

merino
superior sires
SINCE 1989

Percentile Bands

NUMBER 23 – 2017 | 2012 – 2016 DROPS



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Percentile Bands

The Percentile Bands table describes the trait or index performance standard of the sires reported in MSS. The 0% band is the highest performance band for the trait and the 100% is the lowest. The 50% band is the average performance. The Percentile Bands relate to all sires used in MERINOSELECT flocks between 2012 and 2016, not just those published in MSS. The exception to this is YTOP and YCULL which is only assessed in MSS.

It should be remembered that the highest band is not necessarily the 'best' as best is defined by a breeding objective. Best may be at the other end of the trait performance range or in between. An example of this would be YFD, or Yearling Fibre Diameter, where differing breeding objectives may target a different Percentile Band.

Table 1: Percentile Bands for sires used in MERINOSELECT flocks between 2012 and 2016

| Band | YCFW | AGFW | YFD | YSS | YWT | AWT | YEMD | YFAT | PWEC | EBWR | YTOP | YCULL | Indexes | | | |
|------|-------|-------|------|---------|-------|-------|------|------|-------|---------|------|-------|---------|-----|-----|-----|
| | | | | | | | | | | | | | DP+ | MP+ | FP+ | WP+ |
| (%) | (%) | (%) | (µm) | (NKtex) | (kg) | (kg) | (mm) | (mm) | % | (score) | (%) | (%) | | | | |
| 0 | 44.9 | 34.5 | -5.9 | 11.9 | 17.2 | 19.0 | 6.8 | 3.3 | -91.6 | -1.9 | 55 | -37 | 222 | 209 | 188 | 196 |
| 1 | 33.2 | 24.3 | -3.8 | 7.5 | 12.2 | 11.7 | 3.1 | 1.9 | -69.7 | -1.3 | 43 | -29 | 185 | 182 | 165 | 172 |
| 2 | 30.0 | 21.9 | -3.5 | 6.5 | 11.2 | 10.7 | 2.8 | 1.6 | -62.4 | -1.2 | 38 | -27 | 178 | 174 | 161 | 166 |
| 3 | 28.3 | 20.0 | -3.2 | 5.9 | 10.6 | 10.0 | 2.5 | 1.5 | -57.3 | -1.1 | 34 | -27 | 172 | 170 | 158 | 162 |
| 4 | 27.3 | 19.0 | -3.1 | 5.4 | 10.1 | 9.5 | 2.4 | 1.4 | -52.1 | -1.0 | 31 | -26 | 170 | 168 | 156 | 159 |
| 5 | 26.2 | 18.2 | -2.9 | 5.1 | 9.8 | 9.1 | 2.2 | 1.3 | -48.3 | -0.9 | 30 | -25 | 167 | 165 | 155 | 157 |
| 10 | 22.9 | 15.1 | -2.5 | 4.0 | 8.4 | 7.7 | 1.7 | 0.9 | -35.4 | -0.7 | 23 | -20 | 159 | 159 | 149 | 151 |
| 20 | 19.0 | 11.8 | -2.0 | 2.7 | 6.7 | 6.1 | 1.1 | 0.5 | -15.8 | -0.4 | 16 | -15 | 150 | 150 | 143 | 144 |
| 30 | 16.2 | 9.3 | -1.7 | 1.8 | 5.5 | 4.8 | 0.7 | 0.3 | 0.0 | -0.2 | 11 | -11 | 144 | 144 | 138 | 138 |
| 40 | 13.7 | 7.3 | -1.4 | 1.2 | 4.5 | 3.8 | 0.4 | 0.1 | 0.0 | -0.1 | 8 | -6 | 139 | 140 | 134 | 133 |
| 50 | 11.3 | 5.3 | -1.1 | 0.4 | 3.6 | 2.9 | 0.2 | -0.0 | 0.0 | 0.0 | 3 | -4 | 134 | 135 | 131 | 129 |
| 60 | 8.9 | 3.3 | -0.9 | -0.3 | 2.7 | 1.9 | -0.1 | -0.2 | 0.0 | 0.2 | 0 | -1 | 129 | 130 | 127 | 125 |
| 70 | 6.2 | 0.9 | -0.7 | -1.0 | 1.7 | 0.9 | -0.3 | -0.3 | 0.0 | 0.3 | -3 | 2 | 124 | 125 | 123 | 119 |
| 80 | 2.7 | -2.3 | -0.3 | -2.0 | 0.5 | -0.4 | -0.6 | -0.5 | 0.0 | 0.4 | -8 | 7 | 117 | 119 | 118 | 113 |
| 90 | -3.5 | -7.2 | 0.1 | -3.3 | -1.2 | -2.0 | -1.1 | -0.8 | 17.9 | 0.6 | -14 | 13 | 108 | 110 | 110 | 104 |
| 100 | -43.9 | -37.1 | 6.1 | -13.8 | -11.2 | -12.4 | -3.7 | -2.8 | 171.9 | 1.5 | -28 | 47 | -7 | 33 | 23 | 21 |

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