

TABLE 3: RSA GRADING OF YELLOW MAIZE (2006/2007)

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.
GRADE: YM 1																															
11	Region 10	1.9	1.2	2.3	1.4	1.2	1.9	3.3	2.5	3.9	0.1	0.1	0.2	0.0	0.0	0.0	3.4	2.6	4.1	0.0	0.0	0.0	0.3	0.0	0.4	0.6	0.0	0.9	0.1	0.0	0.4
25	Region 11	1.0	0.2	2.1	1.7	0.6	2.9	2.8	1.7	3.7	0.1	0.0	0.2	0.1	0.0	1.4	2.9	1.7	3.8	0.0	0.0	0.2	0.0	0.0	0.2	0.2	0.0	0.6	0.0	0.0	0.2
5	Region 12	3.4	0.8	5.6	1.9	0.8	2.6	5.3	1.6	8.0	0.1	0.1	0.2	0.0	0.0	0.0	5.5	1.7	8.1	0.0	0.0	0.0	0.1	0.0	0.5	0.3	0.0	0.9	0.0	0.0	0.0
5	Region 13	2.6	1.2	4.3	2.1	1.2	3.4	4.8	2.8	7.3	0.1	0.1	0.2	0.1	0.0	0.6	5.0	3.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	Region 14	2.1	0.9	4.5	1.3	0.3	3.2	3.4	1.3	6.8	0.1	0.0	0.2	0.1	0.0	0.7	3.6	1.3	6.9	0.0	0.0	0.4	0.2	0.0	0.6	0.2	0.0	1.2	0.0	0.0	0.2
9	Region 15	1.3	0.8	3.7	1.9	1.6	2.5	3.2	2.6	5.3	0.1	0.0	0.2	0.0	0.0	0.2	3.3	2.7	5.3	0.2	0.0	2.1	0.1	0.0	0.3	0.1	0.0	0.4	0.1	0.0	0.3
2	Region 16	5.6	5.2	5.9	1.4	1.2	1.5	7.0	6.7	7.2	0.2	0.2	0.3	0.3	0.2	0.5	7.5	7.2	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Region 17	2.6	0.6	4.7	1.6	0.5	3.0	4.2	1.0	5.7	0.1	0.0	0.1	0.2	0.0	0.5	4.5	1.5	6.3	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
10	Region 18	1.6	0.9	4.0	1.9	0.9	3.5	3.5	2.0	7.5	0.1	0.0	0.3	0.1	0.0	0.5	3.7	2.0	8.1	0.4	0.0	2.5	0.1	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0
5	Region 19	3.3	1.4	5.1	2.3	1.2	3.4	5.6	2.7	7.6	0.1	0.1	0.1	0.2	0.0	0.6	6.0	2.9	8.3	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.4	0.0	0.0	0.0
6	Region 20	2.6	1.1	4.3	2.2	1.8	3.1	4.7	2.9	6.1	0.1	0.1	0.2	0.2	0.0	0.6	5.1	3.1	6.3	0.0	0.0	0.0	0.1	0.0	0.4	0.1	0.0	0.4	0.0	0.0	0.2
2	Region 21	0.9	0.8	0.9	2.6	2.5	2.8	3.5	3.3	3.7	0.2	0.1	0.2	0.4	0.0	0.9	4.1	3.4	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	Region 22	0.7	0.4	1.2	1.6	1.0	2.8	2.4	1.7	3.3	0.1	0.0	0.2	0.3	0.0	0.7	2.8	1.7	3.9	0.0	0.0	0.0	0.2	0.0	0.5	0.1	0.0	0.5	0.0	0.0	0.2
9	Region 23	0.9	0.2	1.7	2.3	1.6	2.9	3.2	1.9	4.6	0.1	0.0	0.2	0.2	0.0	0.7	3.5	2.1	4.7	0.0	0.0	0.2	0.1	0.0	0.4	0.1	0.0	0.4	0.0	0.0	0.2
12	Region 24	1.2	0.4	2.4	2.2	1.0	3.8	3.4	1.8	4.3	0.1	0.0	0.3	0.2	0.0	1.0	3.7	1.9	5.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.0
12	Region 25	1.6	0.6	4.1	2.6	0.2	4.0	4.2	2.3	6.9	0.2	0.0	0.2	0.1	0.0	1.1	4.5	3.4	7.1	0.0	0.0	0.0	0.2	0.0	0.5	0.3	0.0	0.7	0.0	0.0	0.2
10	Region 26	1.6	0.0	3.8	2.3	0.9	3.4	3.9	0.9	5.5	0.1	0.0	0.2	0.0	0.0	0.2	4.0	0.9	5.5	0.2	0.0	1.2	0.1	0.0	0.4	0.0	0.0	0.3	0.0	0.0	0.3
4	Region 27	1.5	0.3	2.8	2.5	1.8	3.7	4.0	2.1	5.1	0.1	0.0	0.3	0.1	0.0	0.5	4.2	2.2	5.9	0.0	0.0	0.1	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
19	Region 28	2.0	0.7	3.4	2.0	0.6	3.8	4.0	1.3	6.6	0.1	0.1	0.2	0.1	0.0	0.4	4.2	1.4	6.8	0.1	0.0	2.3	0.2	0.0	0.8	0.1	0.0	0.4	0.1	0.0	0.4
16	Region 29	1.6	0.8	5.4	2.1	0.9	4.0	3.7	2.3	8.0	0.2	0.1	0.3	0.1	0.0	0.4	3.9	2.5	8.3	0.0	0.0	0.7	0.2	0.0	1.4	0.1	0.0	0.8	0.1	0.0	0.4
20	Region 30	1.6	0.4	4.1	1.8	0.4	3.6	3.3	1.0	5.5	0.1	0.0	0.3	0.3	0.0	1.0	3.8	1.4	5.8	0.0	0.0	0.0	0.2	0.0	0.7	0.1	0.0	0.5	0.1	0.0	0.3
9	Region 31	1.7	0.6	3.4	1.9	0.5	3.3	3.6	1.8	5.2	0.1	0.0	0.1	0.0	0.0	0.0	3.7	2.0	5.2	0.1	0.0	0.6	0.1	0.0	0.3	0.1	0.0	0.7	0.1	0.0	0.3
12	Region 32	1.3	0.7	1.7	1.2	0.4	3.0	2.5	1.3	4.3	0.1	0.0	0.3	0.1	0.0	0.4	2.7	1.3	4.8	0.1	0.0	1.1	0.1	0.0	0.4	0.1	0.0	0.3	0.0	0.0	0.2
16	Region 33	1.8	0.5	3.9	1.9	0.6	3.5	3.6	1.7	7.4	0.1	0.0	0.3	0.2	0.0	0.7	4.0	2.0	7.9	0.0	0.0	0.7	0.2	0.0	0.8	0.2	0.0	0.5	0.1	0.0	0.3
5	Region 34	1.3	0.9	2.2	2.1	1.0	3.3	3.4	2.1	5.2	0.1	0.0	0.2	0.2	0.0	0.6	3.7	2.3	5.2	0.4	0.0	1.3	0.1	0.0	0.3	0.1	0.0	0.4	0.0	0.0	0.0
8	Region 35	1.7	0.9	2.9	1.4	0.9	2.1	3.1	2.3	4.8	0.1	0.0	0.2	0.0	0.0	0.4	3.3	2.3	5.0	0.0	0.0	0.0	0.1	0.0	0.4	0.1	0.0	0.5	0.1	0.0	0.4
4	Region 36	1.2	0.8	1.5	3.2	2.4	3.7	4.4	3.8	4.6	0.1	0.0	0.1	0.1	0.0	0.2	4.5	4.0	4.8	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262	Ave YM 1	1.7			1.9	0.2		3.6	0.9	8.0	0.1	0.0	0.3	0.1	0.0	1.4	3.8	0.9	8.3	0.1	0.0	2.5	0.1	0.0	1.4	0.1	0.0	1.2	0.0	0.0	0.4
	Min YM 1	0.0			0.2			0.9		8.0	0.0	0.0	0.3	0.0	0.0	1.4		0.9		0.0		2.5	0.0	0.0	1.4	0.0	0.0	1.2	0.0	0.0	0.4
	Max YM 1	5.9			4.0			8.0		8.0	0.3	0.3	0.3	1.4	0.0	1.4	8.3	0.9	8.3	0.9	0.0	2.5	0.1	0.0	1.4	0.1	0.0	1.2	0.0	0.0	0.4

TABLE 3: RSA GRADING OF YELLOW MAIZE (2006/2007) (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.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.													
		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.													
GRADE: YM 2																																		
2	Region 12	7.6	7.0	8.1	4.2	1.2	7.1	11.7	8.2	15.2	0.2	0.2	0.2	2.7	1.8	3.6	14.6	10.2	19.0	0.0	0.0	0.0	0.4	0.0	0.8	0.2	0.0	0.4	0.1	0.0	0.2			
2	Region 13	5.3	2.0	8.6	4.7	1.5	7.9	9.9	9.9	10.0	0.2	0.2	0.2	0.2	0.0	0.4	10.3	10.1	10.6	0.0	0.0	0.0	0.3	0.0	0.5	0.7	0.0	1.4	0.0	0.0	0.0			
1	Region 14	7.4	7.4	7.4	2.6	2.6	2.6	10.0	10.0	10.0	0.2	0.2	0.2	0.0	0.0	0.0	10.2	10.2	10.2	0.0	0.0	0.0	1.3	1.3	1.3	0.4	0.4	0.4	0.0	0.0	0.0			
2	Region 16	5.5	2.7	8.2	3.0	2.4	3.6	8.4	5.1	11.8	0.1	0.1	0.1	2.2	0.0	4.4	10.8	9.6	11.9	0.0	0.0	0.0	1.0	0.4	1.6	0.9	0.4	1.4	0.5	0.3	0.7			
2	Region 17	7.2	5.5	8.9	2.0	1.1	3.0	9.2	8.5	10.0	0.2	0.1	0.2	0.7	0.0	1.4	10.1	10.0	10.1	0.0	0.0	0.0	0.5	0.5	0.5	0.2	0.0	0.4	0.0	0.0	0.0			
1	Region 18	4.4	4.4	4.4	4.2	4.2	4.2	8.6	8.6	8.6	0.2	0.2	0.2	0.0	0.0	0.0	8.8	8.8	8.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	Region 19	3.2	1.0	4.8	6.4	5.2	7.8	9.5	7.0	11.2	0.2	0.2	0.3	0.1	0.0	0.4	9.8	7.2	11.9	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	Region 20	3.5	3.0	4.1	5.4	4.9	5.9	8.9	7.8	10.0	0.2	0.1	0.2	1.2	0.4	2.1	10.3	10.0	10.6	0.0	0.0	0.0	0.6	0.4	0.7	0.7	0.5	0.9	0.4	0.3	0.6	0.6		
3	Region 21	3.0	1.1	4.3	4.6	2.1	5.9	7.6	6.4	9.3	0.1	0.0	0.2	0.8	0.0	2.2	8.6	7.2	9.9	0.0	0.0	0.0	0.2	0.0	0.5	0.2	0.0	0.6	0.0	0.0	0.0	0.0		
1	Region 22	4.4	4.4	4.4	3.3	3.3	3.3	7.7	7.7	7.7	0.2	0.2	0.2	3.2	3.2	3.2	11.2	11.2	11.2	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1	Region 23	1.1	1.1	1.1	2.4	2.4	3.4	3.6	3.6	3.6	0.4	0.4	0.4	0.1	0.1	0.1	4.2	4.2	4.2	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
2	Region 24	5.1	1.8	8.5	2.8	1.4	4.1	7.9	5.9	9.9	0.2	0.1	0.3	0.4	0.2	0.6	8.5	6.8	10.2	0.0	0.0	0.0	0.1	0.0	0.3	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
5	Region 25	2.0	0.7	4.8	5.2	4.6	5.7	7.1	6.0	10.0	0.2	0.1	0.2	0.0	0.0	0.0	7.3	6.2	10.1	0.0	0.0	0.0	0.2	0.0	0.7	0.4	0.0	1.4	0.1	0.0	0.5	0.5		
1	Region 26	6.0	6.0	6.0	2.9	2.9	2.9	8.9	8.9	8.9	0.0	0.0	0.0	0.4	0.4	0.4	9.3	9.3	9.3	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 27	1.8	1.8	1.8	4.1	4.1	4.1	5.9	5.9	5.9	0.3	0.3	0.3	0.9	0.9	0.9	7.1	7.1	7.1	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
5	Region 28	1.7	0.7	3.2	5.0	4.4	6.2	6.7	5.1	9.0	0.2	0.1	0.3	0.2	0.0	0.7	7.1	5.3	9.2	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	0.2	0.1	0.0	0.2	0.2	0.2	
2	Region 29	1.6	1.0	2.2	4.9	4.6	5.2	6.5	6.2	6.8	0.2	0.2	0.2	0.0	0.0	0.0	6.7	6.4	6.9	0.0	0.0	0.0	0.2	0.0	0.3	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
5	Region 30	2.2	0.5	6.2	5.9	2.7	8.6	8.1	6.0	10.6	0.2	0.1	0.3	0.1	0.0	0.3	8.4	6.2	10.9	0.0	0.0	0.0	0.2	0.0	0.7	0.1	0.0	0.4	0.1	0.0	0.4	0.4		
5	Region 31	6.2	5.4	7.3	3.5	2.7	4.0	9.8	9.4	10.0	0.2	0.2	0.3	0.2	0.0	0.4	10.2	9.8	10.5	0.0	0.0	0.0	0.8	0.3	1.2	0.4	0.2	0.7	0.0	0.0	0.2	0.2	0.2	
4	Region 32	5.3	3.6	7.2	4.0	2.7	5.4	9.3	8.9	9.9	0.2	0.1	0.3	0.2	0.0	0.4	9.8	9.5	10.0	0.0	0.0	0.0	0.8	0.5	1.1	0.6	0.3	1.2	0.1	0.0	0.3	0.3		
3	Region 33	2.1	1.4	2.9	7.4	5.1	9.1	9.5	7.2	10.9	0.2	0.1	0.3	0.0	0.0	0.0	9.7	7.5	11.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.4	0.1	0.0	0.2	0.2	0.2	
6	Region 34	3.3	0.8	5.8	5.2	3.1	7.7	8.5	7.3	9.6	0.2	0.0	0.4	0.2	0.0	0.5	8.9	7.4	10.2	0.0	0.0	0.2	0.5	0.0	1.6	0.3	0.0	0.9	0.1	0.0	0.4	0.4		
60	Ave YM 2	3.8			4.7			8.4	3.6		0.2			0.4			9.1	4.2		0.0		0.4			0.3		0.0		0.1					
	Min YM 2	0.5			1.1			3.6			0.0			0.0			4.2			0.0		0.0			0.0		0.0		0.0					
	Max YM 2	8.9			9.1			15.2			0.4			4.4			19.0			0.4		0.4			1.6		1.4		0.7					

TABLE 3: RSA GRADING OF YELLOW MAIZE (2006/2007) (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.
GRADE: YM 3																																
1	Region 12	16.9	16.9	16.9	2.7	2.7	2.7	19.6	19.6	19.6	0.2	0.2	0.2	1.2	1.2	1.2	21.0	21.0	21.0	0.0	0.0	0.0	0.9	0.9	0.9	1.7	1.7	1.7	0.4	0.4	0.4	
1	Region 13	3.2	3.2	3.2	11.3	11.3	11.3	14.4	14.4	14.4	0.2	0.2	0.2	0.0	0.0	0.0	14.6	14.6	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	Region 17	20.4	18.9	21.9	2.7	2.6	2.9	23.1	21.7	24.5	0.3	0.3	0.3	0.9	0.6	1.1	24.3	23.1	25.4	0.2	0.0	0.4	1.0	0.0	2.1	0.2	0.0	0.3	0.0	0.0	0.0	
1	Region 19	3.7	3.7	3.7	14.5	14.5	14.5	18.2	18.2	18.2	0.1	0.1	0.1	0.4	0.4	0.4	18.7	18.7	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1	Region 23	1.3	1.3	1.3	4.7	4.7	4.7	6.0	6.0	6.0	0.6	0.6	0.6	4.6	4.6	4.6	11.2	11.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4	0.0	0.0	0.0	
1	Region 35	1.0	1.0	1.0	17.3	17.3	17.3	18.4	18.4	18.4	0.1	0.1	0.1	0.0	0.0	0.0	18.5	18.5	18.5	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
7	Ave YM 3	9.6			8.0			17.5			0.3			1.1			18.9			0.1			0.4			0.3			0.1			
	Min YM 3	1.0			2.6			6.0			0.1			0.0			11.2			0.0			0.0			0.0			0.0			
	Max YM 3	21.9			17.3			24.5			0.6			4.6			25.4			0.4			2.1			1.7			0.4			
GRADE: COM																																
3	Region 14	11.4	1.0	21.5	2.8	1.1	4.6	14.2	2.0	26.0	0.9	0.8	1.1	0.8	0.0	1.3	15.9	4.0	28.4	0.0	0.0	0.0	1.2	0.0	2.2	1.9	0.0	4.0	0.0	0.0	0.0	
1	Region 15	29.0	29.0	29.0	7.0	7.0	7.0	36.0	36.0	36.0	0.0	0.0	0.0	0.4	0.4	0.4	36.5	36.5	36.5	0.0	0.0	0.0	1.5	1.5	1.5	3.6	3.6	3.6	0.0	0.0	0.0	
2	Region 16	66.0	64.2	67.7	1.4	1.2	1.7	67.4	65.4	69.4	0.1	0.0	0.3	0.3	0.3	0.3	67.8	65.7	70.0	0.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 25	2.1	2.1	2.1	3.5	3.5	3.5	5.6	5.6	5.6	1.1	1.1	1.1	0.2	0.2	0.2	6.9	6.9	6.9	0.0	0.0	0.0	0.5	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2
1	Region 30	0.4	0.4	0.4	0.9	0.9	0.9	1.3	1.3	1.3	1.9	1.9	1.9	0.0	0.0	0.0	3.2	3.2	3.2	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
8	Ave COM	24.7			2.9			27.5			0.8			0.4			28.8			0.2			0.7			1.2			0.0			
	Min COM	0.4			0.9			1.3			0.0			0.0			3.2			0.0			0.0			0.0			0.0			
	Max COM	67.7			7.0			69.4			1.9			1.3			70.0			1.3			2.2			4.0			0.2			
337	Ave yellow maize	2.8			2.5			5.3			0.2			0.2			5.7			0.1			0.2			0.2			0.0			
	Min yellow maize	0.0			0.2			0.9			0.0			0.0			0.9			0.0			0.0			0.0			0.0			
	Max yellow maize	67.7			17.3			69.4			1.9			4.6			70.0			2.5			2.2			4.0			0.0			
900	Ave maize	2.9			2.2			5.1			0.2			0.2			5.4			0.0			0.2			0.2			0.0			
	Min maize	0.0			0.1			0.3			0.0			0.0			0.4			0.0			0.0			0.0			0.0			
	Max maize	67.7			17.3			69.4			1.9			13.5			70.0			2.5			2.9			6.7			0.0			

COM: Class Other Maize