

TABLE 2: RSA GRADING OF WHITE MAIZE (2013/2014)

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Total 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.								
GRADE: WM1																															
7	Region 12	2.6	1.6	4.7	2.4	0.6	3.6	5.0	3.2	7.0	0.1	0.0	0.3	0.1	0.0	0.3	5.1	3.2	7.6	0.0	0.0	0.0	0.5	0.0	1.1	0.9	0.4	2.0	1.4	0.5	3.1
3	Region 13	3.0	2.2	4.1	1.7	1.5	2.0	4.8	3.7	6.1	0.2	0.2	0.2	0.1	0.0	0.3	5.0	3.9	6.6	0.0	0.0	0.0	0.7	0.5	1.0	1.0	0.5	1.9	1.7	1.1	3.0
26	Region 14	2.9	1.0	5.9	1.4	0.1	4.4	4.3	2.3	6.4	0.1	0.0	0.3	0.2	0.0	1.1	4.6	2.3	6.7	0.0	0.0	0.1	0.3	0.0	1.1	0.7	0.0	1.9	1.0	0.0	2.8
3	Region 15	3.6	2.3	5.6	1.1	0.6	1.5	4.7	3.5	6.2	0.0	0.0	0.1	0.0	0.0	0.0	4.8	3.5	6.2	0.0	0.0	0.0	0.4	0.3	0.6	1.2	1.1	1.4	1.6	1.4	1.7
9	Region 16	2.4	1.3	4.6	1.5	0.7	2.4	3.8	2.5	6.3	0.1	0.0	0.1	0.5	0.0	2.1	4.4	2.5	6.5	0.0	0.0	0.0	0.5	0.0	1.5	0.7	0.0	1.6	1.3	0.5	2.8
9	Region 17	3.7	2.3	5.8	1.6	0.8	2.8	5.3	3.6	6.6	0.1	0.0	0.2	0.1	0.0	0.5	5.6	3.7	6.7	0.2	0.0	1.3	0.8	0.4	1.2	1.1	0.5	1.9	1.8	0.9	3.1
6	Region 18	2.3	1.0	3.4	2.6	1.9	4.0	4.8	3.2	6.2	0.2	0.0	0.3	0.2	0.0	0.6	5.2	3.4	6.5	0.0	0.0	0.0	0.5	0.0	1.0	0.8	0.1	1.0	1.3	0.1	2.1
5	Region 19	3.1	1.1	5.0	1.8	1.1	2.4	4.9	3.5	6.9	0.2	0.1	0.2	0.2	0.0	0.7	5.3	4.0	7.6	0.0	0.0	0.0	0.8	0.4	1.2	1.1	0.4	1.7	1.9	0.9	2.9
5	Region 20	3.4	2.3	4.3	1.6	0.8	2.5	5.0	3.1	6.9	0.1	0.0	0.2	0.2	0.0	0.5	5.3	3.1	7.3	0.0	0.0	0.2	0.7	0.0	1.2	1.2	0.4	1.6	1.9	0.4	2.8
39	Region 21	2.6	0.8	5.3	1.7	0.6	2.8	4.3	1.7	6.9	0.2	0.0	0.3	0.1	0.0	0.5	4.5	2.0	7.1	0.0	0.0	0.2	0.5	0.0	1.5	0.7	0.0	2.0	1.2	0.0	3.5
28	Region 22	2.3	1.3	4.1	1.6	0.4	4.2	3.8	2.2	6.5	0.1	0.0	0.3	0.1	0.0	1.0	4.0	2.4	6.6	0.0	0.0	0.2	0.5	0.0	1.5	0.7	0.0	2.4	1.2	0.7	2.4
12	Region 23	2.6	1.2	4.9	1.0	0.4	2.1	3.6	1.9	7.0	0.0	0.0	0.1	0.1	0.0	0.2	3.7	1.9	7.0	0.0	0.0	0.2	0.4	0.0	0.8	1.0	0.0	2.7	1.4	0.0	3.2
42	Region 24	2.8	0.6	6.2	1.5	0.3	3.1	4.3	1.7	6.9	0.1	0.0	0.3	0.1	0.0	0.6	4.5	2.0	7.4	0.0	0.0	0.0	0.5	0.0	1.2	0.7	0.0	1.8	1.3	0.0	2.6
7	Region 25	3.3	2.0	4.8	2.1	0.9	3.9	5.4	3.2	6.5	0.2	0.1	0.3	0.2	0.0	0.8	5.8	3.3	7.0	0.0	0.0	0.0	0.7	0.0	1.3	1.0	0.6	1.3	1.6	0.6	2.4
4	Region 26	3.3	2.9	3.8	1.4	0.4	2.8	4.7	3.9	6.2	0.1	0.1	0.1	0.6	0.3	0.7	5.4	4.7	7.0	0.0	0.0	0.2	0.3	0.0	0.7	1.4	0.8	2.2	1.7	0.8	2.8
1	Region 27	2.5	-	-	1.1	-	-	3.6	-	-	0.1	-	-	0.4	-	-	4.1	-	-	0.1	-	-	0.2	-	-	0.4	-	-	0.6	-	-
4	Region 28	3.9	1.8	6.1	0.6	0.1	1.7	4.5	1.9	6.5	0.0	0.0	0.1	0.1	0.0	0.3	4.6	1.9	6.9	0.0	0.0	0.0	0.6	0.0	1.6	0.4	0.0	1.0	1.0	0.0	2.3
22	Region 29	3.6	0.9	6.3	1.1	0.1	2.8	4.6	2.2	7.0	0.1	0.0	0.2	0.3	0.0	1.2	5.0	2.6	7.8	0.2	0.0	1.4	0.9	0.0	1.5	1.2	0.2	3.6	2.2	0.2	5.0
15	Region 30	2.9	1.2	5.5	1.0	0.4	2.0	3.9	2.1	6.6	0.1	0.0	0.2	0.3	0.0	1.7	4.4	2.6	6.7	0.1	0.0	0.5	0.8	0.0	1.8	1.0	0.2	1.9	1.7	0.5	3.7
11	Region 31	3.3	0.9	6.2	1.6	0.8	3.1	4.8	3.1	7.0	0.2	0.1	0.3	0.7	0.0	1.9	5.8	3.9	7.4	0.0	0.0	0.0	1.0	0.3	2.5	1.1	0.0	2.5	2.1	0.3	4.0
5	Region 32	4.6	3.6	5.5	1.0	0.5	1.3	5.7	4.2	6.7	0.0	0.0	0.1	0.5	0.0	1.5	6.2	5.5	7.3	0.1	0.0	0.5	1.3	0.9	2.1	1.7	1.3	2.2	3.0	2.5	4.3
10	Region 33	3.4	2.2	5.0	1.4	0.6	2.4	4.8	3.5	6.3	0.1	0.1	0.3	0.4	0.0	1.3	5.3	3.6	7.7	0.0	0.0	0.0	1.0	0.7	1.5	1.1	0.6	2.0	2.1	1.5	3.0
18	Region 34	3.3	2.1	5.5	1.1	0.3	3.2	4.3	2.4	6.7	0.1	0.0	0.2	0.4	0.0	1.7	4.8	2.6	7.9	0.1	0.0	1.1	0.6	0.0	1.3	1.2	0.8	1.8	1.9	1.3	2.9
6	Region 35	3.3	2.0	5.7	0.9	0.3	1.3	4.2	2.5	6.4	0.1	0.0	0.2	0.1	0.0	0.4	4.4	2.5	6.4	0.1	0.0	0.4	0.6	0.2	1.3	0.9	0.0	1.7	1.5	0.8	2.1
17	Region 36	2.4	1.2	4.6	2.1	0.4	3.3	4.4	2.2	6.7	0.2	0.0	0.3	0.5	0.0	1.5	5.1	2.8	7.5	0.0	0.0	0.0	0.5	0.0	1.3	0.8	0.0	1.8	1.3	0.0	2.7
314	Ave. WM1	2.9	1.5	4.4	1.5	0.1	4.4	4.4	1.7	7.0	0.1	0.0	0.3	0.2	0.0	2.1	4.7	1.9	7.9	0.0	0.0	1.4	0.6	0.0	2.5	0.9	0.0	3.6	1.5	0.0	5.0
	Min. WM1	0.6	0.1	4.4	0.1	0.1	4.4	1.7	7.0	0.3	0.0	0.3	2.1	0.0	0.0	1.4	7.9	1.9	7.9	0.0	0.0	1.4	0.6	0.0	2.5	0.9	0.0	3.6	1.5	0.0	5.0
	Max. WM1	6.3	4.4	7.0	4.4	0.3	7.0	7.0	7.0	7.0	0.3	0.3	2.1	0.0	0.0	1.4	7.9	7.9	7.9	0.0	0.0	1.4	0.6	0.0	2.5	0.9	0.0	3.6	1.5	0.0	5.0

TABLE 2: RSA GRADING OF WHITE MAIZE (2013/2014) (continue)

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Total 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.
GRADE: WM2																															
1	Region 12	6.0	-	-	1.6	-	-	7.6	-	0.1	-	-	8.2	-	0.0	-	1.5	-	1.4	-	2.8	-									
2	Region 13	5.5	5.3	5.7	2.0	1.9	2.0	7.4	7.2	7.7	0.2	0.2	8.0	7.9	8.1	0.0	0.0	0.0	0.0	0.0	1.1	0.9	1.3	2.2	1.4	3.0	3.3	2.6	3.9		
3	Region 14	3.8	1.0	8.1	3.9	0.2	6.4	7.7	7.4	8.3	0.1	0.0	7.8	7.5	8.4	0.1	0.0	0.4	0.2	0.0	0.7	1.0	0.3	2.2	1.0	0.3	2.2	1.3	0.3	2.9	
2	Region 16	3.7	3.5	4.0	4.5	3.7	5.2	8.2	7.7	8.7	0.1	0.1	8.9	7.8	9.9	0.1	0.0	0.2	1.0	1.0	1.0	1.2	1.1	1.3	2.2	1.1	1.3	2.2	2.1	2.3	
1	Region 18	5.7	-	-	1.9	-	-	7.6	-	-	0.1	-	7.7	-	-	0.0	-	0.5	-	2.5	-	3.0	-	-	-	-	-	-	-	-	-
2	Region 19	6.0	5.5	6.4	3.4	1.3	5.6	9.4	6.8	12.0	0.3	0.2	13.2	12.2	14.2	0.0	0.0	0.0	1.4	1.4	1.5	2.7	2.5	2.9	4.2	4.0	4.3	4.2	4.0	4.3	
3	Region 20	7.1	5.0	9.5	1.4	0.4	2.1	8.5	7.1	9.9	0.2	0.1	9.5	7.9	10.6	0.0	0.0	0.0	2.5	1.1	4.7	2.6	2.2	3.2	5.1	3.5	8.0	5.1	3.5	8.0	
5	Region 21	5.2	2.7	7.4	2.1	0.6	4.4	7.3	4.1	9.3	0.2	0.1	8.0	4.6	10.7	0.1	0.0	0.2	0.8	0.3	1.3	1.1	0.4	1.5	1.8	0.6	2.8	1.8	0.6	2.8	
1	Region 22	9.9	-	-	2.1	-	-	12.0	-	-	0.1	-	12.2	-	-	0.0	-	3.5	-	3.1	-	6.6	-	-	-	-	-	-	-	-	-
2	Region 23	7.1	5.8	8.4	1.4	0.8	2.0	8.5	7.8	9.2	0.0	0.0	8.5	7.8	9.2	0.1	0.0	0.2	1.8	1.2	2.5	3.0	2.1	3.9	4.8	3.3	6.3	4.8	3.3	6.3	
2	Region 24	6.0	5.6	6.5	1.5	1.0	2.0	7.5	7.5	7.6	0.1	0.1	9.7	7.6	11.7	0.0	0.0	0.0	1.2	0.9	1.4	2.2	1.9	2.4	3.3	3.3	3.4	3.3	3.3	3.4	
5	Region 27	5.8	2.9	9.2	2.5	1.3	4.5	8.3	7.4	10.6	0.1	0.0	8.6	7.6	10.9	0.0	0.0	0.0	1.5	0.6	3.3	1.5	0.0	2.9	3.1	2.0	6.2	3.1	2.0	6.2	
8	Region 28	7.8	5.9	10.2	2.1	0.7	6.3	10.0	6.6	12.4	0.1	0.0	10.3	7.7	12.9	0.2	0.0	1.0	1.6	0.0	4.6	1.6	0.0	2.9	3.3	1.0	7.5	3.3	1.0	7.5	
9	Region 29	5.9	3.5	10.3	1.9	0.6	3.3	7.8	6.5	10.9	0.1	0.0	8.5	7.3	11.9	0.1	0.0	0.4	1.5	0.0	2.5	2.1	0.7	4.5	3.6	1.3	6.5	3.6	1.3	6.5	
6	Region 30	6.0	4.5	6.7	1.9	0.4	3.7	7.9	7.1	9.4	0.2	0.1	9.4	7.4	12.6	0.0	0.0	0.0	1.5	1.0	1.9	2.3	1.4	3.5	3.8	2.9	4.5	3.8	2.9	4.5	
9	Region 31	6.7	5.6	8.2	1.8	1.0	4.6	8.6	7.1	10.2	0.2	0.1	9.8	7.3	14.7	0.0	0.0	0.0	1.6	0.5	2.1	2.0	0.5	3.1	3.6	1.0	4.8	3.6	1.0	4.8	
18	Region 32	8.4	3.8	11.7	1.9	0.6	5.3	10.2	7.8	12.8	0.1	0.0	10.5	8.0	13.4	0.2	0.0	1.1	1.7	0.3	3.5	3.1	1.1	5.7	4.8	1.4	8.7	4.8	1.4	8.7	
7	Region 33	8.3	6.5	10.7	1.7	0.3	2.5	10.0	8.0	13.0	0.2	0.1	11.0	8.2	14.1	0.0	0.0	0.0	2.2	1.4	3.2	2.6	1.6	3.8	4.8	3.5	6.2	4.8	3.5	6.2	
12	Region 34	7.7	3.2	11.4	2.0	0.8	5.7	9.7	6.4	12.6	0.1	0.0	10.5	7.2	13.8	0.1	0.0	0.7	1.5	0.2	4.1	3.0	1.1	6.0	4.4	1.3	10.1	4.4	1.3	10.1	
1	Region 35	11.7	-	-	0.9	-	-	12.6	-	-	0.0	-	12.6	-	-	1.4	-	0.0	0.0	0.0	0.0	6.8	-	-	6.8	-	-	6.8	-	-	-
3	Region 36	5.7	4.7	6.3	3.0	2.2	4.2	8.7	7.3	10.5	0.2	0.1	9.7	8.6	11.9	0.0	0.0	0.0	1.3	1.1	1.5	2.4	1.6	3.0	3.6	2.7	4.2	3.6	2.7	4.2	
102	Ave. WM2	6.9			2.1			9.0			0.1		9.8			0.1			1.5			2.4			3.9			2.4			3.9
	Min. WM2	1.0			0.2			4.1			0.0		4.6			0.0			0.0			0.0			0.3			0.0			0.3
	Max. WM2	11.7			6.4			13.0			0.5		14.7			1.4			4.7			6.8			10.1			6.8			10.1

TABLE 2: RSA GRADING OF WHITE MAIZE (2013/2014) (continue)

Number of samples	Region	% Defective Kernels				% Total defective		% Foreign matter		% Other Colour		% Total Deviations		% 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.																										
GRADE: WM3																															
1	Region 15	3.3	-	1.6	-	5.0	-	0.6	-	0.3	-	5.8	-	0.0	-	0.3	-	0.7	-	1.0	-										
1	Region 18	14.7	-	2.4	-	17.0	-	0.3	-	0.0	-	17.3	-	0.0	-	3.4	-	5.0	-	8.5	-										
1	Region 23	15.4	-	1.0	-	16.4	-	0.0	-	0.0	-	16.4	-	0.0	-	9.2	-	4.9	-	14.1	-										
1	Region 25	2.4	-	2.1	-	4.5	-	0.6	-	0.0	-	5.3	-	0.0	-	0.3	-	1.9	-	2.2	-										
4	Region 27	11.6	7.9	15.1	3.3	2.2	5.7	15.0	13.3	17.5	0.1	0.0	0.3	0.4	0.0	0.6	15.5	13.9	18.1	0.1	0.0	0.5	2.1	1.0	4.1	3.9	2.4	5.6	6.0	3.3	8.0
1	Region 28	11.8	-	8.9	-	20.7	-	0.1	-	0.2	-	21.0	-	0.0	-	0.5	-	3.0	-	3.5	-										
4	Region 29	10.2	1.2	23.8	1.3	0.2	2.2	11.5	1.4	25.7	0.2	0.0	0.5	3.9	0.0	9.2	15.6	9.9	25.9	0.1	0.0	0.2	4.8	0.0	16.1	1.0	0.5	1.2	5.8	1.2	16.6
1	Region 30	2.0	-	1.8	-	3.8	-	0.6	-	0.1	-	4.5	-	0.0	-	0.3	-	0.0	-	0.3	-										
5	Region 32	12.2	10.9	13.4	2.0	1.4	2.4	14.2	13.1	15.9	0.1	0.0	0.2	0.3	0.0	1.2	14.5	13.2	16.0	0.0	0.0	0.1	2.5	1.4	5.1	3.7	1.8	5.4	6.2	3.3	10.5
5	Region 33	15.9	10.8	20.7	1.3	0.4	2.3	17.2	13.1	21.1	0.3	0.2	0.4	1.1	0.0	3.4	18.5	13.8	23.5	0.0	0.0	0.0	4.8	2.1	6.7	5.6	3.8	7.8	10.4	5.9	13.9
8	Region 34	15.1	5.4	24.7	1.6	0.6	3.2	16.7	8.7	27.8	0.1	0.0	0.6	0.7	0.0	1.2	17.5	10.1	29.1	0.1	0.0	0.2	3.3	0.7	5.0	5.6	2.2	9.0	8.9	2.9	13.7
32	Ave. WM3	12.4		2.1		14.5		0.2		0.9		15.6		0.0		3.2		4.0		7.2											
	Min. WM3	1.2				1.4		0.0		0.0		4.5		0.0		0.0		0.0		0.3											
	Max. WM3	24.7		8.9		27.8		0.6		9.2		29.1		0.5		16.1		9.0		16.6											
CLASS: COM																															
1	Region 28	8.9	-	9.8	-	18.6	-	4.1	-	0.0	-	22.8	-	0.0	-	0.9	-	7.1	-	8.0	-										
1	Region 31	22.0	-	2.4	-	24.4	-	4.5	-	0.3	-	29.2	-	0.0	-	0.8	-	0.5	-	1.3	-										
1	Region 34	4.1	-	5.7	-	9.8	-	1.2	-	0.9	-	11.9	-	0.0	-	1.1	-	0.8	-	1.9	-										
3	Ave. COM	11.7		5.9		17.6		3.3		0.4		21.3		0.0		0.9		2.8		3.7											
	Min. COM	4.1		2.4		9.8		1.2		0.0		11.9		0.0		0.8		0.5		1.3											
	Max. COM	22.0		9.8		24.4		4.5		0.9		29.2		0.0		1.1		7.1		8.0											
451	Ave. white maize	4.6		1.7		6.2		0.1		0.4		6.8		0.0		1.0		1.5		2.5											
	Min. white maize	0.6		0.1		1.4		0.0		0.0		1.9		0.0		0.0		0.0		0.0											
	Max. white maize	24.7		9.8		27.8		4.5		9.2		29.2		1.4		16.1		9.0		16.6											
930	Ave. maize	4.3		1.9		6.2		0.1		0.3		6.6		0.0		1.0		1.5		2.5											
	Min. maize	0.5		0.1		1.4		0.0		0.0		1.7		0.0		0.0		0.0		0.0											
	Max. maize	32.3		10.5		33.6		4.5		9.2		33.7		1.4		20.1		28.2		30.9											