

## NZGE Research Terminal Evaluation - Sire Percentile Bands

NZGE March 2024

SIL GE# 41465

Sires with progeny born in

2021-2023

| Threshold to be in top X%  | NZTW                                   | NZGE Terminal Sire Sub-indexes |              |             | NZGE Terminal Sire - estimated Breeding Values (gBV) |              |              |                  |               |                    |               |               |               |               |                   |               | IMFGBV |
|----------------------------|--|--------------------------------|--------------|-------------|--|--------------|--------------|------------------|---------------|--------------------|---------------|---------------|---------------|---------------|-------------------|---------------|--------|
|                            |  | TSS                            | TSG          | TSM         | SUR  | WWT          | CWT          | LW8 <sup>1</sup> | FATY          | LEANY <sup>1</sup> | SHLY          | LNLY          | HQLY          | CWY           | EMAc <sup>1</sup> |               |        |
| 5%                         | +2469                                  | +302                           | +1547        | +861        | +0.036   | +6.60        | +3.58        | +11.41           | -1.028        | +0.642             | +0.290        | +0.132        | +0.337        | +2.163        | +2.032            | +0.669        |        |
| 10%                        | +2238                                  | +248                           | +1395        | +767        | +0.030   | +5.95        | +3.23        | +10.28           | -0.874        | +0.534             | +0.239        | +0.112        | +0.279        | +1.955        | +1.721            | +0.535        |        |
| 20%                        | <b>+1959</b>                           | <b>+183</b>                    | <b>+1212</b> | <b>+652</b> | <b>+0.022</b>  | <b>+5.15</b> | <b>+2.80</b> | <b>+8.92</b>     | <b>-0.688</b> | <b>+0.403</b>      | <b>+0.178</b> | <b>+0.088</b> | <b>+0.209</b> | <b>+1.704</b> | <b>+1.345</b>     | <b>+0.373</b> |        |
| 30%                        | +1758                                  | +137                           | +1079        | +570        | +0.016   | +4.58        | +2.49        | +7.94            | -0.553        | +0.309             | +0.134        | +0.071        | +0.159        | +1.523        | +1.073            | +0.256        |        |
| 50%                        | <b>+1426</b>                           | <b>+59</b>                     | <b>+860</b>  | <b>+434</b> | <b>+0.007</b>  | <b>+3.63</b> | <b>+1.98</b> | <b>+6.32</b>     | <b>-0.331</b> | <b>+0.153</b>      | <b>+0.061</b> | <b>+0.042</b> | <b>+0.076</b> | <b>+1.223</b> | <b>+0.624</b>     | <b>+0.063</b> |        |
| 70%                        | +1093                                  | -18                            | +640         | +297        | -0.002   | +2.68        | +1.47        | +4.69            | -0.109        | -0.003             | -0.012        | +0.013        | -0.008        | +0.923        | +0.175            | -0.130        |        |
| 80%                        | +892                                   | -65                            | +508         | +215        | -0.008   | +2.11        | +1.16        | +3.71            | +0.025        | -0.098             | -0.056        | -0.004        | -0.058        | +0.742        | -0.096            | -0.247        |        |
| 90%                        | +613                                   | -129                           | +324         | +100        | -0.015   | +1.32        | +0.73        | +2.35            | +0.211        | -0.228             | -0.117        | -0.028        | -0.128        | +0.491        | -0.473            | -0.409        |        |
| 95%                        | +383                                   | -183                           | +172         | +6          | -0.022   | +0.66        | +0.37        | +1.22            | +0.365        | -0.336             | -0.167        | -0.048        | -0.186        | +0.283        | -0.784            | -0.542        |        |
| 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 | 103                                    | 154                            | 196          | 116         | 154  | 196          | 196          | 196              | 116           | 116                | 116           | 116           | 116           | 116           | 116               | 5             |        |
| Number of sires            | 1944                                   | 2403                           | 2781         | 2105        | 2403   | 2781         | 2781         | 2781             | 2105          | 2105               | 2105          | 2105          | 2105          | 2105          | 2105              | 236           |        |

<sup>1</sup>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](http://www.sil.co.nz))  
 Definitions of SIL BVs & indexes are given in documents on the SIL website



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## NZGE Research Terminal Evaluation - Young Ram Percentile Bands

NZGE March 2024

SIL GE# 41465

Young rams

2022

| Threshold to be in top X%  | NZTW                                   | NZGE Terminal Sire Sub-indexes |              |             | NZGE Terminal Sire - estimated Breeding Values (gBV) |              |              |                  |               |                    |               |               |               |               |                   |               | IMF |
|----------------------------|--|--------------------------------|--------------|-------------|--|--------------|--------------|------------------|---------------|--------------------|---------------|---------------|---------------|---------------|-------------------|---------------|-----|
|                            |  | TSS                            | TSG          | TSM         | SUR  | WWT          | CWT          | LW8 <sup>1</sup> | FATY          | LEANY <sup>1</sup> | SHLY          | LNLY          | HQLY          | CWY           | EMAc <sup>1</sup> |               |     |
| 5%                         | +2305                                  | +245                           | +1400        | +762        | +0.029   | +5.89        | +3.30        | +10.45           | -0.856        | +0.546             | +0.241        | +0.108        | +0.280        | +1.963        | +1.699            | +0.715        |     |
| 10%                        | +2081                                  | +207                           | +1259        | +678        | +0.025   | +5.30        | +2.96        | +9.38            | -0.729        | +0.455             | +0.199        | +0.093        | +0.233        | +1.771        | +1.447            | +0.594        |     |
| 20%                        | <b>+1809</b>                           | <b>+161</b>                    | <b>+1088</b> | <b>+575</b> | <b>+0.019</b>  | <b>+4.59</b> | <b>+2.55</b> | <b>+8.08</b>     | <b>-0.574</b> | <b>+0.345</b>      | <b>+0.149</b> | <b>+0.074</b> | <b>+0.177</b> | <b>+1.539</b> | <b>+1.142</b>     | <b>+0.448</b> |     |
| 30%                        | +1613                                  | +128                           | +965         | +501        | +0.015   | +4.07        | +2.25        | +7.14            | -0.463        | +0.266             | +0.113        | +0.061        | +0.136        | +1.371        | +0.921            | +0.342        |     |
| 50%                        | <b>+1288</b>                           | <b>+73</b>                     | <b>+761</b>  | <b>+379</b> | <b>+0.009</b>  | <b>+3.23</b> | <b>+1.76</b> | <b>+5.59</b>     | <b>-0.278</b> | <b>+0.135</b>      | <b>+0.053</b> | <b>+0.038</b> | <b>+0.068</b> | <b>+1.094</b> | <b>+0.557</b>     | <b>+0.168</b> |     |
| 70%                        | +964                                   | +19                            | +557         | +257        | +0.002   | +2.38        | +1.27        | +4.04            | -0.094        | +0.004             | -0.007        | +0.016        | +0.000        | +0.818        | +0.193            | -0.007        |     |
| 80%                        | +768                                   | -14                            | +434         | +183        | -0.002   | +1.86        | +0.97        | +3.10            | +0.017        | -0.075             | -0.043        | +0.002        | -0.041        | +0.650        | -0.027            | -0.112        |     |
| 90%                        | +496                                   | -60                            | +263         | +80         | -0.007   | +1.15        | +0.56        | +1.80            | +0.172        | -0.185             | -0.094        | -0.017        | -0.098        | +0.418        | -0.333            | -0.259        |     |
| 95%                        | +272                                   | -98                            | +122         | -4          | -0.012   | +0.56        | +0.22        | +0.72            | +0.299        | -0.276             | -0.135        | -0.032        | -0.145        | +0.226        | -0.585            | -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 | 100                                    | 144                            | 185          | 112         | 139  | 181          | 181          | 181              | 107           | 107                | 107           | 107           | 107           | 107           | 107               | 4             |     |
| No. Young animals          | 20272                                  | 26309                          | 30550        | 22112       | 25792  | 30327        | 30327        | 30327            | 21261         | 21261              | 21261         | 21261         | 21261         | 21261         | 21261             | 2162          |     |

<sup>1</sup>These BVs not used in standard SIL indexes

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