

TABLE 3: SOUTH AFRICAN MAIZE CROP QUALITY 2024/25 (Weighted Averages)										
Class and grade of maize	WM1	WM2	WM3	WCOM	YM1	YM2	YM3	YCOM	Weighted Ave.	
RSA Grading										
Defective kernels above 6.35 mm sieve, %	2.4	6.9	12.5	3.8	3.0	7.8	13.3	8.4	4.6	
Defective kernels below 6.35 mm sieve, %	1.3	1.7	1.8	2.0	1.7	2.8	5.2	3.1	1.8	
Total defective kernels, %	3.7	8.6	14.2	5.8	4.7	10.6	18.5	11.5	6.4	
Other colour maize kernels, %	0.2	0.7	0.6	0.1	0.0	0.2	0.4	0.6	0.2	
Foreign matter, %	0.0	0.1	0.2	1.0	0.0	0.1	0.3	0.8	0.1	
Combined deviation, %	3.9	9.5	15.1	6.9	4.8	10.8	19.2	12.9	6.8	
Pinked maize kernels, %	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
Physical Factors										
Test weight, kg/hl	76.7	76.8	75.9	76.7	76.1	75.9	74.7	74.4	76.3	
100 Kernel mass, g	36.6	36.7	37.7	37.9	34.2	32.8	31.0	32.7	35.1	
Stress cracks, %	5	6	4	4	3	5	5	5	4	
Milling Index	78	78	76	76	73	72	69	70	75	
Grit Yield	64	64	64	64	63	63	62	62	63	
Kernel Size										
% on top 10 mm	26.2	25.6	35.3	33.6	12.0	9.2	12.1	9.3	18.5	
% on top 8 mm	62.9	63.1	56.6	58.4	63.8	61.6	56.8	64.4	62.7	
% through 8 mm	10.8	11.3	8.1	8.0	24.4	29.2	31.1	26.3	18.8	
Breakage susceptibility										
% Below 6.35 mm sieve	0.8	1.1	1.4	1.1	0.9	1.1	1.8	1.7	1.0	
% Below 4.75 mm sieve	0.7	0.9	1.1	0.9	0.7	0.8	1.1	1.1	0.8	
Nutritional Values										
Fat, % (db)	4.0	3.9	3.8	4.0	4.0	3.9	3.7	4.0	4.0	
Protein, % (db)	8.8	9.0	9.1	9.2	8.8	8.8	8.7	8.8	8.9	
Starch, % (db)	74.3	73.8	73.6	73.7	73.6	73.5	73.5	73.5	73.8	
Crude fibre, % (db)	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	
Number of samples	282	122	39	15	371	119	18	34	1 000	

WCOM: White maize downgraded to Class Other Maize.
YCOM: Yellow maize downgraded to Class Other Maize.