

TABLE 11: PHYSICAL QUALITY FACTORS OF WHITE MAIZE (2013/2014)

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 8 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.	ave.							min.	max.			
WHITE																												
8	Region 12	78.0	75.8	78.8	34.2	29.2	37.2	24.2	16.5	34.7	65.4	57.5	71.2	10.5	5.8	14.7	1.4	0.5	2.5	1.0	0.4	1.6	10	3	20	97.3	85.6	105.5
5	Region 13	77.0	76.3	78.2	32.5	29.3	35.0	28.0	22.6	34.3	62.8	58.8	67.0	9.2	6.9	11.8	0.9	0.7	1.1	0.7	0.5	1.0	7	0	21	88.0	83.7	93.7
29	Region 14	78.0	71.8	79.9	33.4	30.2	38.1	27.0	15.1	67.1	64.2	30.4	71.6	8.8	2.5	13.3	1.5	0.3	5.9	1.1	0.3	3.8	8	0	30	96.7	87.2	111.1
4	Region 15	79.2	78.5	79.6	32.4	28.3	35.3	22.8	18.8	26.8	65.9	62.2	68.5	11.3	7.4	19.0	1.5	0.4	2.9	1.2	0.4	2.1	1	0	3	100.9	99.2	102.9
11	Region 16	77.9	75.1	80.6	33.7	32.0	36.6	26.0	8.1	43.7	63.0	51.8	69.2	11.0	4.3	22.7	1.1	0.2	2.8	0.7	0.1	1.9	7	1	24	96.7	90.1	101.9
9	Region 17	77.2	75.4	78.6	32.5	28.0	34.6	26.5	18.5	35.9	64.7	57.0	72.7	8.8	7.1	9.4	1.1	0.5	1.8	0.9	0.5	1.5	6	3	12	88.0	78.6	94.8
8	Region 18	75.7	73.9	77.6	31.4	26.0	34.0	20.5	8.3	34.1	67.1	55.7	81.1	12.5	7.6	23.4	1.6	0.1	7.2	1.1	0.1	4.0	6	0	24	89.8	82.8	101.6
7	Region 19	76.3	75.4	76.9	33.9	31.3	41.8	30.9	18.6	71.3	60.5	23.4	73.5	8.6	5.3	12.3	1.1	0.6	1.5	0.8	0.5	1.0	10	1	22	86.8	73.7	95.1
8	Region 20	77.8	76.6	79.2	35.0	30.7	40.9	20.2	3.1	26.2	68.3	63.9	73.2	11.6	4.2	26.1	1.5	0.5	2.8	1.2	0.5	1.8	8	4	13	91.9	80.9	99.5
44	Region 21	78.0	74.8	79.9	33.4	27.9	36.5	22.6	4.9	42.9	66.4	52.6	74.8	10.9	2.3	27.5	1.1	0.3	3.0	0.9	0.3	2.3	4	0	16	96.5	83.4	102.8
29	Region 22	78.5	74.1	80.4	33.2	30.3	36.0	27.0	3.3	41.6	63.8	53.5	74.5	9.2	4.4	35.4	1.0	0.2	2.9	0.8	0.2	2.5	4	0	30	98.6	94.1	106.3
15	Region 23	80.1	78.2	81.9	33.5	31.2	36.5	26.3	18.7	34.4	66.1	59.6	76.0	7.6	4.2	10.8	0.9	0.2	2.0	0.8	0.2	1.9	4	0	11	102.5	90.7	109.0
44	Region 24	78.0	75.1	81.1	34.3	27.9	38.7	25.1	8.3	44.2	66.3	51.2	82.7	8.6	1.1	20.8	1.0	0.2	2.0	0.7	0.2	1.6	5	0	16	95.5	79.6	107.5
8	Region 25	76.1	73.3	77.3	32.1	28.8	35.8	19.5	13.1	29.9	69.0	64.2	71.9	11.5	5.4	16.4	1.7	0.3	4.9	1.2	0.2	2.7	10	1	25	76.6	60.8	95.6
4	Region 26	76.2	74.9	78.3	32.1	30.5	34.0	11.2	4.9	19.2	68.3	59.7	73.9	20.6	9.4	35.4	1.6	0.5	2.8	1.4	0.5	2.6	4	3	5	80.3	63.3	98.4
10	Region 27	77.0	74.9	80.3	33.9	29.0	35.5	15.0	1.6	23.6	69.6	65.4	78.5	15.3	5.6	32.5	2.6	1.4	5.1	2.0	1.0	4.2	9	2	26	89.0	73.5	99.1
14	Region 28	77.5	73.0	80.2	34.7	31.8	43.1	24.5	9.3	36.5	64.7	57.0	72.3	10.8	2.5	22.2	1.5	0.2	4.0	1.2	0.1	3.6	6	0	17	92.4	80.4	103.7
35	Region 29	78.3	70.3	81.0	34.0	27.8	38.5	22.5	1.7	38.8	66.1	55.0	75.0	11.3	3.9	37.0	1.3	0.3	3.9	1.0	0.3	2.5	8	0	32	92.8	70.4	102.0
22	Region 30	78.0	75.9	79.9	33.8	26.7	39.4	23.8	6.5	46.4	63.4	49.5	76.0	12.8	4.0	30.0	0.7	0.0	2.5	0.5	0.0	1.3	6	1	17	90.9	79.6	99.6
21	Region 31	76.0	70.9	80.5	36.7	29.9	46.3	35.9	2.9	57.9	55.3	38.5	79.1	8.8	2.3	29.1	1.1	0.1	3.6	0.8	0.1	2.3	10	0	33	89.6	66.6	107.6
28	Region 32	77.7	73.1	79.9	34.5	29.4	39.5	19.7	0.7	53.1	64.9	41.0	78.6	15.4	5.2	37.7	1.6	0.5	5.4	1.3	0.5	3.9	7	1	26	90.1	63.1	103.6
22	Region 33	76.1	70.1	79.0	34.3	26.5	46.5	27.8	14.7	43.5	61.6	50.6	69.2	10.6	2.3	21.3	1.0	0.3	2.4	0.8	0.1	1.8	9	1	37	82.7	62.5	99.1
39	Region 34	76.8	68.7	79.8	34.5	27.8	41.9	26.7	6.6	52.3	64.5	44.9	76.9	8.9	2.8	20.8	1.7	0.3	4.5	1.3	0.3	2.7	9	0	28	92.3	75.9	107.7
7	Region 35	78.6	77.0	80.1	34.4	29.3	37.7	27.1	13.6	46.3	62.7	48.7	73.1	10.2	3.4	15.1	1.7	0.6	3.0	1.4	0.5	2.4	3	0	5	97.3	90.1	107.7
20	Region 36	76.1	70.3	78.7	34.6	28.2	39.9	21.6	10.5	56.4	67.5	38.3	74.0	10.9	5.3	16.9	1.2	0.1	3.1	0.9	0.1	2.3	6	0	16	93.8	77.5	103.3
451	Ave. white	77.6			34.0			24.7			64.7			10.6			1.3			1.0			7			93.0		
	Min. white	68.7			26.0			0.7			23.4			1.1			0.0			0.0			0			60.8		
	Max. white	81.9			46.5			71.3			82.7			37.7			7.2			4.2			37			111.1		