

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

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NZGE September 2021

SIL GE# 38620

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%	+2158	+232	+1183	+844	+0.038	+6.06	+3.37	+10.66	-1.117	+0.860	+0.387	+0.104	+0.379	+2.115	+1.672
10%	+1967	+200	+1074	+759	+0.033	+5.51	+3.05	+9.65	-0.977	+0.750	+0.336	+0.089	+0.328	+1.922	+1.430
20%	+1736	+163	+941	+656	+0.027	+4.84	+2.67	+8.44	-0.807	+0.617	+0.274	+0.072	+0.266	+1.689	+1.138
30%	+1570	+135	+845	+582	+0.022	+4.35	+2.39	+7.56	-0.685	+0.521	+0.230	+0.059	+0.221	+1.521	+0.928
50%	+1294	+90	+687	+459	+0.015	+3.55	+1.94	+6.11	-0.483	+0.362	+0.156	+0.039	+0.147	+1.243	+0.579
70%	+1019	+45	+529	+336	+0.007	+2.74	+1.48	+4.66	-0.280	+0.203	+0.082	+0.018	+0.073	+0.966	+0.231
80%	+853	+18	+433	+262	+0.003	+2.26	+1.20	+3.79	-0.158	+0.107	+0.037	+0.005	+0.028	+0.798	+0.020
90%	+622	-20	+300	+159	-0.003	+1.59	+0.82	+2.57	+0.012	-0.026	-0.025	-0.012	-0.034	+0.565	-0.272
95%	+431	-51	+190	+74	-0.008	+1.03	+0.50	+1.57	+0.152	-0.136	-0.076	-0.027	-0.085	+0.372	-0.513
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	112	142	180	128	142	180	180	180	128	128	128	128	128	128	128
Number of rams	19415	21502	24984	20875	21502	24984	24984	24984	20875	20875	20875	20875	20875	20875	20875

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

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NZGE September 2021

SIL GE # 38620

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%	+3282	+3845	+3693	+5256	+3298	+770	+976	+2322	+144	+1668	+889	+329	+596	+2160	+78	+546	
10%	+2992	+3504	+3395	+4845	+2997	+680	+863	+2104	+3	+1500	+756	+288	+478	+1904	+62	+462	
20%	+2641	+3091	+3035	+4347	+2634	+571	+727	+1839	-168	+1297	+596	+238	+334	+1594	+42	+360	
30%	+2388	+2793	+2775	+3988	+2371	+493	+629	+1649	-292	+1150	+480	+203	+231	+1371	+27	+287	
40%	+2172	+2538	+2552	+3681	+2147	+426	+545	+1486	-397	+1025	+381	+172	+143	+1180	+15	+224	
50%	+1970	+2300	+2345	+3394	+1938	+363	+467	+1334	-495	+908	+289	+143	+60	+1002	+3	+166	
60%	+1768	+2062	+2137	+3108	+1729	+301	+389	+1182	-594	+791	+196	+114	-22	+823	-8	+107	
70%	+1552	+1807	+1915	+2801	+1505	+234	+305	+1019	-699	+666	+97	+84	-111	+632	-20	+44	
80%	+1299	+1509	+1655	+2442	+1242	+155	+207	+828	-823	+520	-19	+48	-214	+409	-35	-29	
90%	+948	+1096	+1294	+1944	+879	+46	+71	+564	-993	+317	-179	-2	-357	+99	-55	-131	
95%	+658	+755	+996	+1533	+579	-43	-42	+346	-1135	+149	-312	-43	-476	-157	-71	-215	
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	123	101	45	28	43	225	257	287	179	179	173	146	53	34	49	80	
Number of rams	64675	53223	24111	16040	28279	83192	89136	92726	75171	75171	65104	70079	25505	19050	29357	38129	

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE September 2021

SIL GE# 38620

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%	+0.34	+0.058	+0.034	+5.29	+2.92	+9.21	+2.88	-0.98	-0.712	+0.598	+0.283	+0.086	+0.277	+1.373	+1.424	+0.503
10%	+0.30	+0.051	+0.029	+4.77	+2.64	+8.33	+2.56	-0.02	-0.559	+0.478	+0.228	+0.071	+0.224	+1.183	+1.132	+0.440
20%	+0.25	+0.043	+0.024	+4.14	+2.31	+7.26	+2.17	+1.15	-0.374	+0.333	+0.162	+0.053	+0.160	+0.953	+0.778	+0.363
30%	+0.21	+0.037	+0.020	+3.69	+2.06	+6.49	+1.89	+1.98	-0.241	+0.228	+0.114	+0.039	+0.114	+0.787	+0.523	+0.307
50%	+0.15	+0.027	+0.013	+2.94	+1.66	+5.22	+1.43	+3.37	-0.020	+0.055	+0.035	+0.017	+0.038	+0.513	+0.101	+0.216
70%	+0.09	+0.016	+0.006	+2.19	+1.26	+3.95	+0.97	+4.76	+0.201	-0.118	-0.044	-0.005	-0.039	+0.238	-0.321	+0.124
80%	+0.06	+0.010	+0.002	+1.73	+1.01	+3.18	+0.69	+5.60	+0.335	-0.223	-0.092	-0.018	-0.085	+0.073	-0.576	+0.069
90%	+0.01	+0.002	-0.004	+1.11	+0.67	+2.12	+0.30	+6.76	+0.520	-0.368	-0.158	-0.037	-0.149	-0.157	-0.930	-0.008
95%	-0.04	-0.005	-0.009	+0.59	+0.40	+1.23	-0.02	+7.72	+0.673	-0.488	-0.213	-0.052	-0.202	-0.347	-1.222	-0.072
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	225	257	257	287	287	287	287	179	173	173	173	173	173	173	173	146
Number of rams	83192	89136	89136	92726	92726	92726	92726	75171	65104	65104	65104	65104	65104	65104	65104	70079

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE September 2021

SIL GE# 38620

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%	-37.8	-40.2	-57.3	+50.26	+0.80	-0.69	-0.69	-1.11	+0.29
10%	-29.5	-31.3	-48.0	+44.14	+0.60	-0.54	-0.55	-0.98	+0.24
20%	-19.5	-20.4	-36.7	+36.72	+0.35	-0.37	-0.38	-0.82	+0.19
30%	-12.3	-12.6	-28.6	+31.37	+0.18	-0.24	-0.25	-0.70	+0.15
50%	-0.4	+0.4	-15.2	+22.53	-0.12	-0.03	-0.05	-0.51	+0.09
70%	+11.5	+13.3	-1.8	+13.69	-0.41	+0.17	+0.16	-0.32	+0.03
80%	+18.7	+21.1	+6.3	+8.35	-0.59	+0.30	+0.28	-0.21	-0.01
90%	+28.7	+32.0	+17.6	+0.93	-0.84	+0.48	+0.45	-0.05	-0.07
95%	+36.9	+40.9	+26.9	-5.19	-1.04	+0.62	+0.59	+0.08	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	54	54	54	3	3	55	55	34	82
Number of rams	25612	25612	25612	911	911	31965	31965	19050	39040

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

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