

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE ACCORDING TO GRADE (2015/2016) (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																									
3	Region 12	10.9	9.4	13.0	10.3	10.1	10.7	20.6	20.0	21.0	36.5	34.2	37.9	21.6	21.1	22.1	78.4	77.9	78.9	26.1	20.3	30.5	19.0	15.5	21.6
10	Region 13	11.6	9.1	15.1	10.7	9.9	11.5	20.6	19.8	22.0	35.3	30.9	39.1	21.8	20.0	24.0	78.2	76.0	80.0	22.4	17.1	27.6	15.2	9.4	19.6
3	Region 14	9.7	9.0	10.3	10.1	9.5	10.4	20.9	19.3	21.8	38.0	37.1	38.5	21.3	19.9	23.7	78.7	76.3	80.1	21.0	18.8	22.7	15.3	14.1	16.8
2	Region 17	10.8	9.8	11.8	10.4	10.2	10.6	21.8	21.4	22.2	35.5	34.6	36.5	21.5	20.8	22.2	78.5	77.8	79.2	22.7	22.2	23.1	17.0	15.1	18.9
3	Region 18	11.8	11.3	12.3	11.0	10.7	11.4	21.2	20.4	22.2	35.0	33.9	35.8	21.0	20.2	21.4	79.0	78.6	79.8	23.7	21.6	25.8	20.5	19.0	23.2
12	Region 19	10.9	8.8	12.7	10.6	9.7	11.5	21.1	20.4	22.8	36.1	33.3	39.0	21.3	20.1	22.7	78.7	77.3	79.9	26.5	22.6	32.8	18.4	15.5	23.7
8	Region 20	12.2	10.5	13.9	11.0	10.0	11.9	21.5	20.5	22.4	34.4	31.2	37.7	21.0	19.5	22.5	79.0	77.5	80.5	26.7	21.7	31.7	19.5	11.6	27.2
1	Region 21	9.8	-	-	9.8	-	-	2.2	-	-	37.7	-	-	20.5	-	-	79.5	-	-	21.9	-	-	14.2	-	-
3	Region 22	11.4	10.8	12.1	10.6	10.4	10.9	20.6	19.8	22.3	35.6	33.6	36.9	21.7	19.7	23.6	78.3	76.4	80.3	26.6	22.6	30.2	19.4	16.5	21.1
1	Region 23	10.1	-	-	10.3	-	-	22.3	-	-	36.6	-	-	20.7	-	-	79.3	-	-	22.5	-	-	18.4	-	-
2	Region 24	10.6	10.5	10.8	10.3	10.1	10.5	22.4	21.4	23.3	35.7	35.5	35.8	21.1	19.9	22.3	78.9	77.7	80.1	25.1	22.4	27.7	18.0	17.1	19.0
1	Region 25	12.9	-	-	10.6	-	-	21.7	-	-	30.6	-	-	24.2	-	-	75.8	-	-	29.1	-	-	17.2	-	-
6	Region 26	13.7	8.3	17.0	11.0	9.5	12.2	20.4	18.6	22.1	30.9	27.3	38.2	24.1	20.8	28.2	75.9	71.8	79.2	24.5	19.6	28.6	14.7	11.5	18.7
2	Region 27	12.7	12.4	12.9	11.3	11.3	11.4	21.9	21.8	22.0	32.3	31.9	32.6	21.9	21.5	22.3	78.1	77.7	78.5	25.9	24.8	27.1	15.5	15.0	15.9
3	Region 28	12.8	10.0	14.8	10.9	10.3	11.4	22.4	22.0	23.1	32.1	30.3	34.7	21.7	19.8	23.0	78.3	77.0	80.2	27.8	20.1	34.1	17.6	10.5	22.0
2	Region 30	12.6	11.2	14.1	11.1	10.9	11.4	22.9	22.4	23.5	32.0	31.0	33.1	21.3	21.2	21.4	78.7	78.6	78.8	20.4	14.6	26.1	10.6	2.0	19.1
3	Region 31	12.3	10.2	13.6	11.0	10.5	11.9	22.0	21.1	22.6	31.7	29.6	34.5	23.0	21.2	25.6	77.0	74.4	78.8	18.2	14.7	20.7	5.6	2.5	7.9
5	Region 33	13.8	12.8	15.6	11.1	10.8	11.4	21.9	21.1	22.4	30.7	28.6	32.2	22.5	21.1	23.8	77.5	76.2	78.9	28.1	24.9	31.7	19.8	19.3	20.3
1	Region 34	12.2	-	-	11.4	-	-	21.1	-	-	35.2	-	-	20.0	-	-	80.0	-	-	27.6	-	-	17.7	-	-
5	Region 35	14.3	11.5	19.3	11.2	10.4	12.1	23.1	21.7	26.5	32.0	28.8	34.9	19.4	13.6	23.0	80.6	77.0	86.4	23.8	16.5	28.7	14.0	7.3	19.8
8	Region 36	11.8	11.0	12.6	10.6	10.2	10.9	21.4	20.9	21.9	33.8	32.9	34.7	22.4	21.8	23.5	77.6	76.5	78.2	24.8	20.7	31.2	17.5	14.0	24.7
84	Ave. WM2	12.0	8.3	19.3	10.8	9.5	12.2	21.4	18.6	26.5	34.1	27.3	39.1	21.7	13.6	28.2	78.3	71.8	86.4	24.8	14.6	34.1	16.8	2.0	27.2
	Min. WM2																								
	Max. WM2																								

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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																									
4	Region 13	11.6	8.9	15.4	10.8	9.8	11.8	20.6	19.9	21.2	34.3	29.4	37.7	22.8	21.4	23.5	77.2	76.5	78.6	20.7	14.7	28.2	11.2	4.9	17.9
2	Region 18	12.8	12.5	13.1	10.6	10.3	10.8	21.4	20.7	22.2	32.9	32.8	33.0	22.3	21.1	23.5	77.7	76.5	78.9	24.3	22.8	25.7	18.0	17.2	18.8
4	Region 19	12.2	10.4	14.2	10.9	10.5	11.7	21.4	20.5	22.4	34.6	33.0	35.9	20.8	19.4	22.6	79.2	77.4	80.6	26.2	19.4	32.7	17.5	12.2	22.5
3	Region 20	13.3	11.5	14.7	11.5	11.0	12.3	21.4	21.0	21.8	32.7	30.7	35.4	21.0	20.4	22.3	79.0	77.7	79.6	17.8	-1.5	27.6	7.8	-14.6	19.8
1	Region 21	9.6	-	-	10.1	-	-	22.6	-	-	37.9	-	-	19.8	-	-	80.2	-	-	22.0	-	-	13.0	-	-
4	Region 22	9.5	9.1	9.8	10.2	9.5	10.7	20.2	19.6	20.6	38.2	37.8	38.7	21.8	20.5	22.9	78.2	77.1	79.5	23.1	22.3	23.8	16.8	13.7	19.5
1	Region 28	13.1	-	-	11.0	-	-	24.2	-	-	32.1	-	-	19.5	-	-	80.5	-	-	23.9	-	-	15.0	-	-
1	Region 30	15.2	-	-	12.1	-	-	21.8	-	-	29.6	-	-	21.3	-	-	78.7	-	-	27.3	-	-	16.4	-	-
2	Region 31	10.2	10.2	10.3	10.7	10.5	11.0	21.7	21.3	22.2	35.3	34.7	35.9	21.9	21.6	22.3	78.1	77.7	78.4	4.0	2.4	5.6	-8.4	-9.3	-7.4
1	Region 33	11.0	-	-	10.0	-	-	22.0	-	-	35.9	-	-	21.2	-	-	78.8	-	-	12.7	-	-	-0.8	-	-
2	Region 35	11.6	10.7	12.5	10.5	9.7	11.4	19.9	19.4	20.3	34.8	33.8	35.8	23.3	23.0	23.5	76.7	76.5	77.0	21.6	16.8	26.5	13.0	8.0	18.1
2	Region 36	11.6	11.5	11.7	11.1	10.4	11.8	21.4	21.0	21.7	33.0	32.1	34.0	22.9	21.0	24.8	77.1	75.2	79.0	20.7	20.0	21.4	10.2	6.9	13.6
27	Ave. WM3	11.6	8.9	15.4	10.8	9.5	12.3	21.2	19.4	24.2	34.6	29.4	38.7	21.8	19.4	24.8	78.2	75.2	80.6	20.8	-1.5	32.7	11.6	-14.6	22.5
CLASS: COM																									
1	Region 19	13.6	-	-	11.2	-	-	21.6	-	-	32.2	-	-	21.4	-	-	78.6	-	-	33.9	-	-	25.2	-	-
1	Region 20	12.6	-	-	11.5	-	-	20.7	-	-	33.7	-	-	21.5	-	-	78.5	-	-	18.3	-	-	12.0	-	-
1	Region 31	11.7	-	-	10.7	-	-	22.1	-	-	32.6	-	-	22.8	-	-	77.2	-	-	30.6	-	-	22.2	-	-
1	Region 35	11.6	-	-	11.2	-	-	21.3	-	-	32.4	-	-	23.4	-	-	76.6	-	-	8.7	-	-	-4.0	-	-
4	Ave. COM	12.4	11.6	13.6	11.2	10.7	11.5	21.4	20.7	22.1	32.8	32.2	33.7	22.3	21.4	23.4	77.7	76.6	78.6	22.9	8.7	33.9	13.8	-4.0	25.2
415	Ave. white maize	12.1	8.3	19.3	10.8	6.8	12.3	21.7	18.6	26.5	33.9	27.3	39.1	21.6	13.6	28.2	78.4	71.8	86.4	26.1	-1.5	38.2	17.5	-14.6	28.6