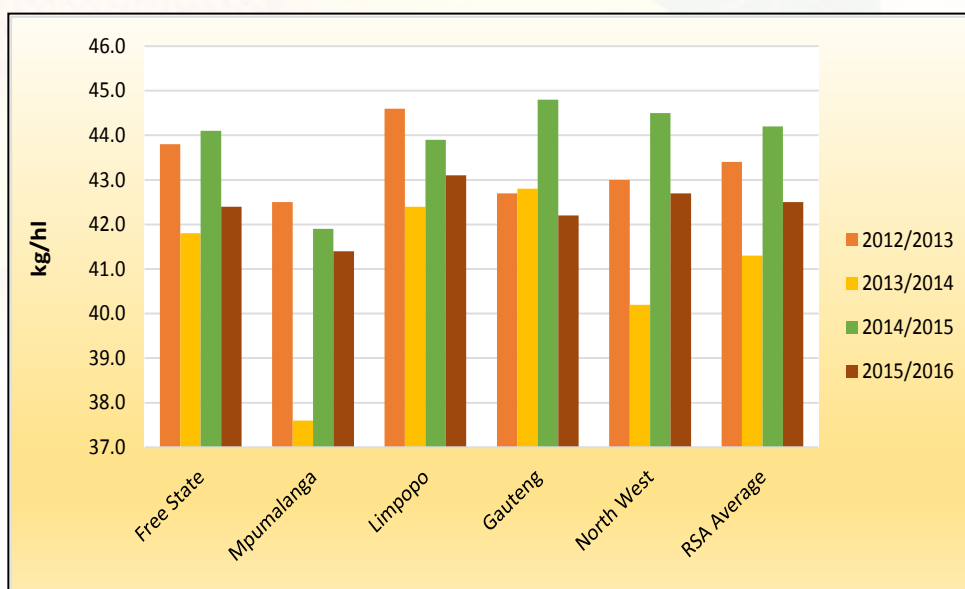


Table 3: Approximation of test weight per province over three seasons

Province	Test weight, kg/hl								
	2015/2016 Season			2014/2015 Season			2013/2014 Season		
	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples
Free State (Regions 21 - 28)	42.4	36.3 - 48.1	80	44.1	38.9 - 49.9	69	41.8	36.4 - 48.2	*96
Mpumalanga (Regions 29 - 33)	41.4	35.0 - 42.2	7	41.9	35.0 - 42.2	8	37.6	35.0 - 42.2	5
Limpopo (Region 35)	43.1	42.7 - 43.8	7	43.9	42.2 - 50.5	8	42.4	37.7 - 44.0	11
Gauteng (Region 34)	42.2	41.7 - 42.8	2	44.8	42.2 - 47.6	5	42.8	41.7 - 44.6	4
North West (Region 12 - 20)	42.7	40.0 - 46.2	80	44.5	34.0 - 48.9	86	40.2	31.1 - 46.6	58
RSA	42.5	35.0 - 48.1	176	44.2	34.0 - 50.5	176	41.3	31.1 - 48.2	174

* Two samples with outlier values as a result of Deviations (Screenings + Sclerotinia + Foreign matter) exceeding 18%, was not taken into account for calculation purposes.

Graph 19: Comparison of the test weight per province over four 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. See Table 4 for a summary of the RSA Sunflower Crop Quality averages of the 2015/2016 season compared to those of the 2014/2015 season.

The weighted average crude protein content this season was 17.93%, almost one percent higher than the previous season and the highest average value since the start of this survey in 2012/2013. North West had the highest weighted average crude protein content of 18.24% and Mpumalanga the lowest with 17.14%. The Free State's crude protein content averaged 17.77%. The weighted average crude fat percentage of 38.2% was the lowest of the last four seasons and 1.5% lower than the previous season. Gauteng had the highest weighted average crude fat content of 40.3%. The lowest average fat content was observed in the Free State (38.0%). North West and Mpumalanga averaged 38.2% and 38.8% respectively.

The weighted average percentage crude fibre increased slightly from 20.0% in the previous season to 20.3% this season. Average values varied between 19.2% in Gauteng to 20.9% in Mpumalanga. The weighted average ash content is slightly higher (2.59%) than last season (2.55%). The provincial averages ranged from 2.49% in Mpumalanga to 2.69% in Limpopo.

Graphs 20 to 23 on page 15 provide comparisons between provinces for the nutritional components discussed above.

Please also see pages 17 to 22 for the average sunflower quality per region.