

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

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NZGE February 2020

SIL GE# 37284

Rams born in 2018

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%	+2119	+212	+1165	+828	+0.035	+5.97	+3.31	+10.61	-1.059	+0.774	+0.334	+0.122	+0.359	+2.141	+1.734
10%	+1941	+182	+1058	+746	+0.030	+5.43	+3.01	+9.62	-0.930	+0.675	+0.288	+0.107	+0.310	+1.945	+1.500
20%	+1725	+147	+930	+647	+0.024	+4.78	+2.64	+8.42	-0.774	+0.555	+0.233	+0.088	+0.251	+1.708	+1.218
30%	+1570	+122	+837	+575	+0.020	+4.30	+2.37	+7.55	-0.661	+0.468	+0.193	+0.074	+0.208	+1.536	+1.014
50%	+1312	+79	+683	+457	+0.013	+3.52	+1.93	+6.13	-0.475	+0.325	+0.127	+0.052	+0.137	+1.253	+0.677
70%	+1055	+37	+530	+339	+0.006	+2.74	+1.49	+4.70	-0.289	+0.182	+0.061	+0.029	+0.067	+0.970	+0.340
80%	+900	+12	+437	+267	+0.002	+2.26	+1.22	+3.83	-0.176	+0.096	+0.021	+0.016	0.000	0.000	+0.136
90%	+684	-23	+308	+168	-0.004	+1.61	+0.85	+2.63	-0.020	-0.024	-0.034	-0.003	-0.036	+0.561	-0.146
95%	+506	-53	+201	+86	-0.009	+1.07	+0.54	+1.64	+0.109	-0.123	-0.079	-0.018	-0.085	+0.365	-0.380
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	84	127	159	95	127	159	159	159	95	95	95	95	95	95	95
Number of rams	17789	22475	25545	18925	22475	25545	25545	25545	18925	18925	18925	18925	18925	18925	18925

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 February 2020

SIL GE # 37284

Rams born in 2018

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%	+3023	+3593	+3197	+5073	+3155	+737	+798	+2251	+147	+1613	+827	+386	+665	+2382	+93	+515
10%	+2761	+3281	+2947	+4668	+2851	+648	+702	+2041	+8	+1448	+709	+339	+522	+2097	+76	+436
20%	+2445	+2903	+2644	+4177	+2482	+539	+587	+1788	-161	+1248	+566	+283	+348	+1752	+55	+340
30%	+2216	+2630	+2426	+3823	+2217	+460	+503	+1606	-282	+1104	+463	+242	+223	+1503	+40	+272
40%	+2021	+2397	+2239	+3521	+1990	+393	+432	+1449	-386	+981	+375	+207	+116	+1290	+28	+213
50%	+1839	+2179	+2064	+3238	+1777	+331	+366	+1304	-483	+866	+293	+175	+16	+1091	+16	+158
60%	+1656	+1961	+1890	+2956	+1565	+268	+299	+1158	-580	+750	+211	+142	-84	+892	+4	+103
70%	+1461	+1728	+1703	+2653	+1338	+201	+228	+1002	-684	+627	+123	+107	-191	+679	-9	+44
80%	+1233	+1455	+1485	+2299	+1073	+123	+145	+819	-806	+483	+20	+66	-316	+430	-24	-24
90%	+916	+1077	+1182	+1809	+704	+14	+29	+566	-975	+283	-123	+10	-490	+85	-45	-120
95%	+654	+764	+931	+1404	+400	-76	-66	+356	-1114	+118	-241	-37	-633	-200	-62	-198
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	118	88	34	23	22	203	231	252	154	154	138	146	38	25	29	55
Number of rams	68993	48989	20061	13523	11892	90139	93281	96896	79563	79563	57204	76437	21519	14365	13254	37712

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NZGE gBVs - Dual Purpose - Young Ram Percentile Bands

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NZGE February 2020

SIL GE# 37284

Rams born in

2018

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	+5.19	+2.88	+9.23	+2.68	-1.00	-0.623	+0.484	+0.221	+0.098	+0.252	+1.306	+1.249	+0.661
10%	+0.28	+0.040	+0.027	+4.69	+2.61	+8.35	+2.36	-0.06	-0.501	+0.393	+0.180	+0.081	+0.205	+1.129	+1.004	+0.582
20%	+0.23	+0.033	+0.021	+4.09	+2.28	+7.29	+1.98	+1.09	-0.353	+0.283	+0.131	+0.061	+0.149	+0.915	+0.708	+0.485
30%	+0.20	+0.028	+0.017	+3.66	+2.04	+6.53	+1.70	+1.92	-0.246	+0.204	+0.096	+0.046	+0.109	+0.761	+0.494	+0.416
50%	+0.14	+0.021	+0.010	+2.95	+1.65	+5.27	+1.24	+3.29	-0.069	+0.073	+0.038	+0.022	+0.042	+0.506	+0.140	+0.301
70%	+0.08	+0.013	+0.003	+2.24	+1.26	+4.00	+0.79	+4.66	+0.108	-0.058	-0.021	-0.002	-0.025	+0.250	-0.213	+0.186
80%	+0.04	+0.008	-0.001	+1.80	+1.02	+3.24	+0.51	+5.48	+0.215	-0.137	-0.056	-0.016	-0.065	+0.096	-0.427	+0.117
90%	-0.01	+0.002	-0.007	+1.21	+0.69	+2.18	+0.12	+6.63	+0.363	-0.247	-0.105	-0.036	-0.121	-0.118	-0.724	+0.020
95%	-0.05	-0.004	-0.012	+0.71	+0.42	+1.30	-0.19	+7.58	+0.486	-0.338	-0.145	-0.053	-0.167	-0.295	-0.968	-0.059
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	203	231	231	252	252	252	252	154	138	138	138	138	138	138	138	146
Number of rams	90139	93281	93281	96896	96896	96896	96896	79563	57204	57204	57204	57204	57204	57204	57204	76437

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE February 2020

SIL GE# 37284

Rams born in

2018

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%	-39.6	-54.0	-61.4	+56.32	+1.09	-0.75	-0.82	-1.22	+0.28
10%	-30.5	-40.9	-50.7	+49.01	+0.88	-0.62	-0.67	-1.08	+0.24
20%	-19.6	-25.0	-37.8	+40.15	+0.61	-0.46	-0.49	-0.90	+0.19
30%	-11.6	-13.6	-28.4	+33.77	+0.42	-0.34	-0.36	-0.77	+0.15
50%	+1.4	+5.3	-13.0	+23.21	+0.11	-0.14	-0.14	-0.56	+0.09
70%	+14.5	+24.3	+2.4	+12.66	-0.21	+0.05	+0.08	-0.35	+0.03
80%	+22.4	+35.7	+11.7	+6.27	-0.40	+0.17	+0.22	-0.22	-0.01
90%	+33.3	+51.6	+24.7	-2.58	-0.66	+0.34	+0.40	-0.04	-0.06
95%	+42.4	+64.7	+35.4	-9.90	-0.88	+0.47	+0.55	+0.10	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	38	38	38	4	4	35	35	25	58
Number of rams	21519	21519	21519	1427	1427	16117	16117	14365	39120

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

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