

TABLE 4: RSA GRADING OF YELLOW MAIZE (2014/2015) (continue)

Number of samples	Region	% Defective Kernels						% Total defective		% Foreign matter		% Other Colour		% Combined Deviations		% 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.
GRADE: YM2																								
1	Region 10	1.5	-	-	4.5	-	-	6.0	-	-	0.1	-	-	0.0	-	-	0.0	-	0.7	-	0.5	-	1.2	-
1	Region 11	1.4	-	-	4.6	-	-	5.9	-	-	0.0	-	-	0.0	-	-	0.0	-	0.0	-	0.0	-	0.0	-
4	Region 12	1.8	1.6	1.9	5.5	4.2	6.8	7.3	5.8	8.8	0.2	0.0	0.3	0.4	0.0	0.5	0.0	0.0	0.4	0.0	0.3	0.0	0.8	0.0
4	Region 13	3.8	1.9	7.9	5.2	2.3	8.7	9.0	6.9	10.6	0.1	0.0	0.2	0.3	0.0	0.7	0.0	0.0	1.0	0.0	0.9	0.0	1.8	1.9
2	Region 14	1.9	1.3	2.5	7.3	7.0	7.5	9.2	8.9	9.5	0.3	0.3	0.3	0.6	0.0	1.1	0.0	0.0	0.3	0.0	0.2	0.0	0.4	0.4
5	Region 17	2.0	1.6	2.5	5.3	4.5	6.1	7.3	6.4	8.1	0.1	0.0	0.3	0.4	0.0	0.8	0.0	0.0	0.5	0.4	0.7	0.4	1.3	1.2
2	Region 18	10.7	10.3	11.1	5.0	4.6	5.5	15.8	15.7	15.8	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	1.9	1.2	6.3	5.2	7.4	8.2
6	Region 19	4.2	1.5	6.8	4.2	2.3	5.1	8.4	6.5	10.2	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.5	1.7	0.5	3.8	2.7
6	Region 20	7.7	3.3	14.2	2.8	1.8	3.5	10.5	6.8	16.5	0.2	0.1	0.3	1.3	0.0	3.1	0.0	0.0	1.0	0.5	4.6	1.9	9.1	5.7
3	Region 21	6.9	2.4	9.3	2.8	1.6	5.1	9.8	7.5	10.9	0.2	0.1	0.3	0.2	0.0	0.5	0.0	0.0	1.2	0.5	3.6	0.9	5.2	4.8
1	Region 22	2.9	-	-	4.8	-	-	7.7	-	-	0.2	-	-	1.6	-	-	0.0	-	0.7	-	1.1	-	0.7	-
1	Region 23	2.6	-	-	2.3	-	-	4.9	-	-	0.1	-	-	2.1	-	-	0.0	-	0.6	-	0.9	-	1.4	-
2	Region 25	1.9	1.8	2.0	5.0	4.6	5.5	6.9	6.5	7.3	0.3	0.2	0.3	0.2	0.0	0.4	0.0	0.0	0.5	0.4	0.0	0.0	0.5	0.4
1	Region 26	14.3	-	-	3.0	-	-	17.3	-	-	0.4	-	-	0.0	-	-	0.0	-	1.6	-	9.5	-	11.0	-
2	Region 27	4.5	2.7	6.2	5.5	4.2	6.9	10.0	6.9	13.1	0.2	0.1	0.2	0.2	0.0	0.5	0.0	0.0	0.9	0.6	1.4	0.9	1.9	1.4
6	Region 28	7.8	3.8	12.8	3.3	1.7	5.4	11.1	9.0	17.0	0.1	0.1	0.2	0.2	0.0	0.5	0.0	0.0	1.8	1.2	2.8	1.0	5.7	4.2
10	Region 29	4.4	1.8	7.6	5.5	3.9	9.5	10.0	6.8	16.5	0.1	0.0	0.2	0.1	0.0	0.5	0.0	0.0	0.9	0.0	0.8	0.0	3.3	1.7
14	Region 30	3.6	1.2	6.8	5.3	3.2	9.1	8.9	6.6	12.8	0.2	0.0	0.3	0.3	0.0	3.3	0.0	0.0	0.5	0.0	0.7	0.0	2.3	0.9
7	Region 31	2.4	1.7	4.3	6.1	3.6	9.1	8.5	6.4	10.8	0.2	0.1	0.3	0.6	0.0	2.6	0.0	0.0	0.4	0.0	0.8	0.0	1.7	1.2
9	Region 32	3.4	1.4	7.8	4.5	3.3	5.4	7.8	5.8	11.6	0.2	0.1	0.3	0.8	0.0	3.2	0.0	0.0	0.8	0.0	1.1	0.4	3.0	1.9
4	Region 33	7.6	3.2	17.7	3.3	1.3	5.5	10.8	5.3	19.0	0.2	0.1	0.3	1.0	0.0	2.8	0.0	0.0	1.7	0.9	2.7	1.1	6.6	4.3
6	Region 34	3.6	2.2	6.0	6.0	4.3	8.5	9.6	6.8	12.6	0.2	0.0	0.2	0.2	0.0	1.5	0.0	0.0	0.7	0.0	1.1	0.0	2.4	1.7
6	Region 36	5.9	1.4	10.6	3.0	0.5	6.1	8.9	5.7	11.3	0.2	0.0	0.3	0.2	0.0	0.8	0.0	0.0	0.8	0.0	1.8	0.0	5.1	2.6
102	Ave. YM2	4.5			4.7			9.2			0.2			0.4			0.0		0.8		1.6		2.3	
	Min. YM2	1.2			0.5			4.9			0.0			0.0			0.0		0.0		0.0		0.0	
	Max. YM2						17.7			19.0			0.4			3.3			3.7				9.5	15.1

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		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.
GRADE: YM3																												
1	Region 13	9.7	-	-	10.8	-	-	20.6	-	-	0.2	-	-	20.8	-	-	0.0	-	-	1.6	-	-	5.5	-	-	7.1	-	-
1	Region 18	3.7	-	-	15.3	-	-	18.9	-	-	0.2	-	-	19.2	-	-	0.0	-	-	0.7	-	-	1.5	-	-	2.2	-	-
2	Region 20	18.8	18.1	19.5	4.8	4.7	4.8	23.5	22.9	24.2	0.2	0.2	0.2	23.7	23.0	24.4	0.0	0.0	0.0	2.8	2.5	3.0	12.2	11.3	13.0	14.9	13.9	16.0
1	Region 26	5.9	-	-	3.0	-	-	8.9	-	-	0.6	-	-	9.5	-	-	0.0	-	-	1.2	-	-	3.1	-	-	4.3	-	-
2	Region 29	17.3	11.6	23.0	6.9	4.3	9.6	24.2	21.2	27.3	0.3	0.3	0.3	24.5	21.5	27.5	0.0	0.0	0.0	3.5	2.2	4.7	10.0	6.5	13.6	6.7	4.7	8.7
2	Region 31	1.7	1.6	1.9	13.9	13.2	14.6	15.6	15.1	16.2	0.2	0.1	0.2	15.8	15.3	16.3	0.0	0.0	0.0	0.2	0.0	0.5	0.4	0.4	0.5	0.9	0.4	1.4
9	Ave. YM3	10.5			8.9			19.5			0.3			19.7			0.0			1.8			6.2			6.5		
	Min. YM3	1.6			3.0			8.9			0.1			9.5			0.0			0.0			0.4			0.4		
	Max. YM3	23.0			15.3			27.3			0.6			27.5			0.0			4.7			13.6			16.0		
CLASS: COM																												
1	Region 13	4.1	-	-	6.1	-	-	10.2	-	-	0.3	-	-	17.5	-	-	0.0	-	-	1.0	-	-	1.3	-	-	2.3	-	-
1	Region 14	1.3	-	-	1.6	-	-	2.9	-	-	0.1	-	-	16.6	-	-	0.0	-	-	0.5	-	-	0.0	-	-	0.5	-	-
1	Region 16	1.6	-	-	3.9	-	-	5.5	-	-	0.2	-	-	10.7	-	-	0.0	-	-	0.5	-	-	0.5	-	-	1.0	-	-
2	Region 19	16.5	11.7	21.3	15.4	11.8	19.0	31.9	30.7	33.1	0.1	0.0	0.1	33.3	32.2	34.4	0.0	0.0	0.0	0.3	0.0	0.6	0.6	0.0	1.1	0.9	0.0	1.7
1	Region 29	1.4	-	-	1.1	-	-	2.5	-	-	2.5	-	-	4.9	-	-	0.0	-	-	0.0	-	-	0.0	-	-	0.0	-	-
1	Region 30	8.7	-	-	1.7	-	-	10.4	-	-	0.3	-	-	15.9	-	-	0.0	-	-	1.3	-	-	5.1	-	-	6.4	-	-
4	Region 33	4.0	2.5	5.0	1.5	1.0	2.5	5.4	3.8	7.5	0.2	0.1	0.3	12.9	11.3	14.3	0.0	0.0	0.0	1.0	0.4	1.6	1.0	0.8	1.1	1.9	1.2	2.7
11	Ave. COM	6.0			4.7			10.6			0.4			16.7			0.0			0.7			1.1			1.8		
	Min. COM	1.3			1.0			2.5			0.0			4.9			0.0			0.0			0.0			0.0		
	Max. COM	21.3			19.0			33.1			2.5			34.4			0.0			1.6			5.1			6.4		
515	Ave. yellow maize	3.1			2.7			5.9			0.1			6.2			0.0			0.6			1.0			1.5		
	Min. yellow maize	0.6			0.0			0.6			0.0			0.6			0.0			0.0			0.0			0.0		
	Max. yellow maize	23.0			19.0			33.1			2.5			34.4			0.4			4.7			13.6			16.0		
1000	Ave. maize	3.1			2.5			5.6			0.1			6.0			0.0			0.7			0.9			1.5		
	Min. maize	0.0			0.0			0.0			0.0			0.0			0.0			0.0			0.0			0.0		
	Max. maize	30.0			25.5			33.1			2.5			35.3			2.3			8.4			13.6			16.0		