

TABLE 15: PHYSICAL QUALITY FACTORS OF YELLOW MAIZE (2016/2017)

Number of samples	Region	Test weight (kg/ht)			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)			Stress cracks (%)			SAGL Milling index 2017			GYA					
		ave.	min.	max.	ave.	min.	max.	Above 10 mm sieve		Above 8 mm sieve		Below 8 mm sieve		< 4,75 mm sieve			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.			
								ave.	min.	max.	ave.	min.	max.	ave.	min.	max.										ave.	min.	max.
37	Region 10	79.6	77.5	80.9	36.5	30.2	42.2	5.2	0.0	14.2	65.3	30.8	80.8	29.5	8.9	69.2	0.8	0.2	2.4	0.6	0.0	2.2	77.5	63.6	90.9	64.2	60.8	67.4
4	Region 11	78.6	77.7	79.6	33.9	31.3	35.9	4.2	3.3	5.4	63.2	50.2	70.8	32.6	25.2	46.5	0.8	0.2	1.6	0.4	0.0	0.8	75.4	70.7	77.3	63.7	62.5	64.1
3	Region 12	78.1	75.8	79.8	30.1	28.6	33.0	10.1	4.1	15.1	70.4	67.7	74.1	19.5	14.8	28.2	1.8	1.3	2.3	1.3	1.0	1.8	88.9	86.6	93.0	66.9	66.4	67.9
6	Region 13	77.0	72.9	79.0	29.6	25.1	34.4	8.6	2.4	21.8	66.2	55.9	71.2	25.2	9.4	41.7	2.5	1.1	4.4	1.5	1.0	2.8	89.6	85.4	92.3	67.1	66.0	67.8
8	Region 14	77.6	76.4	79.4	32.1	29.3	38.6	10.0	4.2	35.9	65.9	57.7	69.4	24.1	6.4	29.3	1.0	0.2	1.9	0.7	0.1	1.3	84.2	80.1	93.3	65.8	64.8	68.0
4	Region 17	77.2	75.0	78.7	29.7	27.0	31.0	8.2	3.9	11.5	63.9	59.7	72.9	27.9	20.0	36.4	1.7	0.8	3.9	1.2	0.6	2.8	85.2	78.2	88.9	66.0	64.3	66.9
3	Region 18	77.7	77.0	78.9	29.6	29.3	29.8	5.8	4.9	6.8	69.8	67.7	72.9	24.4	22.2	25.6	1.7	1.4	1.8	1.2	1.2	1.3	85.2	83.5	88.5	66.0	65.6	66.8
6	Region 19	76.4	72.3	78.4	32.2	27.9	35.7	13.0	6.4	18.8	68.5	60.9	75.3	18.5	11.1	24.6	1.0	0.8	1.5	0.7	0.4	1.0	82.8	69.0	88.1	65.4	62.1	66.7
9	Region 20	76.8	74.9	79.1	31.8	29.0	35.7	12.2	5.3	26.4	65.1	61.3	73.8	22.7	11.4	32.9	1.6	0.9	2.8	1.2	0.7	2.2	80.0	69.3	86.9	64.8	62.2	66.4
11	Region 21	78.2	76.1	79.6	34.5	29.0	37.7	18.0	4.0	71.9	65.0	17.9	77.2	17.0	5.9	32.5	0.9	0.3	1.6	0.7	0.2	1.3	84.6	73.6	95.0	65.9	63.2	68.4
3	Region 22	77.0	74.8	78.1	32.6	27.0	39.2	11.1	3.3	25.8	61.9	56.5	64.8	27.0	9.9	40.2	1.6	1.2	1.8	1.0	0.6	1.6	83.6	80.0	88.3	65.6	64.8	66.8
4	Region 23	76.8	75.9	77.7	33.0	28.9	36.7	5.9	3.7	9.4	70.1	66.2	73.3	24.0	19.9	29.0	1.4	1.2	1.6	1.0	0.6	1.4	86.3	83.6	89.7	66.3	65.6	67.1
3	Region 24	77.5	76.3	78.3	26.2	25.3	27.6	5.0	3.6	5.9	62.2	57.0	67.6	32.8	26.8	39.4	1.1	0.5	1.4	0.8	0.1	1.2	88.5	79.9	95.5	66.8	64.7	68.5
26	Region 25	77.4	75.7	79.7	31.9	26.5	39.7	9.9	3.6	27.6	63.3	39.3	71.3	26.8	9.6	56.5	1.0	0.2	2.2	0.6	0.2	1.5	67.7	56.3	79.8	61.8	59.0	64.7
36	Region 26	75.8	70.1	78.9	31.4	26.4	37.5	10.6	2.4	54.6	64.2	40.0	73.0	25.2	5.4	46.2	1.8	0.2	5.1	1.2	0.0	3.1	71.3	36.9	90.2	62.6	54.2	67.3
33	Region 28	76.8	74.7	78.8	33.9	28.0	39.9	12.5	5.1	23.0	64.4	13.0	74.4	23.1	7.0	68.5	0.9	0.3	2.5	0.6	0.0	1.6	74.1	64.5	90.7	63.3	61.0	67.4
75	Region 29	76.7	69.1	80.7	35.1	28.1	43.3	13.7	2.5	50.9	66.8	31.0	90.9	19.5	6.2	60.8	1.0	0.1	5.3	0.7	0.0	5.3	77.7	60.1	97.7	64.2	59.9	69.0
35	Region 30	75.1	67.6	79.2	33.9	28.0	40.1	13.1	0.9	32.1	67.7	56.9	77.0	19.2	4.7	41.5	1.0	0.2	2.9	0.7	0.0	2.2	73.9	54.0	88.8	63.3	58.4	66.9
14	Region 31	77.0	74.8	79.1	33.4	31.4	38.2	15.2	10.3	28.9	67.7	61.0	77.0	17.1	10.1	25.6	0.6	0.3	1.0	0.4	0.1	0.8	75.0	66.9	82.4	63.5	61.6	65.3
26	Region 32	76.9	68.8	80.9	34.6	25.8	40.2	14.2	3.3	23.8	66.9	36.3	74.6	18.9	1.6	56.7	1.1	0.2	2.5	0.8	0.0	2.1	78.8	67.2	96.5	64.5	61.6	68.8
27	Region 33	76.0	71.4	78.9	32.7	18.4	39.4	11.2	0.6	23.7	69.0	42.3	86.8	19.7	6.9	56.7	1.5	0.2	8.6	1.0	0.0	3.7	75.4	56.5	89.3	63.6	59.1	66.9
40	Region 34	76.3	69.9	82.4	33.6	23.5	39.2	14.0	1.5	42.1	66.1	18.1	77.5	19.9	4.2	69.7	0.9	0.2	3.4	0.6	0.0	1.7	79.5	54.4	103.7	64.6	58.6	70.5
10	Region 35	76.7	73.3	78.7	30.8	22.3	35.7	8.8	1.3	17.4	63.9	52.4	74.2	27.3	15.3	46.3	1.0	0.2	4.3	0.7	0.2	3.2	77.6	66.9	102.0	64.2	61.6	70.1
28	Region 36	77.2	71.8	80.1	33.6	30.3	37.9	7.0	1.7	21.7	58.6	34.9	75.4	34.4	10.6	58.6	1.4	0.4	4.4	1.1	0.3	3.5	74.9	47.4	105.4	63.5	56.9	70.9
451	Ave. yellow	76.9			33.5			11.4	0.0	71.9	65.6		90.9	23.0	1.6	69.7	1.1	0.1	8.6	0.8	0.0	5.3	76.8			64.0		
	Min. yellow	67.6			18.4			0.0			13.0		9.9	1.6			0.1			0.0			36.9			54.2		
	Max. yellow	82.4			43.3			71.9			90.9		90.9	69.7			8.6			5.3			105.4			70.9		