

TABLE 2: RSA GRADING OF WHITE MAIZE (2004/2005)

| Number of samples | Region | % Defective Kernels | | | | | | % Total defective | | | % Foreign matter | | | % Another Colour | | | % Total Deviation | | | % Pinked Kernels | | | % Diplodia Kernels | | | % Fusarium Kernels | | | % Cobrot Kernels | | | | | | | | |
|--------------------|-----------------|---------------------|------------|------------|---------------------|------------|------------|-------------------|------------|------------|------------------|------------|------------|------------------|------|------------|-------------------|------------|------------|------------------|------------|------------|--------------------|------------|------------|--------------------|------------|------------|------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | | Above 6.35 mm sieve | | | Below 6.35 mm sieve | | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Region 10 | 2.0 | 1.9 | 2.2 | 1.6 | 1.5 | 1.7 | 3.6 | 3.4 | 3.8 | 0.2 | 0.2 | 0.2 | 0.3 | 0.0 | 0.7 | 4.1 | 3.9 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | |
| 1 | Region 11 | 0.5 | 0.5 | 0.5 | 3.0 | 3.0 | 3.0 | 3.5 | 3.5 | 3.5 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 3.7 | 3.7 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 10 | Region 12 | 3.0 | 1.6 | 5.7 | 1.8 | 0.9 | 3.8 | 4.8 | 2.7 | 7.0 | 0.2 | 0.1 | 0.2 | 0.0 | 0.0 | 0.5 | 5.0 | 2.9 | 7.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.9 | 0.3 | 0.0 | 0.9 | 0.4 | 0.0 | 1.2 | 0.4 | 0.0 | 1.3 | | | |
| 7 | Region 13 | 3.3 | 2.2 | 5.6 | 1.5 | 0.5 | 2.1 | 4.8 | 3.5 | 7.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.0 | 0.5 | 5.1 | 3.7 | 7.4 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.8 | 0.4 | 0.0 | 1.4 | 0.4 | 0.0 | 1.3 | 0.4 | 0.0 | 1.3 | | | |
| 19 | Region 14 | 3.1 | 1.4 | 6.2 | 1.9 | 0.7 | 3.0 | 4.9 | 2.9 | 6.9 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.8 | 5.3 | 3.0 | 7.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.7 | 0.4 | 0.0 | 2.4 | 0.2 | 0.0 | 1.2 | 0.2 | 0.0 | 1.2 | | | |
| 8 | Region 15 | 2.2 | 1.9 | 2.7 | 1.8 | 1.4 | 2.7 | 4.0 | 3.2 | 4.8 | 0.2 | 0.2 | 0.2 | 0.4 | 0.0 | 1.2 | 4.6 | 3.6 | 6.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.6 | 0.1 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 22 | Region 16 | 2.6 | 1.5 | 5.2 | 1.7 | 0.8 | 2.6 | 4.3 | 2.8 | 7.0 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.7 | 4.6 | 3.1 | 7.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.9 | 0.3 | 0.0 | 0.9 | 0.1 | 0.0 | 0.5 | 0.1 | 0.0 | 0.5 | | | |
| 22 | Region 17 | 2.5 | 1.0 | 4.3 | 2.2 | 1.1 | 6.0 | 4.7 | 3.0 | 7.0 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.8 | 5.0 | 3.1 | 7.7 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.7 | 0.3 | 0.0 | 1.1 | 0.2 | 0.0 | 0.5 | 0.2 | 0.0 | 0.5 | | | |
| 17 | Region 18 | 2.8 | 1.4 | 4.8 | 1.6 | 0.7 | 3.3 | 4.4 | 3.0 | 6.4 | 0.2 | 0.1 | 0.3 | 0.1 | 0.0 | 0.6 | 4.7 | 3.2 | 6.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.6 | 0.4 | 0.0 | 1.3 | 0.3 | 0.0 | 1.0 | 0.3 | 0.0 | 1.0 | | | |
| 13 | Region 19 | 3.2 | 1.9 | 5.7 | 1.9 | 1.1 | 3.3 | 5.1 | 3.5 | 7.0 | 0.2 | 0.1 | 0.3 | 0.2 | 0.0 | 0.5 | 5.5 | 3.6 | 7.5 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.7 | 0.3 | 0.0 | 0.9 | 0.4 | 0.0 | 1.2 | 0.4 | 0.0 | 1.2 | | | |
| 8 | Region 20 | 3.5 | 2.2 | 6.3 | 1.6 | 0.7 | 3.5 | 5.1 | 3.7 | 7.0 | 0.2 | 0.1 | 0.2 | 0.3 | 0.0 | 1.3 | 5.5 | 4.2 | 7.8 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.5 | 0.4 | 0.0 | 1.6 | 0.6 | 0.0 | 2.1 | 0.6 | 0.0 | 2.1 | | | |
| 39 | Region 21 | 3.1 | 1.6 | 5.0 | 1.6 | 0.6 | 3.7 | 4.7 | 2.6 | 6.6 | 0.2 | 0.1 | 0.3 | 0.2 | 0.0 | 0.7 | 5.1 | 2.8 | 7.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.7 | 0.4 | 0.0 | 1.3 | 0.2 | 0.0 | 0.9 | 0.2 | 0.0 | 0.9 | | | |
| 49 | Region 22 | 2.7 | 1.3 | 5.5 | 1.7 | 0.2 | 3.1 | 4.4 | 2.0 | 7.0 | 0.2 | 0.1 | 0.3 | 0.2 | 0.0 | 0.7 | 4.7 | 2.4 | 7.8 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.8 | 0.3 | 0.0 | 0.9 | 0.2 | 0.0 | 1.2 | 0.2 | 0.0 | 1.2 | | | |
| 51 | Region 23 | 2.2 | 0.8 | 6.1 | 1.6 | 0.8 | 4.5 | 3.9 | 2.1 | 7.0 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.7 | 4.2 | 2.3 | 7.6 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 1.5 | 0.2 | 0.0 | 1.0 | 0.1 | 0.0 | 0.7 | 0.1 | 0.0 | 0.7 | | | |
| 40 | Region 24 | 2.4 | 1.2 | 4.3 | 1.5 | 0.4 | 2.7 | 3.9 | 2.4 | 6.3 | 0.2 | 0.1 | 0.3 | 0.2 | 0.0 | 0.8 | 4.3 | 2.6 | 7.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.7 | 0.3 | 0.0 | 0.9 | 0.2 | 0.0 | 0.6 | 0.2 | 0.0 | 0.6 | | | |
| 12 | Region 25 | 2.5 | 1.8 | 4.3 | 2.0 | 0.5 | 4.0 | 4.5 | 2.5 | 6.7 | 0.2 | 0.1 | 0.2 | 0.3 | 0.0 | 0.8 | 5.0 | 2.6 | 7.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.7 | 0.2 | 0.0 | 0.7 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | | | |
| 13 | Region 26 | 2.9 | 1.3 | 4.2 | 1.6 | 0.6 | 2.5 | 4.5 | 2.0 | 6.5 | 0.2 | 0.1 | 0.3 | 0.5 | 0.0 | 1.0 | 5.2 | 2.7 | 7.3 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 1.0 | 0.2 | 0.0 | 1.0 | 0.1 | 0.0 | 0.4 | 0.1 | 0.0 | 0.4 | | | |
| 10 | Region 27 | 2.8 | 1.5 | 4.7 | 1.3 | 0.3 | 2.5 | 4.1 | 2.3 | 6.2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.0 | 0.4 | 4.3 | 2.8 | 6.7 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.7 | 0.4 | 0.0 | 0.9 | 0.1 | 0.0 | 0.7 | 0.1 | 0.0 | 0.7 | | | |
| 12 | Region 28 | 2.4 | 0.9 | 4.5 | 1.7 | 0.4 | 3.9 | 4.1 | 1.8 | 6.5 | 0.2 | 0.1 | 0.3 | 0.5 | 0.0 | 1.9 | 4.7 | 2.0 | 7.6 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.6 | 0.2 | 0.0 | 1.0 | 0.1 | 0.0 | 0.4 | 0.1 | 0.0 | 0.4 | | | |
| 23 | Region 29 | 2.6 | 1.2 | 4.0 | 1.6 | 0.5 | 3.0 | 4.1 | 1.6 | 6.9 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.7 | 4.5 | 2.0 | 7.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 3.2 | 0.3 | 0.0 | 0.7 | 0.2 | 0.0 | 0.9 | 0.2 | 0.0 | 0.9 | | | |
| 16 | Region 30 | 3.1 | 2.0 | 6.5 | 1.8 | 0.5 | 3.2 | 4.9 | 3.1 | 7.0 | 0.2 | 0.2 | 0.3 | 0.2 | 0.0 | 0.6 | 5.3 | 3.3 | 7.7 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 1.8 | 0.6 | 0.0 | 2.2 | 0.1 | 0.0 | 0.8 | 0.1 | 0.0 | 0.8 | | | |
| 8 | Region 31 | 2.3 | 1.3 | 3.6 | 2.2 | 0.6 | 4.3 | 4.5 | 2.6 | 6.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.0 | 0.8 | 5.0 | 2.7 | 7.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.2 | 0.0 | 0.5 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | | | |
| 21 | Region 32 | 1.9 | 0.5 | 3.5 | 1.7 | 0.4 | 2.9 | 3.6 | 1.2 | 6.2 | 0.2 | 0.1 | 0.3 | 0.3 | 0.0 | 0.8 | 4.1 | 1.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 1.0 | 0.4 | 0.0 | 1.3 | 0.2 | 0.0 | 0.6 | 0.2 | 0.0 | 0.6 | | | |
| 10 | Region 33 | 2.9 | 1.2 | 5.8 | 2.0 | 1.1 | 3.0 | 4.8 | 3.2 | 7.0 | 0.2 | 0.1 | 0.3 | 0.3 | 0.0 | 0.8 | 5.4 | 3.5 | 7.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 1.1 | 0.5 | 0.0 | 1.1 | 0.2 | 0.0 | 0.4 | 0.2 | 0.0 | 0.4 | | | |
| 40 | Region 34 | 2.5 | 0.9 | 3.8 | 1.6 | 0.5 | 3.4 | 4.1 | 1.5 | 6.3 | 0.2 | 0.1 | 0.2 | 0.2 | 0.0 | 0.8 | 4.5 | 1.6 | 6.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.6 | 0.7 | 0.0 | 1.9 | 0.3 | 0.0 | 0.9 | 0.3 | 0.0 | 0.9 | | | |
| 8 | Region 35 | 1.7 | 1.2 | 2.1 | 1.7 | 1.1 | 2.4 | 3.4 | 2.4 | 4.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.0 | 0.4 | 3.7 | 2.5 | 4.4 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 0.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | | | |
| 11 | Region 36 | 2.4 | 0.8 | 4.0 | 2.0 | 0.1 | 3.4 | 4.4 | 1.1 | 7.0 | 0.2 | 0.0 | 0.3 | 0.1 | 0.0 | 0.8 | 4.6 | 1.3 | 8.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 1.0 | 0.4 | 0.0 | 1.1 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | | | |
| 493 | Ave WM 1 | 2.6 | | | 1.7 | | | 4.3 | | | 0.2 | | | 0.2 | | | 4.7 | | | 0.0 | | | 0.2 | | | 0.3 | | | 0.2 | | | 0.2 | | | 0.2 | | |
| | Min WM 1 | | 0.5 | | | 0.1 | | | 1.1 | | | 0.0 | | 0.0 | | | | 1.3 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | |
| | Max WM 1 | | | 6.5 | | | 6.0 | | | 7.0 | | | 0.3 | | | 1.9 | | | 8.0 | | | 0.1 | | | 3.2 | | | 2.4 | | | 2.1 | | | 2.1 | | | 2.1 |

TABLE 2: RSA GRADING OF WHITE MAIZE (2004/2005) (continue)

| Number of samples | Region | % Defective Kernels | | | | | | % Total defective | | | % Foreign matter | | | % Another Colour | | | % Total Deviation | | | % Pinked Kernels | | | % Diplodia Kernels | | | % Fusarium Kernels | | | % Cobrot Kernels | | | | | |
|--------------------|-----------------|---------------------|------|------|---------------------|------|------|-------------------|------|------|------------------|------|------|------------------|------|------|-------------------|------|------|------------------|------|------|--------------------|------|------|--------------------|------|------|------------------|------|------|------|------|------|
| | | Above 6.35 mm sieve | | | Below 6.35 mm sieve | | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. |
| GRADE: WM 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | Region 12 | 6.1 | 2.9 | 8.1 | 1.6 | 1.1 | 2.6 | 7.8 | 5.4 | 9.2 | 0.2 | 0.1 | 0.2 | 1.5 | 0.0 | 4.3 | 9.4 | 8.7 | 10.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0.2 | 1.2 | 1.3 | 0.5 | 2.1 | 1.1 | 0.2 | 2.4 | | | |
| 2 | Region 13 | 8.4 | 7.9 | 8.9 | 1.2 | 0.9 | 1.5 | 9.6 | 9.4 | 9.8 | 0.2 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 | 9.8 | 9.7 | 9.9 | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 1.0 | 2.0 | 2.0 | 2.0 | 2.6 | 2.2 | 2.9 | | | |
| 4 | Region 14 | 9.8 | 7.6 | 11.5 | 1.2 | 0.4 | 2.3 | 11.0 | 8.0 | 12.4 | 0.2 | 0.2 | 0.3 | 0.3 | 0.0 | 0.7 | 11.5 | 8.1 | 13.3 | 0.0 | 0.0 | 0.0 | 1.7 | 1.3 | 2.2 | 1.6 | 0.7 | 3.1 | 3.2 | 0.8 | 5.7 | | | |
| 4 | Region 15 | 5.9 | 2.6 | 9.4 | 3.1 | 0.4 | 6.3 | 9.0 | 7.0 | 12.2 | 0.2 | 0.1 | 0.4 | 0.7 | 0.0 | 1.2 | 9.9 | 8.3 | 12.4 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 1.8 | 1.0 | 0.0 | 1.5 | 0.6 | 0.0 | 1.1 | | | |
| 1 | Region 16 | 1.6 | 1.6 | 1.6 | 10.9 | 10.9 | 10.9 | 12.5 | 12.5 | 12.5 | 0.2 | 0.2 | 0.2 | 0.5 | 0.5 | 0.5 | 13.1 | 13.1 | 13.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | | | |
| 3 | Region 17 | 5.4 | 5.0 | 5.6 | 3.1 | 1.9 | 4.8 | 8.5 | 7.4 | 10.4 | 0.2 | 0.2 | 0.2 | 0.3 | 0.0 | 0.5 | 9.0 | 8.2 | 10.7 | 0.0 | 0.0 | 0.0 | 0.7 | 0.4 | 0.9 | 0.9 | 0.8 | 1.1 | 0.8 | 0.6 | 1.2 | | | |
| 2 | Region 18 | 8.2 | 7.4 | 9.0 | 1.8 | 0.8 | 2.7 | 10.0 | 8.2 | 11.8 | 0.3 | 0.2 | 0.3 | 0.6 | 0.0 | 1.1 | 10.8 | 8.4 | 13.2 | 0.0 | 0.0 | 0.0 | 1.0 | 0.9 | 1.1 | 1.6 | 1.2 | 2.1 | 2.5 | 2.3 | 2.6 | | | |
| 3 | Region 19 | 7.9 | 5.7 | 10.7 | 3.1 | 1.9 | 4.5 | 11.1 | 8.6 | 12.7 | 0.3 | 0.3 | 0.4 | 0.5 | 0.0 | 0.7 | 11.9 | 9.6 | 13.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.7 | 1.8 | 1.4 | 0.9 | 2.0 | 2.2 | 1.2 | 3.8 | | | |
| 2 | Region 20 | 7.7 | 7.4 | 8.0 | 2.3 | 1.5 | 3.2 | 10.0 | 8.9 | 11.1 | 0.4 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 | 10.4 | 9.2 | 11.6 | 0.0 | 0.0 | 0.0 | 0.9 | 0.8 | 1.0 | 1.3 | 1.2 | 1.3 | 3.2 | 3.0 | 3.3 | | | |
| 4 | Region 21 | 6.0 | 4.3 | 7.8 | 2.4 | 1.7 | 3.1 | 8.5 | 7.4 | 10.5 | 0.3 | 0.2 | 0.3 | 0.3 | 0.0 | 0.7 | 9.0 | 7.9 | 10.8 | 0.0 | 0.0 | 0.0 | 0.8 | 0.7 | 1.0 | 1.3 | 0.5 | 2.6 | 0.6 | 0.3 | 1.3 | | | |
| 3 | Region 22 | 7.1 | 5.9 | 9.4 | 2.6 | 1.5 | 4.5 | 9.7 | 7.6 | 10.9 | 0.2 | 0.2 | 0.3 | 0.0 | 0.0 | 0.0 | 9.9 | 7.9 | 11.1 | 0.0 | 0.0 | 0.0 | 1.1 | 0.7 | 1.6 | 1.1 | 1.0 | 1.2 | 0.8 | 0.6 | 1.0 | | | |
| 10 | Region 23 | 7.3 | 3.5 | 12.2 | 2.3 | 0.8 | 4.8 | 9.7 | 7.4 | 13.0 | 0.2 | 0.2 | 0.3 | 0.1 | 0.0 | 0.5 | 10.0 | 7.6 | 13.6 | 0.0 | 0.0 | 0.0 | 1.5 | 0.6 | 3.0 | 1.1 | 0.4 | 2.0 | 0.7 | 0.0 | 1.3 | | | |
| 1 | Region 24 | 4.8 | 4.8 | 4.8 | 1.6 | 1.6 | 1.6 | 6.5 | 6.5 | 6.5 | 0.3 | 0.3 | 0.3 | 3.5 | 3.5 | 3.5 | 10.3 | 10.3 | 10.3 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 0.8 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | | | |
| 4 | Region 26 | 4.4 | 4.0 | 4.9 | 3.0 | 2.2 | 3.4 | 7.4 | 7.1 | 8.1 | 0.2 | 0.2 | 0.3 | 0.6 | 0.4 | 1.0 | 8.3 | 7.8 | 8.7 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.8 | 0.7 | 0.3 | 1.2 | 0.4 | 0.0 | 0.6 | | | |
| 3 | Region 27 | 5.9 | 4.5 | 8.7 | 3.5 | 2.6 | 4.4 | 9.4 | 7.1 | 13.0 | 0.2 | 0.2 | 0.2 | 0.4 | 0.0 | 0.8 | 10.0 | 7.2 | 14.1 | 0.0 | 0.0 | 0.0 | 0.8 | 0.4 | 1.5 | 0.8 | 0.7 | 0.9 | 0.3 | 0.0 | 0.7 | | | |
| 10 | Region 28 | 4.8 | 1.4 | 7.5 | 3.3 | 2.0 | 7.3 | 8.2 | 5.9 | 11.5 | 0.2 | 0.2 | 0.3 | 0.9 | 0.4 | 2.5 | 9.3 | 8.0 | 12.1 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 1.0 | 0.5 | 0.0 | 1.3 | 0.4 | 0.0 | 0.7 | | | |
| 3 | Region 29 | 8.0 | 6.0 | 11.4 | 1.0 | 0.5 | 1.2 | 9.0 | 7.2 | 11.8 | 0.2 | 0.2 | 0.2 | 0.1 | 0.0 | 0.4 | 9.3 | 7.3 | 12.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.5 | 0.9 | 1.4 | 1.1 | 1.6 | 1.0 | 0.4 | 1.9 | | | |
| 9 | Region 30 | 6.6 | 2.3 | 9.6 | 1.9 | 0.5 | 3.6 | 8.5 | 5.7 | 11.8 | 0.2 | 0.2 | 0.3 | 0.5 | 0.0 | 2.9 | 9.2 | 7.8 | 12.1 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 1.6 | 1.5 | 0.0 | 2.5 | 0.5 | 0.0 | 1.3 | | | |
| 7 | Region 31 | 6.1 | 2.6 | 10.0 | 2.7 | 1.4 | 4.2 | 8.8 | 4.9 | 12.4 | 0.3 | 0.2 | 0.4 | 1.2 | 0.0 | 5.1 | 10.3 | 8.6 | 13.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0.3 | 1.1 | 1.2 | 0.7 | 1.4 | 0.7 | 0.0 | 1.7 | | | |
| 1 | Region 32 | 7.7 | 7.7 | 7.7 | 3.2 | 3.2 | 3.2 | 10.9 | 10.9 | 10.9 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 11.1 | 11.1 | 11.1 | 0.0 | 0.0 | 0.0 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 1.3 | 0.3 | 0.3 | 0.3 | | | |
| 3 | Region 34 | 5.2 | 4.2 | 6.6 | 3.4 | 1.7 | 5.3 | 8.6 | 8.0 | 9.6 | 0.2 | 0.2 | 0.3 | 0.3 | 0.0 | 0.5 | 9.1 | 8.6 | 9.9 | 0.0 | 0.0 | 0.0 | 0.7 | 0.4 | 1.1 | 1.2 | 1.0 | 1.4 | 0.8 | 0.7 | 0.9 | | | |
| 3 | Region 36 | 7.4 | 5.5 | 10.7 | 2.0 | 1.7 | 2.3 | 9.4 | 7.2 | 13.0 | 0.3 | 0.2 | 0.3 | 0.3 | 0.0 | 0.8 | 10.0 | 7.4 | 14.2 | 0.0 | 0.0 | 0.0 | 1.3 | 0.0 | 2.3 | 1.5 | 0.0 | 2.7 | 0.9 | 0.5 | 1.6 | | | |
| 86 | Ave WM2 | 6.5 | | | 2.6 | | | 9.0 | | | 0.2 | | | 0.6 | | | 9.8 | | | 0.0 | | | 1.0 | | | 1.1 | | | 0.9 | | | | | |
| | Min WM 2 | 1.4 | | | 0.4 | | | 4.9 | | | 0.1 | | | 0.0 | | | 7.2 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | | | |
| | Max WM 2 | 12.2 | | | 10.9 | | | 13.0 | | | 0.5 | | | 5.1 | | | 14.2 | | | 0.0 | | | 3.0 | | | 3.1 | | | 5.7 | | | | | |

TABLE 2: RSA GRADING OF WHITE MAIZE (2004/2005) (continue)

| Number of samples | Region | % Defective Kernels | | | | | | % Total defective | | | % Foreign matter | | | % Another Colour | | | % Total Deviation | | | % Pinked Kernels | | | % Diplodia Kernels | | | % Fusarium Kernels | | | % Cobrot Kernels | | | | | | | |
|--------------------|------------------------|---------------------|------|------|---------------------|------|------|-------------------|------|------|------------------|------|------|------------------|------|------|-------------------|------|------|------------------|------|------|--------------------|------|------|--------------------|------|------|------------------|------|------|------|------|------|--|--|
| | | Above 6.35 mm sieve | | | Below 6.35 mm sieve | | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | | |
| | | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | ave. | min. | max. | | |
| GRADE: WM 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Region 12 | 13.2 | 13.1 | 13.3 | 1.0 | 1.0 | 1.0 | 14.3 | 14.1 | 14.4 | 0.3 | 0.2 | 0.3 | 0.4 | 0.3 | 0.4 | 14.9 | 14.8 | 15.1 | 0.0 | 0.0 | 0.0 | 1.6 | 0.9 | 2.2 | 2.0 | 1.8 | 2.2 | 1.7 | 1.4 | 2.0 | | | | | |
| 2 | Region 13 | 13.8 | 12.1 | 15.5 | 2.3 | 2.1 | 2.5 | 16.1 | 14.3 | 18.0 | 0.2 | 0.2 | 0.3 | 0.2 | 0.0 | 0.3 | 16.5 | 14.9 | 18.2 | 0.0 | 0.0 | 0.0 | 1.3 | 0.8 | 1.7 | 2.5 | 1.3 | 3.7 | 3.8 | 2.4 | 5.1 | | | | | |
| 4 | Region 14 | 15.9 | 9.0 | 22.5 | 3.3 | 0.8 | 6.9 | 19.3 | 13.1 | 29.3 | 0.3 | 0.2 | 0.5 | 0.2 | 0.0 | 0.4 | 19.7 | 13.6 | 29.8 | 0.0 | 0.0 | 0.0 | 2.5 | 1.5 | 4.0 | 2.4 | 1.0 | 4.5 | 4.5 | 0.8 | 10.9 | | | | | |
| 1 | Region 15 | 12.6 | 12.6 | 12.6 | 0.8 | 0.8 | 0.8 | 13.4 | 13.4 | 13.4 | 0.4 | 0.4 | 0.4 | 0.7 | 0.7 | 0.7 | 14.5 | 14.5 | 14.5 | 0.0 | 0.0 | 0.0 | 2.1 | 2.1 | 2.1 | 1.6 | 1.6 | 1.6 | 0.9 | 0.9 | 0.9 | | | | | |
| 1 | Region 17 | 10.8 | 10.8 | 10.8 | 5.7 | 5.7 | 5.7 | 16.5 | 16.5 | 16.5 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 16.7 | 16.7 | 16.7 | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 0.9 | 2.6 | 2.6 | 2.6 | 2.2 | 2.2 | 2.2 | | | | | |
| 1 | Region 22 | 12.0 | 12.0 | 12.0 | 1.4 | 1.4 | 1.4 | 13.4 | 13.4 | 13.4 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 13.7 | 13.7 | 13.7 | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 1.4 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | | | | | |
| 5 | Region 23 | 13.2 | 11.5 | 17.3 | 1.6 | 0.7 | 2.0 | 14.8 | 13.5 | 18.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.0 | 0.6 | 15.3 | 14.2 | 18.3 | 0.0 | 0.0 | 0.0 | 3.0 | 1.3 | 4.3 | 1.6 | 0.6 | 2.2 | 1.1 | 0.0 | 2.0 | | | | | |
| 1 | Region 28 | 13.4 | 13.4 | 13.4 | 4.5 | 4.5 | 4.5 | 17.8 | 17.8 | 17.8 | 0.3 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 18.2 | 18.2 | 18.2 | 0.0 | 0.0 | 0.0 | 1.2 | 1.2 | 1.2 | 1.4 | 1.4 | 1.4 | 1.0 | 1.0 | 1.0 | | | | | |
| 1 | Region 29 | 3.0 | 3.0 | 3.0 | 16.4 | 16.4 | 16.4 | 19.4 | 19.4 | 19.4 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 19.6 | 19.6 | 19.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0.3 | 0.3 | 0.3 | | | | | |
| 1 | Region 30 | 11.3 | 11.3 | 11.3 | 2.5 | 2.5 | 2.5 | 13.8 | 13.8 | 13.8 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 14.4 | 14.4 | 14.4 | 0.0 | 0.0 | 0.0 | 1.9 | 1.9 | 1.9 | 1.3 | 1.3 | 1.3 | 0.5 | 0.5 | 0.5 | | | | | |
| 1 | Region 33 | 9.0 | 9.0 | 9.0 | 4.1 | 4.1 | 4.1 | 13.1 | 13.1 | 13.1 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 13.3 | 13.3 | 13.3 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | 1.5 | 1.8 | 1.8 | 1.8 | 0.3 | 0.3 | 0.3 | | | | | |
| 20 | Ave WM 3 | 12.8 | | | 3.2 | | | 16.0 | | | 0.3 | | | 0.2 | | | 16.4 | | | 0.0 | | | 2.0 | | | 1.9 | | | 2.1 | | | | | | | |
| | Min WM 3 | 3.0 | | | 0.7 | | | 13.1 | | | 0.2 | | | 0.0 | | | 13.3 | | | 0.0 | | | 0.0 | | | 0.6 | | | 0.0 | | | | | | | |
| | Max WM 3 | 22.5 | | | 16.4 | | | 29.3 | | | 0.5 | | | 0.7 | | | 29.8 | | | 0.0 | | | 4.3 | | | 4.5 | | | 10.9 | | | | | | | |
| GRADE: COM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Region 14 | 28.5 | 28.5 | 28.5 | 1.7 | 1.7 | 1.7 | 30.3 | 30.3 | 30.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.5 | 0.5 | 31.1 | 31.1 | 31.1 | 0.0 | 0.0 | 0.0 | 2.4 | 2.4 | 2.4 | 0.0 | 0.0 | 0.0 | 9.5 | 9.5 | 9.5 | | | | | |
| 1 | Region 29 | 4.4 | 4.4 | 4.4 | 0.4 | 0.4 | 0.4 | 4.8 | 4.8 | 4.8 | 0.3 | 0.3 | 0.3 | 12.3 | 12.3 | 12.3 | 17.3 | 17.3 | 17.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 0.4 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | | | | | |
| 2 | Ave COM | 16.5 | | | 1.0 | | | 17.5 | | | 0.3 | | | 6.4 | | | 24.2 | | | 0.0 | | | 1.4 | | | 0.4 | | | 5.1 | | | | | | | |
| | Min COM | 4.4 | | | 0.4 | | | 4.8 | | | 0.3 | | | 0.5 | | | 17.3 | | | 0.0 | | | 0.4 | | | 0.0 | | | 0.8 | | | | | | | |
| | Max COM | 28.5 | | | 1.7 | | | 30.3 | | | 0.3 | | | 12.3 | | | 31.1 | | | 0.0 | | | 2.4 | | | 0.7 | | | 9.5 | | | | | | | |
| 601 | Ave white maize | 3.5 | | | 1.9 | | | 5.4 | | | 0.2 | | | 0.3 | | | 5.9 | | | 0.0 | | | 0.4 | | | 0.5 | | | 0.4 | | | | | | | |
| | Min white maize | 0.5 | | | 0.1 | | | 1.1 | | | 0.0 | | | 0.0 | | | 1.3 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | | | | | |
| | Max white maize | 28.5 | | | 16.4 | | | 30.3 | | | 0.5 | | | 12.3 | | | 31.1 | | | 0.1 | | | 4.3 | | | 4.5 | | | 10.9 | | | | | | | |
| 1000 | Ave maize | 3.7 | | | 2.1 | | | 5.8 | | | 0.2 | | | 0.2 | | | 6.2 | | | 0.1 | | | 0.4 | | | 0.5 | | | 0.4 | | | | | | | |
| | Min maize | 0.5 | | | 0.1 | | | 1.0 | | | 0.0 | | | 0.0 | | | 1.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | 0.0 | | | | | | | |
| | Max maize | 28.5 | | | 16.4 | | | 30.3 | | | 0.6 | | | 12.3 | | | 31.5 | | | 2.3 | | | 5.1 | | | 4.5 | | | 10.9 | | | | | | | |