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

Number of samples	Region	% Defective Kernels						%			%			%			%			%			%			%			%		
		Above 6.35 mm sieve			Below 6.35 mm sieve			Total defective			Foreign matter			Another Colour			Total Deviation			Pinked Kernels			Diplodia Kernels			Fusarium Kernels			Cobrot Kernels		
		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**			**3.6**			**0.1**			**0.1**			**3.8**			**0.1**			**0.1**			**0.1**			**0.0**		
	Min YM 1		**0.0**			**0.2**			**0.9**			**0.0**			**0.0**			**0.9**			**0.0**			**0.0**			**0.0**			**0.0**	
	Max YM 1			**5.9**			**4.0**			**8.0**			**0.3**			**1.4**			**8.3**			**2.5**			**1.4**			**1.2**			**0.4**

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

Number of samples	Region	% Defective Kernels						%			%			%			%			%			%			%			%		
		Above 6.35 mm sieve			Below 6.35 mm sieve			Total defective			Foreign matter			Another Colour			Total Deviation			Pinked Kernels			Diplodia Kernels			Fusarium Kernels			Cobrot Kernels		
		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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
60	**Ave YM 2**	**3.8**			**4.7**			**8.4**			**0.2**			**0.4**			**9.1**			**0.0**			**0.4**			**0.3**			**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**	
	Max YM 2			**8.9**			**9.1**			**15.2**			**0.4**			**4.4**			**19.0**			**0.4**			**1.6**			**1.4**			**0.7**

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

Number of samples	Region	% Defective Kernels						%			%			%			%			%			%			%			%		
		Above 6.35 mm sieve			Below 6.35 mm sieve			Total defective			Foreign matter			Another Colour			Total Deviation			Pinked Kernels			Diplodia Kernels			Fusarium Kernels			Cobrot Kernels		
		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 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
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
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
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
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**			**0.7**
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**			**1.0**

COM: Class Other Maize