

TABLE 18: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE (2019/20)

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.	ave.	min.	max.	ave.	min.	max.	
1	Region 10	13.1	-	-	11.1	-	-	17.5	-	-	35.5	-	-	22.8	-	-	77.2	-	-	32.2	-	-	24.2	-	-	
2	Region 11	12.3	11.8	12.9	10.1	10.0	10.3	19.3	18.6	19.9	36.6	36.3	36.8	21.7	21.3	22.0	78.3	78.0	78.7	32.5	30.0	35.0	23.3	21.3	25.4	
13	Region 12	14.6	12.2	16.7	11.4	10.7	12.8	17.9	16.0	19.9	32.3	27.9	35.4	23.8	21.4	27.9	76.2	72.1	78.6	34.9	28.9	40.3	24.9	18.9	31.1	
17	Region 13	14.8	13.7	17.1	11.1	10.4	12.2	17.5	16.7	18.3	32.0	28.2	34.1	24.5	22.6	26.4	75.5	73.6	77.4	31.0	27.2	37.5	20.3	16.3	27.6	
33	Region 14	15.2	11.7	19.3	11.5	10.5	13.1	17.9	15.3	19.3	31.8	26.7	36.8	23.6	21.5	28.7	76.4	71.3	78.5	33.8	29.1	41.0	23.3	18.3	31.5	
34	Region 15	14.8	12.0	17.8	11.6	10.3	12.9	18.1	16.7	19.2	32.0	26.6	36.8	23.5	21.3	26.1	76.5	73.9	78.7	34.9	28.4	41.4	25.2	19.5	32.3	
26	Region 16	15.2	11.0	17.0	11.5	10.8	12.5	18.0	16.5	19.4	32.1	28.0	37.7	23.2	20.8	26.2	76.8	73.8	79.2	33.5	29.1	41.2	23.6	17.9	31.1	
21	Region 17	15.2	14.1	17.1	11.4	10.7	11.9	17.8	16.0	19.4	31.3	27.1	33.8	24.3	22.0	27.8	75.7	72.2	78.0	34.2	26.5	40.0	23.5	14.1	30.2	
17	Region 18	16.2	13.4	19.8	11.5	10.4	13.0	17.2	15.4	18.8	30.4	19.9	36.7	24.7	21.4	31.8	75.3	68.2	78.6	33.3	29.4	39.0	23.5	18.1	38.0	
20	Region 19	14.7	12.0	17.0	11.2	10.3	11.8	17.5	15.5	19.1	32.0	27.3	37.2	24.6	21.9	29.4	75.4	70.6	78.1	33.8	29.1	39.2	23.2	18.8	29.9	
15	Region 20	15.0	13.8	16.3	11.5	10.7	12.1	17.6	15.3	18.6	31.4	28.3	34.2	24.4	22.7	29.7	75.6	70.3	77.3	31.4	24.7	38.9	21.3	15.3	35.5	
34	Region 21	14.2	11.8	16.9	11.0	10.0	12.4	17.5	15.5	19.8	33.3	28.4	37.0	24.0	21.5	28.4	76.0	71.6	78.5	31.8	9.7	39.2	21.7	-3.2	33.4	
32	Region 22	14.9	12.1	17.4	11.4	10.4	12.5	17.7	16.0	19.3	32.1	28.9	36.6	23.9	21.1	25.4	76.1	74.6	78.9	33.0	27.5	36.2	24.5	17.0	31.1	
56	Region 23	14.9	11.2	17.8	11.1	9.9	12.4	17.6	15.4	19.2	32.2	23.1	38.2	24.2	21.5	34.7	75.8	65.3	78.5	34.0	27.1	41.1	24.5	16.7	36.0	
25	Region 24	15.6	12.1	20.0	11.3	10.0	13.1	17.6	15.4	19.8	31.6	23.3	37.4	24.0	21.1	27.5	76.0	72.5	78.9	32.8	22.4	40.8	23.4	10.3	39.7	
3	Region 25	17.1	15.5	19.7	12.0	11.4	12.5	16.4	15.6	17.2	28.8	24.4	31.3	25.7	24.0	27.8	74.3	72.2	76.0	35.8	33.7	37.2	26.3	22.6	30.4	
21	Region 26	14.3	8.5	19.7	11.1	9.6	13.0	17.3	15.0	19.0	32.5	24.3	40.5	24.8	22.8	27.8	75.2	72.2	77.2	23.8	-9.2	39.8	13.5	-19.1	34.3	
11	Region 27	13.3	10.9	15.6	10.8	9.9	11.9	17.2	15.9	18.2	34.3	29.9	37.4	24.4	22.7	27.7	75.6	72.3	77.3	28.9	26.2	32.6	20.8	16.4	23.2	
17	Region 28	11.8	8.4	14.2	10.1	8.9	12.0	18.9	17.4	19.9	36.5	32.1	41.0	22.6	20.2	25.8	77.4	74.2	79.8	30.3	24.6	35.0	21.3	16.6	26.6	
17	Region 29	12.4	10.6	14.4	10.5	9.6	11.4	18.5	17.8	19.2	36.0	33.1	38.6	22.7	21.2	25.3	77.3	74.7	78.8	28.5	20.1	33.0	17.5	8.2	23.8	
11	Region 30	13.6	12.3	15.6	10.7	10.0	11.4	18.4	17.4	19.6	34.6	32.7	37.3	22.6	19.6	25.0	77.4	75.0	80.4	31.9	26.7	37.5	21.1	14.8	27.3	
15	Region 31	13.0	11.7	15.6	10.5	9.9	11.6	18.0	17.1	19.9	34.3	30.8	36.2	24.3	21.8	26.9	75.7	73.1	78.2	30.3	17.2	38.4	19.7	5.0	28.0	
19	Region 32	14.3	12.4	18.1	10.8	10.0	11.9	17.9	16.3	19.3	33.6	29.9	36.4	23.4	21.4	25.5	76.6	74.5	78.6	31.1	26.0	37.2	19.9	14.4	27.2	
13	Region 33	13.3	11.6	14.8	10.6	10.1	11.6	18.2	16.7	19.4	35.0	31.3	36.6	22.9	20.2	24.7	77.1	75.3	79.8	31.1	27.0	33.9	20.3	14.8	24.5	
21	Region 34	12.3	9.7	15.5	10.4	9.7	11.8	18.1	16.5	19.7	35.9	31.4	38.0	23.3	21.0	25.4	76.7	74.6	79.0	27.2	15.5	33.8	17.0	4.8	25.2	
3	Region 35	12.6	10.1	15.3	9.7	8.6	10.6	18.5	18.1	18.9	36.8	33.1	40.3	22.4	22.0	22.9	77.6	77.1	78.0	30.8	27.7	35.6	20.1	16.0	24.5	
19	Region 36	11.6	9.9	12.9	10.0	9.0	10.9	18.4	16.0	19.3	37.4	34.6	40.4	22.6	20.3	25.6	77.4	74.4	79.7	26.4	18.5	33.9	15.2	6.2	25.2	
516	Ave. White	14.3	8.4	20.0	11.1	8.6	13.1	17.8	15.0	19.9	33.0	19.9	41.0	23.8	19.6	34.7	76.2	65.3	80.4	31.8	-9.2	41.4	21.8	-19.1	39.7	
	Min. White																									
	Max. White																									