

Table 2: Approximation of Hectolitre mass per province for the 2013/2014 and 2012/2013 seasons

Province	Hectolitre mass, kg/hl					
	2013/2014 Season			2012/2013 Season		
	Weighted average	Range	No. of samples	Weighted average	Range	No. of samples
*Free State (Regions 21 - 28)	41.8	36.4 - 48.2	96	43.8	38.3 - 47.7	58
Mpumalanga (Regions 29 - 33)	37.6	35.0 - 42.2	5	42.5	38.1 - 45.7	6
Limpopo (Region 35)	42.4	37.7 - 44.0	11	44.6	42.6 - 47.5	9
Gauteng (Region 34)	42.8	41.7 - 44.6	4	42.7	42.6 - 42.8	2
North West (Region 12 - 20)	40.2	31.1 - 46.6	58	43.0	31.5 - 47.3	77
RSA Average	41.3	31.1 - 48.2	174	43.4	31.5 - 47.7	152

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

After consultation with industry, it was decided to report the crude protein, -fat, -fibre and ash components as % (g/100g) on an “as received” or “as is” basis. The results of the 2012/2013 crop quality have also been converted to an “as is” basis for comparison purposes. See Table 3 for a summary of the RSA Sunflower Crop Quality averages of the 2013/2014 season compared to those of the 2012/2013 season.

The average crude protein content of the 2013/2014 season was 16.15%, 0.62% lower than the 16.77% of the previous season. Limpopo showed the highest weighted average crude protein content of 16.95% and Mpumalanga the lowest with 15.07%. North West and the Free State had protein contents of 16.49% and 15.95% respectively. The average crude fat percentage increased from 39.2% in 2012/2013, to 39.6% this season. Gauteng had the highest weighted average crude fat content of 42.5%. The lowest average fat contents were observed in North West (38.8%) and the Free State (39.7%).

The weighted average percentage crude fibre increased slightly from 20.0% to 20.2% and varied between 18.6% in Limpopo and 20.6% in North West. The weighted average ash content is comparable, 2.66 % this season and 2.54% last season, varying 0.16% on average between provinces (Gauteng the lowest and the Free State the highest).

Graphs 19 to 22 on page 13 provide comparisons between provinces for the above mentioned components.

Please also see pages 15 to 21 for the average sunflower quality per region.