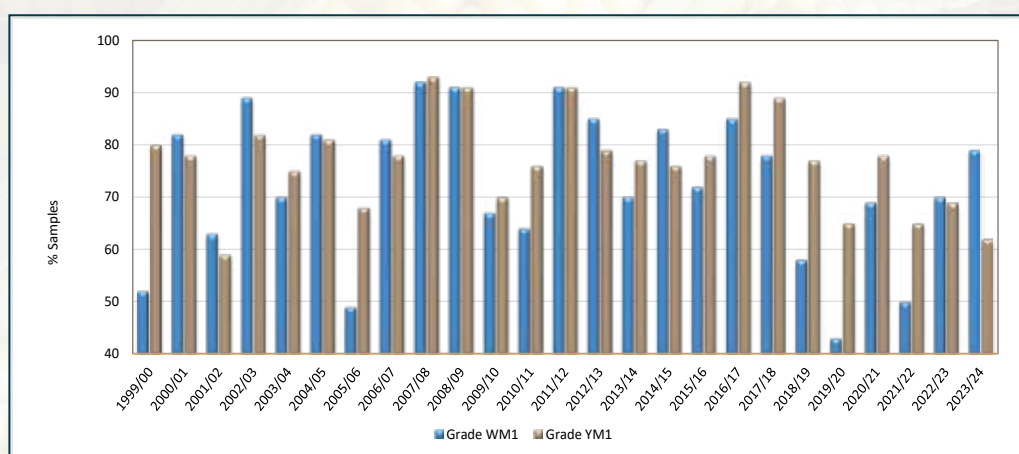


Maize Crop Quality 2023/24 - summary of results

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 first maize crop survey where samples were graded according to these regulations.

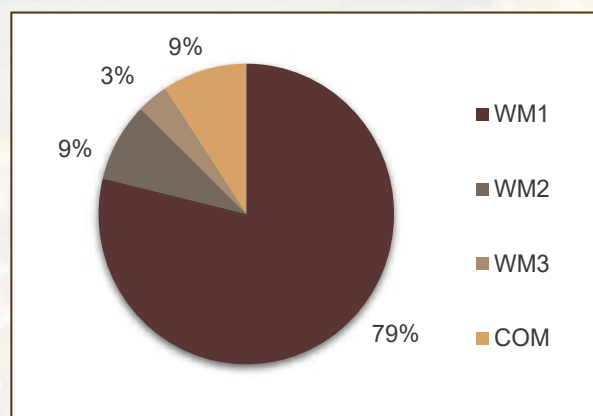
79% of white maize samples received for the purpose of the crop quality survey were graded as maize grade one, last season this figure was 70%. 62% of yellow maize samples received and graded were graded as grade one, compared to 69% the previous season. Please see Graph 33 for the percentages of samples (white and yellow) per season graded as grade 1, since commencement of the annual maize crop quality survey in 1998.



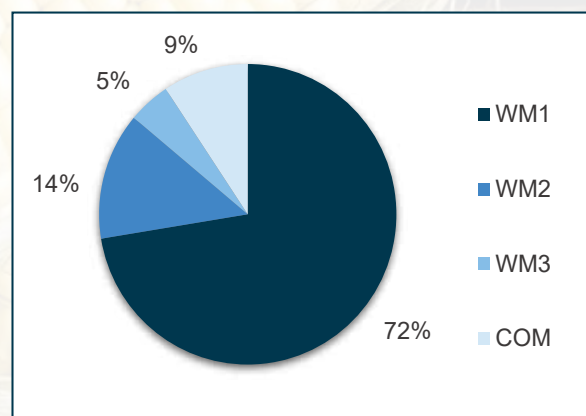
Graph 33: Percentage samples graded as Grade 1 over seasons

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 of white maize according to the current and previous grading regulations respectively. No differences in the percentages were observed for yellow maize.

The percentage total defective kernels above (larger than) and below (smaller than) the 6.35 mm sieve, 3.5% for white and 5.0% for yellow maize, is respectively 1.6% and 0.1% lower than the previous season. Defective white maize kernels above the 6.35 mm sieve decreased by 2.2% to 1.1% and yellow maize decreased by 1.2% to 1.6%. The percentage defective kernels below the 6.35 mm sieve for white maize increased from 1.7% to 2.3% while yellow maize increased from 2.3% to 3.3%.



Graph 34: White maize - Percentage of samples per Class and grade according to the current grading regulations



Graph 35: White maize - Percentage of samples per Class and grade according to the previous grading regulations