

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2014/2015) (continue)

Number of samples	Region	Roﬀ Milling												Whiteness index											
		Break 1, %			Break 2, %			Break 3, %			Grits, %			Bran and Germ, %			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.	ave.	min.	max.	ave.	min.	max.
GRADE: WM2																									
4	Region 12	12.0	10.7	13.3	11.5	10.7	12.3	26.0	25.2	26.5	29.5	28.4	30.8	21.0	19.9	22.6	79.0	77.4	80.1	24.4	22.5	26.9	19.3	16.8	21.0
3	Region 13	12.2	11.6	13.3	11.3	10.7	12.4	24.6	24.0	25.3	30.0	29.1	30.9	21.9	20.6	22.9	78.1	77.1	79.4	19.6	16.4	24.4	14.1	12.8	16.1
1	Region 14	13.1	-	-	11.8	-	-	23.5	-	-	31.5	-	-	20.1	-	-	79.9	-	-	12.9	-	-	7.4	-	-
1	Region 17	12.2	-	-	11.4	-	-	25.0	-	-	30.9	-	-	20.5	-	-	79.5	-	-	23.5	-	-	18.5	-	-
4	Region 18	12.9	12.2	14.1	12.3	11.8	13.2	24.3	23.9	25.0	28.8	25.8	30.8	21.7	20.1	23.1	78.3	76.9	79.9	22.5	18.5	24.5	17.3	14.5	19.9
3	Region 19	11.3	10.4	12.2	11.2	10.5	11.7	25.3	23.9	26.1	30.2	29.6	30.6	22.0	20.6	23.8	78.0	76.2	79.4	21.9	19.7	25.1	14.0	11.7	15.9
3	Region 20	12.4	10.5	14.1	11.4	10.9	12.0	24.6	24.2	24.9	28.5	26.1	31.1	23.0	22.6	23.6	77.0	76.4	77.4	20.4	14.9	28.3	17.5	12.2	21.6
3	Region 21	11.0	9.5	13.5	11.2	10.6	11.7	25.6	25.1	26.2	31.2	28.8	33.1	21.1	20.8	21.4	78.9	78.6	79.2	19.0	15.8	22.4	12.9	10.7	14.5
4	Region 22	11.8	9.9	14.1	11.6	10.7	12.2	25.6	23.1	28.0	30.8	27.4	33.6	20.2	18.7	21.4	79.8	78.6	81.3	21.5	18.8	23.9	9.0	5.6	13.0
4	Region 23	11.7	11.0	12.6	11.6	11.5	11.8	26.0	25.8	26.2	29.2	28.2	30.7	21.5	20.8	22.3	78.5	77.7	79.2	23.4	19.8	24.7	15.7	12.8	19.0
1	Region 24	11.9	-	-	11.5	-	-	27.5	-	-	28.3	-	-	20.8	-	-	79.2	-	-	24.7	-	-	19.4	-	-
3	Region 25	11.7	9.9	13.5	12.0	11.6	12.7	25.1	22.7	26.6	26.8	23.5	30.7	24.4	21.7	27.5	75.6	72.5	78.3	21.7	19.5	25.3	15.7	12.9	19.2
2	Region 26	12.2	10.4	14.0	11.6	11.2	12.0	26.2	25.2	27.3	29.4	27.1	31.7	20.6	19.5	21.7	79.4	78.3	80.5	13.4	10.0	16.7	9.7	2.3	17.2
4	Region 28	13.7	12.3	15.0	11.7	11.2	12.2	23.2	21.6	25.0	30.4	28.4	32.2	21.0	19.7	23.1	79.0	76.9	80.3	20.5	17.1	23.0	10.5	9.0	12.1
4	Region 29	12.0	9.7	16.3	11.3	10.8	11.9	23.8	21.3	26.1	31.7	27.8	35.3	21.2	20.1	22.8	78.8	77.2	79.9	19.6	18.9	20.5	9.7	7.5	12.4
2	Region 30	13.9	12.7	15.1	12.1	11.8	12.4	22.3	22.1	22.4	29.5	28.1	31.0	22.2	21.6	22.9	77.8	77.1	78.4	23.2	20.3	26.0	13.8	11.8	15.9
2	Region 31	14.0	12.2	15.9	11.9	11.8	12.0	23.9	23.1	24.6	29.8	29.1	30.4	20.4	18.8	22.1	79.6	77.9	81.2	17.7	16.7	18.7	1.3	-9.9	12.4
3	Region 32	14.4	13.8	15.0	12.2	11.9	12.4	21.6	20.6	22.5	29.7	29.0	30.5	22.1	21.5	23.1	77.9	76.9	78.5	22.3	21.1	23.8	13.8	11.7	16.1
2	Region 33	13.8	13.7	13.8	11.8	11.7	11.9	24.7	24.5	25.0	28.7	27.1	30.3	21.0	19.3	22.8	79.0	77.2	80.7	21.9	20.3	23.6	14.4	14.1	14.6
2	Region 34	12.6	12.5	12.8	12.0	11.7	12.2	22.1	21.6	22.6	32.6	32.4	32.7	20.8	20.1	21.5	79.2	78.5	79.9	23.4	20.6	26.1	14.3	12.5	16.2
1	Region 35	14.8	-	-	12.5	-	-	22.7	-	-	30.7	-	-	19.4	-	-	80.6	-	-	25.4	-	-	17.2	-	-
3	Region 36	12.8	11.8	13.5	11.5	10.5	12.1	26.1	25.0	27.3	27.5	26.5	28.2	22.0	19.5	24.4	78.0	75.6	80.5	20.8	10.5	31.5	10.7	6.1	16.7
59	Ave. WM2	12.5			11.7			24.6			29.7			21.5			78.5			21.2			13.4		
	Min. WM2	9.5			10.5			20.6			23.5			18.7			72.5			10.0			-9.9		
	Max. WM2	16.3			13.2			28.0			35.3			27.5			81.3			31.5			21.6		

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		Break 1, %			Break 2, %			Break 3, %			Grits, %			Bran and Germ, %			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.	ave.	min.	max.	ave.	min.	max.
GRADE: WM3																									
2	Region 13	10.3	10.1	10.6	11.3	11.2	11.5	26.0	25.7	26.3	31.3	31.2	31.4	21.0	20.7	21.3	79.0	78.7	79.3	17.3	17.0	17.7	10.0	7.9	12.1
1	Region 14	14.8	-	-	11.9	-	-	24.5	-	-	25.6	-	-	23.2	-	-	76.8	-	-	32.9	-	-	26.2	-	-
2	Region 17	14.2	14.1	14.4	12.2	11.6	12.8	24.8	24.5	25.1	26.0	25.9	26.2	22.7	22.7	22.8	77.3	77.2	77.3	17.6	17.3	17.9	11.5	11.5	11.6
1	Region 18	14.5	-	-	12.5	-	-	25.3	-	-	24.9	-	-	22.8	-	-	77.2	-	-	19.8	-	-	11.2	-	-
1	Region 19	12.2	-	-	12.0	-	-	25.0	-	-	27.6	-	-	23.1	-	-	76.9	-	-	16.6	-	-	14.9	-	-
2	Region 20	10.7	10.6	10.8	10.9	10.6	11.3	21.9	21.3	22.6	26.3	25.7	26.9	30.1	29.6	30.7	69.9	69.3	70.4	26.6	26.2	27.0	20.7	18.4	23.0
1	Region 21	15.5	-	-	12.3	-	-	25.3	-	-	25.4	-	-	21.4	-	-	78.6	-	-	33.1	-	-	14.7	-	-
1	Region 24	12.2	-	-	11.8	-	-	26.5	-	-	29.9	-	-	19.5	-	-	80.5	-	-	20.2	-	-	12.1	-	-
2	Region 25	15.6	13.5	17.6	12.7	12.6	12.8	23.6	22.8	24.4	22.8	20.7	25.0	25.4	24.6	26.1	74.6	73.9	75.4	24.7	21.6	27.9	21.0	19.5	22.4
1	Region 28	13.4	-	-	11.5	-	-	24.0	-	-	26.0	-	-	25.0	-	-	75.0	-	-	2.7	-	-	-2.4	-	-
1	Region 29	16.3	-	-	12.3	-	-	20.6	-	-	27.6	-	-	23.2	-	-	76.8	-	-	25.5	-	-	18.1	-	-
1	Region 30	14.8	-	-	20.8	-	-	18.6	-	-	27.0	-	-	18.7	-	-	81.3	-	-	-16.5	-	-	-27.9	-	-
1	Region 33	15.2	-	-	12.9	-	-	25.2	-	-	24.9	-	-	21.8	-	-	78.2	-	-	18.2	-	-	7.2	-	-
2	Region 34	15.3	15.0	15.5	12.7	12.3	13.2	23.9	23.9	23.9	25.6	23.4	27.8	22.5	21.0	24.1	77.5	75.9	79.0	22.5	17.4	27.6	9.3	2.9	15.7
19	Ave. WM3	13.8			12.5			24.0			26.5			23.3			76.7			19.5			11.5		
	Min. WM3		10.1		10.6			18.6			20.7			18.7			69.3			-16.5			-27.9		
	Max. WM3		17.6		20.8			26.5			31.4			30.7			81.3			33.1			26.2		
CLASS: COM																									
1	Region 13	14.7	-	-	11.6	-	-	26.2	-	-	24.6	-	-	22.9	-	-	77.1	-	-	14.7	-	-	9.4	-	-
1	Region 19	12.7	-	-	12.1	-	-	25.3	-	-	27.5	-	-	22.4	-	-	77.6	-	-	16.9	-	-	9.4	-	-
1	Region 21	13.9	-	-	11.5	-	-	25.6	-	-	27.0	-	-	22.0	-	-	78.0	-	-	24.8	-	-	19.8	-	-
1	Region 30	10.4	-	-	12.0	-	-	26.1	-	-	29.5	-	-	22.1	-	-	77.9	-	-	15.2	-	-	1.2	-	-
1	Region 33	15.9	-	-	13.6	-	-	23.2	-	-	25.4	-	-	21.9	-	-	78.1	-	-	26.6	-	-	14.4	-	-
5	Ave. COM	13.5			12.2			25.3			26.8			22.2			77.8			19.7			10.8		
	Min. COM		10.4		11.5			23.2			24.6			21.9			77.1			14.7			1.2		
	Max. COM		15.9		13.6			26.2			29.5			22.9			78.1			26.6			19.8		
480	Ave. white maize	12.9			11.8			24.9			29.0			21.3			78.7			22.9			14.9		
	Min. white maize		0.0		7.6			18.6			19.8			15.7			69.0			-1.6			-27.9		
	Max. white maize		19.8		20.8			30.3			36.8			30.7			84.3			36.3			26.2		