

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

NZGE December 2022

SIL GE# 39930

Young Rams

2021

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%	+2502	+266	+1457	+874	+0.032	+6.12	+3.39	+10.70	-1.028	+0.745	+0.327	+0.099	+0.335	+2.083	+1.746
10%	+2268	+228	+1314	+782	+0.027	+5.52	+3.05	+9.63	-0.893	+0.646	+0.282	+0.085	+0.288	+1.884	+1.496
20%	+1984	+183	+1140	+672	+0.022	+4.79	+2.64	+8.33	-0.730	+0.525	+0.228	+0.068	+0.231	+1.643	+1.193
30%	+1779	+151	+1014	+592	+0.018	+4.27	+2.34	+7.40	-0.612	+0.439	+0.188	+0.055	+0.190	+1.469	+0.975
50%	+1441	+97	+807	+460	+0.012	+3.41	+1.86	+5.86	-0.417	+0.295	+0.123	+0.034	+0.122	+1.181	+0.613
70%	+1102	+43	+600	+328	+0.005	+2.54	+1.37	+4.31	-0.222	+0.151	+0.058	+0.014	+0.054	+0.893	+0.252
80%	+897	+10	+475	+248	+0.001	+2.02	+1.07	+3.38	-0.104	+0.064	+0.019	+0.001	+0.013	+0.719	+0.034
90%	+613	-35	+301	+137	-0.004	+1.29	+0.67	+2.09	+0.059	-0.056	-0.035	-0.016	-0.044	+0.478	-0.269
95%	+379	-72	+157	+46	-0.009	+0.70	+0.33	+1.02	+0.194	-0.156	-0.080	-0.031	-0.091	+0.279	-0.519
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	104	136	170	116	136	170	170	170	116	116	116	116	116	116	116
Number of sires	20752	24706	28530	22716	24706	28530	28530	28530	22716	22716	22716	22716	22716	22716	22716

¹ These 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 Rams Percentile Bands

NZGE December 2022

SIL GE # 39930

Young Rams

2021

Threshold to be in top X%	NZGE Dual Purpose Indexes						NZGE Dual Purpose Sub-indexes										
	NZMW	MW+W	MW +M	MW +F	MW +X	MW +D	DPCR	DPS	DPG	DPA	DPG+ DPA	DPM	DPW	DPF	DPX	DPD	DPBC
5%	+3207	+3326	+3684	+3494	+5239	+3207	+827	+1140	+2449	+198	+1761	+882	+196	+747	+2534	+90	+956
10%	+2924	+3055	+3374	+3187	+4825	+2923	+730	+1006	+2209	+44	+1572	+751	+170	+591	+2228	+70	+809
20%	+2582	+2725	+2998	+2816	+4324	+2579	+611	+843	+1919	-142	+1344	+593	+138	+401	+1856	+47	+631
30%	+2336	+2488	+2726	+2548	+3963	+2331	+526	+726	+1709	-276	+1179	+479	+116	+265	+1589	+30	+502
40%	+2125	+2285	+2495	+2319	+3654	+2120	+453	+626	+1530	-390	+1038	+381	+97	+148	+1360	+15	+392
50%	+1928	+2096	+2278	+2105	+3366	+1922	+385	+532	+1363	-498	+907	+290	+78	+39	+1147	+1	+289
60%	+1731	+1906	+2062	+1891	+3077	+1724	+317	+439	+1196	-605	+775	+198	+60	-70	+933	-12	+187
70%	+1520	+1703	+1830	+1662	+2768	+1512	+244	+338	+1017	-719	+634	+101	+41	-187	+704	-27	+77
80%	+1273	+1466	+1559	+1394	+2407	+1264	+159	+221	+808	-853	+470	-14	+19	-324	+437	-44	-52
90%	+931	+1137	+1182	+1022	+1906	+920	+41	+59	+518	-1039	+241	-172	-13	-513	+66	-68	-230
95%	+649	+865	+872	+715	+1492	+636	-57	-76	+278	-1193	+53	-303	-39	-670	-241	-87	-377
Traits in Index	Reproduction, Lamb Survival, Lamb Growth, Adult size	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool	Reproduction, Lamb Growth, Adult size, Meat Yield	Reproduction, Lamb Growth, Adult size, WormFEC	Reproduction, Lamb Growth, Adult size, Wool, Facial Eczema	Reproduction, Lamb Growth, Adult size, 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	146	116	106	61	32	67	213	236	259	163	159	147	142	66	37	74	72
Number of sires	77343	67661	55800	30423	19122	45233	93029	98267	102995	83327	82028	64169	75540	32003	21736	46984	40735

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NZGE Indexes - Dual Purpose - Young Rams Percentile Bands

NZGE December 2022

SIL GE # 39930

Young Rams

2021

Threshold to be in top X%	NZGE Dual Purpose MW+Wool Indexes									
	MW+W	MW+W+M	MW+W+F	MW+W+X	MW+W+BC	MW+W+D	MW+W+M+F	MW+W+M+X	MW+W+M+D	MW+W+M+F+X
5%	+3326	+3791	+3604	+5291	+3728	+3321	+3989	+5308	+3775	+5484
10%	+3055	+3483	+3314	+4911	+3424	+3040	+3665	+4939	+3465	+5078
20%	+2725	+3111	+2962	+4451	+3056	+2701	+3273	+4493	+3088	+4587
30%	+2488	+2842	+2708	+4119	+2790	+2456	+2991	+4171	+2817	+4233
40%	+2285	+2613	+2491	+3835	+2563	+2247	+2749	+3896	+2585	+3930
50%	+2096	+2398	+2288	+3570	+2351	+2051	+2523	+3638	+2368	+3647
60%	+1906	+2184	+2086	+3305	+2139	+1855	+2298	+3381	+2151	+3364
70%	+1703	+1955	+1869	+3021	+1912	+1646	+2056	+3106	+1920	+3061
80%	+1466	+1686	+1615	+2689	+1646	+1401	+1774	+2784	+1648	+2707
90%	+1137	+1314	+1263	+2229	+1277	+1062	+1382	+2337	+1272	+2216
95%	+865	+1006	+973	+1849	+973	+781	+1058	+1968	+961	+1810
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, Lamb Survival, Lamb Growth, Adult size, Wool, Body Condition	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Facial Eczema	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, Dag	Reproduction, Lamb Survival, Lamb Growth, Adult size, Wool, Meat, WormFEC, Facial eczema
Number of connected flocks	116	86	53	29	56	58	42	22	47	22
Number of sires	67661	50784	27741	18150	34576	41962	23941	15037	35361	15037

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NZGE gBVs - Dual Purpose - Young Rams Percentile Bands

NZGE December 2022

SIL GE# 39930

Young Rams

2021

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	+0.048	+0.033	+5.19	+2.83	+9.05	+2.73	-1.25	-0.668	+0.521	+0.244	+0.089	+0.254	+1.381	+1.294	+0.542
10%	+0.29	+0.042	+0.028	+4.66	+2.55	+8.14	+2.42	-0.28	-0.528	+0.419	+0.198	+0.074	+0.207	+1.186	+1.039	+0.470
20%	+0.24	+0.035	+0.023	+4.02	+2.21	+7.05	+2.04	+0.90	-0.358	+0.295	+0.141	+0.055	+0.149	+0.950	+0.731	+0.382
30%	+0.20	+0.030	+0.018	+3.56	+1.96	+6.26	+1.76	+1.75	-0.235	+0.206	+0.100	+0.042	+0.108	+0.779	+0.508	+0.319
50%	+0.14	+0.022	+0.011	+2.80	+1.55	+4.95	+1.31	+3.15	-0.033	+0.059	+0.033	+0.020	+0.039	+0.497	+0.141	+0.215
70%	+0.08	+0.014	+0.005	+2.04	+1.14	+3.65	+0.85	+4.55	+0.169	-0.089	-0.035	-0.003	-0.030	+0.215	-0.227	+0.111
80%	+0.05	+0.010	+0.000	+1.58	+0.90	+2.86	+0.58	+5.40	+0.292	-0.178	-0.076	-0.016	-0.071	+0.045	-0.449	+0.048
90%	-0.00	+0.003	-0.006	+0.94	+0.55	+1.76	+0.20	+6.58	+0.462	-0.301	-0.132	-0.035	-0.129	-0.192	-0.757	-0.039
95%	-0.04	-0.003	-0.010	+0.41	+0.27	+0.85	-0.12	+7.55	+0.602	-0.403	-0.179	-0.050	-0.176	-0.387	-1.012	-0.112
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	213	236	236	259	259	259	259	163	147	147	147	147	147	147	147	142
Number of sires	93029	98267	98267	102995	102995	102995	102995	83327	64169	64169	64169	64169	64169	64169	64169	75540

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NZGE gBVs- Health Traits - Young Rams Percentile Bands

NZGE December 2022

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Young Rams

2021

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%	-36.6	-38.4	-56.6	+28.12	+1.31	-0.69	-0.80	-1.14	+0.29
10%	-28.4	-29.6	-46.4	+23.61	+1.09	-0.54	-0.63	-1.00	+0.25
20%	-18.4	-18.9	-34.0	+18.15	+0.83	-0.35	-0.43	-0.83	+0.19
30%	-11.3	-11.2	-25.0	+14.22	+0.63	-0.22	-0.28	-0.71	+0.15
50%	+0.6	+1.6	-10.2	+7.71	+0.32	-0.01	-0.03	-0.51	+0.09
70%	+12.4	+14.4	+4.5	+1.21	+0.00	+0.21	+0.21	-0.32	+0.02
80%	+19.6	+22.1	+13.5	-2.73	-0.19	+0.34	+0.36	-0.20	-0.01
90%	+29.5	+32.8	+25.9	-8.18	-0.46	+0.52	+0.57	-0.03	-0.07
95%	+37.7	+41.7	+36.1	-12.69	-0.68	+0.67	+0.74	+0.11	-0.11
Units	%	%	%	days	kg	score	score		score
Number of connected flocks	67	67	67	5	5	83	83	37	74
Number of sires	32170	32170	32170	7168	7168	50266	50266	21736	41339

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

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