

TABLE 25: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2024/25)																				
Number of samples	Region	Roff Milling															Whiteness index			
		Break 1, %		Break 2, %		Break 3, %		Grits, %		Chop, %		Extraction, % (Total meal)			Whiteness index unsifted		Whiteness index sifted 87:13			
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	
GRADE: WM1																				
106	Ave. WM1	13.5		7.8		11.2		43.9		23.3		76.4		32.4		30.1				
	Min. WM1	8.9		6.6		8.0		36.9		0.0		72.3		21.8		18.3				
	Max. WM1	17.9		10.7		12.6		59.2		27.7		84.2		42.5		42.6				
GRADE: WM2																				
64	Ave. WM2	13.5		7.9		11.3		43.6		23.7		76.3		29.9		27.9				
	Min. WM2	9.7		6.9		9.4		34.0		21.3		71.7		18.2		17.8				
	Max. WM2	18.1		14.4		12.5		49.2		28.3		78.7		37.6		36.2				
GRADE: WM3																				
22	Ave. WM3	13.1		7.8		11.3		44.3		23.6		76.4		28.3		26.6				
	Min. WM3	9.2		6.8		10.6		35.8		21.7		73.5		19.9		16.6				
	Max. WM3	17.4		9.1		12.3		50.3		26.5		78.3		34.2		32.3				
GRADE: COM																				
9	Ave. COM	13.7		7.9		11.4		43.2		23.9		76.1		30.2		27.3				
	Min. COM	12.0		7.5		11.0		37.5		22.1		73.3		26.3		24.1				
	Max. COM	16.1		8.3		12.1		47.1		26.7		77.9		37.0		32.3				
201	Ave. White	13.5		7.8		11.3		43.8		23.5		76.4		31.1		28.9				
	Min. White	8.9		6.6		8.0		34.0		0.0		71.7		18.2		16.6				
	Max. White	18.1		11.4		12.6		59.2		28.3		84.2		42.5		42.6				

TABLE 26: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE PER PROVINCE (2024/25)																									
Number of samples	Province	Roff Milling										Whiteness index													
		Break 1, %		Break 2, %		Break 3, %		Grits, %		Chop, %		Extraction, % (Total meal)			Whiteness index unsifted			Whiteness index sifted 87:13							
		ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.						
-	Western Cape	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
2	Northern Cape	11.8	11.7	12.0	7.0	6.9	7.1	11.6	11.5	11.7	46.3	46.2	46.3	23.3	23.2	23.4	76.7	76.6	76.8	33.7	33.2	34.2	30.4	29.7	31.1
73	Free State	13.1	8.9	17.9	7.7	6.6	8.6	11.3	8.6	12.4	44.8	36.9	59.2	22.8	0.0	26.8	76.9	73.2	84.2	31.1	23.9	40.4	29.3	20.0	37.7
-	Eastern Cape	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	KwaZulu Natal	14.3	11.8	16.2	7.8	7.3	8.5	11.5	11.1	12.5	42.7	40.4	46.3	23.8	21.5	25.2	76.2	74.8	78.5	32.8	28.3	38.3	30.1	23.4	35.4
71	Mpumalanga	13.8	10.6	18.1	8.1	7.0	11.4	11.3	8.0	12.6	42.7	34.0	48.7	24.1	21.0	28.3	75.9	71.7	79.0	30.9	18.2	39.1	28.7	17.8	39.5
4	Limpopo	14.3	12.5	16.1	7.4	6.8	8.1	10.8	8.6	11.5	42.7	40.2	45.3	24.8	23.2	27.0	75.2	73.0	76.8	37.7	33.3	42.5	36.0	30.4	42.6
-	Gauteng	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42	North West	13.3	9.2	17.4	7.8	7.0	9.1	11.3	9.9	12.1	44.1	38.2	50.3	23.5	22.0	26.0	76.5	74.0	78.0	30.0	19.9	37.3	27.6	16.6	34.1
201	Ave. White	13.5			7.8			11.3			43.8			23.5			76.4			31.1			28.9		
	Min. White		8.9			6.6			8.0			34.0		0.0			71.7				18.2			16.6	
	Max. White			18.1			11.4			12.6			59.2		28.3			84.2				42.5			42.6