

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

Country of origin	Argentina					RSA Crop Quality Average 2023/2024				
Class and Grade Yellow maize	YM1	YM2	YM3	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading										
Defective kernels above 6.35mm screen, %	1.9	1.9	3.0	2.9	2.3	1.5	1.7	1.9	1.9	1.6
Defective kernels below 6.35mm screen, %	2.7	5.7	8.9	6.8	5.9	2.1	4.9	8.9	4.4	3.3
Total defective kernels, %	4.6	7.6	11.9	9.7	8.2	3.7	6.6	10.8	6.2	5.0
Other colour maize kernels %	0.0	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)	0.1	0.1	0.4	0.6	0.3	0.0	0.1	0.5	0.7	0.2
Combined deviation, %	4.8	7.8	12.4	10.3	8.5	3.8	6.9	11.4	7.2	5.3
No. of samples	5	29	3	14	51	299	98	27	58	482
USA Grading factors according to RSA grades										
Heat damaged kernels, %	0.0	0.2	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0
Total damaged kernels, %	3.6	2.5	4.8	3.7	3.1	2.3	2.4	2.6	3.1	2.4
Broken corn and foreign material, %	1.4	1.8	3.0	2.7	2.1	0.5	1.1	1.6	1.7	0.8
No. of samples	5	29	3	14	51	299	98	27	58	482
Physical Quality Characteristics										
100 Kernel mass, g (as is)	30.3	27.7	26.7	28.1	28.0	30.1	26.3	24.1	27.9	28.7
Stress cracks, %	11	7	12	6	7	5	4	3	6	5
Milling Index	77	76	76	73	75	77	75	74	76	76
Grit Yield	64	64	64	63	64	64	64	63	64	64
Test weight, kg/hl	74.7	74.7	74.6	74.0	74.5	76.2	74.9	74.5	74.6	75.7
No. of samples	5	29	3	14	51	299	98	27	58	482
Kernel size										
% above 10 mm	2.4	2.4	1.7	2.3	2.4	7.0	3.0	3.0	5.6	5.8
% above 8 mm	58.1	53.1	50.2	53.9	53.7	60.4	49.8	42.6	58.0	57.0
% below 8 mm	44.0	44.4	48.1	43.8	44.4	32.6	47.1	54.4	36.4	37.2
No. of samples	5	29	3	14	51	299	98	27	58	482
Breakage susceptibility										
% below 6.35 mm	0.2	0.2	0.2	0.4	0.2	1.0	1.4	1.4	1.2	1.1
% below 4.75 mm	0.5	0.6	0.7	0.9	0.6	0.8	0.9	0.9	0.8	0.8
No. of samples	5	29	3	14	51	299	98	27	58	482
Nutritional Factors										
Protein, %(db)	9.3	9.3	9.4	9.1	9.3	9.2	9.4	9.6	9.5	9.3
Fat, %(db)	4.0	4.0	3.9	4.0	4.0	3.9	3.8	3.8	3.8	3.9
Starch, %(db)	74	73.7	74.3	73.3	73.7	73.6	73.5	73.2	73.2	73.5
Crude fibre, % (db)	2.2	2.2	2.0	2.1	2.1	2.2	2.2	2.3	2.2	2.2
No. of samples	5	29	3	14	51	299	98	27	58	482
Mycotoxins (µg/kg)										
Aflatoxin B ₁ [max. value]	Average of positive results		Number of positive results		Average of positive results		Number of positive results			
Aflatoxin B ₁ [max. value]	10 [10]		1		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]	1428 [2976]		22		168 [927]		37			
Fumonisin B ₂ [max. value]	403 [921]		22		66 [351]		26			
Fumonisin B ₃ [max. value]	132 [326]		21		50 [70]		6			
Deoxynivalenol [max. value]	235 [476]		14		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]	77 [192]		7		62 [113]		5			
HT2 [max. value]	0 [0]		0		34 [34]		1			
T2 [max. value]	0 [0]		0		0 [0]		0			
No. of samples	22				168					