

TABLE 12: PHYSICAL QUALITY FACTORS OF WHITE MAIZE (2015/2016)

Number of samples	Region	Test weight (kg/hl)			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			Milling index						
		ave.	min.	max.	ave.	min.	max.	Above 10 mm sieve		Below 8 mm sieve		< 6.35 mm sieve		< 4.75 mm sieve		ave.	min.	max.	ave.	min.	max.								
								ave.	min.	max.	ave.	min.	max.	ave.	min.							max.							
WHITE																													
2	Region 11	79.7	79.2	80.2	34.5	32.3	36.7	5.9	5.7	6.1	71.5	67.9	75.1	22.6	19.2	26.0	1.3	0.8	1.8	0.5	0.3	0.6	13	7	18	106.5	100.6	112.3	
11	Region 12	78.6	75.6	81.0	32.6	21.9	37.2	20.6	0.8	99.4	60.7	0.1	72.3	18.7	0.5	56.0	1.1	0.4	1.7	0.5	0.1	1.4	4	2	7	103.2	94.6	109.6	
26	Region 13	77.8	74.3	81.3	31.4	25.6	36.7	14.1	5.7	23.0	65.9	53.4	79.3	20.0	11.2	38.8	1.4	0.2	4.8	0.5	0.0	2.9	3	0	6	100.9	85.5	114.1	
21	Region 14	79.4	77.9	81.3	33.2	27.8	36.8	22.3	10.7	28.9	64.8	57.8	71.3	12.9	7.7	21.0	0.6	0.1	1.4	0.2	0.0	0.7	4	0	10	105.0	94.7	111.6	
18	Region 17	79.1	72.6	81.1	32.1	27.0	35.9	20.3	7.1	99.0	62.9	0.2	71.9	16.8	0.8	35.5	0.8	0.0	1.6	0.3	0.0	0.7	3	2	9	102.3	80.0	110.6	
9	Region 18	78.0	75.6	80.0	32.3	30.1	34.9	11.3	2.5	19.4	67.7	53.6	73.9	21.1	14.3	43.9	1.1	0.2	2.2	0.5	0.1	1.5	3	2	8	101.2	95.5	109.9	
22	Region 19	77.8	68.6	80.8	31.7	22.8	37.6	16.4	5.0	42.1	62.2	41.4	73.8	21.4	1.9	53.5	1.0	0.3	1.9	0.4	0.0	0.9	4	0	11	102.4	88.6	116.3	
21	Region 20	78.1	75.9	81.2	32.7	28.3	39.9	17.6	2.3	40.1	68.0	56.9	89.5	14.4	0.0	27.5	1.2	0.2	4.2	0.4	0.0	1.3	4	1	10	96.0	79.0	109.1	
6	Region 21	80.5	79.8	80.9	31.6	29.8	35.7	17.9	9.3	30.9	65.2	62.2	68.6	16.9	6.8	23.1	1.1	0.3	2.4	0.7	0.2	1.2	11	1	30	112.6	108.9	117.0	
12	Region 22	78.9	76.1	80.2	31.6	29.2	33.8	21.0	10.7	33.9	65.9	59.8	72.8	13.1	6.3	21.6	1.2	0.3	2.7	0.3	0.0	1.0	7	0	15	104.4	93.2	111.3	
5	Region 23	79.1	77.0	81.2	31.4	28.6	33.3	20.6	10.1	26.4	70.6	64.8	83.7	8.8	5.6	17.1	1.1	0.6	1.7	0.8	0.5	1.3	7	4	18	104.0	93.9	111.2	
10	Region 24	79.9	78.6	81.9	30.8	26.2	35.2	19.0	11.3	28.3	68.8	63.1	76.4	12.2	8.2	16.1	0.7	0.3	1.6	0.3	0.0	1.1	9	1	25	106.0	97.9	111.2	
5	Region 25	76.9	72.9	79.9	32.9	28.7	38.6	16.8	12.1	23.5	71.3	66.8	77.3	11.9	8.1	21.1	0.8	0.2	1.2	0.2	0.0	0.4	5	2	9	86.2	74.2	99.9	
15	Region 26	76.1	69.9	80.5	32.1	24.8	38.3	17.6	3.2	42.8	65.1	52.7	74.9	17.3	2.8	43.4	0.9	0.2	1.9	0.3	0.0	0.6	6	1	21	90.5	66.6	106.8	
3	Region 27	79.1	76.8	81.9	33.6	28.9	36.4	10.9	7.1	14.7	73.2	70.9	76.1	16.0	12.8	22.0	1.4	0.6	2.0	0.4	0.2	0.8	3	1	5	97.8	86.0	114.0	
15	Region 28	79.2	76.7	81.0	32.5	24.3	38.0	18.7	0.3	31.1	66.2	50.6	78.9	15.1	8.0	49.1	0.7	0.1	2.4	0.3	0.0	1.1	7	1	17	100.1	95.3	110.5	
16	Region 29	80.1	77.4	83.9	34.5	30.2	38.5	19.1	5.6	41.7	69.4	53.0	76.6	11.5	4.0	20.3	0.4	0.0	0.7	0.2	0.0	0.6	3	0	9	103.9	87.8	120.1	
31	Region 30	78.3	71.7	81.1	31.9	25.5	39.6	11.6	2.2	38.0	67.2	55.0	78.8	21.1	6.7	39.9	0.6	0.0	1.6	0.3	0.0	0.8	4	0	15	96.7	84.7	108.5	
15	Region 31	75.5	68.5	79.1	30.9	20.8	39.6	11.0	0.8	28.6	65.4	35.4	79.5	23.6	4.1	63.8	1.2	0.1	3.2	0.8	0.0	2.7	4	1	9	92.6	82.9	105.0	
28	Region 32	78.3	75.7	81.8	33.9	28.2	40.8	12.6	1.8	32.4	69.7	56.6	79.5	17.7	4.2	33.3	0.8	0.0	3.6	0.4	0.0	2.1	2	0	8	94.9	72.6	109.1	
35	Region 33	77.2	72.2	81.1	30.4	21.9	35.3	12.4	3.0	24.3	65.6	53.8	72.6	22.0	8.1	38.9	1.1	0.1	4.2	0.7	0.0	2.8	7	0	23	95.4	80.1	106.5	
30	Region 34	78.4	71.1	81.2	33.1	26.5	40.5	14.6	0.4	36.8	67.1	45.2	80.9	18.3	4.9	54.4	0.6	0.1	2.2	0.3	0.0	0.8	5	0	13	98.3	85.4	109.6	
27	Region 35	78.0	73.6	81.2	33.0	24.4	37.2	9.9	2.9	34.2	67.9	52.8	78.5	22.2	3.8	43.0	1.7	0.7	7.2	1.1	0.0	4.3	6	0	19	97.0	75.9	107.1	
32	Region 36	76.9	72.2	78.9	34.3	28.4	39.7	12.3	2.5	23.6	69.0	59.9	80.3	18.7	6.9	31.5	0.7	0.2	3.6	0.3	0.0	1.5	5	0	11	99.6	90.7	106.1	
415	Ave. white	78.1	68.5	83.9	32.4	20.8	40.8	15.2	0.3	99.4	66.7	0.1	89.5	18.2	0.0	63.8	0.9	0.0	7.2	0.4	0.0	4.3	5	0	30	99.0	66.6	120.1	
	Min. white																												
	Max. white																												