

The 2023/24 season is the sixth season that the SAGL conducted the moisture, crude protein and crude fat analyses on the ARC Grain Crops soybean cultivar trials' samples. Please see a comparison of the results between the crop survey and cultivar samples in Table 4.

Table 4: Comparison between the moisture, crude protein and crude fat results of the soybean crop quality and ARC cultivar trial samples of the 2023/24 season					
Analysis	Moisture, % (17hr, 103°C)	Crude Protein, % (db)	Crude Protein, % (as is)	Crude Fat, % (db)	Crude Fat, % (as is)
Soybean Crop Quality Survey results					
Average	7.6	40.26	37.21	20.5	19.0
Minimum	5.9	35.13	32.92	18.3	17.1
Maximum	11.3	44.29	41.15	23.3	21.9
Standard Deviation	0.87	1.37	1.25	0.97	0.91
No. of samples	200	200	200	200	200
ARC Grain Crops Cultivar trial sample results					
Average	8.3	40.04	36.71	20.3	18.6
Minimum	7.9	35.93	33.02	18.4	16.8
Maximum	8.7	42.66	38.94	22.5	20.7
Standard Deviation	0.25	1.54	1.41	1.09	1.02
No. of samples	30	30	30	30	30
% Difference between crop and cultivar samples	-0.7	0.2	0.5	0.2	0.4

A summary of the RSA Soybean Crop Quality averages of the 2023/24 season compared to those of the 2022/23 season, is provided in Table 5 on page 24.

Please see pages 29 to 36 for the average soybean quality per region.

