

The 2021/22 season is the fourth 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 2021/22 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	8.2	39.54	36.31	19.6	18.0
Minimum	6.5	34.50	31.77	16.9	15.4
Maximum	11.1	42.44	39.63	23.4	21.7
Standard Deviation	0.90	1.47	1.41	1.12	1.06
No. of samples	150	150	150	150	150
ARC Grain Crops Cultivar trial sample results					
Average	8.0	40.81	37.55	19.6	18.0
Minimum	7.5	36.25	33.53	15.9	14.7
Maximum	8.6	46.19	42.22	25.1	22.9
Standard Deviation	0.24	2.20	2.19	2.03	2.0
No. of samples	90	90	90	90	90
% Difference between crop and cultivar samples	0.2	-1.3	-1.2	0.0	0.0

A summary of the RSA Soybean Crop Quality averages of the 2021/22 season compared to those of the 2020/21 season, is provided in Table 5 on page 20.

Please see pages 24 to 30 for the average soybean quality per region.

