

**TABLE 18: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE (2018/19)**

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.	
4	Region 11	12.6	12.2	12.9	10.3	10.2	10.4	20.0	18.3	23.1	34.2	31.4	35.2	22.9	21.8	23.5	77.1	76.5	78.2	30.5	29.9	31.3	21.5	21.4	21.8	
10	Region 12	11.6	7.7	14.2	10.6	8.6	11.8	20.4	17.0	23.5	33.1	29.8	36.5	24.3	22.0	30.2	75.7	69.8	78.0	30.1	23.1	34.4	21.2	12.8	27.9	
17	Region 13	12.5	9.8	14.3	10.8	10.3	11.5	19.6	17.0	20.9	32.2	28.5	36.6	25.0	22.5	28.7	75.0	71.3	77.5	27.4	8.4	32.9	17.0	-5.2	23.3	
30	Region 14	12.9	10.7	15.9	11.1	10.3	12.2	21.0	18.2	24.5	31.1	23.1	35.4	24.0	21.1	27.6	76.0	72.4	78.9	32.5	21.5	36.3	23.1	13.9	29.3	
5	Region 15	14.1	13.1	15.3	11.2	10.9	11.5	22.5	21.9	23.3	27.5	26.3	29.0	24.7	23.6	26.0	75.3	74.0	76.4	31.6	30.5	33.3	21.7	20.3	22.9	
11	Region 16	13.7	10.4	17.1	11.6	10.6	12.8	21.5	19.4	22.9	28.4	21.1	33.7	24.8	21.2	30.7	75.2	69.3	78.8	33.7	28.2	38.9	24.7	17.6	36.6	
16	Region 17	13.2	11.7	14.8	11.0	10.5	11.8	20.3	17.1	25.7	31.2	26.9	33.4	24.3	20.9	27.7	75.7	72.3	79.1	28.6	19.9	34.0	18.4	12.2	25.1	
11	Region 18	12.9	10.6	14.6	10.7	10.2	11.1	20.4	17.2	23.0	31.6	26.2	35.7	24.4	22.6	26.8	75.6	73.2	77.4	26.5	6.3	32.0	16.3	-3.6	20.5	
14	Region 19	12.1	10.1	14.4	10.9	9.8	13.4	20.0	18.7	21.2	32.7	29.9	36.1	24.3	21.9	27.3	75.7	72.7	78.1	29.6	23.5	33.6	19.8	12.5	23.6	
13	Region 20	13.2	11.0	14.9	11.2	9.8	11.8	20.9	19.2	23.5	30.8	27.9	33.1	23.9	22.7	24.9	76.1	75.1	77.3	31.7	28.2	36.3	21.8	14.4	25.9	
20	Region 21	12.8	10.3	15.7	10.7	9.3	11.7	21.6	18.2	24.3	31.2	27.6	36.4	23.7	20.4	25.9	76.3	74.1	79.6	29.2	21.9	36.6	19.6	10.9	27.6	
31	Region 22	13.9	12.4	16.4	11.5	11.1	12.4	21.5	19.3	23.3	28.8	24.2	32.8	24.2	22.6	27.0	75.8	73.0	77.4	34.4	27.0	40.1	24.0	16.4	28.7	
41	Region 23	14.2	10.7	16.9	11.6	9.4	12.8	21.5	17.6	24.7	28.1	20.1	33.4	24.7	21.0	32.3	75.3	67.7	79.0	33.0	25.1	39.1	23.0	16.4	27.2	
13	Region 24	13.6	10.4	16.6	11.0	9.3	12.2	21.7	19.8	24.3	29.5	24.8	34.1	24.1	21.0	26.9	75.9	73.1	79.0	29.1	19.8	32.6	18.9	7.4	23.5	
7	Region 26	12.0	7.6	15.3	10.3	8.9	11.6	20.6	18.6	22.8	33.1	28.8	40.4	24.0	21.6	25.5	76.0	74.5	78.4	23.0	11.0	30.8	13.6	-0.3	23.2	
2	Region 27	14.3	12.8	15.7	11.1	11.0	11.2	19.1	17.8	20.3	30.2	26.2	34.3	25.3	21.5	29.1	74.7	70.9	78.5	32.8	32.1	33.4	23.2	22.4	24.0	
14	Region 28	13.1	11.2	15.8	10.8	9.9	11.8	23.0	21.2	25.4	30.9	28.5	34.7	22.1	20.3	25.2	77.9	74.8	79.7	27.3	20.5	31.5	17.7	11.9	24.0	
15	Region 29	12.5	10.5	16.3	10.3	9.5	11.2	23.0	20.3	24.3	30.7	27.4	33.9	23.6	21.2	25.8	76.4	74.2	78.8	28.6	22.3	37.8	19.5	11.7	28.1	
25	Region 30	13.0	11.4	15.3	10.7	9.5	11.3	22.1	17.4	24.8	30.7	27.2	35.2	23.5	20.7	26.9	76.5	73.1	79.3	27.2	10.0	34.0	16.8	-1.7	25.6	
8	Region 31	12.2	10.8	13.6	10.6	10.1	11.2	21.4	17.8	25.2	30.9	25.8	35.3	24.9	22.3	31.6	75.1	68.4	77.7	28.7	25.1	31.9	18.6	13.5	22.7	
10	Region 32	13.5	11.1	16.3	11.0	9.9	12.8	21.7	18.4	24.5	29.3	25.8	33.0	24.4	23.2	26.2	75.6	73.8	76.8	32.2	28.7	39.6	22.9	18.2	31.2	
22	Region 33	13.6	12.0	15.9	10.8	10.1	11.8	21.9	17.3	25.1	30.0	25.7	34.5	23.6	21.7	26.2	76.4	73.8	78.3	28.9	16.8	34.4	18.9	6.1	25.2	
32	Region 34	13.7	10.6	18.3	10.8	9.7	12.9	21.1	17.2	24.3	30.7	26.3	34.9	23.7	21.6	26.0	76.3	74.0	78.4	32.2	24.3	38.5	21.8	11.8	31.4	
11	Region 35	11.8	9.1	14.5	10.6	9.6	11.7	21.7	17.6	24.3	32.2	29.1	36.4	23.6	21.4	29.6	76.4	70.4	78.6	26.2	3.0	32.7	16.1	-7.7	21.9	
22	Region 36	12.6	10.7	14.1	10.5	9.4	11.3	22.5	19.6	23.9	30.7	28.1	33.9	23.7	19.5	25.6	76.3	74.4	80.5	28.5	25.2	34.1	18.5	12.2	24.4	
404	Ave. white	13.2	7.6	18.3	10.9	8.6	13.4	21.4	17.0	25.7	30.5	20.1	40.4	24.0	19.5	32.3	76.0	67.7	80.5	30.2	3.0	40.1	20.3	-7.7	36.6	
	Min. white																									
	Max. white																									