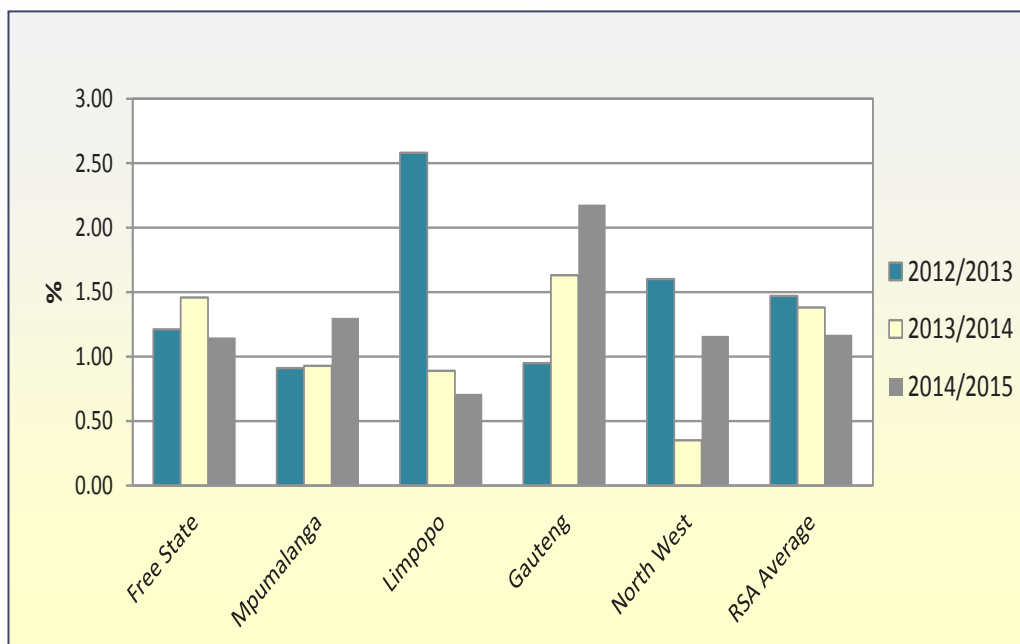
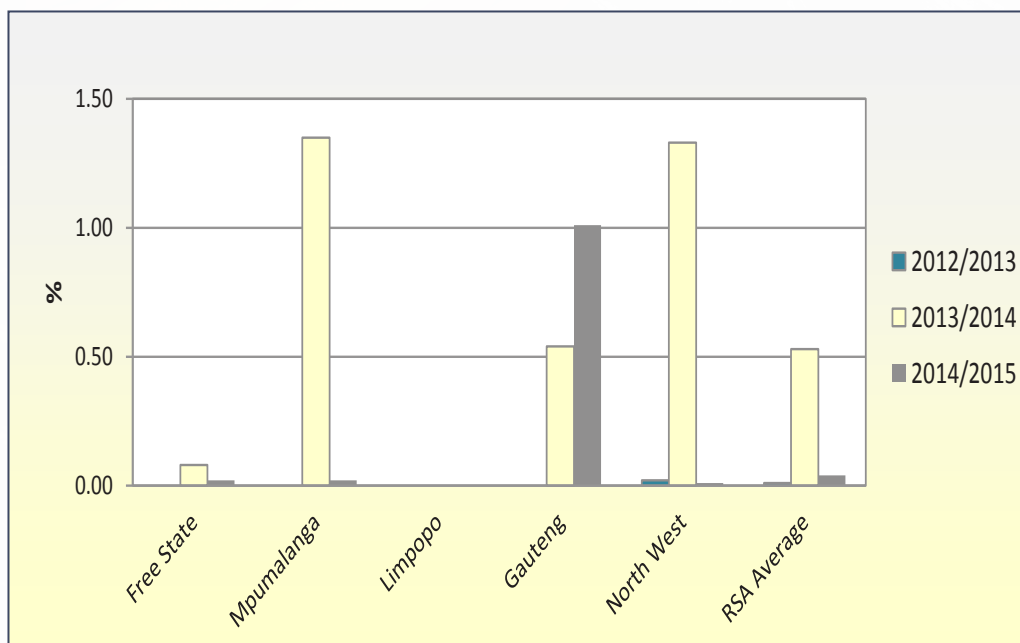


Graph 17: Average percentage foreign matter per province over three seasons



Sclerotinia did not pose a problem on any of the samples received for this survey and was observed on only nine of the samples. The highest percentage (3.03%) was present on a sample from Gauteng, this is however still well below the maximum allowable level of 4%. Sclerotinia was not observed on any of the samples from Limpopo. Very low weighted average levels ranged from 0.01% in the North West to 0.02% for both the Free State and Mpumalanga. Gauteng showed the highest weighted average of 1.01%. The national average of 0.04% compared well with the 0.01% of the 2012/2013 season and was lower than the 0.53% of the previous season.

Graph 18: Average percentage Sclerotinia per province over three seasons



Test weight does not form part of the grading regulations for sunflower seed in South Africa. An approximation of the test weight of South African sunflower seeds is provided in Table 3 for information purposes. The g/1 L filling weight of sunflower seed were determined by means of the Kern 222 apparatus. The test weight was extrapolated by means of the following formulas obtained from the Test Weight Conversion Chart for Sunflower Seed, Oil of the Canadian Grain Commission: $y = 0.1936x + 2.2775$ (138 to 182 g/0.5 L) and $y = 0.1943x + 2.1665$ (183 to 227 g/0.5 L). Please see also Graph 19 for a comparison of the test weight per province over the last three seasons.