457	22457	22457	22457	22457	22457	22457	

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)

Definitions of SIL BVs & indexes are given in documents on the SIL website



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NZGE Indexes - Dual Purpose - Young Ram Percentile Bands

NZGE November 2021

SIL GE # 38710

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%	+3223	+3777	+3667	+5031	+3218	+768	+982	+2288	+151	+1646	+895	+340	+605	+2118	+78	+550
10%	+2938	+3438	+3367	+4633	+2920	+676	+867	+2074	+10	+1477	+760	+296	+484	+1856	+61	+465
20%	+2593	+3029	+3004	+4152	+2560	+565	+729	+1815	-162	+1272	+597	+243	+338	+1539	+41	+361
30%	+2345	+2734	+2742	+3806	+2301	+486	+628	+1627	-286	+1124	+480	+204	+233	+1311	+26	+287
40%	+2133	+2482	+2518	+3509	+2079	+417	+543	+1468	-392	+998	+379	+172	+143	+1115	+14	+223
50%	+1934	+2246	+2309	+3232	+1872	+354	+463	+1318	-491	+880	+285	+141	+59	+933	+2	+163
60%	+1736	+2010	+2100	+2955	+1664	+290	+383	+1169	-589	+761	+191	+110	-25	+750	-10	+104
70%	+1523	+1758	+1876	+2659	+1443	+222	+298	+1009	-695	+635	+91	+78	-115	+555	-22	+40
80%	+1275	+1462	+1614	+2312	+1183	+142	+198	+822	-819	+487	-27	+39	-221	+326	-37	-35
90%	+930	+1053	+1250	+1831	+823	+31	+59	+562	-991	+282	-190	-14	-367	+9	-57	-138
95%	+645	+715	+950	+1434	+526	-60	-56	+348	-1133	+113	-325	-58	-487	-253	-74	-224
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	130	105	45	33	49	234	257	287	186	186	174	155	53	39	56	81
Number of rams	69695	56347	24187	20163	33130	86845	90244	93835	77625	77625	65334	74534	25585	21815	34210	38299

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE November 2021

SIL GE# 38710

Rams born in **2020**

Threshold to be in top X%	NZGE Dual Purpose - estimated Breeding Values (gBV)															
	NLB	SUR	SURm	WWT	CWT	LWg ¹	WWTm	EWT	FATY	LEANY ¹	SHLY	LNLy	HQLY	CWY	EMAc ¹	FW12
5%	+0.34	+0.060	+0.034	+5.23	+2.89	+9.13	+2.84	-1.03	-0.723	+0.609	+0.289	+0.087	+0.281	+1.387	+1.307	+0.519
10%	+0.30	+0.052	+0.029	+4.72	+2.61	+8.26	+2.52	-0.07	-0.569	+0.487	+0.233	+0.071	+0.227	+1.193	+1.037	+0.452
20%	+0.24	+0.043	+0.023	+4.10	+2.28	+7.20	+2.14	+1.10	-0.382	+0.338	+0.165	+0.053	+0.161	+0.958	+0.710	+0.370
30%	+0.21	+0.037	+0.019	+3.65	+2.04	+6.44	+1.87	+1.95	-0.247	+0.231	+0.115	+0.039	+0.114	+0.788	+0.474	+0.310
50%	+0.15	+0.027	+0.012	+2.91	+1.64	+5.18	+1.41	+3.34	-0.024	+0.054	+0.034	+0.017	+0.036	+0.508	+0.084	+0.213
70%	+0.09	+0.016	+0.006	+2.16	+1.24	+3.92	+0.96	+4.73	+0.199	-0.123	-0.047	-0.006	-0.042	+0.228	-0.306	+0.115
80%	+0.05	+0.010	+0.002	+1.71	+1.00	+3.16	+0.69	+5.57	+0.334	-0.230	-0.096	-0.019	-0.089	+0.058	-0.542	+0.056
90%	-0.00	+0.001	-0.004	+1.09	+0.67	+2.10	+0.31	+6.74	+0.521	-0.379	-0.164	-0.038	-0.154	-0.177	-0.869	-0.026
95%	-0.04	-0.007	-0.009	+0.58	+0.39	+1.23	-0.01	+7.70	+0.676	-0.501	-0.220	-0.053	-0.208	-0.371	-1.139	-0.094
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	234	257	257	287	287	287	287	186	174	174	174	174	174	174	174	155
Number of rams	86845	90244	90244	93835	93835	93835	93835	77625	65334	65334	65334	65334	65334	65334	65334	74534

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE November 2021

SIL GE# 38710

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%	-38.2	-41.0	-58.2	+50.79	+0.83	-0.68	-0.69	-1.09	+0.29
10%	-29.9	-31.9	-48.6	+44.46	+0.62	-0.54	-0.54	-0.95	+0.25
20%	-19.8	-20.8	-37.0	+36.80	+0.37	-0.37	-0.36	-0.79	+0.19
30%	-12.5	-12.9	-28.6	+31.27	+0.19	-0.24	-0.24	-0.67	+0.15
50%	-0.5	+0.3	-14.7	+22.13	-0.11	-0.03	-0.03	-0.48	+0.09
70%	+11.5	+13.5	-0.8	+12.99	-0.41	+0.17	+0.19	-0.28	+0.02
80%	+18.8	+21.5	+7.6	+7.46	-0.59	+0.30	+0.31	-0.17	-0.02
90%	+28.9	+32.5	+19.3	-0.20	-0.84	+0.47	+0.49	-0.00	-0.07
95%	+37.2	+41.7	+28.9	-6.53	-1.04	+0.62	+0.64	+0.13	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	62	62	39	83
Number of rams	25692	25692	25692	911	911	36816	36816	21815	39205

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

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