

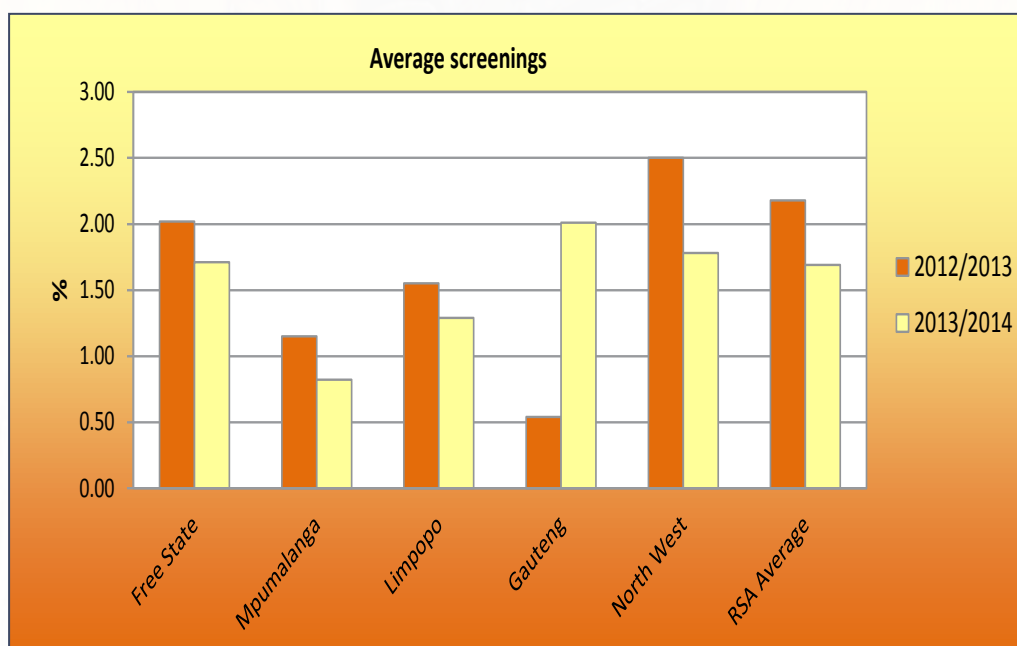
## Sunflower Crop Quality 2013/2014 – Summary of results

Eighty two percent (145) of the 176 samples analysed for the purpose of this survey were graded as Grade FH1 and thirty one of the samples were downgraded to COSF (Class Other Sunflower Seed). The percentage of FH1 samples compares well with the 80% of the 2012/2013 season.

- Sixteen of the samples were downgraded as a result of the percentage of either the screenings or the collective deviations or a combination of both exceeding the maximum permissible deviations of 4% and 6% respectively.
- Five of the samples were downgraded as a result of the percentage of either the foreign matter or a combination of the foreign matter and collective deviations exceeding the maximum permissible deviations of 4% and 6% respectively.
- Eight of the samples were downgraded as a result of the percentage of either the percentage Sclerotinia or a combination of Sclerotinia and collective deviations exceeding the maximum permissible deviations of 4% and 6% respectively. Seven of these sample originated from the regions in the North West province and one from a region in Mpumalanga.
- Of the remaining two samples, one was downgraded due to the percentage screenings, foreign matter and collective deviations exceeding the maximum permissible deviations and the other as a result of the percentage damaged sunflower seeds, Sclerotinia and collective deviations exceeding the maximum permissible deviations. Both these samples originated from the North West province.

Gauteng province (four samples) reported the highest weighted average percentage screenings namely 2.01%, followed by the North West (N=58) and Free State (N=98) provinces with 1.78% and 1.71% respectively. Mpumalanga (five samples) reported the lowest average percentage screenings of 0.82%.

**Graph 16: Average percentage screenings per province over two seasons**



The highest weighted percentage foreign matter (1.63%) was reported for the four Gauteng samples. The Free State and North West provinces averaged 1.46% and 1.35% respectively. The lowest average percentage was found in Limpopo at 0.89%.