

The 2022/23 season is the fifth 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 2022/23 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>8.2</b>	<b>40.19</b>	<b>36.90</b>	<b>19.9</b>	<b>18.3</b>
<b>Minimum</b>	6.4	34.62	30.67	16.6	15.1
<b>Maximum</b>	11.5	44.28	40.91	40.5	36.0
<b>Standard Deviation</b>	1.11	1.51	1.49	2.01	1.80
<b>No. of samples</b>	174	174	174	174	174
<b>ARC Grain Crops Cultivar trial sample results</b>					
<b>Average</b>	<b>8.8</b>	<b>40.68</b>	<b>37.10</b>	<b>20.3</b>	<b>18.5</b>
<b>Minimum</b>	8.4	36.74	33.65	16.5	15.1
<b>Maximum</b>	9.4	43.69	39.58	23.4	21.2
<b>Standard Deviation</b>	0.19	1.38	1.38	1.57	1.57
<b>No. of samples</b>	96	96	96	96	96
<b>% Difference between crop and cultivar samples</b>	<b>-0.6</b>	<b>-0.5</b>	<b>-0.2</b>	<b>-0.4</b>	<b>-0.2</b>

A summary of the RSA Soybean Crop Quality averages of the 2022/23 season compared to those of the 2021/22 season, is provided in Table 5 on page 20.

Please see pages 25 to 33 for the average soybean quality per region.