

TABLE 23: PHYSICAL QUALITY CHARACTERISTICS OF WHITE MAIZE PER PROVINCE (2024/25)																												
Number of samples	Province	Test weight (kg/ha)			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			SAGI Milling index 2025			GYA		
								Above 10 mm sieve			Above 8 mm sieve			Below 8 mm sieve			< 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.
-	Western Cape	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	Northern Cape	81.3	81.3	81.3	36.6	36.6	36.6	4.6	4.2	5.0	74.6	73.5	75.8	20.8	19.2	22.3	1.0	0.7	1.2	4	3	4	89	86	91	67	66	68
156	Free State	77.1	66.0	82.7	37.7	25.0	45.3	34.0	2.6	64.5	57.8	33.1	81.0	8.2	0.3	37.5	1.0	0.0	5.3	5	0	29	79	36	100	65	54	70
-	Eastern Cape	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	KwaZulu Natal	76.8	74.3	80.8	33.7	27.8	38.5	13.4	5.9	51.5	66.8	40.5	74.8	19.8	8.0	33.4	1.1	0.1	2.3	5	0	12	77	69	90	64	62	67
184	Mpumalanga	76.3	71.1	80.9	36.1	21.6	45.8	21.2	1.8	86.2	66.5	0.3	82.4	12.3	2.0	57.7	0.9	0.0	6.5	5	0	23	76	46	95	64	56	68
7	Limpopo	77.8	75.5	80.0	33.7	26.6	36.6	12.0	0.4	32.3	64.9	51.1	78.8	23.1	4.3	48.5	0.5	0.1	1.1	3	1	6	78	65	94	64	61	68
29	Gauteng	75.5	69.9	78.9	36.8	25.5	41.6	23.9	5.4	47.3	64.7	49.1	80.0	11.4	3.5	27.4	1.0	0.0	3.2	7	0	17	78	64	93	64	61	68
67	North West	76.8	72.4	79.7	37.2	25.2	43.5	33.5	2.1	56.7	58.5	40.7	75.3	8.0	1.5	33.2	0.9	0.0	2.8	3	0	12	78	61	95	64	60	68
458	Ave. WHITE	76.7	66.0	82.7	36.8	21.6	45.8	27.1	0.4	86.2	62.3	0.3	82.4	10.6	0.3	57.7	0.9	0.0	6.5	5	0	29	78	36	100	64	54	70

TABLE 24: PHYSICAL QUALITY CHARACTERISTICS OF YELLOW MAIZE PER PROVINCE (2024/25)																															
Number of samples	Province	Test weight (kg/ha)			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			SAGI Milling Index 2025			GYA					
								Above 10 mm sieve			Above 8 mm sieve			Below 8 mm sieve			< 6.35 mm sieve												< 4.75 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.			
7	Western Cape	75.2	72.3	77.7	35.3	31.8	41.2	5.6	1.0	25.2	62.7	58.0	67.1	31.6	7.7	40.6	0.9	0.2	1.6	0.4	0.2	0.8	2	0	3	70	54	83	62	58	66
47	Northern Cape	78.2	75.2	79.9	35.2	25.8	40.0	1.7	0.0	4.3	56.6	33.8	71.5	41.7	25.2	65.9	1.3	0.1	2.9	1.1	0.0	2.7	2	0	8	74	54	85	63	59	66
201	Free State	75.5	68.2	80.3	33.2	18.9	48.9	11.4	0.0	56.0	64.6	27.2	78.8	24.0	3.1	70.8	0.9	0.0	7.1	0.7	0.0	4.5	4	0	17	73	32	97	63	53	69
-	Eastern Cape	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	KwaZulu Natal	76.3	73.6	78.5	33.7	27.6	38.4	4.0	0.5	19.4	61.2	45.9	71.3	34.7	14.4	53.5	1.6	0.0	3.9	1.2	0.0	2.6	4	0	11	66	45	87	62	56	67
208	Mpumalanga	75.8	66.9	80.5	33.9	20.9	45.7	15.0	0.0	56.9	63.6	31.6	87.3	21.4	1.9	67.2	0.9	0.0	6.3	0.7	0.0	5.7	4	0	20	73	49	91	63	57	67
3	Limpopo	76.3	75.9	76.9	32.7	26.5	39.6	19.9	0.0	56.0	47.2	40.4	59.0	32.9	3.6	57.9	2.0	0.6	3.7	1.4	0.6	2.6	2	0	3	61	34	80	60	54	65
24	Gauteng	75.1	68.0	77.5	32.7	22.7	38.9	10.0	0.4	25.0	62.9	31.4	77.0	27.1	6.1	68.2	1.2	0.2	3.3	0.8	0.0	1.8	5	1	18	75	60	85	63	60	66
18	North West	75.2	69.0	79.9	33.9	28.7	40.4	6.7	0.0	50.2	65.2	48.0	76.2	28.0	1.8	45.1	1.7	0.2	3.6	1.2	0.2	2.7	4	0	8	67	52	80	62	58	65
542	Ave. YELLOW	75.9	66.9	80.5	33.7	18.9	48.9	11.2	0.0	56.9	63.1	27.2	87.3	25.7	1.8	70.8	1.1	0.0	7.1	0.8	0.0	5.7	4	0	20	72	32	97	63	53	69
	Min. YELLOW																														
	Max. YELLOW																														