

**TABLE 14: PHYSICAL QUALITY FACTORS OF WHITE AND YELLOW MAIZE (2014/2015)**

Number of samples	Region	Test weight (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.			
<b>WHITE AND YELLOW</b>																												
19	Region 10	77.1	74.3	79.7	33.5	28.3	36.6	6.7	3.3	12.3	71.1	63.9	78.9	22.2	13.9	32.8	1.0	0.2	2.7	0.8	0.1	1.8	4	1	10	85.4	70.2	97.8
8	Region 11	79.3	77.9	80.6	33.4	27.1	36.3	7.5	4.9	15.3	70.4	62.7	81.8	22.1	13.3	32.2	1.3	0.6	2.8	1.0	0.4	1.9	8	2	24	101.0	90.2	105.1
22	Region 12	77.9	75.5	80.3	30.4	23.1	41.5	13.6	2.1	31.1	65.1	54.8	81.0	21.4	9.2	38.4	1.3	0.2	3.4	0.9	0.1	2.9	5	1	14	101.3	88.8	111.7
48	Region 13	78.8	70.1	81.7	27.1	17.8	38.2	7.7	0.4	27.7	62.3	42.7	78.5	30.0	8.9	56.9	0.9	0.0	4.3	0.6	0.0	2.8	4	0	29	107.8	79.4	118.8
49	Region 14	78.1	73.5	81.8	28.6	19.7	34.3	12.2	1.1	28.8	64.6	45.2	74.3	23.2	7.6	53.7	0.9	0.2	2.3	0.7	0.1	2.0	4	0	24	103.0	80.7	117.0
4	Region 15	81.0	79.9	83.1	31.4	28.9	34.6	15.2	1.0	25.8	66.9	63.7	72.8	17.9	9.7	34.8	0.9	0.3	1.4	0.7	0.2	1.1	3	1	6	111.9	109.4	115.6
9	Region 16	79.0	75.9	80.9	29.7	23.7	33.5	9.3	2.1	20.4	63.1	47.0	73.6	27.6	8.9	50.5	1.2	0.4	2.2	0.8	0.4	1.3	4	1	9	107.3	99.6	113.1
53	Region 17	78.2	73.9	81.5	28.2	21.3	34.7	9.4	0.7	27.4	63.0	44.3	74.3	27.6	7.8	54.0	1.2	0.2	4.6	0.8	0.1	3.5	4	0	14	101.0	79.1	113.4
18	Region 18	77.6	74.2	81.2	28.8	24.4	36.1	12.5	3.0	34.6	63.9	53.2	73.3	23.6	5.5	42.7	1.0	0.2	2.1	0.7	0.1	1.8	5	1	22	101.9	94.2	108.7
55	Region 19	77.9	70.9	80.9	29.0	22.5	39.7	10.4	0.8	40.3	62.4	38.9	75.2	27.2	4.7	58.8	1.5	0.0	12.1	0.9	0.0	5.6	7	0	61	101.8	81.0	122.9
42	Region 20	78.0	71.1	81.9	30.8	21.9	48.3	12.8	1.4	86.7	61.5	13.1	76.4	25.7	0.0	43.3	1.2	0.2	3.9	0.9	0.1	2.8	5	0	20	98.1	75.5	114.1
29	Region 21	78.4	70.8	83.0	31.5	25.5	37.7	15.1	0.8	31.3	67.1	49.3	74.7	17.8	7.6	48.6	1.1	0.3	2.5	0.8	0.1	1.5	7	1	16	104.0	74.7	123.5
21	Region 22	80.3	76.7	82.8	31.0	24.9	34.8	14.9	0.0	25.4	65.6	38.6	76.0	19.5	9.2	61.4	1.1	0.2	1.9	0.8	0.2	1.5	5	0	18	108.5	101.1	119.1
22	Region 23	79.7	77.2	82.4	31.5	26.2	35.1	15.0	2.8	36.0	68.7	53.9	77.9	16.3	5.7	33.3	1.2	0.6	2.2	1.0	0.4	2.2	6	2	17	107.6	97.1	115.4
13	Region 24	80.0	77.2	82.5	31.1	26.7	33.1	11.3	1.9	26.2	65.4	55.6	73.4	23.3	7.5	39.5	1.0	0.1	2.2	0.8	0.0	2.2	7	2	12	104.3	89.2	113.5
15	Region 25	76.0	72.3	78.3	29.5	20.2	38.1	9.8	2.1	35.2	64.3	43.1	73.3	25.9	5.2	52.6	1.6	0.5	3.1	1.2	0.4	2.0	5	0	10	91.1	74.5	102.0
17	Region 26	77.2	72.8	80.2	30.5	26.6	33.7	8.9	3.4	22.7	67.1	57.7	73.1	24.0	9.5	36.8	1.0	0.2	2.9	0.8	0.1	2.5	5	1	12	101.0	83.7	113.5
6	Region 27	77.0	75.5	78.7	28.9	25.6	32.5	10.2	3.1	17.9	64.2	58.0	69.6	25.7	14.9	38.9	2.0	1.2	3.5	1.4	0.9	3.1	12	6	15	97.1	92.8	100.5
50	Region 28	77.1	72.6	82.0	30.9	20.3	36.7	14.9	4.6	35.6	65.5	49.7	73.4	19.6	5.6	45.5	1.2	0.4	9.9	0.8	0.2	5.3	6	0	56	95.8	81.2	117.4
79	Region 29	76.2	67.3	83.1	28.6	19.3	37.9	10.4	0.3	36.6	64.3	30.3	76.6	25.2	3.2	69.1	1.3	0.2	5.2	0.8	0.1	3.3	5	0	29	98.1	63.4	117.9
89	Region 30	76.3	68.8	81.1	29.1	19.4	39.7	13.0	0.0	39.7	62.7	16.4	77.1	24.3	4.1	83.6	1.4	0.2	3.1	1.0	0.1	2.6	6	0	29	95.9	50.2	111.8
69	Region 31	76.4	72.8	80.4	27.9	19.9	37.8	9.7	0.0	24.3	63.6	9.2	78.5	26.7	5.4	90.4	1.1	0.3	3.8	0.8	0.2	3.1	5	0	28	93.9	77.6	107.2
56	Region 32	75.6	70.3	79.1	28.7	21.4	36.6	11.8	1.6	24.3	67.2	54.3	78.6	21.0	8.4	42.8	1.4	0.2	5.6	0.9	0.2	4.8	4	0	28	87.3	63.9	101.5
84	Region 33	76.2	68.4	82.3	30.9	23.9	38.2	15.7	1.0	41.3	65.9	41.8	74.6	18.4	5.4	57.2	1.2	0.2	4.4	0.9	0.1	3.1	6	0	37	89.8	59.0	113.0
65	Region 34	76.7	70.2	82.6	30.3	24.6	37.7	14.0	1.1	40.3	66.2	43.8	78.6	19.8	3.9	50.8	1.2	0.2	5.0	0.8	0.2	3.1	6	1	34	97.5	71.4	118.0
11	Region 35	76.9	72.7	78.3	31.4	27.2	36.7	11.6	1.3	37.5	63.6	53.9	75.0	24.8	5.1	44.8	1.2	0.3	2.2	1.0	0.3	2.0	7	1	23	88.4	68.9	105.9
47	Region 36	77.0	74.8	80.0	33.2	26.3	39.0	12.1	1.8	38.0	66.0	47.7	76.2	21.9	1.2	47.6	1.2	0.1	4.3	0.9	0.0	3.4	7	1	20	95.3	78.4	108.3
<b>1000</b>	<b>Ave. w &amp; y</b>	<b>77.3</b>			<b>29.8</b>			<b>12.0</b>	<b>0.0</b>		<b>64.7</b>			<b>23.2</b>			<b>1.2</b>	<b>0.0</b>		<b>0.8</b>			<b>6</b>	<b>0</b>		<b>97.6</b>		
	<b>Min. w &amp; y</b>	<b>67.3</b>			<b>17.8</b>			<b>0.0</b>		<b>86.7</b>	<b>9.2</b>			<b>0.0</b>			<b>0.0</b>			<b>0.0</b>			<b>0</b>			<b>50.2</b>		
	<b>Max. w &amp; y</b>	<b>83.1</b>			<b>48.3</b>			<b>86.7</b>			<b>81.8</b>			<b>90.4</b>			<b>12.1</b>						<b>5.6</b>			<b>123.5</b>		