

TABLE 18: PHYSICAL QUALITY FACTORS OF MAIZE IN TOTAL FOR 2007/2008

Number of samples	Region	Hectolitre mass			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			Milling index						
		kg/hl		ave.	kernel mass (g)		ave.	Above 10 mm sieve		Above 8 mm sieve		Below 8 mm sieve		< 6.3 mm sieve		< 4.75 mm sieve		ave.		ave.		ave.		ave.					
		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.				
WHITE AND YELLOW																													
25	Region 10	76.8	74.4	78.3	34.6	29.1	37.0	5.0	2.4	7.5	70.3	56.3	77.6	24.7	18.5	41.3	1.4	0.4	2.5	1.0	0.3	1.7	4	0	12	91.5	76.6	103.7	
15	Region 11	77.5	75.5	79.3	32.7	29.2	36.6	4.6	1.2	9.1	68.0	56.5	75.3	27.4	15.6	38.5	1.9	1.2	2.7	1.4	0.6	2.3	5	0	11	84.5	76.6	100.9	
11	Region 12	77.3	70.8	79.0	35.3	30.0	42.9	17.5	5.9	30.5	69.0	61.8	76.7	13.5	6.9	24.1	1.7	0.4	2.8	1.2	0.4	1.8	6	1	23	102.3	90.5	109.0	
12	Region 13	76.7	72.6	79.6	32.4	30.2	37.9	21.8	8.4	36.5	64.9	54.0	71.6	13.3	6.9	20.1	2.4	0.5	9.7	1.5	0.2	7.3	3	0	8	102.0	85.3	111.1	
30	Region 14	78.2	65.3	81.6	32.9	17.0	38.3	23.8	1.0	46.7	63.8	34.8	71.7	12.4	2.1	64.2	1.3	0.2	4.8	0.9	0.1	3.3	3	0	8	101.3	63.5	113.4	
2	Region 15	80.0	79.8	80.1	32.9	32.8	32.9	27.0	25.4	28.6	62.7	60.3	65.1	10.3	9.5	11.1	0.8	0.8	0.8	0.6	0.6	0.6	1	0	2	101.0	99.0	102.9	
26	Region 16	78.0	74.8	79.9	34.0	25.4	39.3	25.1	14.9	40.0	65.1	55.2	76.2	9.9	4.7	15.1	1.1	0.1	2.1	0.8	0.1	1.8	4	0	13	99.2	87.5	108.0	
27	Region 17	77.8	75.0	79.4	33.9	29.9	38.3	23.0	8.0	35.4	65.1	55.0	73.6	11.9	5.2	20.2	1.2	0.3	2.8	0.9	0.3	2.0	3	0	9	100.4	89.2	111.9	
26	Region 18	78.3	77.0	79.3	34.6	26.9	38.6	22.4	5.0	40.3	63.8	53.4	72.1	13.7	6.3	38.6	1.1	0.5	2.3	0.8	0.4	1.4	3	0	8	97.0	91.1	106.5	
17	Region 19	77.2	70.9	79.6	33.2	28.3	39.9	21.5	10.9	37.7	66.3	58.1	73.6	12.2	3.9	24.0	1.6	0.5	4.1	1.2	0.4	2.9	4	1	9	101.9	93.1	111.1	
21	Region 20	77.3	74.4	79.8	34.0	30.1	37.7	21.3	5.6	43.1	64.5	53.0	72.9	14.1	3.9	29.0	1.7	0.3	3.4	1.2	0.3	2.8	3	0	13	94.1	69.7	105.5	
21	Region 21	78.3	75.7	79.8	33.2	24.7	36.9	22.3	5.6	32.2	64.3	59.2	73.7	13.4	7.5	28.8	1.1	0.5	2.1	0.8	0.3	1.7	3	0	10	96.4	82.5	109.5	
18	Region 22	78.1	74.4	79.6	33.7	28.6	36.7	26.5	11.9	37.3	62.9	55.5	70.2	10.7	6.9	19.4	1.3	0.6	3.0	1.0	0.4	2.6	2	0	6	93.0	82.9	102.5	
55	Region 23	78.7	75.7	81.2	34.0	29.2	36.6	24.9	7.8	40.3	64.2	52.7	76.0	10.9	3.9	23.3	1.0	0.1	3.1	0.8	0.1	2.3	3	0	16	97.6	80.2	109.3	
52	Region 24	78.8	76.5	80.6	34.1	28.2	38.1	26.0	4.8	48.3	64.0	48.1	74.0	10.0	3.6	22.9	1.2	0.5	5.7	0.9	0.3	4.4	4	0	29	96.0	80.9	111.3	
64	Region 25	75.8	69.3	80.2	31.2	26.0	37.3	12.6	0.3	40.6	64.6	39.6	75.9	22.7	6.9	60.1	2.9	0.4	11.1	2.0	0.4	7.9	10	0	44	89.8	68.7	114.6	
38	Region 26	77.3	70.2	80.1	31.8	24.7	35.2	15.5	0.5	26.6	65.5	23.3	84.2	19.0	6.1	76.2	1.4	0.3	3.0	1.0	0.2	2.2	3	0	13	99.1	86.0	110.3	
3	Region 27	76.5	75.0	77.4	33.9	31.8	37.3	14.1	5.6	21.4	70.2	64.6	74.6	15.7	10.2	23.0	5.0	0.4	8.0	2.8	0.2	4.5	30	13	43	95.5	86.9	100.1	
21	Region 28	77.0	74.5	79.0	32.4	27.7	37.1	19.3	3.7	31.9	65.4	56.9	76.5	15.3	7.2	36.3	1.4	0.3	2.7	1.0	0.0	2.2	3	0	12	95.3	78.4	103.7	
89	Region 29	77.7	71.1	80.8	33.3	24.4	44.7	21.5	3.7	69.7	64.3	28.9	75.8	14.2	1.4	32.6	1.4	0.1	10.2	1.0	0.0	6.6	4	0	38	97.9	67.0	115.4	
112	Region 30	77.4	74.0	80.6	32.8	25.7	39.2	16.8	2.4	35.2	65.9	44.8	79.3	17.3	5.7	47.6	1.4	0.3	3.5	0.9	0.2	2.0	3	0	13	96.0	81.1	111.7	
20	Region 31	76.5	71.7	78.8	32.6	25.6	38.6	18.8	4.7	40.4	64.4	54.8	72.2	16.9	4.8	35.0	2.2	0.6	4.5	1.4	0.5	2.5	5	1	19	97.4	80.3	110.8	
43	Region 32	77.8	74.8	80.7	35.8	30.6	41.2	26.6	9.4	47.9	63.4	49.0	74.3	10.0	2.9	26.0	1.7	0.2	3.7	1.4	0.2	3.0	5	0	13	103.5	88.6	118.5	
58	Region 33	76.1	70.9	78.9	34.1	26.0	41.2	21.4	5.1	50.9	64.7	45.6	75.0	14.0	2.8	33.2	2.4	0.6	15.2	1.6	0.3	8.3	6	0	58	97.3	78.0	113.6	
43	Region 34	78.0	74.4	80.3	36.1	26.7	45.6	26.4	6.2	57.1	63.2	41.3	76.9	10.4	1.6	29.4	1.5	0.2	3.4	1.1	0.1	2.5	5	0	13	100.7	83.2	118.3	
27	Region 35	77.8	72.6	81.6	33.7	26.1	43.7	15.3	0.4	55.6	63.8	43.4	78.6	20.9	1.0	46.2	1.2	0.2	4.2	0.9	0.0	3.6	3	0	10	93.3	63.6	117.4	
24	Region 36	77.3	75.4	79.9	34.6	28.8	40.2	19.2	0.5	44.2	64.0	48.1	71.0	16.8	1.5	51.4	0.9	0.3	1.7	0.6	0.2	1.5	6	0	20	95.0	79.3	106.1	
900	Ave w & y	77.5	65.3	81.6	33.5	17.0	45.6	20.2	0.3	69.7	64.8	23.3	84.2	15.0	1.0	76.2	1.5	0.1	15.2	1.1	0.0	8.3	4	0	58	96.9	63.5	118.5	
	Min white & yellow																												
	Max white & yellow																												