TABLE 3: RSA GRADING OF WHITE MAIZE (2015/2016)

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.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: WM1																														
2	Region 11	1.7	1.2	2.1	1.9	1.7	2.1	3.6	3.4	3.8	0.1	0.1	0.2	0.6	0.5	0.6	4.3	4.0	4.5	0.0	0.0	0.0	0.2	0.0	0.4	0.7	0.5	0.9	0.9	0.5	1.3
8	Region 12	2.5	1.8	4.4	1.7	0.6	2.8	4.3	2.8	6.1	0.1	0.1	0.1	0.1	0.0	0.8	4.4	2.9	6.2	0.1	0.0	0.4	0.3	0.2	0.7	0.6	0.4	1.1	1.0	0.6	1.8
12	Region 13	2.6	1.2	5.4	2.2	0.7	4.5	4.9	2.7	6.3	0.1	0.1	0.2	0.2	0.0	0.7	5.2	2.8	7.1	0.1	0.0	0.7	0.5	0.1	0.7	0.9	0.4	1.2	1.4	0.7	1.8
18	Region 14	2.7	2.0	3.2	2.0	0.3	3.6	4.7	3.0	6.7	0.1	0.1	0.2	0.1	0.0	0.6	5.0	3.2	7.0	0.4	0.0	1.2	0.5	0.4	0.8	1.1	0.4	1.7	1.6	0.9	2.1
16	Region 17	2.3	0.7	5.0	2.0	0.5	4.6	4.3	2.5	6.6	0.1	0.1	0.2	0.1	0.0	0.5	4.5	2.7	6.7	0.1	0.0	0.5	0.5	0.0	1.1	0.9	0.4	1.6	1.4	0.4	2.7
4	Region 18	3.4	1.8	6.4	2.1	0.6	3.6	5.5	3.2	7.0	0.1	0.1	0.1	0.4	0.0	1.0	6.0	3.3	7.9	0.2	0.0	1.0	0.8	0.4	1.9	1.4	1.0	2.2	2.2	1.5	4.1
5	Region 19	2.3	1.2	3.1	2.5	1.8	3.9	4.8	3.3	7.0	0.1	0.1	0.2	0.1	0.0	0.3	5.0	3.8	7.1	0.1	0.0	0.5	0.4	0.3	0.5	0.6	0.4	0.8	1.0	0.7	1.4
9	Region 20	3.2	1.7	5.5	2.3	1.3	3.2	5.5	3.9	6.8	0.1	0.1	0.2	0.1	0.0	0.5	5.6	4.0	7.5	0.1	0.0	0.7	0.6	0.2	1.2	1.2	0.7	2.2	1.8	1.1	3.1
4	Region 21	2.1	1.2	2.5	2.1	1.3	3.1	4.2	2.7	5.6	0.2	0.1	0.2	0.1	0.0	0.5	4.5	2.9	6.2	0.2	0.0	0.6	0.7	0.5	1.0	0.6	0.0	1.0	1.3	0.5	1.6
5	Region 22	3.4	2.0	4.7	1.7	1.5	2.1	5.1	3.5	6.4	0.2	0.1	0.2	0.0	0.0	0.0	5.3	3.7	6.6	0.1	0.0	0.3	0.8	0.6	1.3	1.4	0.5	2.8	2.2	1.5	3.5
4	Region 23	2.9	2.1	4.4	1.7	0.7	2.2	4.6	4.3	5.1	0.2	0.1	0.2	0.0	0.0	0.0	4.7	4.4	5.2	0.2	0.0	0.6	0.7	0.4	1.1	1.2	0.7	1.8	1.9	1.4	2.9
8	Region 24	3.3	1.9	5.1	2.0	0.5	3.3	5.3	3.5	7.0	0.1	0.1	0.2	0.0	0.0	0.2	5.5	3.7	7.0	0.0	0.0	0.0	0.7	0.4	1.3	1.2	0.5	1.9	1.9	0.9	3.2
4	Region 25	2.0	1.4	2.5	1.1	0.0	2.1	3.1	2.0	4.7	0.1	0.1	0.2	0.2	0.0	0.6	3.4	2.1	5.4	0.0	0.0	0.0	0.3	0.0	0.9	0.5	0.4	0.6	0.8	0.5	1.4
9	Region 26	3.2	2.6	3.6	1.6	1.0	2.9	4.8	4.4	6.6	0.2	0.1	0.3	0.1	0.0	0.5	5.1	4.6	6.6	0.0	0.0	0.0	0.7	0.4	1.4	1.5	0.6	2.7	2.3	1.1	3.1
1	Region 27	2.2	-	-	1.4	-	-	3.6	-	-	0.1	-	-	0.3	-	-	4.1	-	-	0.0	-	-	0.5	-	-	1.2	-	-	1.7	-	-
11	Region 28	2.0	1.0	4.6	1.3	0.6	2.1	3.3	2.1	6.0	0.1	0.0	0.2	0.3	0.0	0.8	3.7	2.1	6.6	0.0	0.0	0.0	0.7	0.0	2.0	0.6	0.0	1.1	1.3	0.0	3.1
16	Region 29	1.9	1.0	3.5	1.4	0.6	2.5	3.3	2.2	6.0	0.1	0.1	0.3	0.2	0.0	0.9	3.6	2.5	6.1	0.0	0.0	0.5	0.3	0.0	0.8	0.5	0.0	1.2	0.8	0.0	2.0
28	Region 30	2.7	1.3	4.2	2.0	0.6	3.7	4.7	2.0	5.9	0.1	0.1	0.2	0.3	0.0	1.9	5.2	2.7	8.0	0.1	0.0	1.2	0.5	0.0	1.0	1.1	0.0	1.7	1.6	0.0	2.7
9	Region 31	2.2	0.9	3.1	1.8	0.6	2.9	4.0	1.6	5.2	0.2	0.1	0.3	0.3	0.0	1.0	4.5	2.0	6.6	0.2	0.0	1.0	0.5	0.0	1.0	0.8	0.0	1.2	1.3	0.0	2.3
28	Region 32	2.5	1.1	4.9	1.5	0.1	2.8	3.9	2.3	5.2	0.1	0.0	0.2	0.2	0.0	0.6	4.2	2.3	5.6	0.1	0.0	1.0	0.5	0.0	1.0	1.1	0.4	2.9	1.6	0.5	3.9
29	Region 33	2.4	1.3	6.1	1.9	0.4	5.4	4.2	2.1	7.0	0.1	0.0	0.3	0.4	0.0	1.6	4.8	2.1	7.8	0.0	0.0	0.6	0.5	0.0	1.6	0.8	0.0	1.1	1.3	0.0	2.6
29	Region 34	2.8	1.5	4.8	1.4	0.2	2.9	4.2	2.3	6.3	0.2	0.1	0.3	0.3	0.0	2.3	4.7	2.5	7.5	0.0	0.0	0.5	0.6	0.3	1.3	1.0	0.5	2.0	1.7	0.8	3.3
19	Region 35	2.1	1.1	2.9	1.9	0.8	4.0	3.9	1.9	6.0	0.1	0.0	0.2	0.2	0.0	0.8	4.3	1.9	6.2	0.0	0.0	0.0	0.3	0.0	1.3	0.0	0.0	0.0	0.3	0.0	1.3
22	Region 36	2.5	0.8	5.1	1.9	0.8	3.3	4.5	1.7	6.2	0.1	0.1	0.2	0.4	0.0	0.9	5.0	2.4	6.8	0.0	0.0	0.0	0.5	0.0	1.2	1.4	0.5	2.8	1.9	0.5	3.7
300	**Ave. WM1**	**2.5**			**1.8**			**4.3**			**0.1**			**0.2**			**4.7**			**0.1**			**0.5**			**0.9**			**1.4**		
	Min. WM1		**0.7**			**0.0**			**1.6**			**0.0**			**0.0**			**1.9**			**0.0**			**0.0**			**0.0**			**0.0**	
	Max. WM1			**6.4**			**5.4**			**7.0**			**0.3**			**2.3**			**8.0**			**1.2**			**2.0**			**2.9**			**4.1**

TABLE 3: RSA GRADING OF WHITE MAIZE (2015/2016) (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.	max.	ave.	min.	max.	ave.	min.	max.
GRADE: WM2																														
3	Region 12	5.2	2.4	7.6	4.8	2.3	9.1	10.0	7.8	11.5	0.2	0.1	0.3	0.0	0.0	0.0	10.2	7.9	11.6	0.1	0.0	0.4	0.7	0.3	1.5	1.7	0.4	4.2	2.4	0.8	5.6
10	Region 13	5.6	3.4	9.0	3.4	1.3	5.6	9.1	7.2	10.7	0.2	0.1	0.3	0.2	0.0	0.9	9.4	7.3	11.7	0.0	0.0	0.0	0.9	0.6	1.3	1.4	1.0	1.9	2.3	1.6	3.2
3	Region 14	5.1	3.8	7.1	2.4	1.6	2.8	7.5	5.4	9.8	0.3	0.2	0.5	0.3	0.0	0.5	8.0	6.2	10.5	0.0	0.0	0.0	1.0	0.8	1.3	2.0	1.7	2.5	3.0	2.5	3.8
2	Region 17	3.8	2.6	5.0	6.0	5.5	6.5	9.8	9.1	10.5	0.2	0.1	0.2	0.3	0.0	0.5	10.2	9.3	11.1	0.3	0.0	0.7	0.8	0.6	1.1	1.6	1.1	2.1	2.4	1.7	3.2
3	Region 18	4.5	4.3	4.7	4.0	3.2	4.6	8.5	7.5	9.0	0.1	0.1	0.1	0.1	0.0	0.2	8.6	7.6	9.2	0.2	0.0	0.2	0.9	0.7	1.0	1.1	1.1	1.2	2.0	1.9	2.2
12	Region 19	4.4	2.0	7.5	4.7	0.8	7.8	9.1	4.6	12.6	0.2	0.1	0.4	0.2	0.0	0.5	9.5	4.9	13.2	0.1	0.0	0.4	0.9	0.4	1.6	1.6	0.6	4.1	2.5	1.0	5.4
8	Region 20	4.5	2.0	7.9	4.4	0.0	8.7	8.9	7.1	12.2	0.2	0.1	0.2	0.5	0.0	1.7	9.6	7.7	12.8	0.0	0.0	0.4	0.7	0.2	1.0	1.1	0.6	2.1	1.7	0.9	2.8
1	Region 21	6.7	-	-	4.4	-	-	11.0	-	-	0.1	-	-	0.0	-	-	11.2	-	-	0.0	-	-	1.5	-	-	2.6	-	-	4.0	-	-
3	Region 22	5.8	4.2	6.9	3.6	2.9	4.5	9.4	7.7	10.6	0.1	0.1	0.2	0.0	0.0	0.0	9.5	7.8	10.7	0.0	0.0	0.0	0.8	0.4	1.2	2.7	0.9	5.4	3.4	1.7	5.7
1	Region 23	9.3	-	-	1.2	-	-	10.6	-	-	0.1	-	-	0.0	-	-	10.7	-	-	1.0	-	-	3.1	-	-	4.5	-	-	7.6	-	-
2	Region 24	6.1	6.1	6.2	1.8	1.2	2.3	7.9	7.3	8.5	0.1	0.1	0.1	0.0	0.0	0.0	8.0	7.4	8.6	0.0	0.0	0.0	1.0	0.5	1.5	2.3	2.2	2.4	3.3	2.7	3.8
1	Region 25	2.0	-	-	5.3	-	-	7.3	-	-	0.1	-	-	0.5	-	-	7.9	-	-	0.0	-	-	0.5	-	-	0.8	-	-	1.3	-	-
6	Region 26	5.2	1.9	6.8	2.6	1.5	4.6	7.7	4.0	9.7	0.2	0.1	0.4	0.9	0.0	2.3	8.8	4.3	10.8	0.0	0.0	0.0	0.5	0.4	0.7	3.3	1.1	5.2	3.9	1.5	5.9
2	Region 27	4.2	2.2	6.2	3.4	1.2	5.6	7.6	7.4	7.7	0.2	0.2	0.2	0.2	0.0	0.4	7.9	7.6	8.3	0.0	0.0	0.0	1.3	0.6	1.9	1.5	1.3	1.7	2.8	1.9	3.7
3	Region 28	3.0	1.8	4.7	3.2	1.3	5.7	6.2	3.9	7.5	0.2	0.1	0.3	1.9	0.0	4.8	8.3	7.6	8.8	0.0	0.0	0.0	1.0	0.0	2.2	0.9	0.4	1.4	1.9	0.4	3.5
2	Region 30	7.3	4.8	9.8	1.6	1.4	1.7	8.9	6.5	11.3	0.2	0.2	0.3	2.4	1.0	3.8	11.5	10.5	12.5	0.3	0.0	0.6	1.5	1.0	2.0	2.8	2.0	3.6	4.3	3.1	5.6
3	Region 31	2.2	1.4	3.3	3.1	2.0	4.9	5.3	4.2	6.3	0.3	0.2	0.3	3.9	2.5	5.3	9.5	8.1	10.5	0.0	0.0	0.0	0.4	0.3	0.7	0.9	0.5	1.6	1.4	0.9	2.2
5	Region 33	7.3	5.4	9.5	1.5	0.7	2.4	8.8	7.3	10.7	0.1	0.0	0.1	0.5	0.0	1.3	9.4	7.3	11.3	0.2	0.0	1.0	2.1	1.0	4.0	1.6	1.0	2.4	3.7	2.0	6.3
1	Region 34	5.7	-	-	1.9	-	-	7.6	-	-	0.2	-	-	0.3	-	-	8.1	-	-	0.0	-	-	1.3	-	-	2.1	-	-	3.4	-	-
5	Region 35	7.4	5.0	9.7	1.8	1.1	2.8	9.1	7.3	11.4	0.2	0.1	0.3	0.2	0.0	0.5	9.5	7.4	12.1	0.0	0.0	0.0	1.9	0.0	4.7	2.4	0.0	4.6	4.3	0.0	9.3
8	Region 36	6.7	1.9	9.8	2.1	0.7	5.3	8.8	7.2	11.9	0.2	0.2	0.3	0.5	0.0	1.1	9.5	7.6	12.3	0.0	0.0	0.0	1.8	0.5	3.8	3.9	1.0	5.3	5.7	1.5	8.4
84	**Ave. WM2**	**5.3**			**3.3**			**8.6**			**0.2**			**0.5**			**9.3**			**0.1**			**1.1**			**2.0**			**3.1**		
	Min. WM2		**1.4**			**0.0**			**3.9**			**0.0**			**0.0**			**4.3**			**0.0**			**0.0**			**0.0**			**0.0**	
	Max. WM2			**9.8**			**9.1**			**12.6**			**0.5**			**5.3**			**13.2**			**1.0**			**4.7**			**5.4**			**9.3**

TABLE 3: RSA GRADING OF WHITE MAIZE (2015/2016) (continue)

Number of samples	Region	% Defective Kernels						%			%			%			%			%			%			%		
		Above 6.35 mm sieve			Below 6.35 mm sieve			Total defective			Foreign matter			Other Colour			Combined Deviations			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: WM3																														
4	Region 13	13.3	8.8	23.7	4.6	1.8	6.3	17.9	14.2	25.5	0.2	0.2	0.4	0.1	0.0	0.5	18.2	14.3	25.9	0.0	0.0	0.0	1.1	0.4	2.2	2.2	0.5	5.1	3.3	0.9	7.3
2	Region 18	8.8	6.6	10.9	6.0	2.4	9.6	14.8	13.3	16.3	0.1	0.1	0.1	0.4	0.3	0.5	15.3	14.0	16.7	0.0	0.0	0.0	0.9	0.5	1.4	1.7	0.9	2.5	2.6	1.4	3.8
4	Region 19	7.3	1.9	18.0	9.0	2.5	11.5	16.3	13.4	20.6	0.1	0.1	0.2	0.2	0.0	0.7	16.6	14.2	20.7	0.1	0.0	0.3	0.5	0.3	0.8	1.0	0.6	1.8	1.5	0.9	2.4
3	Region 20	5.2	1.2	11.0	3.8	1.5	6.4	9.1	4.9	14.6	0.4	0.2	0.6	2.7	0.0	8.0	12.1	8.2	15.0	0.1	0.0	0.2	1.2	0.4	2.6	2.2	0.8	5.0	3.4	1.2	7.5
1	Region 21	10.5	-	-	4.4	-	-	14.8	-	-	0.1	-	-	0.5	-	-	15.4	-	-	0.0	-	-	4.9	-	-	2.0	-	-	6.9	-	-
4	Region 22	12.2	10.3	13.3	5.3	3.0	8.1	17.4	14.4	21.3	0.2	0.1	0.2	0.0	0.0	0.0	17.6	14.5	21.5	0.0	0.0	0.0	2.3	0.7	3.6	3.4	1.1	5.0	5.7	1.8	8.6
1	Region 28	8.8	-	-	2.9	-	-	13.5	-	-	0.2	-	-	0.0	-	-	13.7	-	-	0.0	-	-	2.5	-	-	4.4	-	-	6.9	-	-
1	Region 30	7.8	-	-	5.5	-	-	13.3	-	-	0.3	-	-	0.5	-	-	14.2	-	-	1.6	-	-	1.0	-	-	4.9	-	-	5.8	-	-
2	Region 31	2.2	1.8	2.6	2.2	1.0	3.3	4.4	2.9	5.9	0.2	0.1	0.3	7.8	7.7	7.9	12.5	10.7	14.2	0.0	0.0	0.0	0.5	0.3	0.7	0.9	0.5	1.3	1.4	0.8	2.0
1	Region 33	6.6	-	-	9.0	-	-	15.5	-	-	0.2	-	-	4.2	-	-	20.0	-	-	0.0	-	-	2.2	-	-	2.6	-	-	4.8	-	-
2	Region 35	11.8	11.8	11.8	9.4	4.3	14.5	21.2	16.1	26.3	0.3	0.3	0.4	0.0	0.0	0.0	21.6	16.5	26.6	0.0	0.0	0.0	0.8	0.5	1.0	1.8	0.6	2.9	2.5	1.1	3.9
2	Region 36	10.4	3.7	17.2	7.0	4.7	9.2	17.4	12.9	21.9	0.3	0.3	0.3	1.8	0.0	3.5	19.4	16.7	22.2	0.0	0.0	0.0	3.1	0.6	5.5	6.5	2.0	11.0	9.5	2.6	16.5
27	**Ave. WM3**	**9.1**			**5.8**			**15.1**			**0.2**			**1.3**			**16.6**			**0.1**			**1.5**			**2.5**			**4.0**		
	Min. WM3		**1.2**			**1.0**			**2.9**			**0.1**			**0.0**			**8.2**			**0.0**			**0.3**			**0.5**			**0.8**	
	Max. WM3			**23.7**			**14.5**			**26.3**			**0.6**			**8.0**			**26.6**			**1.6**			**5.5**			**11.0**			**16.5**
CLASS: COM																														
1	Region 19	3.5	-	-	12.4	-	-	15.9	-	-	0.9	-	-	0.0	-	-	16.7	-	-	0.0	-	-	0.6	-	-	0.9	-	-	1.5	-	-
1	Region 20	19.2	-	-	12.7	-	-	31.9	-	-	0.3	-	-	1.2	-	-	33.3	-	-	0.0	-	-	3.0	-	-	8.1	-	-	11.1	-	-
1	Region 31	3.1	-	-	0.3	-	-	3.4	-	-	2.2	-	-	1.0	-	-	6.6	-	-	0.0	-	-	0.6	-	-	1.5	-	-	2.1	-	-
1	Region 35	79.9	-	-	11.3	-	-	91.3	-	-	0.2	-	-	0.0	-	-	91.5	-	-	0.0	-	-	0.4	-	-	0.5	-	-	0.9	-	-
4	**Ave. COM**	**26.4**			**9.2**			**35.6**			**0.9**			**0.5**			**37.0**			**0.0**			**1.1**			**2.7**			**3.9**		
	Min. COM		**3.1**			**0.3**			**3.4**			**0.2**			**0.0**			**6.6**			**0.0**			**0.4**			**0.5**			**0.9**	
	Max. COM			**79.9**			**12.7**			**91.3**			**2.2**			**1.2**			**91.5**			**0.0**			**3.0**			**8.1**			**11.1**
415	**Ave. white maize**	**3.8**			**2.4**			**6.2**			**0.2**			**0.4**			**6.7**			**0.1**			**0.7**			**1.3**			**2.0**		
	Min. white maize		**0.7**			**0.0**			**1.6**			**0.0**			**0.0**			**1.9**			**0.0**			**0.0**			**0.0**			**0.0**	
	Max. white maize			**79.9**			**14.5**			**91.3**			**2.2**			**8.0**			**91.5**			**1.6**			**5.5**			**11.0**			**16.5**
920	**Ave. maize**	**3.4**			**2.5**			**5.9**			**0.2**			**0.3**			**6.3**			**0.0**			**0.6**			**1.2**			**1.9**		
	Min. maize		**0.5**			**0.0**			**0.6**			**0.0**			**0.0**			**0.6**			**0.0**			**0.0**			**0.0**			**0.0**	
	Max. maize			**79.9**			**18.1**			**91.3**			**2.2**			**8.0**			**91.5**			**1.6**			**5.5**			**11.0**			**16.5**