TABLE 2: QUALITY OF YELLOW MAIZE IMPORTED FROM ARGENTINA FOR THE PERIOD 1 MAY 2025 TO 30 APRIL 2026

Country of origin	Argentina				RSA Crop Quality Average 2024/2025			
Class and Grade Yellow maize	**YM1**	**YM2**	**YM3**	**Average**	**YM1**	**YM2**	**YM3**	**Average**
RSA Grading								
Defective kernels above 6.35mm screen, %	2.9	3.8	5.5	3.4	3.0	7.8	13.3	4.7
Defective kernels below 6.35mm screen, %	3.1	4.5	4.9	3.6	1.7	2.8	5.2	2.1
Total defective kernels, %	6.0	8.3	10.4	7.0	4.7	10.6	18.5	6.9
Other colour maize kernels %	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.1
Foreign matter, % (all matter other than maize, glass, stone, coal, dung or metal)	0.1	0.1	0.7	0.1	0.0	0.1	0.3	0.1
Combined deviation, %	6.2	8.4	11.1	7.1	4.8	10.8	19.2	7.1
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***
USA Grading factors according to RSA grades								
Heat damaged kernels, %	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0
Total damaged kernels, %	3.0	4.0	5.9	3.5	4.9	10.1	16.4	6.7
Broken corn and foreign material, %	1.2	2.0	2.8	1.6	0.4	1.0	1.8	0.7
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***
Physical Quality Characteristics								
100 Kernel mass, g (as is)	32.0	32.3	31.2	32.0	34.2	32.8	31.0	33.7
Stress cracks, %	5	7	5	6	3	5	5	4
Milling Index	83	84	75	83	73	72	69	72
Grit Yield	66	66	64	66	63	63	62	63
Test weight, kg/hl	76.1	75.8	74.7	75.9	76.1	75.9	74.7	75.9
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***
Kernel size								
% above 10 mm	4.3	5.5	4.6	4.7	12.0	9.2	12.1	11.2
% above 8 mm	61.4	58.7	63.1	60.7	63.8	61.6	56.8	63.1
% below 8 mm	34.3	35.9	32.3	34.7	24.2	29.2	31.1	25.6
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***
Breakage susceptibility								
% below 6.35 mm	36.3	19.9	0.6	29.4	0.9	1.1	1.8	1.1
% below 4.75 mm	0.3	0.5	0.6	0.4	0.7	0.8	1.1	0.8
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***
Nutritional Factors								
Protein, %(db)	9.2	9.1	8.7	9.1	8.8	8.8	8.7	8.8
Fat, %(db)	4.1	4.2	4.2	4.1	4.0	3.9	3.7	3.9
Starch, %(db)	72.7	71.9	71.3	72.4	73.6	73.5	73.5	73.6
Crude fibre, % (db)	2.3	2.4	1.9	2.3	2.2	2.2	2.2	2.2
No. of samples	***11***	***5***	***1***	***17***	***371***	***119***	***18***	***542***

Mycotoxins (µg/kg)	Average of positive results	Number of positivie results	Average of positive results	Number of positivie results
Aflatoxin B_1 [max. value]	0 [0]	*0*	0 [0]	*0*
Aflatoxin B_2 [max. value]	0 [0]	*0*	0 [0]	*0*
Aflatoxin G_1 [max. value]	0 [0]	*0*	0 [0]	*0*
Aflatoxin G_2 [max. value]	0 [0]	*0*	0 [0]	*0*
Fumonisin B_1 [max. value]	2535 [3217]	*4*	642 [2864]	*64*
Fumonisin B_2 [max. value]	999 [1906]	*4*	264 [915]	*47*
Fumonisin B_3 [max. value]	199 [226]	*4*	95 [239]	*30*
Deoxynivalenol [max. value]	246 [346]	*4*	972 [5919]	*168*
15-ADON [max. value]	0 [0]	*0*	229 [866]	*116*
Ochratoxin A [max. value]	0 [0]	*0*	0 [0]	*0*
Zearalenone [max. value]	25 [36]	*3*	90 [543]	*109*
HT2 [max. value]	0 [0]	*0*	0 [0]	*0*
T2 [max. value]	0 [0]	*0*	0 [0]	*0*
No. of samples	***4***		***190***	