

TABLE 2: RSA GRADING OF WHITE MAIZE (2009/2010)

Number of samples	Region	% Defective Kernels						% Total defective		% Foreign matter		% Other 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.			
GRADE: WM 1																												
1	Region 11	2.8	2.8	2.8	1.2	1.2	1.2	4.0	4.0	4.0	0.2	0.2	0.2	4.2	4.2	4.2	0.0	0.0	0.0	0.2	0.2	0.2	0.5	0.5	0.5	0.2	0.2	0.2
8	Region 12	3.9	2.3	5.5	1.1	0.4	1.7	5.0	3.4	6.6	0.2	0.1	0.2	5.3	3.5	8.0	0.0	0.0	0.0	1.2	0.4	2.3	0.7	0.2	1.1	0.1	0.0	0.4
6	Region 13	3.7	3.3	4.3	1.4	0.5	2.1	5.1	4.1	6.0	0.1	0.1	0.2	5.3	4.2	6.2	0.0	0.0	0.0	1.2	0.9	1.5	0.5	0.4	0.7	0.0	0.0	0.2
11	Region 14	3.1	1.8	4.2	0.9	0.2	1.7	4.0	2.1	5.9	0.1	0.0	0.2	4.2	2.1	6.1	0.0	0.0	0.0	0.7	0.0	1.7	0.3	0.0	0.8	0.2	0.0	0.6
13	Region 15	3.7	1.0	5.5	1.4	0.4	3.2	5.1	1.3	6.2	0.2	0.0	0.2	5.3	1.4	6.5	0.0	0.0	0.0	0.9	0.0	1.4	0.4	0.0	1.2	0.2	0.0	0.7
18	Region 16	3.7	2.5	5.4	1.1	0.5	2.6	4.8	3.0	6.4	0.1	0.0	0.3	5.0	3.0	6.8	0.0	0.0	0.0	1.0	0.6	1.7	0.4	0.0	0.8	0.1	0.0	0.8
10	Region 17	3.7	2.5	4.8	1.2	0.3	1.7	4.9	3.5	6.4	0.2	0.1	0.3	5.2	3.9	6.9	0.0	0.0	0.0	1.0	0.0	1.7	0.7	0.2	0.9	0.1	0.0	0.5
8	Region 18	3.3	2.0	4.1	1.1	0.2	1.9	4.3	2.2	5.6	0.1	0.1	0.2	4.6	2.3	6.4	0.0	0.0	0.0	0.9	0.0	1.7	0.6	0.3	1.1	0.1	0.0	0.2
5	Region 19	3.5	2.8	4.0	1.4	0.8	2.3	4.9	4.7	5.1	0.1	0.1	0.2	5.1	4.8	5.5	0.0	0.0	0.0	1.2	0.6	1.7	0.5	0.4	0.6	0.0	0.0	0.2
5	Region 20	4.4	3.9	5.3	1.2	0.3	2.0	5.6	4.7	6.3	0.1	0.0	0.1	5.8	4.8	6.6	0.0	0.0	0.0	1.6	1.3	1.8	0.8	0.5	0.9	0.1	0.0	0.5
25	Region 21	3.2	1.5	5.9	1.4	0.5	3.0	4.6	3.2	6.9	0.1	0.0	0.2	5.0	3.3	7.6	0.0	0.0	0.0	0.7	0.0	2.2	0.7	0.2	1.0	0.1	0.0	0.5
6	Region 22	4.3	3.8	4.7	1.0	0.5	1.9	5.3	4.5	6.2	0.1	0.1	0.2	5.6	5.0	6.5	0.0	0.0	0.0	1.3	0.9	1.7	0.8	0.4	1.3	0.2	0.0	0.6
21	Region 23	3.8	2.2	5.8	1.2	0.2	2.8	5.0	2.4	6.9	0.2	0.1	0.2	5.2	2.6	7.0	0.0	0.0	0.0	1.0	0.0	2.0	0.8	0.4	1.5	0.1	0.0	0.6
20	Region 24	3.6	1.7	5.7	1.6	0.6	3.9	5.2	2.6	7.0	0.1	0.0	0.2	5.4	2.7	7.4	0.0	0.0	0.0	0.8	0.2	1.7	0.6	0.2	1.2	0.1	0.0	0.4
14	Region 25	3.7	2.2	5.5	1.4	0.3	2.5	5.1	3.4	6.5	0.1	0.0	0.2	5.3	3.4	6.7	0.0	0.0	0.0	1.0	0.5	1.7	0.7	0.3	1.3	0.2	0.0	1.3
12	Region 26	3.2	1.7	6.4	1.3	0.2	2.7	4.2	2.5	6.6	0.2	0.0	0.3	4.6	2.7	7.6	0.0	0.0	0.0	0.9	0.4	1.3	0.5	0.0	0.8	0.1	0.0	0.4
2	Region 27	3.2	2.8	3.7	1.8	0.7	2.9	5.0	4.4	5.7	0.1	0.1	0.1	5.3	4.5	6.0	0.0	0.0	0.0	0.6	0.0	1.3	0.8	0.4	1.1	0.0	0.0	0.0
25	Region 28	3.1	1.7	5.0	1.2	0.4	2.0	4.3	2.9	6.5	0.1	0.0	0.2	4.6	3.0	6.9	0.0	0.0	0.0	0.9	0.3	1.6	0.5	0.0	1.0	0.2	0.0	0.6
26	Region 29	3.0	1.7	5.5	1.4	0.9	2.8	4.4	2.9	6.5	0.1	0.0	0.3	4.7	3.0	7.2	0.0	0.0	0.0	0.9	0.4	1.8	0.6	0.2	1.1	0.1	0.0	1.4
14	Region 30	2.5	1.2	3.4	1.2	0.5	1.9	3.6	1.7	5.1	0.1	0.0	0.1	3.8	1.8	5.6	0.0	0.0	0.0	0.6	0.0	1.3	0.5	0.0	0.9	0.0	0.0	0.2
5	Region 31	3.9	3.0	5.2	1.4	1.1	1.6	5.3	4.2	6.8	0.1	0.1	0.1	5.7	4.7	7.3	0.0	0.0	0.0	1.3	0.8	1.7	0.7	0.6	0.8	0.1	0.0	0.2
17	Region 32	3.9	2.0	5.7	1.2	0.3	2.4	5.0	3.7	6.4	0.1	0.0	0.1	5.1	3.7	6.5	0.0	0.0	0.0	1.2	0.0	2.1	0.7	0.2	1.3	0.0	0.0	0.2
3	Region 33	3.7	2.5	5.8	1.1	1.0	1.3	4.8	3.6	7.0	0.1	0.1	0.2	5.1	3.7	7.6	0.0	0.0	0.0	1.2	0.8	1.8	0.6	0.4	0.9	0.1	0.0	0.2
10	Region 34	3.5	2.4	4.6	1.2	0.8	1.6	4.7	3.5	5.9	0.1	0.1	0.2	4.9	3.6	6.4	0.0	0.0	0.0	1.1	0.7	1.3	0.6	0.0	1.1	0.0	0.0	0.2
7	Region 35	2.4	1.8	4.6	1.8	0.3	3.7	4.2	2.6	5.5	0.1	0.0	0.2	4.5	2.6	6.6	0.0	0.0	0.0	0.5	0.2	1.0	0.4	0.3	0.4	0.0	0.0	0.2
15	Region 36	3.0	2.2	3.8	1.3	0.8	1.6	4.3	3.6	5.4	0.1	0.1	0.2	4.6	3.6	6.1	0.0	0.0	0.0	1.0	0.2	1.6	0.6	0.4	0.9	0.0	0.0	0.0
307	Ave WM 1	3.4			1.3			4.7			0.1			4.9			0.0			0.9			0.6			0.1		
	Min WM 1	1.0			0.2			1.3			0.0			1.4			0.0			0.0			0.0			0.0		
	Max WM 1	6.4			3.9			7.0			0.3			8.0			0.0			2.3			1.5			1.4		

TABLE 2: RSA GRADING OF WHITE MAIZE (2009/2010)

Number of samples	Region	% Defective Kernels						% Total defective		% Foreign matter		% Other 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.						
GRADE: WM 2																															
1	Region 11	5.8	5.8	5.8	1.6	1.6	1.6	7.4	7.4	7.4	0.2	0.2	0.2	0.5	0.5	0.5	8.1	8.1	8.1	0.0	0.0	0.0	0.5	0.5	0.5	1.1	1.1	1.1	0.2	0.2	0.2
1	Region 12	7.6	7.6	7.6	1.0	1.0	1.0	8.6	8.6	8.6	0.1	0.1	0.1	0.7	0.7	0.7	9.4	9.4	9.4	0.0	0.0	0.0	2.6	2.6	2.6	1.3	1.3	1.3	0.4	0.4	0.4
2	Region 13	7.9	4.9	10.9	2.5	0.4	4.6	10.4	9.6	11.3	0.2	0.1	0.2	0.2	0.0	0.4	10.8	9.8	11.9	0.0	0.0	0.0	2.6	1.3	3.8	0.9	0.4	1.3	0.1	0.0	0.2
7	Region 14	7.6	4.2	10.2	1.1	0.5	2.1	9.0	7.5	11.4	0.1	0.0	0.2	0.2	0.0	0.5	9.3	7.7	11.9	0.0	0.0	0.0	2.2	1.4	3.0	1.2	0.7	1.4	0.6	0.2	1.3
6	Region 15	6.3	5.3	7.4	1.6	1.1	2.4	7.9	7.5	8.6	0.1	0.1	0.2	0.1	0.0	0.2	8.2	7.7	9.0	0.0	0.0	0.0	1.8	1.0	2.4	1.0	0.8	1.2	0.3	0.0	0.7
4	Region 16	6.7	5.4	8.9	1.5	0.8	2.0	8.2	7.4	9.7	0.1	0.0	0.2	0.2	0.0	0.2	8.5	7.8	10.1	0.0	0.0	0.0	2.1	1.6	3.3	0.7	0.4	1.2	0.2	0.0	0.4
3	Region 17	9.2	8.0	9.9	0.8	0.3	1.2	10.1	9.2	10.9	0.1	0.1	0.2	0.1	0.0	0.2	10.2	9.5	11.0	0.0	0.0	0.0	3.3	2.5	4.0	1.1	0.8	1.5	0.7	0.5	0.9
4	Region 18	9.0	5.9	12.2	1.1	0.4	1.7	10.1	7.5	12.6	0.2	0.2	0.3	0.2	0.0	0.4	10.5	8.2	12.8	0.0	0.0	0.0	3.9	3.0	4.9	1.2	0.9	1.6	0.7	0.2	1.2
4	Region 19	8.0	6.9	10.3	1.3	0.8	2.3	9.2	7.9	11.1	0.2	0.1	0.2	0.1	0.0	0.2	9.5	8.3	11.3	0.0	0.0	0.0	3.0	2.1	3.5	1.0	0.8	1.6	0.3	0.0	0.7
3	Region 20	10.1	9.2	10.8	0.7	0.3	0.9	10.7	10.0	11.1	0.1	0.0	0.1	0.3	0.0	0.4	11.1	10.5	11.5	0.0	0.0	0.0	3.5	2.6	4.3	1.9	1.3	2.3	0.5	0.4	0.7
3	Region 21	4.0	2.6	5.8	6.3	2.0	9.4	10.3	7.8	12.0	0.2	0.2	0.3	0.4	0.0	1.1	10.9	7.9	12.6	0.0	0.0	0.0	0.9	0.4	1.7	0.9	0.9	0.9	0.3	0.0	0.8
4	Region 22	6.6	3.0	10.5	3.2	1.4	6.6	9.8	7.3	12.7	0.2	0.1	0.3	0.4	0.0	1.3	10.4	7.5	14.3	0.0	0.0	0.0	1.9	0.8	3.9	0.8	0.0	1.7	0.2	0.0	0.4
9	Region 23	7.3	4.6	10.5	2.0	0.8	4.1	9.3	7.2	13.0	0.2	0.1	0.2	0.4	0.0	2.2	9.9	7.4	15.5	0.0	0.0	0.0	2.4	1.3	4.3	1.0	0.4	1.7	0.2	0.0	0.8
11	Region 24	6.3	5.0	8.0	2.2	1.2	4.3	8.5	7.1	11.4	0.2	0.1	0.3	0.2	0.0	1.2	8.9	7.2	11.7	0.0	0.0	0.0	2.2	1.7	2.8	1.0	0.5	1.4	0.1	0.0	0.5
8	Region 25	6.7	4.2	8.6	2.2	1.0	4.5	8.9	7.3	10.2	0.2	0.1	0.3	1.1	0.0	5.1	10.2	7.5	14.3	0.0	0.0	0.0	1.7	1.0	3.0	1.2	0.9	2.5	0.3	0.0	0.6
5	Region 26	7.7	5.1	9.0	2.1	0.9	3.2	9.8	8.3	11.1	0.2	0.1	0.3	0.3	0.0	1.0	10.4	8.6	11.6	0.0	0.0	0.0	1.8	1.1	3.0	1.0	0.5	1.5	0.4	0.0	0.7
4	Region 27	6.6	5.4	8.6	1.3	0.5	2.7	7.9	7.1	9.1	0.1	0.0	0.2	0.3	0.2	0.4	8.3	7.3	9.5	0.0	0.0	0.0	2.2	1.2	3.4	1.0	0.7	1.6	0.3	0.0	0.4
11	Region 28	7.1	3.9	10.9	2.2	1.0	3.9	9.2	7.3	11.8	0.2	0.1	0.3	0.6	0.0	1.4	10.0	8.2	11.9	0.0	0.0	0.0	2.0	0.4	3.6	1.4	0.4	2.7	0.7	0.0	1.8
6	Region 29	7.0	5.2	9.1	1.8	1.4	2.2	8.8	7.5	10.8	0.2	0.1	0.3	0.4	0.0	0.8	9.4	7.6	11.5	0.0	0.0	0.0	1.8	1.3	2.2	1.1	0.6	1.7	0.4	0.0	0.6
4	Region 30	7.5	5.6	8.9	1.7	1.1	2.5	9.2	7.3	10.9	0.2	0.2	0.2	0.7	0.0	2.1	10.1	8.2	13.3	0.0	0.0	0.0	2.6	2.0	3.1	0.9	0.7	1.1	0.2	0.0	0.4
9	Region 31	7.5	3.7	10.9	1.7	0.9	2.5	9.2	6.2	12.0	0.2	0.1	0.3	0.7	0.0	4.6	10.1	7.5	12.4	0.0	0.0	0.0	2.2	1.2	3.6	0.9	0.4	1.5	0.2	0.0	0.4
8	Region 32	7.1	4.5	9.7	2.1	0.3	4.7	9.2	7.2	12.9	0.1	0.0	0.2	0.2	0.0	0.4	9.5	7.5	13.3	0.0	0.0	0.0	2.5	1.3	3.5	0.9	0.4	1.4	0.2	0.0	0.7
1	Region 33	6.5	6.5	6.5	0.9	0.9	0.9	7.3	7.3	7.3	0.1	0.1	0.1	0.0	0.0	0.0	7.5	7.5	7.5	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0
6	Region 34	8.9	5.5	11.6	1.4	1.1	1.7	10.3	7.2	12.8	0.2	0.0	0.3	0.2	0.0	0.5	10.6	7.4	13.2	0.0	0.0	0.0	2.9	1.7	4.0	1.1	0.4	1.4	0.3	0.0	0.7
1	Region 35	3.5	3.5	3.5	4.7	4.7	4.7	8.2	8.2	8.2	0.2	0.2	0.2	0.0	0.0	0.0	8.4	8.4	8.4	0.0	0.0	0.0	0.8	0.8	0.8	1.0	1.0	1.0	0.4	0.4	0.4
1	Region 36	6.0	6.0	6.0	1.6	1.6	1.6	7.6	7.6	7.6	0.2	0.2	0.2	0.5	0.5	0.5	8.3	8.3	8.3	0.0	0.0	0.0	2.1	2.1	2.1	0.5	0.5	0.5	0.2	0.2	0.2
126	Ave WM 2	7.2			1.9			9.1			0.2			0.4			9.7			0.0			2.2			1.1			0.3		
	Min WM 2		2.6		0.3			6.2			0.0			0.0			7.2			0.0			0.4			0.0			0.0		
	Max WM 2			12.2				13.0			0.3			5.1			15.5			0.0			4.9			2.7			1.8		

TABLE 2: RSA GRADING OF WHITE MAIZE (2009/2010) (continue)

Number of samples	Region	% Defective Kernels						% Total defective		% Foreign matter		% Other 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.																									
GRADE: WM 3																																
2	Region 12	18.2	14.7	21.6	0.7	0.5	0.9	18.9	15.6	22.2	0.1	0.1	0.2	2.1	0.9	3.3	21.1	19.1	23.1	0.0	0.0	0.0	6.4	4.6	8.1	2.7	2.0	3.4	0.9	0.5	1.3	
1	Region 13	7.5	7.5	7.5	14.0	14.0	14.0	21.5	21.5	21.5	0.3	0.3	0.3	0.0	0.0	0.0	21.9	21.9	21.9	0.0	0.0	0.0	2.4	2.4	2.4	0.7	0.7	0.7	1.2	1.2	1.2	
1	Region 17	19.5	19.5	19.5	0.9	0.9	0.9	20.4	20.4	20.4	0.1	0.1	0.1	0.2	0.2	0.2	20.7	20.7	20.7	0.0	0.0	0.0	8.3	8.3	8.3	1.8	1.8	1.8	1.3	1.3	1.3	
2	Region 18	12.8	12.1	13.5	2.4	1.9	2.9	15.2	15.1	15.4	0.3	0.2	0.3	0.4	0.4	0.4	15.9	15.8	16.1	0.0	0.0	0.0	4.9	4.3	5.5	1.3	1.3	1.3	0.9	0.9	0.9	
1	Region 19	13.0	13.0	13.0	1.1	1.1	1.1	14.0	14.0	14.0	0.3	0.3	0.3	0.2	0.2	0.2	14.6	14.6	14.6	0.0	0.0	0.0	6.8	6.8	6.8	1.3	1.3	1.3	0.2	0.2	0.2	
2	Region 20	15.1	12.1	18.1	1.2	0.7	1.7	16.3	13.7	18.8	0.1	0.1	0.2	1.5	0.4	2.5	17.9	14.4	21.4	0.0	0.0	0.0	5.3	3.5	7.1	2.3	1.8	2.8	1.0	0.7	1.3	
1	Region 21	11.1	11.1	11.1	2.6	2.6	2.6	13.7	13.7	13.7	0.3	0.3	0.3	0.0	0.0	0.0	14.0	14.0	14.0	0.0	0.0	0.0	4.1	4.1	4.1	1.7	1.7	1.7	0.6	0.6	0.6	
4	Region 23	13.0	10.6	16.2	2.2	2.1	2.5	15.3	13.2	18.4	0.2	0.2	0.3	0.0	0.0	0.0	15.5	13.3	18.6	0.0	0.0	0.0	5.7	4.7	7.0	1.6	1.1	2.3	0.3	0.2	0.4	
1	Region 24	14.4	14.4	14.4	2.4	2.4	2.4	16.8	16.8	16.8	0.2	0.2	0.2	0.0	0.0	0.0	17.0	17.0	17.0	0.0	0.0	0.0	7.0	7.0	7.0	1.3	1.3	1.3	0.0	0.0	0.0	
1	Region 25	7.9	7.9	7.9	1.6	1.6	1.6	9.5	9.5	9.5	0.1	0.1	0.1	6.5	6.5	6.5	16.1	16.1	16.1	0.0	0.0	0.0	1.7	1.7	1.7	1.1	1.1	1.1	0.4	0.4	0.4	
2	Region 26	11.5	9.2	13.9	3.8	2.0	5.6	15.4	14.8	15.9	0.3	0.1	0.4	0.0	0.0	0.0	15.6	15.2	16.0	0.0	0.0	0.0	2.4	1.2	3.6	1.1	0.5	1.7	0.4	0.3	0.4	
4	Region 28	12.0	11.4	13.4	1.7	1.0	2.1	13.7	13.2	14.4	0.2	0.2	0.3	0.2	0.0	0.8	14.1	13.4	14.7	0.0	0.0	0.0	3.5	2.3	4.2	1.9	1.1	3.4	0.9	0.4	1.5	
1	Region 29	14.2	14.2	14.2	1.3	1.3	1.3	15.5	15.5	15.5	0.2	0.2	0.2	0.4	0.4	0.4	16.0	16.0	16.0	0.0	0.0	0.0	3.7	3.7	3.7	1.9	1.9	1.9	0.8	0.8	0.8	
1	Region 32	13.6	13.6	13.6	0.7	0.7	0.7	14.3	14.3	14.3	0.0	0.0	0.0	0.2	0.2	0.2	14.6	14.6	14.6	0.0	0.0	0.0	4.6	4.6	4.6	1.8	1.8	1.8	0.7	0.7	0.7	
24	Ave WM3	13.2			2.4			15.5			0.2			0.7			16.4			0.0			4.7			1.7			0.7			
	Min WM3		7.5		0.5			9.5			0.0			0.0			13.3			0.0			1.2			0.5			0.0			
	Max WM3		21.6		14.0			22.2			0.4			6.5			23.1			0.0			8.3			3.4			1.5			
GRADE: COM																																
1	Region 33	40.1	40.1	40.1	1.2	1.2	1.2	41.3	41.3	41.3	0.2	0.2	0.2	0.0	0.0	0.0	41.4	41.4	41.4	0.0	0.0	0.0	9.9	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Ave COM	40.1			1.2			41.3			0.2			0.0			41.4			0.0			9.9			0.0			0.0			
	Min COM		40.1		1.2			41.3			0.2			0.0			41.4			0.0			9.9			0.0			0.0			
	Max COM		40.1		1.2			41.3			0.2			0.0			41.4			0.0			9.9			0.0			0.0			
458	Ave white maize	5.1			1.5			6.6			0.1			0.2			6.9			0.0			1.5			0.8			0.2			
	Min white maize		1.0		0.2			1.3			0.0			0.0			1.4			0.0			0.0			0.0			0.0			
	Max white maize		40.1		14.0			41.3			0.4			6.5			41.4			0.0			9.9			3.4			1.8			
800	Ave maize	5.1			1.7			6.7			0.1			0.2			7.1			0.0			1.6			0.8			0.2			
	Min maize		0.3		0.1			0.6			0.0			0.0			0.6			0.0			0.0			0.0			0.0			
	Max maize		40.1		14.0			41.3			4.1			6.5			41.4			0.0			10.8			3.7			3.3			