

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

NZGE June 2022

SIL GE# 39485

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	LNLV	HQLY	CWY	EMAc ¹
5%	+2022	+195	+1142	+779	+0.032	+5.89	+3.24	+10.30	-1.003	+0.749	+0.333	+0.099	+0.337	+2.009	+1.734
10%	+1830	+166	+1028	+696	+0.027	+5.31	+2.92	+9.26	-0.872	+0.647	+0.287	+0.084	+0.289	+1.815	+1.481
20%	+1597	+131	+891	+596	+0.022	+4.61	+2.52	+7.99	-0.713	+0.524	+0.230	+0.067	+0.231	+1.580	+1.175
30%	+1428	+106	+792	+523	+0.017	+4.11	+2.24	+7.08	-0.598	+0.436	+0.190	+0.054	+0.189	+1.410	+0.954
50%	+1151	+64	+629	+404	+0.011	+3.28	+1.77	+5.57	-0.408	+0.289	+0.123	+0.033	+0.119	+1.130	+0.590
70%	+873	+22	+465	+285	+0.004	+2.44	+1.29	+4.07	-0.218	+0.142	+0.056	+0.012	+0.050	+0.850	+0.225
80%	+705	-3	+367	+212	-0.001	+1.94	+1.01	+3.15	-0.104	+0.054	+0.015	-0.000	+0.008	+0.680	+0.004
90%	+472	-38	+229	+112	-0.006	+1.24	+0.61	+1.89	+0.055	-0.069	-0.041	-0.018	-0.051	+0.445	-0.302
95%	+279	-67	+116	+30	-0.011	+0.66	+0.29	+0.85	+0.187	-0.171	-0.088	-0.033	-0.099	+0.251	-0.555
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	111	143	187	128	143	187	187	187	128	128	128	128	128	128	128
Number of rams	21448	24244	29028	23561	24244	29028	29028	29028	23561	23561	23561	23561	23561	23561	23561

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 June 2022

SIL GE # 39485

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%	+3000	+3469	+3215	+4726	+3003	+756	+843	+2227	+200	+1643	+841	+350	+534	+2054	+80	+558
10%	+2748	+3169	+2963	+4367	+2744	+665	+741	+2013	+57	+1472	+714	+305	+416	+1808	+62	+470
20%	+2443	+2806	+2658	+3932	+2429	+555	+618	+1753	-115	+1265	+559	+251	+273	+1511	+41	+364
30%	+2223	+2544	+2439	+3618	+2202	+476	+529	+1566	-240	+1116	+448	+211	+169	+1297	+25	+287
40%	+2035	+2320	+2251	+3350	+2008	+408	+453	+1406	-346	+989	+353	+178	+81	+1113	+12	+221
50%	+1859	+2111	+2076	+3099	+1827	+345	+382	+1256	-445	+870	+264	+146	-2	+942	-1	+160
60%	+1684	+1902	+1900	+2849	+1646	+281	+311	+1107	-545	+751	+175	+115	-84	+771	-13	+99
70%	+1496	+1679	+1712	+2581	+1452	+214	+235	+947	-651	+624	+80	+81	-172	+588	-27	+33
80%	+1276	+1417	+1493	+2267	+1226	+134	+146	+760	-775	+475	-31	+42	-276	+373	-42	-44
90%	+970	+1054	+1188	+1832	+911	+24	+23	+500	-948	+268	-186	-13	-419	+76	-64	-150
95%	+718	+754	+936	+1473	+651	-66	-79	+286	-1091	+97	-313	-58	-537	-170	-82	-238
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	87	49	30	48	226	255	284	177	177	158	137	64	39	67	84
Number of rams	64112	48616	27332	17244	36557	86354	92555	97380	77402	77402	61644	69827	30637	21423	42593	39006

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

NZGE June 2022

SIL GE# 39485

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%	+0.33	+0.046	+0.034	+5.11	+2.81	+8.86	+2.80	-1.36	-0.648	+0.519	+0.248	+0.088	+0.254	+1.339	+1.266	+0.531
10%	+0.29	+0.040	+0.029	+4.59	+2.54	+7.99	+2.48	-0.39	-0.509	+0.416	+0.201	+0.072	+0.206	+1.145	+1.003	+0.462
20%	+0.24	+0.034	+0.023	+3.97	+2.20	+6.93	+2.09	+0.78	-0.342	+0.292	+0.143	+0.054	+0.148	+0.910	+0.685	+0.378
30%	+0.20	+0.029	+0.018	+3.52	+1.96	+6.16	+1.81	+1.63	-0.221	+0.202	+0.102	+0.040	+0.106	+0.741	+0.455	+0.318
50%	+0.14	+0.021	+0.011	+2.78	+1.56	+4.90	+1.35	+3.03	-0.021	+0.053	+0.033	+0.018	+0.037	+0.461	+0.076	+0.218
70%	+0.08	+0.013	+0.004	+2.04	+1.16	+3.64	+0.88	+4.43	+0.179	-0.095	-0.035	-0.005	-0.032	+0.181	-0.304	+0.119
80%	+0.05	+0.008	-0.000	+1.59	+0.92	+2.88	+0.60	+5.28	+0.300	-0.185	-0.077	-0.018	-0.074	+0.012	-0.533	+0.058
90%	-0.00	+0.002	-0.007	+0.97	+0.58	+1.82	+0.22	+6.45	+0.468	-0.310	-0.134	-0.037	-0.133	-0.223	-0.852	-0.025
95%	-0.04	-0.004	-0.012	+0.45	+0.31	+0.94	-0.10	+7.42	+0.606	-0.413	-0.182	-0.052	-0.181	-0.417	-1.114	-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	226	255	255	284	284	284	284	177	158	158	158	158	158	158	158	137
Number of rams	86354	92555	92555	97380	97380	97380	97380	77402	61644	61644	61644	61644	61644	61644	61644	69827

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NZGE gBVs - Health traits - Young Ram Percentile Bands

NZGE June 2022

SIL GE# 39485

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%	-33.3	-36.3	-53.1	+26.25	+1.33	-0.66	-0.76	-1.05	+0.29
10%	-25.3	-27.4	-43.3	+21.76	+1.10	-0.52	-0.59	-0.93	+0.24
20%	-15.6	-16.6	-31.5	+16.33	+0.81	-0.35	-0.38	-0.78	+0.19
30%	-8.6	-8.8	-23.0	+12.41	+0.61	-0.22	-0.24	-0.67	+0.15
50%	+3.0	+4.0	-8.9	+5.94	+0.27	-0.02	+0.00	-0.48	+0.08
70%	+14.6	+16.9	+5.2	-0.54	-0.07	+0.19	+0.25	-0.30	+0.02
80%	+21.6	+24.6	+13.7	-4.45	-0.27	+0.31	+0.39	-0.19	-0.02
90%	+31.3	+35.4	+25.5	-9.89	-0.55	+0.48	+0.60	-0.04	-0.08
95%	+39.3	+44.3	+35.3	-14.37	-0.79	+0.63	+0.76	+0.09	-0.12
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	65	65	65	4	4	75	75	39	86
Number of rams	30744	30744	30744	6599	6599	45888	45888	21423	39527

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

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