

TABLE 2: RSA GRADING OF WHITE MAIZE (2005/2006)

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 1																																		
1	Region 8	1.4	1.4	1.4	1.0	1.0	1.0	2.4	2.4	2.4	0.1	0.1	0.1	0.0	0.0	0.0	2.4	2.4	2.4	0.0	0.0	0.0	0.9	0.9	0.9	0.4	0.4	0.4	0.0	0.0	0.0			
8	Region 10	2.8	0.8	3.8	1.5	0.5	2.1	4.3	1.3	5.4	0.2	0.1	0.2	0.1	0.0	0.6	4.6	1.4	5.6	0.0	0.0	0.0	1.0	0.4	1.3	0.3	0.0	0.7	0.1	0.0	0.4			
8	Region 11	2.0	0.9	2.7	2.0	1.2	3.8	3.9	3.0	6.5	0.2	0.1	0.2	0.2	0.0	0.5	4.3	3.3	6.6	0.3	0.0	0.5	0.4	0.0	0.6	0.3	0.0	0.4	0.0	0.0	0.0			
8	Region 12	3.9	2.3	5.7	1.1	0.6	1.9	5.1	3.8	6.4	0.1	0.1	0.2	0.1	0.0	0.5	5.3	3.9	6.8	0.1	0.0	0.4	0.7	0.4	1.0	0.8	0.4	1.1	0.2	0.0	0.4			
11	Region 13	3.2	1.4	5.8	1.1	0.2	2.8	4.3	1.7	6.9	0.1	0.1	0.2	0.1	0.0	0.5	4.5	1.8	7.1	0.3	0.0	0.9	0.8	0.0	1.6	0.7	0.3	1.3	0.2	0.0	0.7			
16	Region 14	3.0	1.9	4.7	1.7	0.6	2.1	4.7	3.5	6.8	0.1	0.1	0.2	0.2	0.0	0.5	5.0	3.7	7.2	0.3	0.0	0.8	0.7	0.4	1.0	0.7	0.3	1.2	0.0	0.0	0.4			
8	Region 15	2.8	1.9	4.0	1.9	1.1	3.7	4.7	3.4	6.3	0.2	0.1	0.2	0.2	0.0	0.9	5.0	3.5	7.4	0.0	0.0	0.0	0.6	0.0	1.4	0.4	0.0	0.9	0.1	0.0	0.4			
10	Region 16	2.5	1.4	5.6	1.1	0.0	1.7	3.6	1.8	6.4	0.2	0.0	0.3	0.1	0.0	1.2	3.9	1.8	6.8	0.1	0.0	0.4	0.7	0.0	1.9	0.8	0.0	2.8	0.2	0.0	0.9			
9	Region 17	4.1	3.3	5.8	1.4	0.8	2.0	5.4	4.5	6.9	0.1	0.1	0.2	0.1	0.0	0.5	5.7	4.6	7.0	0.5	0.0	0.9	0.8	0.5	1.1	1.0	0.5	1.5	0.1	0.0	0.4			
12	Region 18	3.0	2.2	3.6	2.1	1.3	3.9	5.0	3.9	6.5	0.2	0.1	0.2	0.2	0.0	0.7	5.4	4.3	7.3	0.3	0.0	0.9	0.8	0.0	1.6	0.5	0.0	1.3	0.0	0.0	0.0			
7	Region 19	3.7	2.6	4.9	1.6	0.7	2.5	5.3	4.0	7.0	0.2	0.1	0.3	0.1	0.0	0.4	5.5	4.3	7.3	0.2	0.0	0.9	0.7	0.3	1.0	0.8	0.0	2.2	0.1	0.0	0.5			
7	Region 20	3.7	2.1	6.1	1.3	0.9	1.6	5.0	3.4	7.0	0.2	0.1	0.2	0.3	0.0	0.5	5.4	3.6	7.2	0.5	0.0	1.4	0.8	0.0	1.1	1.0	0.0	1.7	0.1	0.0	0.4			
5	Region 21	4.4	3.1	6.0	1.1	0.6	1.8	5.5	3.8	7.0	0.1	0.1	0.1	0.1	0.0	0.4	5.8	4.2	7.1	0.6	0.4	1.0	0.7	0.0	1.3	0.5	0.0	0.8	0.1	0.0	0.4			
13	Region 22	4.6	3.1	6.0	1.2	0.7	2.1	5.8	5.0	7.0	0.2	0.1	0.2	0.1	0.0	0.4	6.0	5.2	7.1	0.5	0.0	1.4	1.1	0.5	2.1	0.7	0.3	1.3	0.1	0.0	0.6			
23	Region 23	3.0	1.4	5.0	1.6	0.4	2.7	4.6	3.1	6.7	0.2	0.1	0.2	0.1	0.0	0.7	4.8	3.3	7.0	0.2	0.0	1.8	0.6	0.0	1.3	0.5	0.0	0.9	0.1	0.0	0.4			
22	Region 24	3.4	2.2	5.1	1.6	0.4	2.7	5.0	3.6	6.5	0.2	0.1	0.2	0.2	0.0	0.9	5.3	3.7	6.7	0.4	0.0	1.1	0.9	0.4	1.4	0.7	0.3	1.4	0.1	0.0	0.6			
10	Region 25	3.2	2.0	6.0	1.5	0.9	2.3	4.7	3.7	6.9	0.2	0.1	0.2	0.2	0.0	0.7	5.1	3.8	7.4	0.1	0.0	0.4	0.7	0.0	1.2	0.4	0.0	0.9	0.1	0.0	0.3			
7	Region 26	3.6	2.6	5.1	1.6	0.6	2.2	5.2	4.4	6.7	0.2	0.1	0.2	0.3	0.0	0.4	5.7	4.6	6.8	0.3	0.0	1.1	0.9	0.6	1.3	0.9	0.7	1.2	0.1	0.0	0.5			
3	Region 27	3.3	2.5	4.2	0.5	0.3	0.8	3.8	3.3	4.5	0.1	0.0	0.2	0.1	0.0	0.3	4.0	3.5	4.8	0.3	0.0	0.5	0.6	0.5	1.0	0.4	0.4	0.5	0.0	0.0	0.0			
15	Region 28	2.9	1.4	5.6	1.4	0.5	2.9	4.3	2.6	6.5	0.2	0.1	0.3	0.2	0.0	0.8	4.6	2.7	7.5	0.2	0.0	1.1	0.7	0.0	1.3	0.4	0.0	1.6	0.1	0.0	0.5			
8	Region 29	2.7	2.2	3.1	1.7	1.3	2.0	4.4	3.5	5.0	0.1	0.1	0.2	0.2	0.0	1.4	4.8	3.6	5.7	0.6	0.0	0.9	0.4	0.0	0.7	0.5	0.0	1.0	0.1	0.0	0.4			
16	Region 30	3.3	2.2	5.1	1.7	0.8	3.6	5.0	3.3	6.7	0.2	0.1	0.2	0.3	0.0	1.6	5.5	3.5	7.6	0.3	0.0	1.2	0.8	0.0	1.4	0.5	0.0	1.3	0.1	0.0	0.6			
2	Region 32	4.7	4.5	5.0	0.8	0.8	0.9	5.6	5.2	5.9	0.1	0.1	0.1	0.4	0.3	0.4	6.1	5.7	6.5	0.4	0.4	0.4	0.8	0.7	0.9	1.4	1.4	1.4	0.2	0.0	0.3			
19	Region 33	3.3	1.9	4.6	1.9	0.5	3.0	5.2	2.4	6.3	0.2	0.1	0.2	0.4	0.0	1.3	5.8	2.5	7.8	0.5	0.0	1.9	0.6	0.0	1.4	1.0	0.0	2.3	0.1	0.0	0.4			
30	Region 34	3.3	2.1	6.1	1.5	0.0	3.2	4.9	2.1	6.9	0.2	0.0	0.2	0.2	0.0	0.7	5.2	2.1	7.5	0.2	0.0	0.8	0.8	0.4	1.3	0.8	0.0	1.4	0.2	0.0	1.1			
8	Region 35	1.5	0.5	2.4	1.3	0.3	2.6	2.7	1.0	4.1	0.1	0.0	0.2	0.1	0.0	0.7	2.9	1.0	4.3	0.0	0.0	0.0	0.2	0.0	0.9	0.6	0.0	1.5	0.0	0.0	0.2			
7	Region 36	2.5	0.6	3.2	1.9	1.6	2.1	4.4	2.2	5.2	0.2	0.0	0.2	0.0	0.0	0.0	4.6	2.3	5.4	0.5	0.0	0.9	0.9	0.5	2.0	0.4	0.0	0.6	0.0	0.0	0.0			
293	Ave WM 1	3.2			1.5			4.7			0.2			0.2			5.1			0.3			0.7			0.7			0.1					
	Min WM 1	0.5			0.0			1.0			0.0			0.0			1.0			0.0			0.0			0.0			0.0					
	Max WM 1	6.1			3.9			7.0			0.3			1.6			7.8			1.9			2.1			2.8			1.1					

TABLE 2: RSA GRADING OF WHITE MAIZE (2005/2006) (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	21.5	15.1	27.9	1.6	1.0	2.1	23.1	17.2	28.9	0.2	0.2	0.2	0.4	0.3	0.5	23.6	17.7	29.6	0.7	0.0	1.4	4.2	3.8	4.6	2.1	1.7	2.5	0.8	0.6	1.1			
7	Region 13	13.8	10.6	16.7	1.3	0.3	3.7	15.1	13.7	17.6	0.2	0.1	0.2	0.1	0.0	0.4	15.4	14.0	17.7	1.2	0.0	2.3	2.4	1.8	3.5	3.3	1.8	4.7	0.8	0.6	0.9			
7	Region 14	12.8	10.4	17.3	2.3	1.6	2.7	15.1	13.1	18.9	0.3	0.2	0.5	0.5	0.0	0.7	15.9	14.1	19.1	1.0	0.0	1.8	2.7	1.5	3.6	2.7	1.5	3.7	1.0	0.6	2.4			
1	Region 15	14.0	14.0	14.0	3.6	3.6	3.6	17.6	17.6	17.6	0.3	0.3	0.3	0.0	0.0	0.0	17.9	17.9	17.9	1.7	1.7	1.7	2.1	2.1	2.1	2.3	2.3	2.3	1.5	1.5	1.5			
2	Region 16	12.9	8.8	17.0	2.7	0.7	4.8	15.6	13.6	17.7	0.2	0.1	0.4	0.2	0.0	0.4	16.1	14.4	17.8	0.5	0.0	1.0	3.3	3.2	3.4	2.6	2.4	2.9	1.1	1.0	1.2			
6	Region 17	11.2	3.0	18.7	3.4	1.0	8.8	14.6	11.8	21.5	0.3	0.2	0.6	0.3	0.0	0.8	15.2	12.4	21.8	0.7	0.0	1.5	1.9	0.6	2.7	3.2	0.9	6.7	0.7	0.0	1.1			
5	Region 18	14.1	10.9	24.3	2.2	1.8	2.6	16.4	13.3	26.1	0.2	0.1	0.2	0.2	0.0	0.4	16.8	13.9	26.7	1.4	0.4	1.9	2.8	1.8	4.6	1.7	1.0	3.3	0.6	0.4	1.1			
2	Region 19	11.8	11.8	11.8	1.8	1.6	2.0	13.6	13.3	13.8	0.2	0.2	0.2	0.1	0.0	0.2	13.9	13.8	14.0	0.7	0.3	1.0	3.4	2.9	3.9	2.0	2.0	2.0	0.8	0.8	0.9			
7	Region 20	12.3	10.7	16.1	1.6	0.8	2.4	13.9	13.1	17.3	0.2	0.2	0.3	0.5	0.0	1.1	14.6	13.3	17.6	0.8	0.4	1.4	2.5	1.4	5.4	1.9	0.9	3.2	0.5	0.4	1.0			
2	Region 21	11.0	10.8	11.1	2.8	2.4	3.2	13.8	13.5	14.0	0.3	0.2	0.5	0.0	0.0	0.0	14.1	13.7	14.5	0.7	0.0	1.4	1.9	1.8	2.1	1.5	1.0	1.9	0.6	0.5	0.7			
5	Region 22	15.0	11.8	18.8	2.0	1.4	2.6	17.0	13.4	20.9	0.3	0.2	0.4	0.0	0.0	0.0	17.3	13.7	21.3	1.1	0.0	1.8	3.6	2.1	5.3	2.6	1.0	3.4	0.9	0.5	1.1			
14	Region 23	11.8	6.0	19.2	4.1	0.8	8.3	16.0	13.2	21.9	0.3	0.2	0.7	0.2	0.0	1.9	16.5	13.4	22.6	0.4	0.0	1.7	2.3	0.8	3.5	2.0	0.5	4.4	0.7	0.0	1.0			
3	Region 24	14.7	11.5	16.8	2.6	1.4	4.1	17.3	13.8	20.1	0.2	0.0	0.5	0.0	0.0	0.0	17.6	14.2	20.1	0.5	0.0	1.4	2.5	1.9	2.9	1.1	0.9	1.4	0.6	0.5	0.8			
2	Region 25	13.8	10.2	17.3	2.4	1.1	3.6	16.1	13.8	18.5	0.3	0.3	0.4	0.8	0.4	1.2	17.3	14.6	19.9	0.8	0.7	0.9	4.3	3.9	4.8	2.2	2.0	2.5	1.2	1.1	1.3			
5	Region 26	16.6	12.7	19.6	1.4	0.6	2.4	18.0	15.1	20.2	0.2	0.1	0.3	0.1	0.0	0.3	18.3	15.7	20.4	0.9	0.0	1.6	2.2	1.1	3.7	1.4	0.6	2.6	0.8	0.4	1.1			
2	Region 28	12.5	12.3	12.7	1.2	0.8	1.7	13.7	13.5	14.0	0.3	0.3	0.4	0.4	0.4	0.5	14.5	14.4	14.6	1.0	0.9	1.2	4.5	4.1	4.9	2.7	2.1	3.3	1.8	0.8	2.8			
2	Region 30	9.3	6.6	12.0	7.1	5.9	8.2	16.4	14.9	18.0	0.3	0.3	0.3	0.2	0.0	0.3	16.8	15.1	18.6	0.8	0.7	0.9	2.3	1.1	3.4	1.8	1.8	1.8	0.5	0.5	0.6			
1	Region 32	10.7	10.7	10.7	3.5	3.5	3.5	14.2	14.2	14.2	0.2	0.2	0.2	0.5	0.5	0.5	14.9	14.9	14.9	0.8	0.8	0.8	2.8	2.8	2.8	2.4	2.4	2.4	0.9	0.9	0.9			
1	Region 33	4.7	4.7	4.7	6.7	6.7	6.7	11.4	11.4	11.4	0.3	0.3	0.3	4.4	4.4	4.4	16.2	16.2	16.2	0.0	0.0	0.0	0.9	0.9	0.9	1.9	1.9	1.9	0.3	0.3	0.3			
1	Region 34	10.2	10.2	10.2	3.1	3.1	3.1	13.3	13.3	13.3	0.2	0.2	0.2	0.0	0.0	0.0	13.5	13.5	13.5	1.4	1.4	1.4	2.4	2.4	2.4	1.4	1.4	1.4	0.7	0.7	0.7			
77	Ave WM 3	13.0			2.7			15.7			0.3			0.3			16.3			0.8			2.6			2.2			0.8					
	Min WM 3	3.0			0.3			11.4			0.0			0.0			12.4			0.0			0.6			0.5			0.0					
	Max WM 3	27.9			8.8			28.9			0.7			4.4			29.6			2.3			5.4			6.7			2.8					
GRADE: COM																																		
1	Region 19	26.0	26.0	26.0	4.0	4.0	4.0	30.0	30.0	30.0	0.4	0.4	0.4	0.8	0.8	0.8	31.2	31.2	31.2	1.9	1.9	1.9	9.0	9.0	9.0	3.1	3.1	3.1	1.4	1.4	1.4			
1	Region 20	26.9	26.9	26.9	2.8	2.8	2.8	29.7	29.7	29.7	0.3	0.3	0.3	0.5	0.5	0.5	30.5	30.5	30.5	0.9	0.9	0.9	9.0	9.0	9.0	4.2	4.2	4.2	0.9	0.9	0.9			
2	Ave COM	26.4			3.4			29.9			0.3			0.6			30.8			1.4			9.0			3.6			1.2					
	Min COM	26.0			2.8			29.7			0.3			0.5			30.5			0.9			9.0			3.1			0.9					
	Max COM	26.9			4.0			30.0			0.4			0.8			31.2			1.9			9.0			4.2			1.4					
593	Ave white maize	6.0			1.8			7.9			0.2			0.3			8.3			0.5			1.3			1.2			0.3					
	Min white maize	0.5			0.0			1.0			0.0			0.0			1.0			0.0			0.0			0.0			0.0					
	Max white maize	27.9			8.8			30.0			0.7			5.0			31.2			2.3			9.0			6.7			3.0					
900	Ave maize	5.9			1.9			7.8			0.2			0.3			8.2			0.4			1.3			1.1			0.3					
	Min maize	0.5			0.0			1.0			0.0			0.0			1.0			0.0			0.0			0.0			0.0					
	Max maize	27.9			9.8			30.0			0.7			16.7			32.7			2.4			9.0			6.7			3.9					