

The 2020/21 season is the third 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.

<b>Table 4: Comparison between the moisture, crude protein and crude fat results of the soybean crop quality and ARC cultivar trial samples of the 2020/21 season</b>					
<b>Analysis</b>	<b>Moisture, % (17hr, 103°C)</b>	<b>Crude Protein, % (db)</b>	<b>Crude Protein, % (as is)</b>	<b>Crude Fat, % (db)</b>	<b>Crude Fat, % (as is)</b>
<b>Soybean Crop Quality Survey results</b>					
<b>Average</b>	<b>7.5</b>	<b>39.96</b>	<b>36.95</b>	<b>19.5</b>	<b>18.0</b>
<b>Minimum</b>	6.2	33.81	31.11	16.7	15.4
<b>Maximum</b>	9.4	42.77	39.48	23.2	21.5
<b>Standard Deviation</b>	0.60	1.77	1.58	1.16	1.10
<b>No. of samples</b>	150	150	150	150	150
<b>ARC Grain Crops Cultivar trial sample results</b>					
<b>Average</b>	<b>7.2</b>	<b>41.39</b>	<b>38.41</b>	<b>19.6</b>	<b>18.2</b>
<b>Minimum</b>	6.5	36.89	34.49	16.6	15.5
<b>Maximum</b>	8.5	44.61	40.82	23.6	21.6
<b>Standard Deviation</b>	0.48	1.47	1.46	1.53	1.5
<b>No. of samples</b>	90	90	90	90	90
<b>% Difference between crop and cultivar samples</b>	<b>0.3</b>	<b>-1.4</b>	<b>-1.5</b>	<b>-0.1</b>	<b>-0.2</b>

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 2020/21 season compared to those of the 2019/20 season, is provided in Table 6 on page 21.

Please see pages 25 to 31 for the average soybean quality per region.