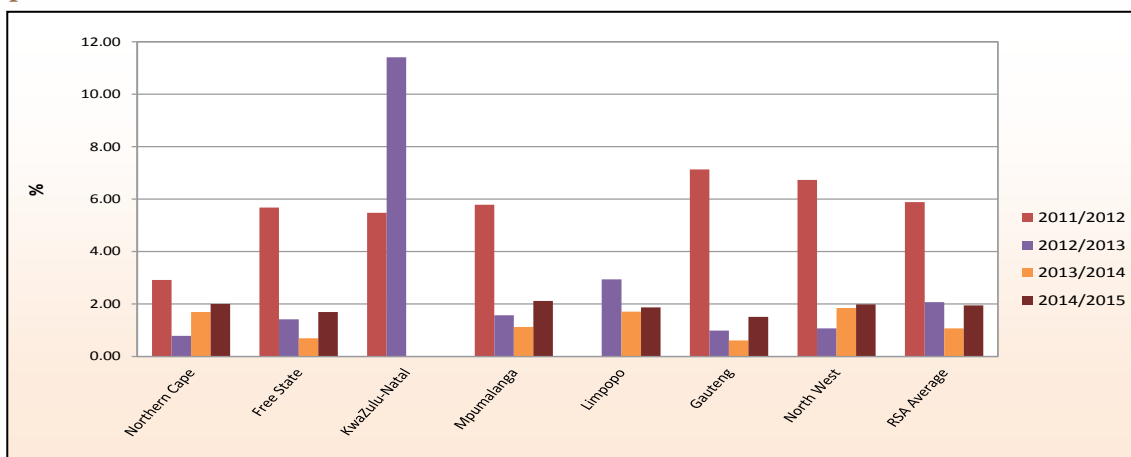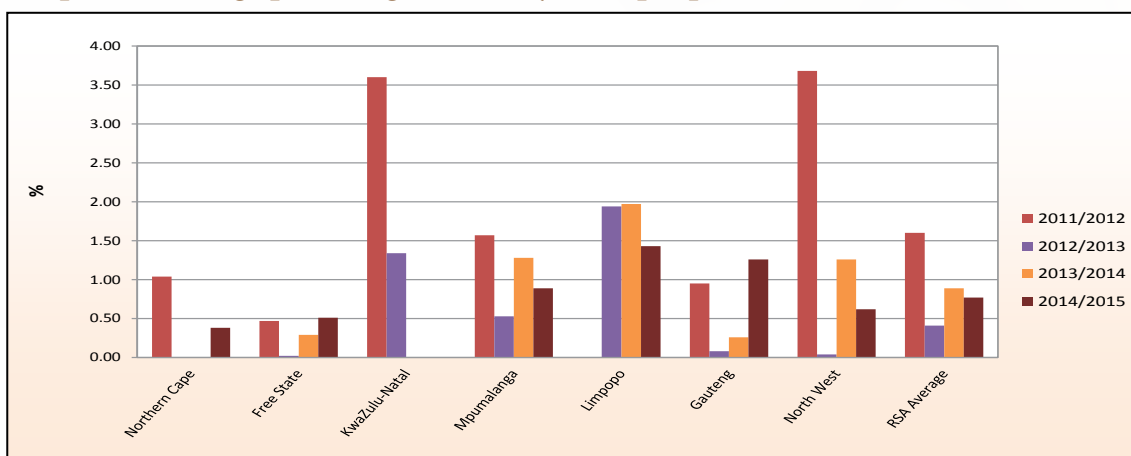**Graph 19: Average percentage defective soybeans on the 4.75 mm round hole sieve per province over four seasons**

The RSA weighted average percentage soiled soybeans of 0.77% is lower than the 0.89% of the previous season but higher than the weighted average (0.41%) of the 2012/2013 season. Average weighted percentages per province ranged from 0.38 in the Northern Cape to 1.43 in Limpopo. Please see Graph 20. This season one sample from Mpumalanga had a soiled soybean percentage exceeding the maximum permissible deviation of 10%, none above the limit were observed during the 2013/2014 season.

Graph 20: Average percentage soiled soybeans per province over four seasons

Test weight does not form part of the grading regulations for soybeans in South Africa. An approximation of the test weight of South African soybeans is provided in Table 2 for information purposes. The g/1 L filling weight of the 150 soybeans samples was 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 Soybean of the Canadian Grain Commission: $y = 0.1898x + 2.2988$ (291 to 350 g/0.5 L) and $y = 0.1895x + 2.3964$ (351 to 410 g/0.5 L). Please see also Graph 21 for a comparison of the test weight per province over the last two seasons.

Table 2: Approximation of test weight per province over two seasons					
	Test weight, kg/hl				
Province	2014/2015 Season			2013/2014 Season		
	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples
Northern Cape (Regions 10 - 11)	71.6	71.2 - 71.9	3	70.0	69.8 - 70.2	2
Free State (Regions 21 - 28)	71.1	67.0 - 72.7	42	71.1	66.6 - 73.6	51
Mpumalanga (Regions 29 - 33)	70.7	63.3 - 78.2	77	70.8	68.3 - 74.7	66*
Limpopo (Region 35)	70.0	69.3 - 70.8	2	69.7	68.5 - 70.5	3
Gauteng (Region 34)	71.4	69.5 - 72.4	8	71.9	71.5 - 73.1	7
North West (Region 12 - 20)	71.1	68.8 - 72.2	18	71.2	69.4 - 73.1	20
RSA Average	*70.9*	*63.3 - 78.2*	*150*	*71.0*	*66.6 - 74.7*	*149*

* One sample with an outlier value was not taken into account for calculation purposes.