

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

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NZGE 2 February 2018

SIL GE# 35423

Rams born in 2015-2017

| 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 | EMAc ¹ |
| 5% | +1712 | +169 | +1116 | +525 | +0.028 | +5.63 | +3.21 | +9.84 | -1.444 | +1.193 | +0.405 | +0.333 | +0.467 | +2.425 |
| 10% | +1579 | +142 | +1014 | +471 | +0.023 | +5.12 | +2.91 | +8.93 | -1.292 | +1.061 | +0.359 | +0.296 | +0.416 | +2.156 |
| 20% | +1419 | +110 | +891 | +406 | +0.018 | +4.50 | +2.55 | +7.83 | -1.108 | +0.902 | +0.304 | +0.251 | +0.354 | +1.831 |
| 30% | +1304 | +86 | +802 | +359 | +0.014 | +4.05 | +2.29 | +7.03 | -0.975 | +0.787 | +0.264 | +0.219 | +0.309 | +1.596 |
| 50% | +1113 | +48 | +655 | +282 | +0.008 | +3.31 | +1.86 | +5.72 | -0.756 | +0.597 | +0.197 | +0.165 | +0.235 | +1.209 |
| 70% | +922 | +10 | +508 | +204 | +0.002 | +2.57 | +1.44 | +4.41 | -0.537 | +0.407 | +0.131 | +0.111 | +0.161 | +0.821 |
| 80% | +806 | -14 | +419 | +157 | -0.002 | +2.12 | +1.18 | +3.62 | -0.404 | +0.292 | +0.091 | +0.079 | 0.000 | +0.586 |
| 90% | +646 | -46 | +296 | +92 | -0.008 | +1.50 | +0.82 | +2.52 | -0.220 | +0.133 | +0.035 | +0.034 | +0.054 | +0.261 |
| 95% | +514 | -72 | +194 | +38 | -0.012 | +0.98 | +0.52 | +1.61 | -0.068 | +0.002 | -0.011 | -0.003 | +0.003 | -0.007 |
| 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 | sq. cm |
| Number of connected flocks | 57 | 109 | 146 | 65 | 109 | 146 | 146 | 146 | 65 | 65 | 65 | 65 | 65 | 65 |
| Number of rams | 12695 | 21456 | 24327 | 13078 | 21456 | 24327 | 24327 | 24327 | 13078 | 13078 | 13078 | 13078 | 13078 | 13078 |

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



WARNING!

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NZGE Indexes - Dual Purpose - Young Ram Percentile Bands

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NZGE 2 February 2018

SIL GE # 35423

Rams born in 2015-2017

| 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% | +2680 | +2848 | +2895 | +4613 | +2841 | +738 | +632 | +2205 | +144 | +1453 | +361 | +375 | +539 | +2126 | +79 | +488 |
| 10% | +2449 | +2594 | +2650 | +4220 | +2582 | +644 | +548 | +1999 | +5 | +1301 | +297 | +329 | +438 | +1843 | +64 | +415 |
| 20% | +2170 | +2287 | +2353 | +3743 | +2268 | +530 | +446 | +1749 | -162 | +1117 | +219 | +273 | +315 | +1501 | +46 | +327 |
| 30% | +1968 | +2065 | +2140 | +3400 | +2042 | +448 | +373 | +1568 | -283 | +984 | +163 | +233 | +227 | +1254 | +32 | +264 |
| 40% | +1796 | +1876 | +1957 | +3107 | +1849 | +378 | +310 | +1414 | -386 | +871 | +114 | +198 | +151 | +1043 | +21 | +210 |
| 50% | +1635 | +1699 | +1786 | +2833 | +1668 | +313 | +252 | +1270 | -482 | +765 | +69 | +166 | +81 | +846 | +11 | +159 |
| 60% | +1474 | +1522 | +1616 | +2559 | +1487 | +248 | +193 | +1126 | -578 | +659 | +25 | +134 | +10 | +649 | +0 | +109 |
| 70% | +1302 | +1332 | +1433 | +2265 | +1294 | +178 | +131 | +972 | -682 | +546 | -24 | +99 | -66 | +438 | -11 | +54 |
| 80% | +1100 | +1111 | +1219 | +1922 | +1067 | +96 | +57 | +792 | -802 | +414 | -80 | +59 | -154 | +191 | -24 | -9 |
| 90% | +820 | +803 | +923 | +1446 | +753 | -18 | -44 | +542 | -970 | +230 | -158 | +3 | -277 | -152 | -43 | -97 |
| 95% | +589 | +550 | +678 | +1053 | +494 | -112 | -128 | +336 | -1108 | +78 | -222 | -44 | -378 | -435 | -58 | -170 |
| 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 | 124 | 81 | 32 | 25 | 25 | 216 | 220 | 251 | 147 | 251 | 127 | 139 | 35 | 33 | 34 | 49 |
| Number of rams | 69695 | 44915 | 15688 | 14864 | 16922 | 94106 | 92058 | 100401 | 78660 | 100401 | 54465 | 73697 | 17035 | 17345 | 19472 | 30675 |

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NZGE gBV's - Dual Purpose - Young Ram Percentile Bands

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NZGE 2 February 2018

SIL GE# 35423

Rams born in 2015-2017

| 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 | EMAc ¹ | FW12 |
| 5% | +0.32 | +0.036 | +0.027 | +5.07 | +2.91 | +8.91 | +2.41 | -0.98 | -0.887 | +0.632 | +0.216 | +0.169 | +0.253 | +1.468 | +0.643 |
| 10% | +0.28 | +0.031 | +0.023 | +4.58 | +2.64 | +8.07 | +2.10 | -0.04 | -0.751 | +0.520 | +0.178 | +0.137 | +0.209 | +1.190 | +0.564 |
| 20% | +0.23 | +0.025 | +0.018 | +3.98 | +2.30 | +7.05 | +1.74 | +1.10 | -0.585 | +0.384 | +0.132 | +0.099 | +0.155 | +0.854 | +0.469 |
| 30% | +0.19 | +0.021 | +0.014 | +3.56 | +2.06 | +6.32 | +1.48 | +1.92 | -0.466 | +0.286 | +0.099 | +0.072 | +0.117 | +0.611 | +0.400 |
| 50% | +0.13 | +0.014 | +0.007 | +2.85 | +1.66 | +5.10 | +1.04 | +3.28 | -0.268 | +0.125 | +0.045 | +0.027 | +0.054 | +0.210 | +0.287 |
| 70% | +0.07 | +0.007 | +0.001 | +2.14 | +1.27 | +3.88 | +0.61 | +4.64 | -0.071 | -0.037 | -0.010 | -0.019 | -0.010 | -0.192 | +0.173 |
| 80% | +0.03 | +0.002 | -0.003 | +1.71 | +1.03 | +3.15 | +0.34 | +5.46 | +0.048 | -0.134 | -0.043 | -0.046 | -0.048 | -0.435 | +0.104 |
| 90% | -0.02 | -0.004 | -0.008 | +1.11 | +0.69 | +2.13 | -0.02 | +6.60 | +0.214 | -0.270 | -0.088 | -0.084 | -0.102 | -0.771 | +0.009 |
| 95% | -0.06 | -0.009 | -0.013 | +0.62 | +0.42 | +1.29 | -0.32 | +7.54 | +0.351 | -0.382 | -0.126 | -0.116 | -0.146 | -1.049 | -0.070 |
| Units | x100 =% | x100 =% | x100 =% | kg | kg | kg | kg | kg | kg fat | kg lean | kg lean | kg lean | kg lean | sq. cm | kg |
| Number of connected flocks | 216 | 220 | 220 | 251 | 251 | 251 | 251 | 147 | 127 | 127 | 127 | 127 | 127 | 127 | 139 |
| Number of rams | 94106 | 92058 | 92058 | 100401 | 100401 | 100401 | 100401 | 78660 | 54465 | 54465 | 54465 | 54465 | 54465 | 54465 | 73697 |

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NZGE gBVs - Health traits - Young Ram Percentile Bands

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NZGE 2 February 2018

SIL GE# 35423

Rams born in 2015-2017

| 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% | -33.7 | -35.9 | -52.0 | +42.43 | +1.13 | -0.70 | -0.60 | -1.09 | +0.25 |
| 10% | -26.6 | -28.2 | -44.3 | +38.13 | +0.93 | -0.57 | -0.49 | -0.95 | +0.21 |
| 20% | -17.9 | -19.0 | -34.9 | +32.92 | +0.69 | -0.40 | -0.35 | -0.77 | +0.17 |
| 30% | -11.7 | -12.3 | -28.2 | +29.17 | +0.51 | -0.29 | -0.25 | -0.64 | +0.14 |
| 50% | -1.5 | -1.2 | -17.0 | +22.96 | +0.23 | -0.09 | -0.08 | -0.43 | +0.08 |
| 70% | +8.8 | +9.9 | -5.8 | +16.75 | -0.06 | +0.11 | +0.09 | -0.22 | +0.03 |
| 80% | +15.0 | +16.5 | +0.9 | +12.99 | -0.23 | +0.22 | +0.19 | -0.10 | -0.00 |
| 90% | +23.6 | +25.8 | +10.3 | +7.78 | -0.47 | +0.39 | +0.33 | +0.08 | -0.05 |
| 95% | +30.8 | +33.5 | +18.0 | +3.48 | -0.67 | +0.52 | +0.45 | +0.22 | -0.09 |
| Units | % | % | % | days | kg | score | score | | score |
| Number of connected flocks | 35 | 35 | 35 | 5 | 5 | 37 | 37 | 33 | 50 |
| Number of rams | 17035 | 17035 | 17035 | 1449 | 1449 | 20644 | 20644 | 17345 | 30675 |

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

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