

The 2019/20 season is the second 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 2019/20 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	7.2	39.99	37.12	18.0	16.7
Minimum	6.4	33.81	31.54	15.4	14.3
Maximum	10.0	43.70	40.68	22.1	20.4
Standard Deviation	0.64	1.42	1.32	1.20	1.11
No. of samples	150	150	150	150	150
ARC Grain Crops Cultivar trial sample results					
Average	7.8	40.87	37.68	19.9	18.4
Minimum	6.9	38.47	35.33	15.8	14.6
Maximum	8.8	44.87	41.33	23.5	21.7
Standard Deviation	0.51	1.25	1.15	1.96	1.84
No. of samples	84	84	84	84	84
% Difference between crop and cultivar samples	-0.6	-0.88	-0.56	-1.9	-1.7

All fifteen samples tested for genetic modification (GM), tested positive for the presence of the CP4 EPSPS trait (Roundup Ready®). Please refer to the results in Table 5 on page 20 of this report.

A summary of the RSA Soybean Crop Quality averages of the 2019/20 season compared to those of the 2018/19 season, is provided in Table 6 on page 21.

Please see pages 26 to 33 for the average soybean quality per region.