

**TABLE 4: RSA GRADING OF WHITE MAIZE (2017/2018)**

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.																								
<b>GRADE: WHITE</b>																															
4	Region 11	2.7	1.1	4.2	1.2	0.6	2.5	3.8	1.8	6.7	0.0	0.0	0.1	0.2	0.0	0.7	4.1	1.8	6.9	0.1	0.0	0.3	0.0	0.0	0.0	0.9	0.2	1.5	0.9	0.2	1.5
15	Region 12	3.8	0.9	20.0	2.1	0.4	6.0	5.9	3.0	26.0	0.0	0.0	0.3	0.0	0.0	0.4	6.0	3.0	26.3	0.7	0.0	5.4	0.2	0.0	1.0	0.4	0.0	1.3	0.6	0.0	2.3
25	Region 13	3.3	0.9	8.4	2.1	0.6	5.8	5.4	1.7	14.2	0.1	0.0	1.0	0.3	0.0	1.2	5.8	1.7	14.7	0.2	0.0	0.7	0.1	0.0	1.2	0.6	0.0	2.6	0.7	0.0	2.6
38	Region 14	3.8	0.2	13.3	1.0	0.1	2.9	4.9	0.3	14.2	0.1	0.0	0.4	0.2	0.0	3.2	5.2	0.3	17.7	0.3	0.0	1.7	0.0	0.0	0.8	0.5	0.0	3.1	0.6	0.0	3.1
15	Region 15	5.7	1.6	19.3	2.2	0.1	3.9	7.9	2.1	23.2	0.0	0.0	0.1	0.0	0.0	0.1	7.9	2.1	23.2	0.5	0.0	1.8	0.0	0.0	0.5	0.7	0.0	2.1	0.7	0.0	2.6
21	Region 16	4.1	0.8	12.4	5.7	0.0	20.7	9.7	0.8	21.9	0.0	0.0	0.3	0.2	0.0	1.4	10.0	1.2	22.1	0.5	0.0	1.4	0.3	0.0	3.1	1.3	0.0	6.5	1.6	0.0	7.3
28	Region 17	3.1	1.0	6.7	1.9	0.5	5.0	5.0	2.6	8.8	0.0	0.0	0.6	0.3	0.0	1.0	5.3	3.0	9.1	0.6	0.0	6.0	0.1	0.0	0.6	0.7	0.0	2.1	0.8	0.0	2.8
18	Region 18	5.2	1.4	38.6	2.4	0.4	11.4	7.6	2.8	44.2	0.2	0.0	3.0	0.3	0.0	2.0	8.2	2.8	46.2	0.5	0.0	2.6	0.4	0.0	5.0	1.2	0.0	4.4	1.6	0.0	9.4
28	Region 19	2.0	0.5	7.4	1.7	0.4	6.9	3.6	1.5	11.0	0.1	0.0	0.5	0.3	0.0	3.9	4.0	1.5	11.3	1.0	0.0	5.5	0.0	0.0	0.9	0.4	0.0	2.9	0.5	0.0	3.5
14	Region 20	5.4	1.2	26.1	1.8	0.6	3.6	7.2	2.2	28.7	0.2	0.0	1.8	0.7	0.0	5.0	8.1	2.9	30.5	0.5	0.0	2.8	0.0	0.0	0.5	0.6	0.0	2.6	0.7	0.0	2.6
13	Region 21	4.0	1.6	9.1	1.5	0.7	2.9	5.5	3.0	10.7	0.2	0.0	1.1	0.2	0.0	0.8	5.8	3.5	10.7	0.1	0.0	0.6	0.3	0.0	1.2	1.5	0.0	5.7	1.8	0.0	6.2
10	Region 22	4.6	1.3	12.2	1.2	0.4	2.0	5.8	2.7	14.2	0.0	0.0	0.2	0.2	0.0	0.7	6.0	2.8	14.2	0.2	0.0	0.7	0.2	0.0	1.0	1.7	0.2	7.1	1.9	0.2	7.1
16	Region 23	4.3	0.8	10.2	1.7	0.4	4.1	6.1	1.3	13.1	0.0	0.0	0.3	0.2	0.0	0.9	6.3	1.3	13.1	0.5	0.0	2.3	0.1	0.0	0.3	0.9	0.0	3.3	1.0	0.0	3.6
17	Region 24	4.4	0.9	8.5	2.2	0.5	5.8	6.6	1.4	10.8	0.0	0.0	0.2	0.2	0.0	0.9	6.8	1.4	10.8	0.3	0.0	1.6	0.0	0.0	0.3	0.7	0.0	1.7	0.7	0.0	1.7
10	Region 26	5.0	3.3	7.3	1.5	0.6	4.3	6.4	4.4	9.4	0.0	0.0	0.2	1.3	0.0	5.5	7.7	4.9	14.8	0.1	0.0	0.4	0.0	0.0	0.2	1.7	0.0	2.5	1.7	0.0	2.6
3	Region 27	2.0	0.9	2.7	2.2	1.1	3.3	4.2	3.1	6.1	0.0	0.0	0.0	0.3	0.0	0.5	4.5	3.1	6.5	0.2	0.2	0.3	0.1	0.0	0.2	0.2	0.0	0.6	0.3	0.0	0.8
14	Region 28	3.3	1.4	11.1	0.9	0.2	1.8	4.2	1.9	12.4	0.0	0.0	0.1	0.1	0.0	0.8	4.4	1.9	12.7	0.4	0.0	2.6	0.1	0.0	0.4	1.4	0.0	6.0	1.5	0.0	6.0
15	Region 29	2.8	0.9	10.7	1.2	0.4	2.7	3.9	1.6	11.9	0.0	0.0	0.2	0.5	0.0	2.1	4.5	1.8	14.0	0.2	0.0	1.4	0.0	0.0	0.2	0.9	0.0	3.3	0.9	0.0	3.3
21	Region 30	2.5	0.5	6.5	1.3	0.3	2.2	3.9	2.0	7.5	0.1	0.0	0.5	0.4	0.0	1.9	4.3	2.2	8.4	0.1	0.0	0.7	0.0	0.0	0.2	0.9	0.0	3.4	0.9	0.0	3.4
10	Region 31	2.4	1.5	3.5	1.1	0.3	2.2	3.5	1.9	4.8	0.0	0.0	0.3	1.2	0.0	6.2	4.7	2.1	10.4	0.4	0.0	1.4	0.1	0.0	0.6	0.7	0.2	1.7	0.7	0.3	1.7
29	Region 32	2.6	0.7	7.7	1.2	0.1	3.2	3.8	1.6	10.0	0.1	0.0	0.4	0.7	0.0	6.2	4.6	1.6	14.5	0.4	0.0	5.8	0.2	0.0	0.7	0.7	0.0	2.2	0.9	0.0	2.9
27	Region 33	4.7	1.3	25.9	1.3	0.2	2.4	6.0	2.2	27.8	0.1	0.0	0.6	0.2	0.0	1.0	6.3	2.2	28.3	0.3	0.0	1.3	0.1	0.0	1.0	0.9	0.0	3.4	1.0	0.0	3.5
37	Region 34	3.5	0.8	9.9	1.5	0.4	2.8	5.1	2.3	11.3	0.0	0.0	0.2	0.4	0.0	2.1	5.5	2.6	11.3	0.6	0.0	2.6	0.1	0.0	1.7	1.3	0.0	5.7	1.5	0.0	6.4
9	Region 35	5.9	1.8	16.2	1.4	0.5	2.9	7.3	2.7	19.1	0.1	0.0	0.4	0.1	0.0	0.4	7.5	2.7	19.2	0.1	0.0	0.4	0.2	0.0	0.5	1.2	0.0	6.1	1.4	0.0	6.1
14	Region 36	4.0	0.8	9.0	1.2	0.1	3.1	5.2	1.0	9.3	0.0	0.0	0.1	0.2	0.0	1.1	5.5	1.0	9.3	0.8	0.0	3.5	0.2	0.0	0.5	1.0	0.0	3.3	1.2	0.2	3.3
<b>451</b>	<b>Ave. White</b>	<b>3.7</b>	<b>1.8</b>	<b>0.2</b>	<b>38.6</b>	<b>0.0</b>	<b>20.7</b>	<b>5.5</b>	<b>0.3</b>	<b>44.2</b>	<b>0.1</b>	<b>0.0</b>	<b>3.0</b>	<b>0.3</b>	<b>0.0</b>	<b>6.2</b>	<b>5.9</b>	<b>0.3</b>	<b>46.2</b>	<b>0.4</b>	<b>0.0</b>	<b>6.0</b>	<b>0.1</b>	<b>0.0</b>	<b>5.0</b>	<b>0.9</b>	<b>0.0</b>	<b>7.1</b>	<b>1.0</b>	<b>0.0</b>	<b>9.4</b>
	<b>Min. White</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	
	<b>Max. White</b>	<b>3.7</b>	<b>1.8</b>	<b>0.2</b>	<b>38.6</b>	<b>0.0</b>	<b>20.7</b>	<b>5.5</b>	<b>0.3</b>	<b>44.2</b>	<b>0.1</b>	<b>0.0</b>	<b>3.0</b>	<b>0.3</b>	<b>0.0</b>	<b>6.2</b>	<b>5.9</b>	<b>0.3</b>	<b>46.2</b>	<b>0.4</b>	<b>0.0</b>	<b>6.0</b>	<b>0.1</b>	<b>0.0</b>	<b>5.0</b>	<b>0.9</b>	<b>0.0</b>	<b>7.1</b>	<b>1.0</b>	<b>0.0</b>	<b>9.4</b>