

**TABLE 2b: QUALITY OF YELLOW MAIZE IMPORTED FROM BRAZIL FOR THE PERIOD
1 MAY 2024 TO 30 APRIL 2025**

Country of origin	Brazil				RSA Crop Quality Average 2023/2024				
Class and Grade Yellow maize	YM1	YM2	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading									
Defective kernels above 6.35mm screen, %	3.4	2.0	6.9	3.6	1.5	1.7	1.9	1.9	1.6
Defective kernels below 6.35mm screen, %	3.5	4.4	2.1	3.6	2.1	4.9	8.9	4.4	3.3
Total defective kernels, %	6.9	6.4	9.0	7.2	3.7	6.6	10.8	6.2	5.0
Other colour maize kernels %	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.1
Foreign matter, % (all matter other than maize, glass, stone, coal, dung or metal)	0.2	0.1	0.1	0.1	0.0	0.1	0.5	0.7	0.2
Combined deviation, %	7.1	6.5	9.1	7.3	3.8	6.9	11.4	7.2	5.3
No. of samples	1	2	1	4	299	98	27	58	482
USA Grading factors according to RSA grades									
Heat damaged kernels, %	1.7	0.1	1.4	0.8	0.0	0.0	0.0	0.0	0.0
Total damaged kernels, %	3.4	2.0	3.5	2.7	2.3	2.4	2.6	3.1	2.4
Broken corn and foreign material, %	0.4	1.5	2.6	1.5	0.5	1.1	1.6	1.7	0.8
No. of samples	1	2	1	4	299	98	27	58	482
Physical Quality Characteristics									
100 Kernel mass, g (as is)	27.6	28.1	27.5	27.8	30.1	26.3	24.1	27.9	28.7
Stress cracks, %	7	4	44	15	5	4	3	6	5
Milling Index	76	77	85	79	77	75	74	76	76
Grit Yield	64	64	66	65	64	64	63	64	64
Test weight, kg/hl	74.1	74.5	75.6	74.7	76.2	74.9	74.5	74.6	75.7
No. of samples	1	2	1	4	299	98	27	58	482
Kernel size									
% above 10 mm	0.9	2.9	5.2	3.0	7.0	3.0	3.0	5.6	5.8
% above 8 mm	56.7	61.4	62.4	60.5	60.4	49.8	42.6	58.0	57.0
% below 8 mm	42.4	35.7	32.4	36.6	32.6	47.1	54.4	36.4	37.2
No. of samples	1	2	1	4	299	98	27	58	482
Breakage susceptibility									
% below 6.35 mm	0.0	0.0	1.2	0.3	1.0	1.4	1.4	1.2	1.1
% below 4.75 mm	0.3	0.2	2.8	0.9	0.8	0.9	0.9	0.8	0.8
No. of samples	1	2	1	4	299	98	27	58	482
Nutritional Factors									
Protein, %(db)	8.9	9.1	9.1	9.0	9.2	9.4	9.6	9.5	9.3
Fat, %(db)	3.9	4.0	4.0	4.0	3.9	3.8	3.8	3.8	3.9
Starch, %(db)	74.4	74.4	74.8	74.5	73.6	73.5	73.2	73.2	73.5
Crude fibre, % (db)	2.2	2.2	2.1	2.2	2.2	2.2	2.3	2.2	2.2
No. of samples	1	2	1	4	299	98	27	58	482
Mycotoxins (µg/kg)	Average of positive results		Number of positive results		Average of positive results		Number of positive results		
Aflatoxin B ₁ [max. value]	0 [0]		0		19 [19]		1		
Aflatoxin B ₂ [max. value]	0 [0]		0		0 [0]		0		
Aflatoxin G ₁ [max. value]	0 [0]		0		26 [26]		1		
Aflatoxin G ₂ [max. value]	0 [0]		0		0 [0]		0		
Fumonisin B ₁ [max. value]	711 [757]		2		168 [927]		37		
Fumonisin B ₂ [max. value]	211 [235]		2		66 [351]		26		
Fumonisin B ₃ [max. value]	50 [75]		2		50 [70]		6		
Deoxynivalenol [max. value]	0 [0]		0		230 [741]		34		
15-ADON [max. value]	0 [0]		0		163 [262]		3		
Ochratoxin A [max. value]	0 [0]		0		0 [0]		0		
Zearalenone [max. value]	0 [0]		0		62 [113]		5		
HT2 [max. value]	0 [0]		0		34 [34]		1		
T2 [max. value]	0 [0]		0		0 [0]		0		
No. of samples	2				168				