

Genetic Modification (GM)

The SAGL screened 10 of the crop samples to test for the presence of CP4 EPSPS (Roundup Ready).

The crop quality samples received by the SAGL are composite samples per class and grade, made up of individual deliveries to grain silos.

SAGL used the EnviroLogix QuickComb kit for bulk soybeans to quantitatively determine the presence of genetically modified soybeans.

All of the samples tested positive for the presence of CP4 EPSPS.

The detection range for the CP4 EPSPS trait is 0.125% to 3%. The limit of quantification (LOQ) is therefore 0.125%.

Values higher than 3%, the highest value of the detection range for the CP4 EPSPS trait, are reported as > 3%.

The Coefficient of Variation for this analysis is 20%.

Table 3: GM results for the 2011/2012 season

Region	Grade	CP4 EPSPS (RUR), %
11	SB1	>3
13	SB1	>3
19	COSB	>3
20	SB1	>3
21	SB1	>3
25	SB1	>3
28	SB1	>3
31	SB1	>3
34	SB1	>3
36	COSB	>3
<i>Average</i>		>3
<i>Number of samples</i>		10