

TABLE 18: PHYSICAL QUALITY FACTORS OF MAIZE IN TOTAL FOR 2006/2007

Number of samples	Region	Hectolitre mass kg/ht			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			Milling index						
		ave.	min.	max.	ave.	min.	max.	Above 10 mm sieve	Above 8mm sieve	Below 8 mm sieve	< 6.3mm sieve			< 4.75mm sieve			ave.	min.	max.	ave.	min.	max.							
WHITE AND YELLOW																													
1	Region 8	80.1	80.1	80.1	32.6	32.6	32.6	15.0	15.0	15.0	52.6	52.6	52.6	32.4	32.4	32.4	0.3	0.3	0.3	0.3	0.3	0.3	2	2	2	111.1	111.1	111.1	
12	Region 10	78.5	76.5	80.6	34.1	31.6	38.6	6.4	2.4	10.2	66.8	47.0	74.2	26.9	15.9	50.6	1.0	0.4	1.6	0.8	0.4	1.3	5	1	7	94.9	88.8	105.7	
34	Region 11	79.5	77.2	82.8	33.6	29.8	38.3	7.4	0.4	21.5	65.9	51.4	74.6	26.7	16.4	41.9	1.3	0.2	2.5	0.9	0.2	1.8	4	0	9	96.0	78.3	111.5	
24	Region 12	77.7	72.7	82.5	30.1	21.1	35.2	15.2	0.7	33.6	65.4	51.7	74.9	19.5	8.5	41.7	2.5	1.0	5.4	1.8	0.5	3.2	4	1	15	102.7	90.6	112.0	
21	Region 13	77.0	72.0	79.9	27.1	19.4	35.2	10.2	1.4	26.4	64.6	41.3	73.8	25.3	4.9	57.3	2.3	0.8	5.4	1.4	0.4	2.7	3	0	5	103.4	77.6	122.9	
59	Region 14	78.3	70.8	81.9	29.4	25.3	36.0	14.8	1.8	30.5	64.9	53.5	73.1	20.3	6.4	41.3	1.9	0.5	12.1	1.4	0.3	11.5	4	0	14	104.5	85.8	116.8	
44	Region 15	79.3	73.0	81.6	32.1	27.1	37.1	18.2	1.3	37.0	65.0	53.6	71.3	16.8	3.4	38.2	1.4	0.4	5.0	1.0	0.2	4.0	4	0	14	103.6	81.4	112.9	
21	Region 16	75.4	68.6	80.7	28.4	20.9	38.2	13.9	1.6	37.7	64.6	55.9	72.7	21.5	6.4	36.8	2.5	0.3	5.3	1.6	0.3	3.7	5	0	16	98.2	73.7	116.2	
31	Region 17	77.0	71.2	81.0	27.7	19.8	32.7	10.5	3.7	22.7	62.9	43.5	77.6	26.5	7.5	52.4	2.2	0.8	4.8	1.5	0.5	2.8	3	0	6	101.7	87.4	118.2	
28	Region 18	77.4	75.0	79.6	28.0	22.8	32.3	13.3	1.7	25.0	61.5	51.2	68.2	25.3	8.9	47.1	1.2	0.2	2.8	0.7	0.0	1.9	2	0	7	96.4	87.3	107.7	
28	Region 19	76.1	71.1	79.6	27.2	16.6	36.3	13.8	0.8	39.3	59.0	22.1	72.8	27.2	8.3	77.1	2.4	0.3	6.1	1.6	0.1	3.5	2	0	11	99.3	84.8	107.6	
17	Region 20	76.7	72.3	79.7	28.7	20.2	36.1	14.1	3.0	40.9	61.8	44.1	72.9	24.1	5.1	51.6	1.7	0.4	5.5	1.1	0.4	3.7	3	0	16	96.3	86.1	109.0	
30	Region 21	76.4	72.1	79.6	27.3	20.5	34.7	11.5	0.2	30.5	61.8	45.7	74.3	26.7	7.3	53.2	1.6	0.4	4.9	1.0	0.2	3.0	3	0	7	93.6	71.2	108.0	
38	Region 22	78.2	74.7	79.8	31.3	25.8	34.8	20.1	3.8	34.0	63.4	49.7	76.0	16.5	3.6	46.5	1.2	0.1	3.2	0.8	0.1	2.3	2	0	8	95.6	88.1	102.0	
110	Region 23	78.7	73.4	81.1	31.6	20.5	38.5	21.5	1.2	42.9	62.4	16.7	76.2	16.2	4.5	81.6	1.4	0.2	4.6	1.0	0.2	3.0	3	0	24	99.3	83.1	114.9	
50	Region 24	77.8	74.1	81.7	28.3	22.6	36.2	12.0	0.4	25.2	65.1	51.5	79.5	22.9	1.5	44.5	1.4	0.1	3.9	0.9	0.0	2.3	4	0	27	96.9	79.4	114.7	
36	Region 25	77.5	74.1	82.5	26.6	22.0	31.4	6.9	0.8	14.9	63.1	51.7	73.7	30.1	15.8	45.1	1.9	0.3	3.9	1.1	0.3	2.0	3	0	13	98.3	82.3	123.6	
19	Region 26	77.5	68.1	80.6	27.0	24.4	30.0	8.1	2.5	22.5	61.9	50.0	71.1	30.0	13.4	46.0	2.2	0.4	9.1	1.5	0.1	6.9	3	0	11	102.4	81.3	118.7	
12	Region 27	77.1	75.4	78.5	26.0	24.6	28.2	7.3	3.4	11.1	62.1	53.3	69.2	30.7	25.0	43.3	1.0	0.6	1.5	0.6	0.2	1.2	3	0	7	102.4	94.8	109.2	
41	Region 28	77.7	74.7	81.0	27.9	20.3	36.8	10.6	2.2	26.2	65.6	43.4	78.2	23.8	9.2	53.8	1.5	0.2	6.5	0.9	0.2	3.3	4	0	16	100.1	86.7	117.8	
33	Region 29	77.7	74.4	81.0	27.1	19.1	34.7	13.5	1.5	26.2	61.6	40.3	69.1	24.9	8.0	58.1	1.4	0.1	4.5	0.8	0.1	2.8	2	0	9	94.5	81.7	107.9	
47	Region 30	76.1	70.5	79.4	26.7	19.9	35.1	11.1	0.3	39.1	60.8	34.1	74.5	28.0	5.4	64.4	2.1	0.3	5.6	1.2	0.2	3.3	5	0	21	96.9	70.9	111.7	
21	Region 31	76.4	73.5	81.1	26.8	20.4	37.8	16.3	2.2	37.2	59.5	50.6	67.2	24.2	5.9	44.2	1.7	0.0	3.6	1.0	0.0	1.7	2	0	4	94.4	85.6	104.5	
37	Region 32	76.2	71.2	79.8	27.3	18.6	36.7	13.3	1.9	32.0	61.6	44.9	74.3	25.1	10.9	53.2	1.4	0.5	3.5	0.7	0.1	1.4	2	0	6	90.4	75.5	104.5	
40	Region 33	75.2	69.5	79.0	27.1	19.7	39.7	12.0	0.7	33.3	60.1	38.7	76.0	27.9	6.9	59.0	2.6	0.0	10.9	1.7	0.0	6.0	7	0	24	95.6	77.7	115.0	
36	Region 34	75.9	72.3	79.0	26.5	18.5	33.7	14.0	1.4	31.9	60.0	27.7	74.2	26.0	10.4	69.1	1.6	0.2	4.5	0.9	0.1	2.7	4	0	11	92.8	81.5	108.3	
19	Region 35	78.5	75.0	81.9	31.3	17.6	40.1	16.0	0.0	51.7	58.4	17.1	77.0	25.6	0.8	82.9	2.1	0.3	3.6	1.6	0.0	3.0	5	1	12	104.4	76.2	123.8	
11	Region 36	77.9	76.3	79.0	29.9	25.9	32.9	15.9	8.8	35.6	59.7	51.3	67.5	24.4	13.1	32.0	1.2	0.4	2.2	0.7	0.1	1.8	5	0	15	100.3	94.0	104.9	
900	Ave w & y	77.5	68.1	82.8	28.9	16.6	40.1	13.9	0.0	51.7	62.7	16.7	79.5	23.4	0.8	82.9	1.7	0.0	12.1	1.1	0.0	11.5	3	0	27	98.3	70.9	123.8	
	Min white & yellow																												
	Max white & yellow																												