

TABLE 16: ROFF MILLING AND WHITENESS INDEX OF WHITE MAIZE (2012/2013)

Number of samples	Region	Roff Milling												Whiteness index												
		Break 1, %			Break 2, %			Break 3, %			Grits, %			Bran/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.	
4	Region 11	13.7	13.3	14.1	13.6	13.2	14.2	28.9	28.4	29.2	24.7	23.6	25.1	19.1	18.9	19.5	80.9	80.5	81.1	22.9	16.2	28.0	11.7	3.9	15.9	
8	Region 12	11.3	9.9	13.3	12.2	10.8	13.5	29.5	28.0	30.6	27.9	26.4	29.2	19.1	16.7	20.8	80.9	79.2	83.3	21.9	11.7	28.1	14.8	5.9	19.7	
12	Region 13	11.6	9.8	13.1	11.7	9.4	12.8	29.9	28.6	31.1	26.9	25.0	29.8	19.9	16.4	21.5	80.1	78.5	83.6	27.4	21.8	38.5	19.1	14.5	38.9	
16	Region 14	11.9	8.6	13.3	12.3	11.5	12.9	29.0	26.7	31.2	26.5	24.5	30.0	20.3	17.4	23.5	79.7	76.5	82.6	24.4	16.7	30.4	16.9	7.0	22.6	
10	Region 15	12.5	11.5	13.2	12.3	11.6	14.3	29.6	28.8	31.5	26.5	25.8	27.7	19.0	17.1	21.0	81.0	79.0	82.9	22.2	19.8	25.0	14.2	10.6	16.0	
17	Region 16	11.3	9.8	12.9	11.6	11.0	12.4	29.4	28.5	30.2	27.3	25.3	29.2	20.4	18.8	21.2	79.6	78.8	81.2	21.6	18.1	26.6	14.2	11.5	16.9	
11	Region 17	12.4	10.6	13.8	12.4	10.5	14.7	28.7	27.3	30.3	25.7	23.8	27.3	20.8	18.8	23.0	79.2	77.0	81.2	27.6	20.0	40.0	17.4	7.8	27.2	
13	Region 18	12.5	9.2	14.8	13.6	11.7	21.8	27.8	23.7	29.2	25.3	21.9	30.0	20.8	19.0	22.1	79.2	77.9	81.0	24.8	16.7	30.7	16.3	10.1	20.8	
12	Region 19	11.8	10.1	13.1	11.9	10.1	12.9	29.1	28.4	30.4	26.2	24.2	28.4	21.0	18.3	23.0	79.0	77.0	81.7	21.9	16.1	27.2	14.2	5.8	19.8	
10	Region 20	13.4	11.7	16.9	12.9	12.5	13.6	27.7	25.9	29.4	24.7	21.3	26.8	21.3	19.7	22.9	78.7	77.1	80.3	25.3	20.2	30.4	16.7	11.4	23.0	
35	Region 21	13.0	9.8	15.2	13.0	11.6	14.7	28.4	26.1	29.5	25.3	23.0	29.5	20.3	18.7	25.4	79.7	74.6	81.3	26.1	20.4	32.9	16.3	13.0	21.4	
33	Region 22	13.2	11.2	14.4	12.7	11.7	13.7	28.5	27.3	30.3	25.6	23.9	28.6	20.0	18.5	21.9	80.0	78.1	81.5	25.7	20.9	29.9	16.0	10.9	21.4	
55	Region 23	12.7	9.5	14.4	13.2	10.9	15.8	29.1	27.3	31.8	25.8	23.5	28.7	19.2	16.9	22.1	80.8	77.9	83.1	24.2	17.2	30.7	15.9	9.4	21.5	
25	Region 24	12.7	11.7	13.4	12.7	11.8	14.6	28.0	26.5	29.5	26.0	24.5	27.8	20.6	18.2	22.8	79.4	77.2	81.8	27.6	20.5	32.1	19.0	13.9	22.4	
10	Region 25	14.6	12.7	16.4	13.4	12.0	15.1	27.1	25.6	28.8	23.3	21.0	25.7	21.6	16.5	25.0	78.4	75.0	83.5	25.5	5.9	32.5	15.0	-9.7	21.9	
18	Region 26	12.4	9.1	15.3	12.7	11.4	15.0	27.8	26.6	29.2	25.9	23.2	28.4	21.2	19.1	23.4	78.8	76.6	80.9	26.5	22.3	39.4	17.0	8.0	37.2	
5	Region 27	13.0	12.0	14.3	13.4	12.9	14.0	27.8	26.3	29.2	23.9	22.9	25.5	21.8	19.9	23.2	78.2	76.8	80.1	25.0	15.8	34.2	14.4	7.0	23.0	
14	Region 28	14.4	12.1	17.0	13.7	12.0	14.7	27.9	25.7	29.4	23.4	20.5	25.9	20.6	17.8	23.9	79.4	76.1	82.2	25.7	15.0	33.7	15.5	9.9	20.0	
17	Region 29	12.7	10.6	14.4	14.9	11.9	23.5	27.7	24.1	29.6	25.5	22.5	28.5	19.2	16.8	22.2	80.8	77.8	83.2	21.8	9.6	26.8	12.8	-1.7	17.6	
19	Region 30	13.5	11.4	14.9	12.9	11.9	14.9	27.3	26.0	29.0	24.4	21.9	27.0	21.8	19.1	23.6	78.2	76.4	80.9	24.1	20.8	27.4	15.1	12.6	18.8	
29	Region 31	13.6	11.0	16.4	14.0	11.6	24.8	27.0	23.2	29.5	23.4	20.9	26.6	21.9	17.6	28.2	78.1	71.8	82.4	25.0	16.4	30.9	15.6	2.9	22.9	
34	Region 32	13.7	11.8	15.8	12.9	11.6	15.7	27.0	24.5	29.4	24.3	21.2	26.7	22.0	17.2	25.4	78.0	74.6	82.8	25.3	19.6	28.8	16.4	11.1	25.7	
34	Region 33	14.4	10.1	16.6	12.7	11.9	15.3	26.6	24.6	29.4	23.7	21.6	27.4	22.6	20.0	26.3	77.4	73.8	80.0	26.7	19.6	33.0	16.6	9.3	22.3	
41	Region 34	14.7	9.9	17.7	14.4	12.2	16.0	27.1	24.0	29.3	23.2	19.0	27.5	20.5	15.7	24.7	79.5	75.3	84.3	24.9	16.8	31.4	14.9	8.4	25.7	
7	Region 35	13.2	11.4	14.9	14.8	12.9	22.6	27.1	24.6	30.0	24.2	22.9	26.2	20.7	17.2	23.8	79.3	76.2	82.8	26.8	20.2	33.1	17.9	12.3	21.8	
19	Region 36	13.1	10.8	16.2	12.8	12.4	13.3	26.9	24.6	28.9	24.8	20.5	27.7	22.4	17.5	25.8	77.6	74.2	82.5	25.7	19.9	34.8	15.3	10.1	23.0	
508	Ave. white	13.1			13.1	9.4	24.8	28.0	23.2	31.8	25.0	19.0	30.0	20.8	15.7	28.2	79.2	71.8	84.3	25.1	5.9	40.0	15.9	-9.7	38.9	
	Min. white	8.6																								
	Max. white	17.7																								