

TABLE 3: RSA GRADING OF YELLOW MAIZE (2008/2009)

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.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.	ave.	max.							
		ave.	max.	ave.	max.																							
GRADE: YM 1																												
15	Region 10	1.2	0.5	4.2	1.6	0.9	2.7	2.9	1.5	5.0	0.2	0.1	0.3	3.0	1.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4			
12	Region 11	1.2	0.5	1.9	2.0	0.0	3.3	3.2	1.3	4.8	0.1	0.0	0.3	3.3	1.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
5	Region 12	1.5	0.5	2.6	1.6	0.5	2.6	3.1	1.8	5.2	0.1	0.1	0.2	3.3	2.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
4	Region 13	2.9	1.3	6.2	1.2	0.4	1.8	4.2	1.7	8.0	0.1	0.1	0.2	4.8	2.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7		
12	Region 14	1.5	0.6	3.1	1.8	0.1	3.9	3.2	0.9	5.4	0.1	0.0	0.3	3.5	0.9	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
7	Region 15	2.8	1.1	4.1	1.8	1.1	2.3	4.6	2.1	6.3	0.1	0.1	0.2	4.7	2.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
8	Region 16	2.2	1.0	3.7	1.8	1.1	2.9	4.0	2.8	5.6	0.2	0.1	0.2	4.4	2.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
11	Region 17	2.2	0.6	4.5	1.9	0.5	3.6	4.1	1.5	8.1	0.1	0.0	0.3	4.4	1.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5		
4	Region 18	1.2	0.6	1.6	2.8	1.9	3.6	3.9	2.4	4.6	0.2	0.2	0.2	4.5	3.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2		
3	Region 19	2.9	1.8	4.1	2.6	1.3	3.8	5.5	5.4	5.6	0.2	0.0	0.3	6.0	5.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4		
5	Region 20	2.2	1.7	2.7	2.2	1.2	2.9	4.3	3.4	5.3	0.2	0.1	0.2	4.6	3.8	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
7	Region 21	2.2	0.5	3.7	1.9	1.1	3.1	4.1	2.1	5.7	0.2	0.1	0.2	4.6	3.0	5.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
4	Region 22	1.7	0.9	3.2	1.8	1.4	2.9	3.5	2.4	6.1	0.2	0.1	0.2	4.0	2.5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3		
8	Region 23	2.6	1.5	3.3	2.4	1.2	3.3	5.0	2.7	6.5	0.2	0.1	0.2	5.3	4.1	6.7	0.1	0.0	0.3	0.3	0.0	0.6	0.9	0.4	1.7	0.1	0.0	0.4
4	Region 24	1.7	0.7	3.1	2.4	1.7	3.6	4.1	2.4	5.4	0.2	0.2	0.3	4.3	2.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
23	Region 25	1.9	0.9	3.2	1.4	0.7	2.2	3.3	1.9	5.0	0.1	0.1	0.2	3.5	2.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	Region 26	2.0	1.0	2.9	2.0	0.3	3.3	4.0	1.5	5.6	0.1	0.0	0.2	4.3	1.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
10	Region 27	2.4	1.1	3.6	2.1	1.3	3.3	4.5	3.6	5.5	0.2	0.1	0.3	4.7	3.8	5.7	0.0	0.0	0.3	0.2	0.0	0.4	0.8	0.0	1.3	0.2	0.0	0.7
46	Region 28	2.5	1.1	4.5	2.0	0.0	4.0	4.4	2.5	7.2	0.1	0.0	0.2	4.7	2.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
5	Region 29	1.9	0.9	3.2	2.0	1.3	3.1	3.9	2.2	4.7	0.2	0.1	0.3	4.3	3.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
23	Region 30	2.3	0.9	4.4	2.0	0.9	3.3	4.3	2.1	7.1	0.1	0.1	0.3	4.5	2.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
21	Region 31	1.6	0.6	3.5	1.7	0.8	3.1	3.4	2.2	5.1	0.1	0.1	0.2	3.6	2.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
15	Region 32	1.6	0.7	3.1	1.9	0.2	3.4	3.5	2.0	4.9	0.2	0.1	0.3	3.7	2.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	
4	Region 33	2.4	2.0	2.9	2.1	1.5	2.8	4.5	3.9	5.7	0.2	0.1	0.3	4.7	4.2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
8	Region 34	1.8	0.8	3.5	1.4	0.5	2.5	3.3	2.1	4.3	0.2	0.1	0.3	3.5	2.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	
12	Region 35	1.5	0.6	3.1	1.5	0.8	3.9	2.9	1.4	6.5	0.1	0.1	0.2	3.0	1.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	
7	Region 36	3.3	0.9	4.6	1.6	0.4	3.3	4.9	1.3	7.8	0.1	0.1	0.3	5.2	1.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	
297	Ave YM 1	2.0			1.8			3.9			0.1			4.1			0.0										0.1	
	Min YM 1	0.5			0.0			0.9			0.0			0.9			0.0										0.0	
	Max YM 1			6.2			4.0			8.1			8.6														0.7	

TABLE 3: RSA GRADING OF YELLOW MAIZE (2008/2009) (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.	ave.																			min.	max.	ave.
GRADE: YM 2																										
1	Region 10	1.4	1.4	1.4	2.5	2.5	2.5	3.9	3.9	3.9	0.4	0.4	0.4	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	
1	Region 12	6.5	6.5	6.5	2.1	2.1	2.1	8.6	8.6	8.6	0.3	0.3	0.3	9.5	9.5	9.5	0.0	0.0	0.0	0.4	0.4	0.4	3.1	3.1	3.1	
2	Region 13	11.0	8.8	13.3	1.3	1.2	1.3	12.3	10.0	14.6	0.2	0.2	0.2	13.4	11.3	15.5	0.0	0.0	0.0	1.3	1.0	1.6	3.2	2.9	3.4	
1	Region 17	2.6	2.6	2.6	5.0	5.0	5.0	7.6	7.6	7.6	0.1	0.1	0.1	8.2	8.2	8.2	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.4	0.4	
1	Region 18	0.8	0.8	0.8	6.3	6.3	6.3	7.1	7.1	7.1	0.2	0.2	0.2	7.6	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	
2	Region 19	3.7	3.7	3.8	3.9	3.4	4.4	7.6	7.2	8.0	0.3	0.2	0.5	8.5	8.2	8.8	0.0	0.0	0.0	0.4	0.3	0.4	1.1	1.0	1.1	
1	Region 20	6.1	6.1	6.1	2.3	2.3	2.3	8.4	8.4	8.4	0.2	0.2	0.2	9.3	9.3	9.3	0.0	0.0	0.0	0.4	0.4	0.4	1.8	1.8	1.8	
1	Region 25	1.1	1.1	1.1	6.2	6.2	6.2	7.2	7.2	7.2	0.4	0.4	0.4	7.9	7.9	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	
1	Region 26	2.4	2.4	2.4	6.1	6.1	6.1	8.5	8.5	8.5	0.3	0.3	0.3	9.0	9.0	9.0	0.0	0.0	0.0	0.2	0.2	0.2	0.9	0.9	0.9	
1	Region 28	5.8	5.8	5.8	2.6	2.6	2.6	8.4	8.4	8.4	0.3	0.3	0.3	9.6	9.6	9.6	0.0	0.0	0.0	0.4	0.4	0.4	1.6	1.6	1.6	
3	Region 30	5.4	4.2	6.7	3.3	2.5	4.8	8.7	8.0	9.2	0.2	0.1	0.2	10.1	9.2	11.2	0.0	0.0	0.0	0.5	0.4	0.8	1.5	0.9	1.9	
4	Region 31	5.0	1.7	6.5	4.5	3.5	6.4	9.5	8.1	10.1	0.1	0.1	0.2	9.7	8.3	10.2	0.0	0.0	0.0	0.4	0.0	0.7	1.4	0.2	1.8	
1	Region 33	6.9	6.9	6.9	3.4	3.4	3.4	10.2	10.2	10.2	0.2	0.2	0.2	10.5	10.5	10.5	0.0	0.0	0.0	0.8	0.8	0.8	1.4	1.4	1.4	
1	Region 34	5.6	5.6	5.6	2.9	2.9	2.9	8.5	8.5	8.5	0.2	0.2	0.2	10.3	10.3	10.3	0.0	0.0	0.0	0.4	0.4	0.4	1.3	1.3	1.3	
1	Region 35	0.7	0.7	0.7	4.6	4.6	4.6	5.2	5.2	5.2	0.2	0.2	0.2	5.4	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	Region 36	5.7	3.2	7.5	3.1	1.6	4.8	8.8	7.9	9.3	0.3	0.2	0.5	9.9	8.3	11.2	0.0	0.0	0.0	0.3	0.0	0.4	1.7	0.4	3.0	
25	Ave YM2	4.9	0.7	13.3	3.7	1.2	6.4	8.6	3.9	14.6	0.2	0.1	0.5	9.4	4.3	15.5	0.0	0.0	0.0	0.4	0.0	1.6	1.4	0.0	3.4	
	Min YM2																								0.0	
	Max YM2																									2.5

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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.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: YM3																									
1	Region 17	0.9	0.9	0.9	10.6	10.6	10.6	11.5	11.5	11.5	0.3	0.3	0.3	0.0	0.0	0.0	11.8	11.8	11.8	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 30	1.7	1.7	1.7	1.9	1.9	1.9	3.5	3.5	3.5	0.6	0.6	0.6	0.0	0.0	0.0	4.1	4.1	4.1	0.0	0.0	0.0	0.3	0.3	0.3
2	Ave YM3	1.3			6.2			7.5			0.4			0.0			8.0			0.0			0.1		
	Min YM3	0.9			1.9			3.5			0.3			0.0			4.1			0.0			0.0		
	Max YM3	1.7			10.6			11.5			0.6			0.0			11.8			0.0			0.3		
GRADE: COM																									
1	Region 16	1.7	1.7	1.7	3.8	3.8	3.8	5.5	5.5	5.5	3.1	3.1	3.1	1.9	1.9	1.9	10.4	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 19	15.1	15.1	15.1	0.9	0.9	0.9	16.1	16.1	16.1	0.2	0.2	0.2	13.3	13.3	13.3	29.6	29.6	29.6	0.0	0.0	0.0	1.3	1.3	1.3
1	Region 32	1.6	1.6	1.6	2.3	2.3	2.3	3.8	3.8	3.8	0.2	0.2	0.2	6.4	6.4	6.4	10.4	10.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0
3	Ave COM	6.1			2.3			8.5			1.2			7.2			16.8			0.0			0.4		
	Min COM	1.6			0.9			3.8			0.2			1.9			10.4			0.0			0.0		
	Max COM	15.1			3.8			16.1			3.1			13.3			29.6			0.0			1.3		
327	Ave yellow maize	2.3			2.0			4.3			0.2			0.2			4.7			0.0			0.1		
	Min yellow maize	0.5			0.0			0.9			0.0			0.0			0.9			0.0			0.0		
	Max yellow maize	15.1			10.6			16.1			3.1			13.3			29.6			0.4			1.6		
810	Ave maize	2.5			1.8			4.2			0.2			0.2			4.6			0.0			0.1		
	Min maize	0.4			0.0			0.9			0.0			0.0			0.9			0.0			0.0		
	Max maize	16.9			10.6			17.9			4.0			13.3			29.6			0.6			1.6		