

Maize Crop Quality 2024/25 - summary of results

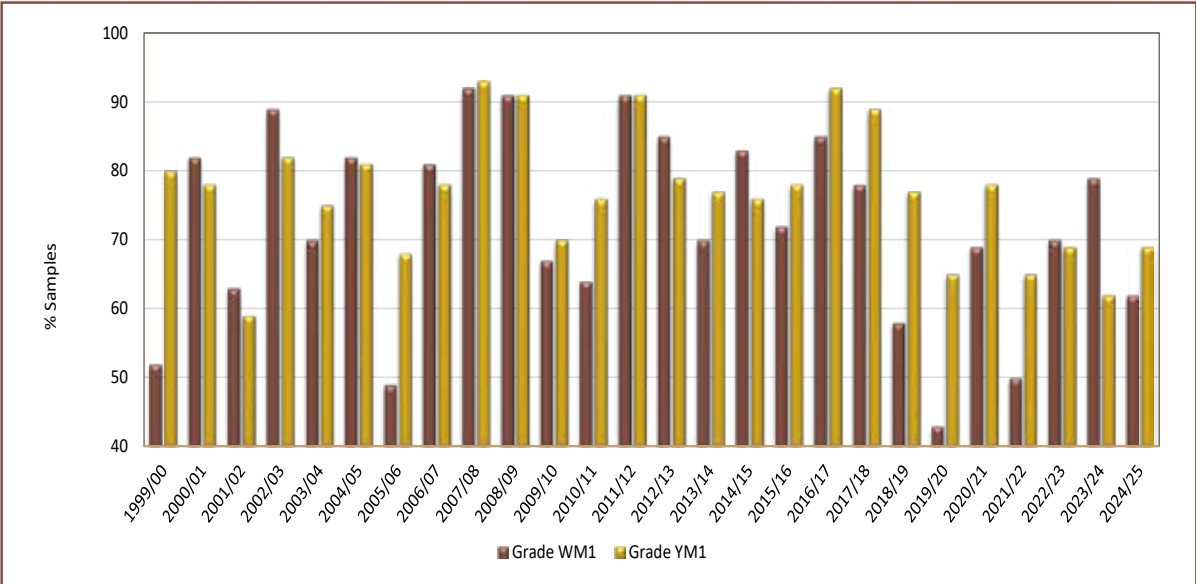
The weighted average quality results per class and grade per colour are summarised in Table 3 on page 28.

Table 4 on page 29 provides a comparison of the weighted average results of the main maize producing provinces, namely the Free State, Mpumalanga and North West during the 2024/25 production season.

RSA Grading

The latest maize grading regulations were published in Government Notices No. R. 4368 of 16 February 2024 and No. R. 4433 of 1 March 2024. This is the second annual maize crop survey where samples were graded according to these regulations.

62% of white maize samples received for the purpose of the crop quality survey were graded as maize grade one (WM1), last season this figure was 79%. 69% of yellow maize samples received and graded were graded as grade one (YM1), compared to 62% the previous season. Graph 33 provides an overview of the percentages of maize graded as WM1 and YM1, since commencement of the annual maize crop quality survey in 1998.



Graph 33: Percentage samples graded as Grade 1 over seasons

For comparison purposes, the samples were also graded according to the previous grading regulations as published in Government Notice No. R.473 of 8 May 2009. The percentages of samples per Class and grade according to the current as well as the previous grading regulations were determined. Please refer to Graphs 34 and 35 for the percentages of samples per Class and grade white maize as well as Graphs 36 and 37 for the percentages of samples per Class and grade yellow maize.

The average percentage total defective white maize kernels above (larger than) and below (smaller than) the 6.35 mm sieve increased by 2.5% to 6.0% compared to the previous season. The percentage defective kernels above the sieve increased by 3.4% on average, while the percentage defective kernels below the sieve decreased by 0.8%.

The average percentage total defective yellow maize kernels above the 6.35 mm sieve increased by 3.1% to 4.7%. Defective yellow kernels below the 6.35 mm sieve, decreased by 2.2% to 2.1%.