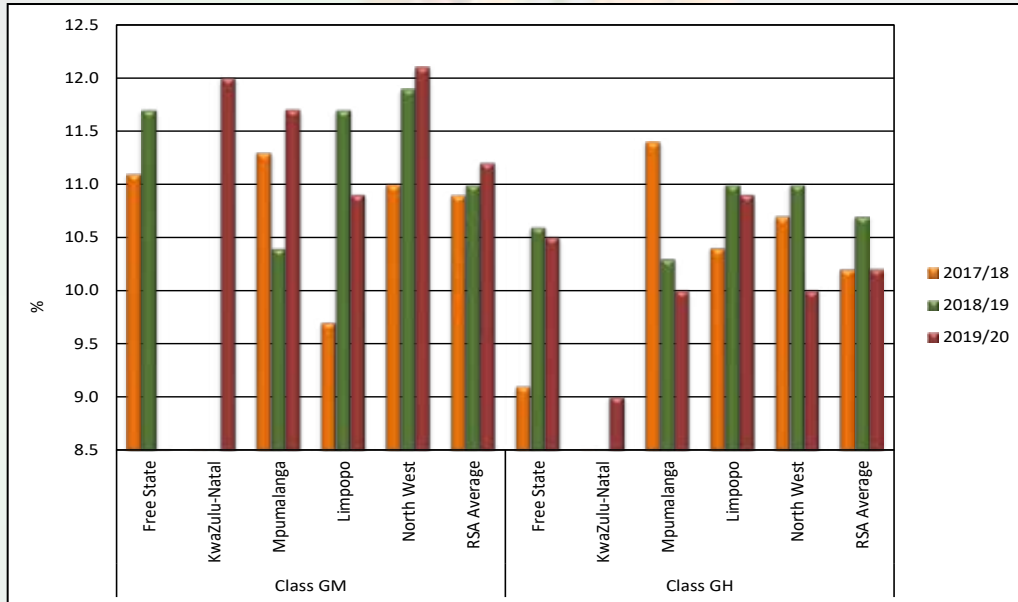
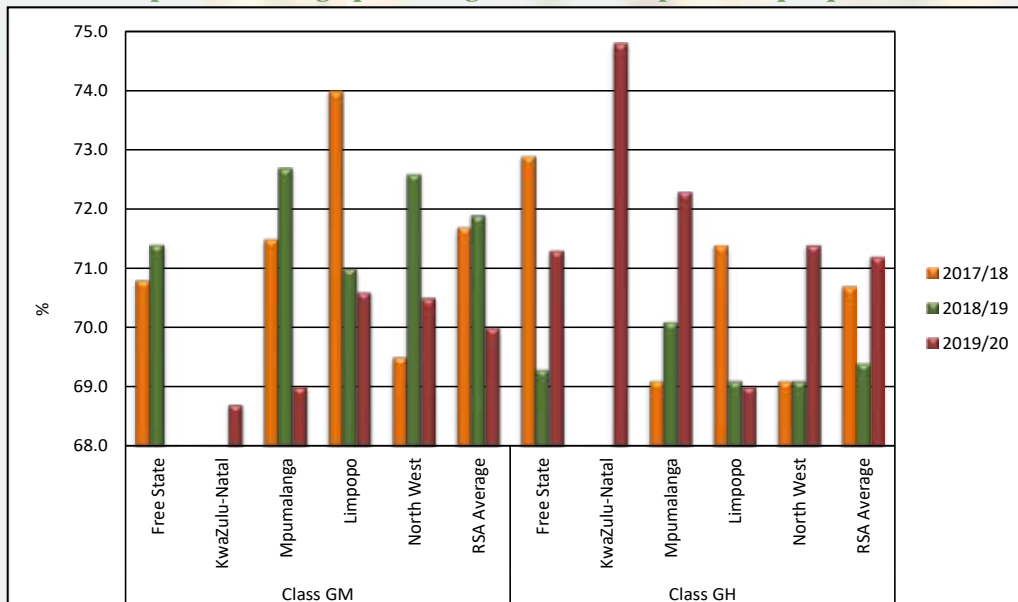


The crude protein and total starch contents of the samples were calculated and reported on a dry basis. North West had the highest protein average of 12.1% for GM sorghum, while Limpopo averaged the lowest with 10.9%. Limpopo again averaging 10.9% was however now the highest average for GH sorghum, the sample from KwaZulu-Natal averaged the lowest at 9.0%. Nationally, GM and GH sorghum averaged 11.2% and 10.2% respectively. The highest total starch content for GM sorghum was reported in Limpopo (70.6%), followed closely by North West with 70.5%. The highest total starch content for GH sorghum, namely 74.8%, was reported on the KwaZulu-Natal sample. The weighted total starch content of GM sorghum was 70.0% and that of GH sorghum 71.2%. Please see Graphs 20 and 21.

**Graph 20: Average percentage crude protein per class per province**



**Graph 21: Average percentage total starch per class per province**



Hunterlab colour determinations were done on a milled fraction of dehulled sample above the 1.8 mm slotted sieve. Please see a summary of the Hunter L a b values obtained below, the average and range (in brackets) are provided. For comparison purposes the values obtained in the 2018/19 and 2017/18 seasons are also included.

2019/20 season GM sorghum: L 73.16 (62.39 – 79.29), a 4.31 (1.72 – 5.11) and b 10.25 (9.33 – 11.64)

2019/20 season GH sorghum: L 68.61 (67.10 – 73.83), a 5.24 (4.32 – 5.88) and b 9.68 (8.94 – 10.31)

2018/19 season GM sorghum: L 73.48 (69.86 – 76.27), a 4.51 (3.86 – 5.47) and b 10.53 (9.73 – 11.65)

2018/19 season GH sorghum: L 68.88 (67.28 – 69.89), a 4.76 (4.04 – 5.97) and b 9.57 (7.63 – 10.20)