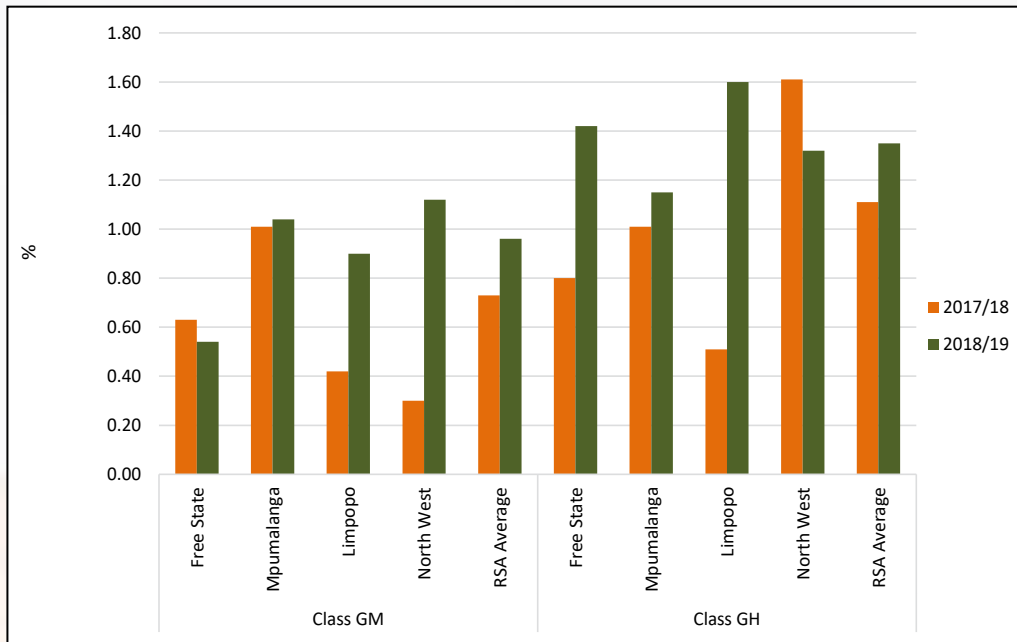
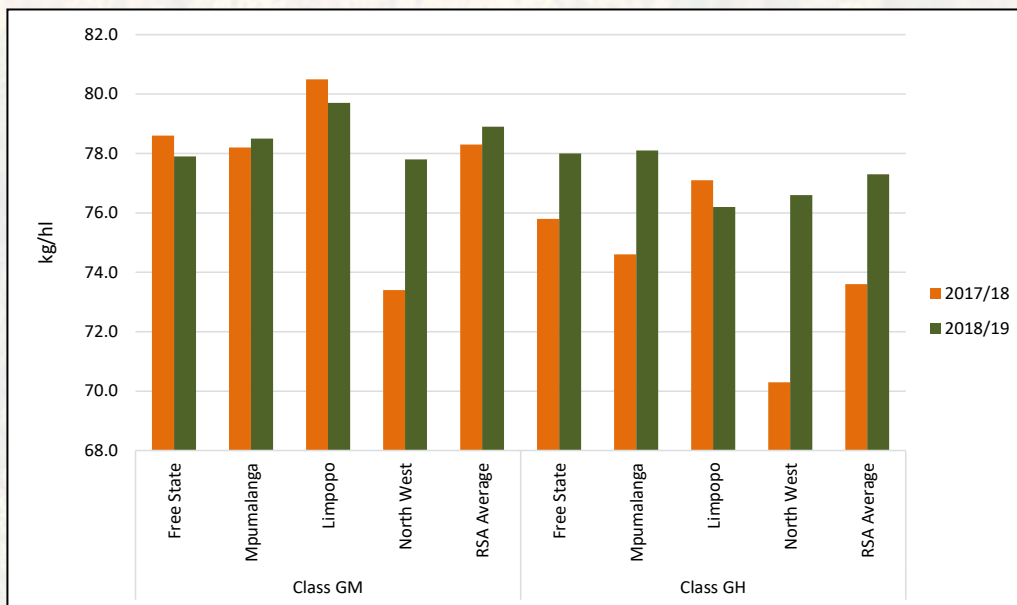


Graph 18: Average percentage small kernel sorghum per class per province



GM sorghum had the highest weighted average test weight, namely 78.9 kg/hl, while GH sorghum averaged 77.3 kg/hl. Please refer to Graph 19. Test weight values for GM sorghum ranged between 74.0 and 81.2 kg/hl, GH values varied from 76.2 kg/hl to 78.9 kg/hl. Test weight was determined on unscreened samples.

Graph 19: Average test weight per class per province



GM sorghum also had the highest 1 000 kernel mass values, ranging between 19.4 and 30.0 g (14% moisture basis) and averaging 25.5 g. GH sorghum averaged 24.4 g and varied between 19.8 and 29.4 g.

The image analysis results showed that the GM sorghum on average had longer and slightly wider kernels than the GH sorghum. The variation (indicated by the standard deviation) in these parameters is similar for both GM and GH sorghum. Kernel roundness, defined as W/L% (width divided by length, expressed as a percentage) showed a wider variation as can be expected, with a standard deviation of 4.6% for GM and 4.9% for GH sorghum. A totally round kernel will have a W/L% of 100.