

**TABLE 3: RSA GRADING OF WHITE MAIZE (2014/2015)**

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Combined Deviations		% Pinked Kernels		% Diplodia Kernels		% Fusarium Kernels		% Cobrot Kernels												
		Above 6.35 mm sieve		Below 6.35 mm sieve		ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.											
		ave.	min.	max.	ave.																	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
<b>GRADE: WM1</b>																																
3	Region 11	1.7	1.2	2.2	1.5	1.1	2.0	3.2	2.7	4.2	0.1	0.0	0.3	0.4	0.0	1.2	3.7	3.0	4.3	0.0	0.0	0.0	0.4	0.0	0.7	0.3	0.0	0.5	0.7	0.0	1.2	
11	Region 12	2.1	1.6	3.0	1.8	1.2	3.3	3.9	2.8	5.5	0.1	0.0	0.2	0.2	0.0	0.9	4.2	3.1	5.7	0.1	0.0	0.5	0.4	0.0	0.8	0.6	0.0	1.0	1.0	0.0	1.7	
27	Region 13	2.1	0.6	3.6	2.3	1.3	4.2	4.4	2.3	6.7	0.1	0.0	0.3	0.4	0.0	2.6	4.9	2.5	7.4	0.1	0.0	1.1	0.4	0.0	1.1	0.6	0.0	1.3	1.0	0.0	2.1	
29	Region 14	2.4	0.9	4.0	1.8	0.3	3.3	4.1	1.3	6.6	0.1	0.0	0.3	0.2	0.0	0.9	4.5	1.3	7.4	0.0	0.0	0.6	0.5	0.0	1.5	0.7	0.0	1.5	1.2	0.0	2.2	
3	Region 15	1.9	0.6	3.9	0.9	0.1	2.0	2.8	0.7	5.9	0.1	0.0	0.1	0.1	0.0	0.4	3.0	0.7	6.0	0.0	0.0	0.0	0.6	0.0	1.4	0.2	0.0	0.7	0.8	0.0	2.1	
5	Region 16	2.6	1.2	6.7	1.4	0.2	2.6	4.0	2.5	6.8	0.1	0.0	0.1	0.2	0.0	0.6	4.3	2.6	6.8	0.0	0.0	0.0	0.5	0.0	1.3	0.7	0.0	2.2	1.2	0.0	3.5	
34	Region 17	1.7	0.9	2.6	2.1	0.8	4.6	3.7	2.0	6.8	0.1	0.0	0.2	0.2	0.0	1.2	4.1	2.2	7.0	0.0	0.0	0.0	0.3	0.0	1.0	0.5	0.0	1.1	0.8	0.0	1.5	
5	Region 18	3.3	2.3	4.0	1.9	1.6	2.3	5.2	3.9	6.3	0.1	0.0	0.1	0.5	0.0	1.9	5.7	4.0	7.2	0.0	0.0	0.0	0.8	0.6	1.0	1.2	0.5	2.3	1.9	1.3	3.0	
29	Region 19	2.2	1.1	3.8	1.8	0.3	4.3	4.0	2.6	6.7	0.1	0.0	0.3	0.2	0.0	1.0	4.4	3.2	7.0	0.0	0.0	0.5	0.4	0.0	1.0	0.6	0.0	1.3	1.0	0.0	1.9	
19	Region 20	2.6	1.9	4.7	1.8	0.8	3.3	4.3	3.2	7.0	0.1	0.0	0.2	0.3	0.0	2.1	4.7	3.2	7.9	0.3	0.0	1.5	0.6	0.0	1.6	0.7	0.4	1.3	1.3	0.4	2.3	
16	Region 21	2.0	1.0	4.0	2.0	1.2	4.8	4.0	2.4	6.6	0.1	0.0	0.3	0.2	0.0	1.2	4.3	2.5	7.3	0.0	0.0	0.0	0.4	0.0	1.0	0.3	0.0	0.8	0.7	0.0	1.8	
10	Region 22	2.8	1.5	4.4	1.4	1.0	1.9	4.2	3.2	5.7	0.1	0.0	0.2	0.2	0.0	0.9	4.6	3.4	6.0	0.2	0.0	1.5	0.6	0.0	1.4	0.6	0.0	1.4	1.1	0.0	2.4	
13	Region 23	3.5	2.1	5.1	1.3	1.0	1.6	4.8	3.4	6.3	0.1	0.0	0.2	0.4	0.0	1.1	5.2	3.4	7.0	0.3	0.0	1.1	0.8	0.5	1.4	0.9	0.4	1.5	1.7	0.6	2.8	
6	Region 24	2.4	1.4	3.7	2.0	0.8	4.9	4.4	2.2	6.7	0.1	0.0	0.2	0.3	0.0	1.0	4.7	2.8	6.9	0.2	0.0	0.5	0.6	0.4	1.4	0.7	0.4	1.3	1.4	0.8	2.2	
4	Region 25	2.0	1.6	2.8	2.1	0.6	3.3	4.1	2.2	4.9	0.1	0.0	0.1	0.3	0.0	0.9	4.4	2.2	5.4	0.3	0.0	1.3	0.3	0.0	0.8	0.3	0.0	0.6	0.6	0.0	1.3	
6	Region 26	2.8	1.3	3.7	1.5	0.7	2.3	4.3	2.2	5.3	0.1	0.0	0.2	0.9	0.0	1.6	5.3	2.6	6.5	0.1	0.0	0.4	0.6	0.0	0.9	0.8	0.0	1.4	1.4	0.0	2.2	
1	Region 27	2.4	-	-	0.8	-	-	3.1	-	-	0.0	-	-	0.5	-	-	3.6	-	-	0.0	-	-	0.8	-	-	0.0	-	0.0	-	0.8	-	-
13	Region 28	2.3	0.0	5.5	1.5	0.0	4.3	3.8	0.0	6.7	0.1	0.0	0.3	0.4	0.0	0.9	4.2	0.0	7.7	0.5	0.0	2.3	0.5	0.0	1.3	0.5	0.0	1.7	1.2	0.0	3.8	
16	Region 29	2.5	1.3	4.8	1.2	0.0	2.5	3.7	2.2	6.0	0.1	0.0	0.1	0.4	0.0	0.9	4.1	2.2	7.0	0.0	0.0	0.0	0.5	0.0	1.0	0.6	0.0	1.9	1.0	0.0	2.9	
26	Region 30	1.9	0.7	3.6	1.5	0.5	4.1	3.4	2.0	5.4	0.1	0.0	0.3	0.3	0.0	1.2	3.9	2.0	7.1	0.0	0.0	0.5	0.4	0.0	1.3	0.4	0.0	0.8	0.8	0.0	2.0	
18	Region 31	2.3	1.1	3.3	1.9	0.4	3.5	4.1	3.2	4.7	0.1	0.0	0.3	0.5	0.0	1.5	4.7	3.3	6.1	0.1	0.0	1.3	0.3	0.0	0.5	0.7	0.0	1.1	1.0	0.0	1.5	
13	Region 32	1.5	1.0	2.6	1.9	0.8	3.1	3.4	2.0	4.4	0.1	0.0	0.3	0.5	0.0	2.2	4.0	2.0	5.4	0.1	0.0	0.6	0.2	0.0	0.9	0.4	0.0	0.6	0.6	0.0	1.4	
37	Region 33	2.3	1.0	5.0	1.5	0.3	3.2	3.8	1.6	6.8	0.1	0.0	0.3	0.4	0.0	2.0	4.3	1.6	7.5	0.3	0.0	1.6	0.6	0.0	1.3	0.6	0.0	1.7	1.2	0.0	3.0	
34	Region 34	2.4	1.2	4.7	1.9	0.7	3.4	4.3	2.5	6.8	0.1	0.0	0.3	0.4	0.0	1.5	4.8	2.5	7.3	0.1	0.0	1.2	0.6	0.0	1.7	0.6	0.0	1.5	1.2	0.0	2.7	
4	Region 35	2.2	0.9	3.3	2.2	1.1	3.7	4.4	2.0	6.9	0.1	0.0	0.3	0.0	0.0	0.0	4.5	2.0	7.1	0.0	0.0	0.0	0.3	0.0	0.8	0.5	0.0	0.8	0.8	0.0	1.5	
20	Region 36	2.8	1.7	5.1	1.1	0.2	2.2	3.9	2.3	6.3	0.0	0.0	0.1	0.2	0.0	0.9	4.1	2.9	6.3	0.0	0.0	0.0	0.7	0.4	1.8	0.7	0.4	1.1	1.4	0.7	2.9	
<b>402</b>	<b>Ave. WM1</b>	<b>2.3</b>	<b>0.0</b>	<b>6.7</b>	<b>1.7</b>	<b>0.0</b>	<b>4.9</b>	<b>4.0</b>	<b>0.0</b>	<b>7.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>2.6</b>	<b>4.4</b>	<b>0.0</b>	<b>7.9</b>	<b>0.1</b>	<b>0.0</b>	<b>2.3</b>	<b>0.5</b>	<b>0.0</b>	<b>1.8</b>	<b>0.6</b>	<b>0.0</b>	<b>1.1</b>	<b>1.1</b>	<b>0.0</b>	<b>3.8</b>	
	<b>Min. WM1</b>	<b>0.0</b>	<b>0.0</b>	<b>6.7</b>	<b>0.0</b>	<b>0.0</b>	<b>4.9</b>	<b>0.0</b>	<b>0.0</b>	<b>7.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>2.6</b>	<b>0.0</b>	<b>0.0</b>	<b>7.9</b>	<b>0.0</b>	<b>0.0</b>	<b>2.3</b>	<b>0.0</b>	<b>0.0</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.8</b>	
	<b>Max. WM1</b>	<b>2.3</b>	<b>0.0</b>	<b>6.7</b>	<b>1.7</b>	<b>0.0</b>	<b>4.9</b>	<b>4.0</b>	<b>0.0</b>	<b>7.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.0</b>	<b>2.6</b>	<b>4.4</b>	<b>0.0</b>	<b>7.9</b>	<b>0.1</b>	<b>0.0</b>	<b>2.3</b>	<b>0.5</b>	<b>0.0</b>	<b>1.8</b>	<b>0.6</b>	<b>0.0</b>	<b>1.1</b>	<b>1.1</b>	<b>0.0</b>	<b>3.8</b>	

**TABLE 3: RSA GRADING OF WHITE MAIZE (2014/2015) (continue)**

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Combined Deviations		% Pinked Kernels		% Diplodia Kernels		% Fusarium Kernels		% Cobrot Kernels												
		Above 6.35 mm sieve		Below 6.35 mm sieve		ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.											
		ave.	min.	max.	ave.																	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
<b>GRADE: WM2</b>																																
4	Region 12	4.2	1.8	8.4	5.0	2.5	7.6	9.2	7.0	10.9	0.2	0.2	0.3	0.4	0.0	1.0	9.8	8.3	11.2	0.2	0.0	0.6	1.0	0.0	2.8	1.1	0.0	2.0	2.2	0.0	4.8	
3	Region 13	3.7	3.1	4.4	4.6	3.6	5.5	8.2	7.2	9.9	0.2	0.2	0.2	0.5	0.0	0.9	9.0	7.4	10.9	0.2	0.0	0.5	1.0	0.7	1.2	1.1	0.7	1.4	2.0	1.9	2.4	
1	Region 14	2.5	-	-	4.4	-	-	6.8	-	-	0.1	-	-	1.4	-	-	8.3	-	-	0.0	-	-	0.5	-	-	0.9	-	-	1.4	-	-	
1	Region 17	4.7	-	-	2.7	-	-	7.4	-	-	0.2	-	-	1.0	-	-	8.6	-	-	0.0	-	-	1.5	-	-	1.0	-	-	2.4	-	-	
4	Region 18	4.8	3.7	6.7	3.7	2.4	4.7	8.5	7.4	9.9	0.3	0.2	0.3	0.6	0.4	1.2	9.4	8.0	10.6	0.3	0.0	0.8	1.0	0.8	1.4	2.2	1.3	3.7	3.2	2.0	5.1	
3	Region 19	4.3	2.9	5.0	4.9	3.1	6.5	9.2	8.1	10.2	0.2	0.2	0.3	1.1	0.8	1.5	10.6	9.5	11.2	0.0	0.0	0.0	0.8	0.4	1.1	1.6	0.4	2.6	2.4	0.8	3.4	
3	Region 20	4.2	1.2	5.9	3.2	1.3	6.0	7.4	7.2	7.8	0.1	0.0	0.3	0.3	0.0	0.5	7.9	7.5	8.5	0.3	0.0	1.0	1.3	0.0	2.9	1.5	0.0	3.4	2.8	0.0	4.4	
3	Region 21	4.9	1.8	9.3	4.5	3.2	6.2	9.4	7.8	12.5	0.3	0.2	0.5	0.4	0.0	0.8	10.2	7.9	13.6	0.4	0.0	1.1	1.0	0.5	1.9	2.1	0.5	4.7	3.2	1.0	6.6	
4	Region 22	7.9	6.7	9.2	3.4	2.6	4.4	11.3	9.3	12.6	0.3	0.2	0.5	0.1	0.0	0.5	11.7	9.5	13.1	0.7	0.0	1.1	2.1	1.7	2.6	2.4	1.2	3.8	4.2	1.7	6.0	
4	Region 23	5.9	4.5	6.9	3.3	1.1	5.4	9.2	7.4	11.6	0.1	0.0	0.2	0.4	0.0	0.7	9.8	7.6	12.1	0.0	0.0	0.0	1.5	1.3	1.7	2.2	1.5	2.8	3.6	2.9	4.5	
1	Region 24	4.0	-	-	3.8	-	-	7.9	-	-	0.1	-	-	1.2	-	-	9.2	-	-	0.8	-	-	1.0	-	-	1.0	-	-	2.0	-	-	-
3	Region 25	5.2	4.6	5.9	3.3	3.0	3.5	8.5	8.1	9.2	0.1	0.0	0.2	0.3	0.0	0.5	8.9	8.6	9.4	0.0	0.0	0.0	1.3	0.8	2.0	1.4	1.2	1.7	2.7	1.9	3.3	
2	Region 26	4.9	4.6	5.2	2.3	2.2	2.4	7.2	6.8	7.6	0.2	0.2	0.2	1.0	0.4	1.6	8.4	8.2	8.6	0.7	0.0	1.5	1.1	0.9	1.2	1.7	1.6	1.8	2.8	2.7	2.8	
4	Region 28	7.5	5.7	9.6	1.9	1.3	3.1	9.3	7.5	10.9	0.1	0.1	0.2	0.8	0.0	1.5	10.3	8.7	12.0	0.0	0.0	0.0	1.6	1.2	2.2	2.8	1.9	3.7	2.7	1.3	5.0	
4	Region 29	6.2	3.2	8.2	3.4	1.1	5.7	9.6	6.5	12.8	0.2	0.1	0.2	0.9	0.5	1.8	10.7	8.2	13.6	0.0	0.0	0.0	1.3	0.7	2.0	1.8	0.4	5.0	3.1	1.9	6.1	
2	Region 30	7.5	6.5	8.5	0.5	0.5	0.6	8.0	7.1	9.0	0.1	0.0	0.2	0.2	0.0	0.5	8.4	7.7	9.0	0.0	0.0	0.0	1.8	1.5	2.0	2.2	1.7	2.8	1.8	1.5	2.0	
2	Region 31	1.4	1.3	1.6	6.5	5.0	7.9	7.9	6.6	9.2	0.2	0.2	0.3	2.6	1.3	3.9	10.7	10.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	1.4	0.5	2.4	
3	Region 32	8.5	7.4	10.0	1.9	1.5	2.4	10.4	9.7	11.8	0.1	0.0	0.2	0.7	0.5	0.9	11.2	10.4	12.6	0.0	0.0	0.0	1.9	1.7	2.1	3.3	3.1	3.5	5.2	4.7	5.7	
2	Region 33	3.4	2.7	4.2	4.2	3.3	5.0	7.6	7.5	7.7	0.2	0.1	0.3	0.7	0.0	1.5	8.5	7.8	9.3	0.9	0.0	1.7	0.8	0.4	1.3	1.2	0.9	1.6	2.0	1.2	2.8	
2	Region 34	3.2	1.6	4.8	4.5	3.0	6.1	7.7	7.7	7.7	0.1	0.1	0.1	0.6	0.5	0.6	8.4	8.3	8.5	0.0	0.0	0.0	1.0	0.5	1.5	0.7	0.0	1.4	1.7	0.5	3.0	
1	Region 35	3.2	-	-	4.2	-	-	7.4	-	-	0.1	-	-	0.5	-	-	8.0	-	-	0.0	-	-	1.0	-	-	0.5	-	-	1.5	-	-	
3	Region 36	5.3	4.6	5.7	1.6	1.4	2.1	7.0	6.7	7.2	0.1	0.0	0.1	0.8	0.0	1.5	7.8	7.2	8.3	0.0	0.0	0.0	1.2	1.1	1.2	2.1	1.9	2.2	3.2	3.0	3.4	
<b>59</b>	<b>Ave. WM2</b>	<b>5.3</b>			<b>3.5</b>			<b>8.7</b>			<b>0.2</b>			<b>0.7</b>			<b>9.6</b>			<b>0.2</b>			<b>1.2</b>			<b>1.8</b>			<b>2.8</b>			
	<b>Min. WM2</b>	<b>1.2</b>			<b>0.5</b>			<b>6.5</b>			<b>0.0</b>			<b>0.0</b>			<b>7.2</b>			<b>0.0</b>			<b>0.0</b>			<b>0.0</b>			<b>0.0</b>			
	<b>Max. WM2</b>				<b>7.9</b>			<b>12.8</b>			<b>0.5</b>			<b>3.9</b>			<b>13.6</b>			<b>1.7</b>			<b>2.9</b>			<b>5.0</b>			<b>6.6</b>			
<b>GRADE: WM3</b>																																
2	Region 13	11.7	11.4	12.0	4.0	3.6	4.5	15.7	14.9	16.4	0.2	0.2	0.2	0.2	0.0	0.4	16.1	15.2	17.0	0.2	0.0	0.0	1.8	1.5	2.1	6.8	5.7	8.0	8.7	7.8	9.5	
1	Region 14	3.1	-	-	10.3	-	-	13.4	-	-	0.3	-	-	1.0	-	-	14.6	-	-	0.5	-	-	0.8	-	-	0.8	-	-	1.6	-	-	
2	Region 17	18.6	17.8	19.4	4.3	4.1	4.6	22.9	22.4	23.5	0.3	0.2	0.3	0.2	0.0	0.4	23.4	22.7	24.0	0.0	0.0	0.0	6.3	5.9	6.7	3.1	2.0	4.2	9.5	8.0	11.0	

**TABLE 3: RSA GRADING OF WHITE MAIZE (2014/2015) (continue)**

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Combined Deviations		% Pinked Kernels		% Diplodia Kernels		% Fusarium Kernels		% Cobrot Kernels	
		Above 6.35 mm sieve		Below 6.35 mm sieve		ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.
		min.	max.	min.	max.																
<b>GRADE: WM3</b>																					
1	Region 18	11.5	-	3.4	-	14.8	-	0.1	-	0.4	-	15.3	-	0.0	-	2.7	-	3.7	-	6.3	-
1	Region 19	12.3	-	13.0	-	25.3	-	0.3	-	3.1	-	28.7	-	0.5	-	2.9	-	4.1	-	7.0	-
2	Region 20	13.1	12.0	14.1	3.0	15.4	13.6	17.2	0.2	0.1	0.2	15.8	14.3	17.4	0.3	0.0	0.6	1.5	0.9	2.1	3.0
1	Region 21	2.5	-	14.6	-	17.1	-	0.2	-	2.1	-	19.4	-	0.0	-	0.5	-	1.0	-	1.5	-
1	Region 24	10.1	-	4.5	-	14.6	-	0.1	-	0.6	-	15.3	-	0.0	-	4.0	-	2.1	-	6.1	-
2	Region 25	9.5	8.1	11.0	3.4	12.9	8.1	3.4	0.3	0.3	0.3	18.2	15.1	21.3	0.0	0.0	0.0	1.6	1.3	1.8	1.9
1	Region 28	20.1	-	2.2	-	22.4	-	0.5	-	1.0	-	23.9	-	1.2	-	2.4	-	12.8	-	15.2	-
1	Region 29	11.3	-	3.3	-	14.6	-	0.1	-	0.5	-	15.2	-	0.0	-	2.5	-	3.8	-	3.8	-
1	Region 30	1.2	-	0.2	-	1.5	-	0.0	-	9.6	-	11.0	-	0.0	-	0.0	-	0.0	-	0.0	-
1	Region 33	13.3	-	0.8	-	14.1	-	0.2	-	1.7	-	16.0	-	0.0	-	3.1	-	5.8	-	8.8	-
2	Region 34	9.9	9.0	10.9	5.1	4.6	5.6	16.5	0.3	0.3	0.3	16.0	14.5	17.5	0.0	0.0	0.0	2.3	1.4	3.1	7.3
19	Ave. WM3	11.1		5.3		16.4		0.2		1.2		17.8		0.2		2.4		3.8		6.1	
	Min. WM3	1.2		0.2		1.5		0.0		0.0		11.0		0.0		0.0		0.0		0.0	
	Max. WM3	20.1		14.6		25.3		0.5		9.6		28.7		1.2		6.7		12.8		15.2	
<b>CLASS: COM</b>																					
1	Region 13	30.0	-	3.0	-	33.0	-	0.2	-	0.0	-	33.3	-	0.0	-	4.5	-	7.3	-	11.8	-
1	Region 19	18.2	-	12.6	-	30.8	-	0.5	-	4.0	-	35.3	-	0.0	-	8.4	-	4.9	-	13.3	-
1	Region 21	2.7	-	2.8	-	5.5	-	0.9	-	0.8	-	7.2	-	0.0	-	0.6	-	0.5	-	1.2	-
1	Region 30	2.8	-	25.5	-	28.3	-	0.1	-	4.3	-	32.7	-	0.0	-	0.4	-	0.5	-	0.9	-
1	Region 33	4.1	-	5.0	-	9.1	-	1.2	-	0.5	-	10.8	-	0.0	-	1.4	-	1.0	-	2.4	-
5	Ave. COM	11.6		9.8		21.3		0.6		1.9		23.9		0.0		3.1		2.9		5.9	
	Min. COM	2.7		2.8		5.5		0.1		0.0		7.2		0.0		0.4		0.5		0.9	
	Max. COM	30.0		25.5		33.0		1.2		4.3		35.3		0.0		8.4		7.3		13.3	
485	Ave. white maize	3.1		2.2		5.3		0.1		0.4		5.8		0.1		0.7		0.9		1.5	
	Min. white maize	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	Max. white maize	30.0		25.5		33.0		1.2		9.6		35.3		2.3		8.4		12.8		15.2	
1000	Ave. maize	3.1		2.5		5.6		0.1		0.3		6.0		0.0		0.7		0.9		1.5	
	Min. maize	0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	
	Max. maize	30.0		25.5		33.1		2.5		13.6		35.3		2.3		8.4		13.6		16.0	