

IMPORTED MAIZE QUALITY
Quality of maize imported from 25 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	Argentina					RSA Crop Average				
Class and grade yellow maize	YM1	YM2	YM3	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading										
Defective kernels above 6.35 mm sieve, %	3.7	4.1	3.7	6.5	4.7	2.5	4.5	10.5	6.0	3.1
Defective kernels below 6.35 mm sieve, %	3.0	4.8	6.1	3.9	3.8	2.0	4.7	8.9	4.7	2.7
Total defective kernels, %	6.6	8.9	9.7	10.4	8.5	4.5	9.2	19.5	10.6	5.9
Other colour maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	5.7	0.3
Foreign matter, %	0.1	0.2	0.3	0.2	0.2	0.1	0.2	0.3	0.4	0.1
Combined deviations, %	6.8	9.1	10.0	10.6	8.7	4.7	9.7	19.7	16.7	6.2
Pinked maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Factors										
100 Kernel mass, g	30.5	30.0	33.7	30.3	30.3	29.4	25.9	22.9	28.7	28.6
Stress cracks, %	6	9	2	8	7	5	5	5	10	5
Milling Index	88.0	84.9	82.4	88.1	87.1	95.4	93.9	89.4	96.6	95.0
Kernel Size										
% above 10 mm sieve	3.1	3.0	10.0	3.2	3.2	9.5	6.3	2.7	12.5	8.8
% above 8 mm sieve	62.5	61.6	65.2	60.6	61.6	65.5	57.4	43.6	61.5	63.4
% below 8 mm sieve	34.4	35.4	24.9	36.2	35.1	25.0	36.2	53.6	26.0	27.8
Breakage susceptibility										
% Below 6.35 mm sieve	0.3	0.3	0.4	0.2	0.3	1.2	1.5	1.9	2.4	1.3
% Below 4.75 mm sieve	0.4	0.4	0.3	0.4	0.4	0.9	1.0	1.1	1.3	0.9
Nutritional Factors										
Protein, % (db)	8.5	8.3	8.7	8.5	8.4	9.4	9.6	10.1	9.7	9.5
Fat, % (db)	4.5	4.5	4.4	4.5	4.5	4.0	3.9	3.8	3.9	4.0
Starch, % (db)	71.9	71.5	72.7	71.0	71.5	72.9	73.1	73.2	72.9	72.9
Number of samples	50	37	2	43	132	392	103	9	11	515
Mycotoxins										
Afla G ₁ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₁ (µg/kg) [max. value]	0 [5]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla G ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Fum B ₁ (µg/kg) [max. value]	3 344 [11 935]					198 [2 714]	149 [1 440]	176 [504]	50 [136]	179
Fum B ₂ (µg/kg) [max. value]	648 [2 135]					50 [505]	38 [377]	41 [133]	11 [43]	45
Fum B ₃ (µg/kg) [max. value]	238 [797]					9 [163]	9 [180]	7 [25]	0 [0]	8
Deoxynivalenol (µg/kg) [max. value]	129 [404]					80 [851]	117 [593]	23 [164]	65 [253]	87
15-ADON [max. value]	0 [0]					9 [228]	5 [238]	0 [<100]	0 [0]	8
Ochratoxin A (µg/kg) [max. value]	0 [0]					0 [<5]	0 [0]	0 [0]	0 [0]	0
Zearalenone (µg/kg) [max. value]	19 [168]					2 [71]	7 [124]	4 [25]	0 [0]	3
HT2 [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
T-2 Toxin (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Number of samples	47					121	48	7	6	182
GMO										
Cry1Ab, % [max value]	>5.0 [>5.0]					4.5 [>5.0]	3.7 [>5.0]	3.8 [3.80]	>5.0 [>5.0]	4.1
Cry2Ab, % [max value]	>5.0 [>5.0]					3.7 [>5.0]	2.9 [>5.0]	<0.5 [<0.5]	3.3 [>5.0]	3.5
CP4 EPSPS, % [max value]	>5.0 [>5.0]					4.4 [>5.0]	4.1 [>5.0]	>5.0 [>5.0]	>5.0 [>5.0]	4.1
Number of samples	47					40	10	1	3	54

IMPORTED MAIZE QUALITY
Quality of maize imported from 25 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	Brazil					RSA Crop Average				
Class and grade yellow maize	YM1	YM2	YM3	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading										
Defective kernels above 6.35 mm sieve, %	4.3	6.0	3.7	5.0	5.5	2.5	4.5	10.5	6.0	3.1
Defective kernels below 6.35 mm sieve, %	3.1	4.9	10.6	5.4	4.5	2.0	4.7	8.9	4.7	2.7
Total defective kernels, %	7.4	10.9	14.3	10.4	10.0	4.5	9.2	19.5	10.6	5.9
Other colour maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	5.7	0.3
Foreign matter, %	0.1	0.1	1.0	0.7	0.2	0.1	0.2	0.3	0.4	0.1
Combined deviations, %	7.5	11.1	15.3	11.0	10.1	4.7	9.7	19.7	16.7	6.2
Pinked maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Factors										
100 Kernel mass, g	31.1	31.1	28.8	33.2	31.1	29.4	25.9	22.9	28.7	28.6
Stress cracks, %	14	29	11	32	25	5	5	5	10	5
Milling Index	95.8	94.0	83.4	88.2	94.2	95.4	93.9	89.4	96.6	95.0
Kernel Size										
% above 10 mm sieve	4.8	5.8	1.8	6.6	5.5	9.5	6.3	2.7	12.5	8.8
% above 8 mm sieve	66.1	66.4	63.9	69.0	66.3	65.5	57.4	43.6	61.5	63.4
% below 8 mm sieve	29.2	27.8	34.3	24.5	28.2	25.0	36.2	53.6	26.0	27.8
Breakage susceptibility										
% Below 6.35 mm sieve	0.5	1.1	0.3	1.5	1.0	1.2	1.5	1.9	2.4	1.3
% Below 4.75 mm sieve	1.0	1.9	0.6	2.7	1.7	0.9	1.0	1.1	1.3	0.9
Nutritional Factors										
Protein, % (db)	8.2	8.4	8.6	8.5	8.4	9.4	9.6	10.1	9.7	9.5
Fat, % (db)	4.4	4.2	4.3	4.1	4.2	4.0	3.9	3.8	3.9	4.0
Starch, % (db)	72.7	73.0	71.1	73.9	72.9	72.9	73.1	73.2	72.9	72.9
Number of samples	20	47	1	2	70	392	103	9	11	515
Mycotoxins										
Afla G ₁ (µg/kg) [max. value]	0 [8]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₁ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla G ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Fum B ₁ (µg/kg) [max. value]	1 122 [2 050]					198 [2 714]	149 [1 440]	176 [504]	50 [136]	179
Fum B ₂ (µg/kg) [max. value]	227 [385]					50 [505]	38 [377]	41 [133]	11 [43]	45
Fum B ₃ (µg/kg) [max. value]	86 [164]					9 [163]	9 [180]	7 [25]	0 [0]	8
Deoxynivalenol (µg/kg) [max. value]	16 [295]					80 [851]	117 [593]	23 [164]	65 [253]	87
15-ADON [max. value]	0 [0]					9 [228]	5 [238]	0 [<100]	0 [0]	8
Ochratoxin A (µg/kg) [max. value]	0 [0]					0 [<5]	0 [0]	0 [0]	0 [0]	0
Zearalenone (µg/kg) [max. value]	10 [87]					2 [71]	7 [124]	4 [25]	0 [0]	3
HT2 [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
T-2 Toxin (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Number of samples	18					121	48	7	6	182
GMO										
Cry1Ab, % [max value]	>5.0 [>5.0]					4.5 [>5.0]	3.7 [>5.0]	3.8 [3.80]	>5.0 [>5.0]	4.1
Cry2Ab, % [max value]	>5.0 [>5.0]					3.7 [>5.0]	2.9 [>5.0]	<0.5 [<0.5]	3.3 [>5.0]	3.5
CP4 EPSPS, % [max value]	>5.0 [>5.0]					4.4 [>5.0]	4.1 [>5.0]	>5.0 [>5.0]	>5.0 [>5.0]	4.1
Number of samples	18					40	10	1	3	54

IMPORTED MAIZE QUALITY

Quality of maize imported from 26 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	Mexico		RSA Crop Average	
Class and grade white maize	WM2	Average	WM2	Average
RSA Grading				
Defective kernels above 6.35 mm sieve, %	10.2	10.2	5.3	3.1
Defective kernels below 6.35 mm sieve, %	1.8	1.8	3.5	2.2
Total defective kernels, %	12.0	12.0	8.7	5.3
Other colour maize kernels, %	0.0	0.0	0.7	0.4
Foreign matter, %	0.4	0.4	0.2	0.1
Combined deviations, %	12.4	12.4	9.6	5.8
Pinked maize kernels, %	0.0	0.0	0.2	0.1
Physical Factors				
100 Kernel mass, g	29.4	29.4	31.2	31.1
Stress cracks, %	2	2	7	6
Milling Index	89.3	89.3	103.0	100.4
Kernel Size				
% above 10 mm sieve	1.1	1.1	17.7	15.4
% above 8 mm sieve	61.8	61.8	65.0	66.1
% below 8 mm sieve	37.1	37.1	17.3	18.4
Breakage susceptibility				
% Below 6.35 mm sieve	0.1	0.1	1.3	1.1
% Below 4.75 mm sieve	0.3	0.3	1.0	0.8
Number of samples	1	1	59	485
Nutritional Factors				
Protein, % (db)	8.8	8.8	9.6	9.4
Fat, % (db)	4.5	4.5	4.2	4.2
Starch, % (db)	68.4	68.4	72.4	72.6
Roff Milling				
Break 1, %	13.5	13.5	12.5	12.9
Break 2, %	12.1	12.1	11.7	11.8
Break 3, %	25.3	25.3	24.6	24.9
Grits, %	28.1	28.1	29.7	29.0
Bran and Germ, %	21.0	21.0	21.5	21.3
Extraction (Total meal), %	79.0	79.0	78.5	78.7
Whiteness Index				
Whiteness Index, 87:13, sifted	14.2	14.2	13.4	14.9
Whiteness Index, unsifted	23.4	23.4	21.2	22.9
Number of samples	1	1	59	480
Mycotoxins				
Afla G ₁ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla B ₁ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla G ₂ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla B ₂ (µg/kg) [max. value]	0 [0]		0 [0]	0
Fum B ₁ (µg/kg) [max. value]	1 604 [1 604]		268 [1 229]	164
Fum B ₂ (µg/kg) [max. value]	299 [299]		70 [283]	41
Fum B ₃ (µg/kg) [max. value]	223 [223]		18 [88]	9
Deoxynivalenol (µg/kg) [max. value]	0 [0]		416 [3 167]	284
15-ADON [max. value]	0 [0]		64 [890]	47
Ochratoxin A (µg/kg) [max. value]	0 [0]		0 [0]	0
Zearalenone (µg/kg) [max. value]	0 [0]		23 [212]	10
HT2 [max. value]	0 [0]		0 [0]	0
T-2 Toxin (µg/kg) [max. value]	0 [0]		0 [0]	0
Number of samples	1		30	168
GMO				
Cry1Ab, % [max value]	<0.4 [<0.4]		>5.0 [>5.0]	4.5
Cry2Ab, % [max value]	<0.5 [<0.5]		4.1 [>5.0]	3.9
CP4 EPSPS, % [max value]	<0.25 [<0.25]		4.7 [>5.0]	4.5
Number of samples	1		15	46

IMPORTED MAIZE QUALITY
Quality of maize imported from 26 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	Paraguay					RSA Crop Average				
Class and grade yellow maize	YM1	YM2	YM3	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading										
Defective kernels above 6.35 mm sieve, %	5.5	8.3	7.2	12.0	8.0	2.5	4.5	10.5	6.0	3.1
Defective kernels below 6.35 mm sieve, %	1.3	2.6	12.0	13.7	5.5	2.0	4.7	8.9	4.7	2.7
Total defective kernels, %	6.8	10.9	19.2	25.7	13.6	4.5	9.2	19.5	10.6	5.9
Other colour maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.0	5.7	0.3
Foreign matter, %	0.1	0.2	0.4	0.1	0.2	0.1	0.2	0.3	0.4	0.1
Combined deviations, %	6.9	11.1	19.6	25.8	13.7	4.7	9.7	19.7	16.7	6.2
Pinked maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Factors										
100 Kernel mass, g	32.8	34.3	32.8	32.5	33.0	29.4	25.9	22.9	28.7	28.6
Stress cracks, %	39	32	19	55	41	5	5	5	10	5
Milling Index	105.1	103.0	97.2	100.2	102.9	95.4	93.9	89.4	96.6	95.0
Kernel Size										
% above 10 mm sieve	13.5	13.8	14.3	14.5	13.9	9.5	6.3	2.7	12.5	8.8
% above 8 mm sieve	71.5	72.2	69.2	68.7	70.8	65.5	57.4	43.6	61.5	63.4
% below 8 mm sieve	14.9	14.0	16.5	16.8	15.3	25.0	36.2	53.6	26.0	27.8
Breakage susceptibility										
% Below 6.35 mm sieve	1.3	1.2	2.1	1.3	1.3	1.2	1.5	1.9	2.4	1.3
% Below 4.75 mm sieve	1.6	1.3	3.2	1.6	1.6	0.9	1.0	1.1	1.3	0.9
Number of samples	11	6	1	7	25	392	103	9	11	515
Nutritional Factors										
Protein, % (db)	9.1	9.2	9.1	9.3	9.2	9.4	9.6	10.1	9.7	9.5
Fat, % (db)	4.4	4.4	4.4	4.5	4.4	4.0	3.9	3.8	3.9	4.0
Starch, % (db)	73.7	72.3	74.7	71.5	72.8	72.9	73.1	73.2	72.9	72.9
Number of samples	11	6	1	7	25	392	103	9	11	515
Mycotoxins										
Afla G ₁ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₁ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla G ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₂ (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Fum B ₁ (µg/kg) [max. value]	2 706 [9 310]					198 [2 714]	149 [1 440]	176 [504]	50 [136]	179
Fum B ₂ (µg/kg) [max. value]	584 [1 760]					50 [505]	38 [377]	41 [133]	11 [43]	45
Fum B ₃ (µg/kg) [max. value]	182 [625]					9 [163]	9 [180]	7 [25]	0 [0]	8
Deoxynivalenol (µg/kg) [max. value]	0 [0]					80 [851]	117 [593]	23 [164]	65 [253]	87
15-ADON [max. value]	0 [0]					9 [228]	5 [238]	0 [<100]	0 [0]	8
Ochratoxin A (µg/kg) [max. value]	0 [0]					0 [<5]	0 [0]	0 [0]	0 [0]	0
Zearalenone (µg/kg) [max. value]	28 [69]					2 [71]	7 [124]	4 [25]	0 [0]	3
HT2 [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
T-2 Toxin (µg/kg) [max. value]	0 [0]					0 [0]	0 [0]	0 [0]	0 [0]	0
Number of samples	6					121	48	7	6	182
GMO										
Cry1Ab, % [max value]	>5.0 [>5.0]					4.5 [>5.0]	3.7 [>5.0]	3.8 [3.80]	>5.0 [>5.0]	4.1
Cry2Ab, % [max value]	>5.0 [>5.0]					3.7 [>5.0]	2.9 [>5.0]	<0.5 [<0.5]	3.3 [>5.0]	3.5
CP4 EPSPS, % [max value]	>5.0 [>5.0]					4.4 [>5.0]	4.1 [>5.0]	>5.0 [>5.0]	>5.0 [>5.0]	4.1
Number of samples	6					40	10	1	3	54

IMPORTED MAIZE QUALITY
Quality of maize imported from 26 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	Ukraine				RSA Crop Average				
Class and grade yellow maize	YM2	YM3	COM	Average	YM1	YM2	YM3	COM	Average
RSA Grading									
Defective kernels above 6.35 mm sieve, %	4.1	4.4	5.6	4.5	2.5	4.5	10.5	6.0	3.1
Defective kernels below 6.35 mm sieve, %	8.8	15.6	15.4	12.8	2.0	4.7	8.9	4.7	2.7
Total defective kernels, %	12.9	20.0	21.0	17.3	4.5	9.2	19.5	10.6	5.9
Other colour maize kernels, %	0.0	0.0	0.0	0.0	0.1	0.4	0.0	5.7	0.3
Foreign matter, %	0.2	0.2	0.0	0.2	0.1	0.2	0.3	0.4	0.1
Combined deviations, %	13.1	20.2	21.0	17.5	4.7	9.7	19.7	16.7	6.2
Pinked maize kernels, %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Physical Factors									
100 Kernel mass, g	26.3	26.5	30.2	27.1	29.4	25.9	22.9	28.7	28.6
Stress cracks, %	86	92	61	83	5	5	5	10	5
Milling Index	86.0	89.5	81.6	86.5	95.4	93.9	89.4	96.6	95.0
Kernel Size									
% above 10 mm sieve	2.8	2.5	2.4	2.6	9.5	6.3	2.7	12.5	8.8
% above 8 mm sieve	55.4	49.1	54.5	52.7	65.5	57.4	43.6	61.5	63.4
% below 8 mm sieve	41.9	48.4	43.1	44.7	25.0	36.2	53.6	26.0	27.8
Breakage susceptibility									
% Below 6.35 mm sieve	3.5	5.0	4.2	4.2	1.2	1.5	1.9	2.4	1.3
% Below 4.75 mm sieve	5.2	9.2	8.9	7.5	0.9	1.0	1.1	1.3	0.9
Number of samples	2	2	1	5	392	103	9	11	515
Nutritional Factors									
Protein, % (db)	8.9	9.0	9.1	9.0	9.4	9.6	10.1	9.7	9.5
Fat, % (db)	4.2	4.3	4.2	4.2	4.0	3.9	3.8	3.9	4.0
Starch, % (db)	67.5	73.5	71.7	70.7	72.9	73.1	73.2	72.9	72.9
Number of samples	2	2	1	5	392	103	9	11	515
Mycotoxins									
Afla G ₁ (µg/kg) [max. value]		0 [0]			0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₁ (µg/kg) [max. value]		0 [0]			0 [0]	0 [0]	0 [0]	0 [0]	0
Afla G ₂ (µg/kg) [max. value]		0 [0]			0 [0]	0 [0]	0 [0]	0 [0]	0
Afla B ₂ (µg/kg) [max. value]		0 [0]			0 [0]	0 [0]	0 [0]	0 [0]	0
Fum B ₁ (µg/kg) [max. value]		<20]			198 [2 714]	149 [1 440]	176 [504]	50 [136]	179
Fum B ₂ (µg/kg) [max. value]		0 [0]			50 [505]	38 [377]	41 [133]	11 [43]	45
Fum B ₃ (µg/kg) [max. value]		0 [0]			9 [163]	9 [180]	7 [25]	0 [0]	8
Deoxynivalenol (µg/kg) [max. value]		102 [102]			80 [851]	117 [593]	23 [164]	65 [253]	87
15-ADON [max. value]		0 [0]			9 [228]	5 [238]	0 [<100]	0 [0]	8
Ochratoxin A (µg/kg) [max. value]		0 [0]			0 [<5]	0 [0]	0 [0]	0 [0]	0
Zearalenone (µg/kg) [max. value]		0 [0]			2 [71]	7 [124]	4 [25]	0 [0]	3
HT2 [max. value]		<20]			0 [0]	0 [0]	0 [0]	0 [0]	0
T-2 Toxin (µg/kg) [max. value]		0 [0]			0 [0]	0 [0]	0 [0]	0 [0]	0
Number of samples		1			121	48	7	6	182
GMO									
Cry1Ab, % [max value]		<0.4 [<0.4]			4.5 [>5.0]	3.7 [>5.0]	3.8 [3.80]	>5.0 [>5.0]	4.1
Cry2Ab, % [max value]		<0.5 [<0.5]			3.7 [>5.0]	2.9 [>5.0]	<0.5 [<0.5]	3.3 [>5.0]	3.5
CP4 EPSPS, % [max value]		0 [0]			4.4 [>5.0]	4.1 [>5.0]	>5.0 [>5.0]	>5.0 [>5.0]	4.1
Number of samples		1			40	10	1	3	54

IMPORTED MAIZE QUALITY
Quality of maize imported from 26 April 2015 to 29 April 2016
compared to RSA crop quality 2014/2015

Country of origin	USA		RSA Crop Average	
Class and grade white maize	WM2	Average	WM2	Average
RSA Grading				
Defective kernels above 6.35 mm sieve, %	4.2	4.2	5.3	3.1
Defective kernels below 6.35 mm sieve, %	4.6	4.6	3.5	2.2
Total defective kernels, %	8.8	8.8	8.7	5.3
Other colour maize kernels, %	0.1	0.1	0.7	0.4
Foreign matter, %	0.2	0.2	0.2	0.1
Combined deviations, %	9.0	9.0	9.6	5.8
Pinked maize kernels, %	0.0	0.0	0.2	0.1
Physical Factors				
100 Kernel mass, g	33.3	33.3	31.2	31.1
Stress cracks, %	35	35	7	6
Milling Index	89.3	89.3	103.0	100.4
Kernel Size				
% above 10 mm sieve	3.6	3.6	17.7	15.4
% above 8 mm sieve	69.4	69.4	65.0	66.1
% below 8 mm sieve	27.0	27.0	17.3	18.4
Breakage susceptibility				
% Below 6.35 mm sieve	0.5	0.5	1.3	1.1
% Below 4.75 mm sieve	1.7	1.7	1.0	0.8
Number of samples	1	1	59	485
Nutritional Factors				
Protein, % (db)	8.4	8.4	9.6	9.4
Fat, % (db)	3.7	3.7	4.2	4.2
Starch, % (db)	73.7	73.7	72.4	72.6
Roff Milling				
Break 1, %	15.6	15.6	12.5	12.9
Break 2, %	12.3	12.3	11.7	11.8
Break 3, %	25.4	25.4	24.6	24.9
Grits, %	24.2	24.2	29.7	29.0
Bran and Germ, %	21.8	21.8	21.5	21.3
Extraction (Total meal), %	78.2	78.2	78.5	78.7
Whiteness Index				
Whiteness Index, 87.13, sifted	17.3	17.3	13.4	14.9
Whiteness Index, unsifted	27.7	27.7	21.2	22.9
Number of samples	7	7	59	480
Mycotoxins				
Afla G ₁ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla B ₁ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla G ₂ (µg/kg) [max. value]	0 [0]		0 [0]	0
Afla B ₂ (µg/kg) [max. value]	0 [0]		0 [0]	0
Fum B ₁ (µg/kg) [max. value]	1 209 [1 452]		268 [1 229]	164
Fum B ₂ (µg/kg) [max. value]	174 [227]		70 [283]	41
Fum B ₃ (µg/kg) [max. value]	83 [108]		18 [88]	9
Deoxynivalenol (µg/kg) [max. value]	879 [1 255]		416 [3 167]	284
15-ADON [max. value]	0 [0]		64 [890]	47
Ochratoxin A (µg/kg) [max. value]	0 [0]		0 [0]	0
Zearalenone (µg/kg) [max. value]	14 [28]		23 [212]	10
HT2 [max. value]	0 [0]		0 [0]	0
T-2 Toxin (µg/kg) [max. value]	0 [0]		0 [0]	0
Number of samples	2		30	168
GMO				
Cry1Ab, % [max value]	<0.4 [-0.4]		>5.0 [>5.0]	4.5
Cry2Ab, % [max value]	<0.5 [-0.5]		4.1 [>5.0]	3.9
CP4 EPSPS, % [max value]	<0.25 [-0.25]		4.7 [>5.0]	4.5
Number of samples	2		15	46