TABLE 3: RSA GRADING OF YELLOW MAIZE (2003/2004)

Number of samples	Region	% Defective Kernels Above 6.35 mm sieve			% Defective Kernels 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																															
8	Region 10	1.1	0.6	2.9	1.0	0.5	2.7	2.0	1.2	5.7	0.2	0.1	0.2	0.0	0.0	0.1	2.2	1.2	5.9	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
25	Region 11	2.0	0.7	3.9	2.2	1.2	3.6	4.2	2.2	6.3	0.3	0.2	0.3	0.1	0.0	0.8	4.6	2.4	6.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.0	0.0	0.3
8	Region 12	4.1	3.0	6.0	2.2	1.3	3.3	6.3	4.3	8.6	0.3	0.2	0.3	0.0	0.0	0.0	6.6	4.5	8.9	0.3	0.0	2.1	0.0	0.0	0.0	0.1	0.0	0.4	0.0	0.0	0.0
5	Region 13	3.6	2.6	5.3	1.7	1.4	1.8	5.2	4.2	7.0	0.3	0.2	0.3	0.3	0.0	0.9	5.8	4.4	7.3	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	Region 14	4.0	3.0	5.2	1.9	1.3	3.5	5.9	4.3	8.2	0.3	0.2	0.3	0.0	0.0	0.0	6.1	4.6	8.6	0.8	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Region 15	3.5	2.9	4.1	1.9	1.7	2.1	5.3	4.6	6.2	0.3	0.3	0.3	0.0	0.0	0.0	5.6	4.9	6.5	0.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 16	3.8	3.8	3.8	1.8	1.8	1.8	5.6	5.6	5.6	0.3	0.3	0.3	0.0	0.0	0.0	5.8	5.8	5.8	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 17	4.2	2.8	5.4	1.9	1.3	2.7	6.1	4.5	8.0	0.2	0.2	0.3	0.2	0.0	0.8	6.5	4.8	8.3	0.3	0.0	1.0	0.1	0.0	0.3	0.3	0.0	0.7	0.3	0.0	0.7
8	Region 18	3.9	3.0	4.5	1.9	1.3	3.1	5.9	4.7	7.3	0.3	0.2	0.3	0.2	0.0	1.3	6.4	5.0	8.2	0.0	0.0	0.0	0.1	0.0	0.4	0.2	0.0	0.7	0.5	0.0	1.4
5	Region 19	3.8	2.8	4.6	2.0	1.7	2.8	5.9	4.5	6.8	0.3	0.2	0.4	0.0	0.0	0.0	6.2	4.8	7.1	0.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Region 20	4.2	2.5	5.8	2.0	0.7	2.9	6.2	3.2	8.3	0.3	0.3	0.3	0.0	0.0	0.0	6.5	3.5	8.6	0.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	Region 21	1.8	1.8	1.8	2.2	2.2	2.2	4.0	4.0	4.0	0.0	0.0	0.0	0.2	0.2	0.2	4.2	4.2	4.2	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.2	0.3	0.0	0.3
6	Region 22	3.0	1.2	3.8	1.5	0.9	1.8	4.5	2.9	5.6	0.3	0.2	0.3	0.3	0.0	1.4	5.1	3.2	7.0	0.0	0.0	0.0	0.1	0.0	0.3	0.1	0.0	0.3	0.2	0.0	0.7
18	Region 23	3.1	1.1	5.3	1.9	1.0	2.8	5.1	2.2	7.3	0.2	0.2	0.3	0.2	0.0	1.3	5.5	2.4	8.4	0.5	0.0	2.5	0.0	0.0	0.2	0.0	0.0	0.3	0.2	0.0	0.7
13	Region 24	2.7	1.3	4.7	1.8	0.8	2.6	4.5	2.0	5.7	0.3	0.2	0.3	0.2	0.0	0.8	5.0	2.6	6.7	0.3	0.0	1.5	0.0	0.0	0.3	0.1	0.0	0.4	0.2	0.0	0.4
15	Region 25	3.0	1.8	4.5	1.9	0.9	3.8	4.9	3.2	6.6	0.3	0.2	0.3	0.1	0.0	0.4	5.2	3.9	6.8	0.4	0.0	1.9	0.0	0.0	0.0	0.1	0.0	0.8	0.0	0.0	0.3
18	Region 26	3.5	1.7	5.2	2.0	1.3	2.8	5.5	4.0	8.0	0.3	0.2	0.3	0.3	0.0	1.2	6.1	4.8	8.3	0.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.7
10	Region 27	2.9	1.8	4.4	1.9	1.1	3.3	4.8	3.2	7.7	0.3	0.2	0.3	0.0	0.0	0.3	5.1	3.8	7.9	0.5	0.0	1.7	0.0	0.0	0.3	0.3	0.0	0.6	0.2	0.0	0.7
19	Region 28	3.4	2.3	5.7	2.4	1.5	3.9	5.8	4.3	8.4	0.2	0.2	0.3	0.1	0.0	1.0	6.1	4.5	8.6	0.4	0.0	1.9	0.0	0.0	0.3	0.1	0.0	0.9	0.0	0.0	0.4
12	Region 29	3.7	2.7	4.5	1.9	1.1	3.3	5.5	4.4	7.4	0.3	0.2	0.3	0.1	0.0	0.6	5.8	4.6	7.7	0.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6
3	Region 30	4.7	3.8	6.3	2.1	1.8	2.7	6.8	5.6	8.1	0.3	0.3	0.3	0.0	0.0	0.0	7.1	5.9	8.4	1.2	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3
7	Region 32	2.7	1.2	5.0	1.9	1.7	2.6	4.6	3.0	7.6	0.3	0.2	0.3	0.0	0.0	0.0	4.9	3.3	7.8	1.0	0.0	1.4	0.0	0.0	0.0	0.2	0.0	0.7	0.0	0.0	0.0
18	Region 34	2.4	0.9	4.8	2.1	1.1	3.7	4.5	3.0	6.9	0.3	0.2	0.3	0.1	0.0	1.1	4.9	3.3	7.1	0.7	0.0	1.7	0.0	0.0	0.3	0.1	0.0	0.4	0.2	0.0	0.7
7	Region 35	3.9	3.0	4.4	1.9	1.2	2.7	5.7	4.2	7.1	0.3	0.2	0.3	0.0	0.0	0.0	6.0	4.5	7.4	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 36	0.5	0.5	0.5	1.5	1.5	1.5	2.1	2.1	2.1	0.2	0.2	0.2	0.0	0.0	0.0	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225	Ave YM 1	3.1			2.0			5.0			0.3			0.1			5.4			0.4			0.0			0.1			0.1		
	Min YM 1		0.5			0.5			1.2			0.0			0.0			1.2			0.0			0.0			0.0			0.0	
	Max YM 1			6.3			3.9			8.6			0.4			1.4			8.9			3.3			0.4			0.9			1.4

TABLE 3: RSA GRADING OF YELLOW MAIZE (2003/2004) (continue)

Number of samples	Region	% Defective Kernels Above 6.35 mm sieve			% Defective Kernels 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																															
1	Region 11	5.6	5.6	5.6	3.2	3.2	3.2	8.8	8.8	8.8	0.3	0.3	0.3	0.0	0.0	0.0	9.1	9.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	Region 13	8.1	6.0	10.3	4.2	3.5	5.0	12.3	10.0	15.3	0.4	0.3	0.5	0.3	0.0	1.0	13.0	10.3	16.8	0.3	0.0	1.0	0.1	0.0	0.4	0.5	0.0	1.0	0.4	0.0	0.7
3	Region 14	7.7	4.1	11.8	2.0	1.2	3.2	9.7	5.8	13.0	0.4	0.3	0.4	0.0	0.0	0.0	10.1	6.2	13.4	0.3	0.0	1.0	0.0	0.0	0.0	0.2	0.0	0.7	0.0	0.0	0.0
3	Region 15	7.5	5.9	10.2	4.0	3.3	5.0	11.5	9.6	15.2	0.4	0.3	0.5	0.0	0.0	0.0	11.9	9.9	15.7	0.4	0.0	1.2	0.0	0.0	0.0	0.6	0.0	1.0	0.4	0.0	0.7
2	Region 16	7.3	5.3	9.3	2.6	2.0	3.2	9.9	8.6	11.3	0.4	0.3	0.4	0.0	0.0	0.0	10.3	9.0	11.7	0.0	0.0	0.0	0.4	0.0	0.8	0.4	0.0	0.8	0.0	0.0	0.0
9	Region 17	7.2	2.3	10.6	1.9	0.8	3.6	9.1	3.5	13.0	0.3	0.0	0.4	0.4	0.0	1.0	9.7	4.2	14.4	0.5	0.0	2.1	0.3	0.0	1.6	0.4	0.0	2.1	0.8	0.0	3.7
6	Region 18	6.2	4.1	9.0	2.6	1.6	3.6	8.8	5.8	12.6	0.4	0.3	0.4	0.3	0.0	0.7	9.5	6.6	13.0	0.0	0.0	0.0	0.2	0.0	0.7	0.6	0.0	1.4	1.0	0.3	2.8
4	Region 19	7.4	4.0	10.2	2.9	1.8	4.3	10.3	5.8	14.5	0.4	0.3	0.4	0.3	0.0	1.0	10.9	6.2	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.0	0.0
4	Region 20	7.1	6.2	7.8	2.7	1.5	3.5	9.8	8.6	11.4	0.4	0.3	0.4	0.0	0.0	0.0	10.1	9.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.1	0.2	0.0	0.7
2	Region 22	12.3	8.4	16.2	1.9	1.3	2.5	14.2	10.9	17.6	0.3	0.2	0.3	0.0	0.0	0.0	14.5	11.2	17.9	0.0	0.0	0.0	0.3	0.3	0.3	0.6	0.5	0.7	0.9	0.3	1.4
4	Region 23	6.2	2.9	8.8	3.0	1.0	4.4	9.2	7.3	10.4	0.3	0.3	0.4	1.3	0.0	5.0	10.9	9.8	12.5	0.1	0.0	0.5	0.1	0.0	0.4	0.3	0.0	0.7	0.7	0.0	1.8
4	Region 24	5.0	1.4	11.2	3.6	1.5	6.1	8.6	5.6	12.8	0.3	0.3	0.3	0.5	0.0	0.8	9.4	6.2	13.8	0.3	0.0	1.1	0.2	0.0	0.3	0.2	0.0	0.4	0.5	0.0	1.2
6	Region 26	6.0	2.6	9.4	3.8	1.7	7.3	9.7	6.7	12.0	0.3	0.3	0.4	0.6	0.0	2.4	10.7	6.9	14.6	0.5	0.0	1.8	0.0	0.0	0.0	0.2	0.0	0.7	0.2	0.0	0.9
3	Region 27	6.3	3.3	9.3	4.7	1.2	8.7	11.1	4.6	18.0	0.4	0.3	0.4	1.0	0.0	2.9	12.4	7.7	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.3	1.4	0.6	0.0	1.4
8	Region 28	7.1	5.0	8.9	3.9	3.0	5.2	11.0	9.3	13.6	0.3	0.2	0.4	0.2	0.0	1.6	11.5	9.6	14.4	0.5	0.0	3.0	0.4	0.0	0.9	0.3	0.0	0.9	0.1	0.0	0.5
1	Region 29	6.2	6.2	6.2	3.6	3.6	3.6	9.8	9.8	9.8	0.3	0.3	0.3	0.8	0.0	0.8	10.8	10.8	10.8	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 34	10.0	2.8	18.0	1.5	0.8	2.5	11.5	4.4	19.1	0.2	0.1	0.4	0.8	0.0	2.4	12.6	7.1	19.3	0.8	0.0	1.4	0.3	0.0	0.8	0.3	0.0	1.3	1.3	0.5	1.9
1	Region 36	6.2	6.2	6.2	4.4	4.4	4.4	10.6	10.6	10.6	0.2	0.2	0.2	0.0	0.0	0.0	10.8	10.8	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68	Ave YM 2	7.1			3.0			10.1			0.3			0.4			10.9			0.3			0.2			0.4			0.5		
	Min YM 2		1.4			0.8			3.5			0.0			0.0			4.2			0.0			0.0			0.0			0.0	
	Max YM 2			18.0			8.7			19.1			0.5			5.0			19.3			3.0			1.6			2.1			3.7

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TABLE 3: RSA GRADING OF YELLOW MAIZE (2003/2004) (continue)

Number of samples	Region	% Defective Kernels Above 6.35 mm sieve			% Defective Kernels 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	21.6	21.6	21.6	4.1	4.1	4.1	25.7	25.7	25.7	0.4	0.4	0.4	0.0	0.0	0.0	26.1	26.1	26.1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.6	1.6	1.6
1	Region 14	5.7	5.7	5.7	2.1	2.1	2.1	7.8	7.8	7.8	0.6	0.6	0.6	1.7	1.7	1.7	10.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0
1	Region 18	21.1	21.1	21.1	4.1	4.1	4.1	25.2	25.2	25.2	0.6	0.6	0.6	0.0	0.0	0.0	25.8	25.8	25.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	0.7	0.7	0.7
2	Region 20	11.3	8.1	14.4	3.3	1.2	5.4	14.6	9.3	19.8	0.7	0.6	0.7	0.0	0.0	0.0	15.2	10.0	20.5	0.0	0.0	0.0	0.5	0.0	1.1	0.8	0.5	1.1	0.2	0.0	0.4
1	Region 28	14.4	14.4	14.4	6.2	6.2	6.2	20.6	20.6	20.6	0.3	0.3	0.3	0.0	0.0	0.0	21.0	21.0	21.0	0.0	0.0	0.0	0.4	0.4	0.4	0.6	0.6	0.6	0.0	0.0	0.0
6	Ave YM 3	14.2			3.9			18.1			0.5			0.3			18.9			0.0			0.2			0.8			0.4		
	Min YM 3		5.7			1.2			7.8			0.3			0.0			10.0			0.0			0.0			0.3			0.0	
	Max YM 3			21.6			6.2			25.7			0.7			1.7			26.1			0.0			1.1			1.2			1.6
GRADE: COM																															
1	Region 19	7.5	7.5	7.5	2.0	2.0	2.0	9.5	9.5	9.5	0.4	0.4	0.4	5.3	5.3	5.3	15.2	15.2	15.2	1.7	1.7	1.7	0.0	0.0	0.0	1.0	1.0	1.0	0.3	0.3	0.3
1	Region 20	22.5	22.5	22.5	4.7	4.7	4.7	27.2	27.2	27.2	0.9	0.9	0.9	0.0	0.0	0.0	28.0	28.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	1.7	0.0	0.0	0.0
2	Ave COM	15.0			3.3			18.3			0.6			2.7			21.6			0.9			0.0			1.3			0.2		
	Min COM		7.5			2.0			9.5			0.4			0.0			15.2			0.0			0.0			1.0			0.0	
	Max COM			22.5			4.7			27.2			0.9			5.3			28.0			1.7			0.0			1.7			0.3
301	Ave yellow maize	4.3			2.3			6.5			0.3			0.2			7.0			0.3			0.1			0.2			0.2		
	Min yellow maize		0.5			0.5			1.2			0.0			0.0			1.2			0.0			0.0			0.0			0.0	
	Max yellow maize			22.5			8.7			27.2			0.9			5.3			28.0			3.3			1.6			2.1			3.7
900	Ave maize	4.1			2.2			6.3			0.3			0.3			6.8			0.1			0.1			0.3			0.3		
	Min maize		0.5			0.4			1.1			0.0			0.0			1.2			0.0			0.0			0.0			0.0	
	Max maize			27.2			20.4			47.5			1.2			5.7			47.9			3.3			1.6			13.5			14.1