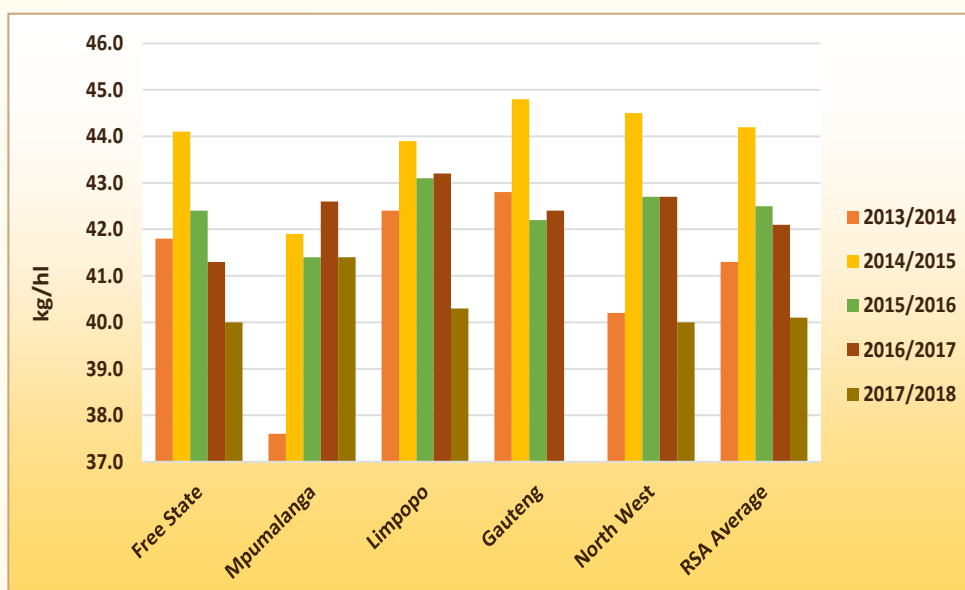


**Table 3: Approximation of test weight per province over three seasons**

Province	Test weight, kg/hl								
	2017/2018 Season			2016/2017 Season			2015/2016 Season		
	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples
Free State (Regions 21 - 28)	40.0	34.9 - 45.7	64	41.3	34.2 - 45.1	76	42.4	36.3 - 48.1	80
Mpumalanga (Regions 29 - 33)	41.4	35.0 - 42.2	8	42.6	35.0 - 42.2	10	41.4	35.0 - 42.2	7
Limpopo (Region 35)	40.3	38.5 - 43.1	5	43.2	40.4 - 45.5	11	43.1	42.7 - 43.8	7
Gauteng (Region 34)	-	-	-	42.4	41.2 - 43.7	3	42.2	41.7 - 42.8	2
North West (Region 12 - 20)	40.0	33.2 - 45.9	*98	42.7	39.1 - 45.1	76	42.7	40.0 - 46.2	80
<b>RSA</b>	<b>40.1</b>	<b>33.2 - 45.9</b>	<b>175</b>	<b>42.1</b>	<b>34.2 - 45.5</b>	<b>176</b>	<b>42.5</b>	<b>35.0 - 48.1</b>	<b>176</b>

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

**Graph 19: Comparison of the test weight per province over five seasons**



The nutritional component analyses, namely crude protein, -fat, -fibre and ash are reported as % (g/100g) on an 'as received' or 'as is' basis.

The weighted average crude protein content this season was 16.61%, similar to the 16.63% of the previous season. North West had the highest weighted average crude protein content of 17.12% and Mpumalanga the lowest with 15.15%. Mpumalanga has consistently reported the lowest average protein content since commencement of this survey in the 2012/2013 season. Limpopo's crude protein content averaged 16.95% and that of the Free State 15.97%. The weighted average crude fat percentage of 37.0% was the lowest of the last six seasons and 1.6% lower than the previous season. Mpumalanga had the highest weighted average crude fat content of 40.0%. Last season Mpumalanga also reported the highest fat content. The lowest average fat content was the 36.1% of the North West province (also the lowest in the previous season).

The weighted average percentage crude fibre is the highest of the six seasons at 21.9% (21.0% in 2016/2017). Average values varied between 20.2% in Limpopo to 22.2% in the Free State. The weighted average ash content is also the highest over six seasons (2.69%), last season 2.52%. The provincial averages ranged from 2.56% in Mpumalanga to 2.74% in Limpopo.

Graphs 20 to 23 on page 18 provide comparisons between provinces for the nutritional components discussed above.

See Table 4 on page 19 for a summary of the RSA Sunflower Crop Quality averages of the 2017/2018 season compared to those of the 2016/2017 season.

Please also see pages 20 to 26 for the average sunflower quality per region.