

TABLE 21: PHYSICAL QUALITY CHARACTERISTICS OF YELLOW MAIZE ACCORDING TO REGION (2024/25)																															
Number of samples	Region	Test weight (kg/hi)			100 kernel mass (g)			Kernel size (%)						Breakage susceptibility (%)						Stress cracks (%)			SAGL Milling Index 2025			GYA					
		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.		
GRADE: YELLOW																															
2	Region 05	75.5	75.4	75.6	32.9	31.8	34.0	2.1	1.4	2.8	62.2	59.0	65.3	35.8	31.9	39.6	1.3	1.0	1.6	0.5	0.2	0.8	1	0	2	54	54	55	59	58	59
5	Region 06	75.0	72.3	77.7	36.2	34.2	41.2	7.1	1.0	25.2	62.9	58.0	67.1	30.0	7.7	40.6	0.7	0.2	1.1	0.3	0.2	0.6	2	2	3	76	65	83	64	61	66
31	Region 10	78.4	75.2	79.9	35.6	25.8	40.0	1.8	0.0	4.3	57.2	36.9	71.5	40.9	25.2	61.1	1.2	0.1	2.9	1.0	0.0	2.7	1	0	6	75	54	85	64	59	66
16	Region 11	77.8	76.5	78.6	34.5	28.1	38.1	1.6	0.2	4.1	55.3	33.8	66.5	43.1	32.4	65.9	1.5	0.5	2.7	1.2	0.3	2.0	3	0	8	73	59	77	63	60	64
2	Region 15	73.9	70.9	76.9	34.6	28.7	40.4	26.3	2.4	50.2	50.3	48.0	52.5	23.5	1.8	45.1	2.8	2.0	3.6	2.1	1.8	2.4	4	2	6	69	59	79	62	60	65
2	Region 16	76.2	76.1	76.2	36.4	32.7	40.1	6.2	4.3	8.1	74.7	73.2	76.2	19.1	18.7	19.5	2.7	1.8	3.5	2.1	1.4	2.7	5	5	5	73	69	76	63	62	64
14	Region 18	75.2	69.0	79.9	33.4	29.9	38.6	4.0	0.0	7.7	66.0	56.7	73.3	30.0	19.9	41.4	1.4	0.2	2.5	1.0	0.2	2.0	4	0	8	65	52	80	61	58	65
5	Region 21	75.3	74.3	76.5	30.3	28.1	33.0	11.3	6.5	17.3	66.1	61.4	74.2	22.5	14.2	32.1	1.0	0.7	1.3	0.7	0.2	1.2	6	1	17	74	70	77	63	62	64
5	Region 23	77.4	74.9	79.3	34.1	27.0	38.0	9.3	1.0	23.8	62.6	55.6	72.0	28.1	15.0	43.0	0.4	0.1	0.6	0.4	0.1	0.6	4	2	7	78	70	86	64	62	66
22	Region 24	75.7	72.8	80.3	32.8	27.8	40.0	12.7	2.1	56.0	64.5	39.0	74.8	22.8	5.0	38.5	0.7	0.2	1.7	0.6	0.1	1.7	4	1	13	66	47	86	61	57	66
34	Region 25	75.5	68.5	78.5	33.2	18.9	38.7	8.5	1.4	34.6	64.0	27.2	78.8	27.5	3.1	70.8	1.1	0.0	5.3	0.7	0.0	1.9	3	0	14	75	67	86	64	62	66
37	Region 26	75.3	68.2	78.3	33.3	26.8	39.8	13.2	1.2	45.4	64.8	42.7	74.9	22.0	6.0	56.1	0.6	0.0	2.0	0.5	0.0	1.6	4	0	12	75	32	97	64	53	69
21	Region 27	76.3	73.9	77.9	33.4	26.1	48.9	9.2	0.6	32.1	64.0	46.6	75.9	26.8	10.3	46.4	0.9	0.0	2.1	0.7	0.0	1.4	4	0	10	71	62	77	63	60	64
77	Region 28	75.2	70.8	77.7	33.4	27.6	43.2	12.3	0.0	39.6	64.7	43.8	76.7	23.0	3.3	55.4	1.1	0.0	7.1	0.8	0.0	4.5	5	0	17	72	51	85	63	58	66
36	Region 29	77.0	74.4	79.3	36.3	30.9	41.7	17.0	2.2	39.2	65.6	55.4	76.8	17.4	5.0	38.3	0.9	0.0	2.8	0.7	0.0	2.1	4	0	16	78	59	90	64	60	67
58	Region 30	74.9	68.3	80.5	33.8	22.5	45.7	17.6	0.0	56.9	63.7	31.6	79.3	18.6	1.9	67.2	1.0	0.0	6.3	0.8	0.0	5.7	4	0	20	72	53	87	63	58	67
47	Region 31	76.2	71.4	80.3	33.9	23.2	44.4	10.4	0.0	40.0	63.3	43.7	75.3	26.3	4.2	53.6	1.1	0.0	4.2	0.8	0.0	3.0	5	0	14	73	54	91	63	58	67
42	Region 32	75.6	66.9	77.8	33.8	28.7	39.4	14.5	1.4	33.0	63.3	48.0	87.3	22.1	4.4	49.9	0.9	0.0	3.4	0.7	0.0	2.8	4	0	12	73	49	86	63	57	66
25	Region 33	75.9	72.4	79.1	30.8	20.9	38.1	15.4	1.2	38.9	61.4	40.4	71.8	23.1	4.0	58.2	0.6	0.0	1.6	0.4	0.0	1.0	3	0	10	71	51	86	63	58	66
24	Region 34	75.1	68.0	77.5	32.7	22.7	38.9	10.0	0.4	25.0	62.9	31.4	77.0	27.1	6.1	68.2	1.2	0.2	3.3	0.8	0.0	1.8	5	1	18	75	59	85	63	60	66
3	Region 35	76.3	75.9	76.9	32.7	26.5	39.6	19.9	0.0	56.0	47.2	40.4	59.0	32.9	3.6	57.9	2.0	0.6	3.7	1.4	0.6	2.6	2	0	3	61	34	80	60	54	65
34	Region 36	76.3	73.6	78.5	33.7	27.6	38.4	4.0	0.5	19.4	61.2	45.9	71.3	34.7	14.4	53.5	1.6	0.0	3.9	1.2	0.0	2.6	4	0	11	66	45	87	61	56	67
542	Ave. Yellow	75.9			33.7			11.2			63.1			25.7			1.1			0.8			4			72			63		
	Min. Yellow	66.9			18.9			0.0			27.2			1.8			0.0			0.0			0			32			53		
	Max. Yellow	80.5			48.9						87.3			70.8			7.1			5.7			20			97			69		