

**TABLE 4: RSA GRADING OF WHITE MAIZE (2018/19)**

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.	ave.	min.	max.	ave.
<b>GRADE: WHITE</b>																																			
4	Region 11	1.2	0.5	1.6	1.1	0.6	2.1	2.3	1.2	3.5	0.0	0.0	0.1	0.1	0.0	0.3	2.4	1.5	3.8	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	
10	Region 12	4.0	0.3	19.7	0.8	0.1	3.5	4.9	0.4	23.2	0.0	0.0	0.2	0.2	0.0	1.2	5.1	0.6	23.2	0.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.4	0.1	0.0	1.4
17	Region 13	6.0	1.4	25.9	2.2	0.9	5.4	8.2	3.2	30.4	0.4	0.0	4.0	1.7	0.0	12.9	10.3	4.2	44.2	0.1	0.0	1.4	0.4	0.0	4.2	0.1	0.0	0.8	0.5	0.0	4.2	0.5	0.0	4.2	
30	Region 14	5.0	1.0	12.1	1.4	0.0	4.5	6.4	1.5	13.3	0.2	0.0	1.5	0.2	0.0	2.3	6.9	1.6	14.5	0.3	0.0	2.1	0.2	0.0	1.3	0.1	0.0	0.8	0.3	0.0	1.4	0.3	0.0	1.4	
5	Region 15	13.7	2.7	35.9	0.7	0.3	1.1	14.4	3.4	37.0	0.3	0.0	1.2	0.0	0.0	0.0	14.7	3.6	38.2	0.4	0.0	1.3	0.3	0.0	1.7	0.1	0.0	0.4	0.5	0.0	2.0	0.5	0.0	2.0	
11	Region 16	14.2	2.5	82.2	5.1	0.1	15.6	19.3	2.6	88.0	0.9	0.0	4.2	0.5	0.0	1.7	20.7	3.7	91.2	0.1	0.0	0.7	0.0	0.0	0.0	0.1	0.0	0.5	0.1	0.0	0.5	0.1	0.0	0.5	
16	Region 17	5.8	1.2	25.5	1.7	0.1	4.3	7.5	2.6	26.6	0.1	0.0	1.0	0.9	0.0	2.9	8.5	3.1	28.4	0.3	0.0	1.6	0.6	0.0	3.0	0.2	0.0	0.9	0.8	0.0	3.4	0.8	0.0	3.4	
11	Region 18	6.7	0.2	41.9	3.2	1.0	6.6	9.9	3.1	46.1	0.2	0.0	0.8	1.4	0.0	4.6	11.4	4.4	47.3	0.4	0.0	2.4	0.3	0.0	1.5	0.3	0.0	1.3	0.6	0.0	1.9	0.6	0.0	1.9	
14	Region 19	4.9	1.7	15.3	1.5	0.5	3.1	6.5	2.5	18.4	0.2	0.0	1.0	0.8	0.0	2.6	7.5	4.2	18.4	0.5	0.0	2.3	0.1	0.0	0.8	0.2	0.0	0.8	0.3	0.0	1.2	0.3	0.0	1.2	
13	Region 20	3.1	1.2	5.3	1.7	0.4	5.7	4.8	2.2	9.1	0.0	0.0	0.3	0.9	0.0	2.8	5.8	2.2	10.4	0.4	0.0	1.6	0.2	0.0	0.9	0.2	0.0	0.7	0.3	0.0	0.9	0.3	0.0	0.9	
20	Region 21	3.3	1.6	6.9	1.8	0.4	8.2	5.1	2.3	15.1	0.1	0.0	0.5	0.4	0.0	3.0	5.6	2.3	15.2	0.1	0.0	1.5	0.4	0.0	2.4	0.2	0.0	1.0	0.6	0.0	2.4	0.6	0.0	2.4	
31	Region 22	8.8	2.3	70.6	2.2	0.6	10.4	11.0	3.0	75.8	0.2	0.0	1.1	0.5	0.0	2.3	11.6	3.6	75.9	0.2	0.0	1.0	0.2	0.0	2.0	0.2	0.0	0.9	0.4	0.0	2.0	0.4	0.0	2.0	
41	Region 23	21.0	1.6	88.5	2.1	0.2	11.3	23.1	2.9	91.6	0.1	0.0	1.2	0.2	0.0	1.9	23.4	3.2	91.6	0.2	0.0	1.6	0.3	0.0	11.2	0.2	0.0	1.3	0.5	0.0	11.2	0.5	0.0	11.2	
13	Region 24	6.0	0.8	11.6	3.2	0.2	17.1	9.2	2.4	23.4	0.2	0.0	1.0	0.3	0.0	1.1	9.7	2.4	25.0	0.2	0.0	1.1	0.2	0.0	0.9	0.5	0.0	1.8	0.7	0.0	2.4	0.7	0.0	2.4	
7	Region 26	4.9	2.0	11.3	1.7	0.5	5.0	6.6	2.5	16.2	0.1	0.0	0.4	1.0	0.0	3.5	7.6	3.1	19.8	0.3	0.0	1.4	0.9	0.0	4.1	0.2	0.0	0.5	1.0	0.0	4.6	1.0	0.0	4.6	
2	Region 27	2.3	1.6	2.9	1.4	1.0	1.8	3.7	3.4	3.9	0.2	0.2	0.2	0.2	0.0	0.4	4.1	4.1	4.1	4.1	0.0	0.0	0.0	0.3	0.0	0.6	0.1	0.0	0.1	0.4	0.1	0.6	0.4	0.1	0.6
14	Region 28	3.7	1.0	10.3	0.7	0.4	1.9	4.5	1.7	10.8	0.0	0.0	0.2	1.2	0.0	4.7	5.7	1.7	11.1	0.4	0.0	5.2	0.9	0.0	5.4	0.3	0.0	1.2	1.1	0.0	5.7	1.1	0.0	5.7	
15	Region 29	2.0	0.4	4.5	1.5	0.4	4.5	3.5	1.3	8.4	0.1	0.0	0.5	0.6	0.0	3.7	4.2	1.5	9.8	0.3	0.0	2.7	0.2	0.0	1.0	0.2	0.0	0.7	0.4	0.0	1.6	0.4	0.0	1.6	
25	Region 30	4.6	1.3	22.5	1.2	0.2	5.3	5.8	2.6	27.8	0.0	0.0	0.5	0.6	0.0	3.9	6.5	3.1	28.8	0.1	0.0	1.5	1.3	0.0	14.5	0.5	0.0	2.9	1.8	0.0	15.5	1.8	0.0	15.5	
8	Region 31	4.4	0.6	12.9	0.8	0.2	1.6	5.2	1.5	13.0	0.1	0.0	1.0	0.4	0.0	1.6	5.7	1.9	13.4	0.3	0.0	1.3	0.3	0.0	0.7	0.7	0.0	3.4	1.0	0.2	3.4	1.0	0.2	3.4	
10	Region 32	2.9	1.4	5.2	1.8	0.7	2.5	4.7	2.1	7.6	0.1	0.0	0.5	0.2	0.0	0.8	5.0	2.1	7.8	0.2	0.0	0.5	0.5	0.0	1.3	0.2	0.0	0.9	0.7	0.0	1.5	0.7	0.0	1.5	
22	Region 33	4.8	1.9	18.4	1.1	0.2	4.7	5.9	2.5	20.8	0.0	0.0	0.2	0.5	0.0	2.5	6.4	2.6	20.8	0.4	0.0	5.7	1.1	0.0	9.3	0.4	0.0	4.7	1.5	0.0	9.3	1.5	0.0	9.3	
32	Region 34	2.0	0.8	6.3	1.5	0.0	4.0	3.5	1.3	7.3	0.1	0.0	1.4	0.3	0.0	1.4	4.0	1.3	8.2	0.2	0.0	4.1	0.1	0.0	1.6	0.2	0.0	1.7	0.4	0.0	2.2	0.4	0.0	2.2	
11	Region 35	10.2	0.2	84.4	2.3	0.5	12.3	12.5	1.2	96.7	0.2	0.0	1.1	0.4	0.0	1.4	13.2	1.5	96.8	1.9	0.0	9.8	0.1	0.0	0.7	0.4	0.0	1.4	0.5	0.0	2.1	0.5	0.0	2.1	
22	Region 36	4.5	1.1	14.3	2.2	0.1	19.0	6.7	1.8	20.3	0.2	0.0	1.7	0.3	0.0	1.1	7.1	1.8	22.2	0.3	0.0	3.3	1.1	0.0	6.5	0.6	0.0	2.7	1.7	0.0	9.3	1.7	0.0	9.3	
<b>404</b>	<b>Ave. White</b>	<b>6.8</b>	<b>0.2</b>	<b>88.5</b>	<b>1.8</b>	<b>0.0</b>	<b>19.0</b>	<b>8.7</b>	<b>0.4</b>	<b>96.7</b>	<b>0.2</b>	<b>0.0</b>	<b>4.2</b>	<b>0.5</b>	<b>0.0</b>	<b>12.9</b>	<b>9.3</b>	<b>0.6</b>	<b>96.8</b>	<b>0.3</b>	<b>0.0</b>	<b>9.8</b>	<b>0.4</b>	<b>0.0</b>	<b>14.5</b>	<b>0.3</b>	<b>0.0</b>	<b>4.7</b>	<b>0.7</b>	<b>0.0</b>	<b>15.5</b>	<b>0.7</b>	<b>0.0</b>	<b>15.5</b>	