

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017

Region	Grade	Aflatoxin µg/kg				Total	Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg		B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg						
10	YM1	ND	ND	ND	ND	ND	179	62	ND	241	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	1 148	202	135	1 485	122	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	177	32	ND	209	596	116	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	830	162	87	1 079	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	389	76	35	500	728	104	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	1 394	207	107	1 708	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	351	76	24	451	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	280	52	32	364	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	931	278	50	1 259	462	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	297	42	ND	339	746	153	ND	ND	ND
10	WM1	ND	ND	ND	ND	ND	116	ND	ND	116	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	1 950	332	153	2 435	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	521	101	35	657	ND	ND	ND	ND	ND
10	YM1	ND	ND	ND	ND	ND	48	ND	ND	48	795	112	ND	ND	ND
11	YM1	ND	ND	ND	ND	ND	574	147	55	776	ND	ND	ND	ND	ND
11	WM1	ND	ND	ND	ND	ND	2 900	600	413	3 913	ND	ND	ND	ND	ND
12	WM2	ND	ND	ND	ND	ND	153	27	ND	180	ND	ND	ND	ND	ND
12	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12	YM1	ND	ND	ND	ND	ND	31	ND	ND	31	ND	ND	ND	ND	ND
12	WM1	ND	ND	ND	ND	ND	93	21	ND	114	ND	ND	ND	ND	ND
12	YM1	ND	ND	ND	ND	ND	550	126	38	714	387	103	ND	ND	ND
13	WM1	ND	ND	ND	ND	ND	337	75	37	449	ND	ND	ND	ND	ND
13	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	COM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13	WM2	ND	ND	ND	ND	ND	29	ND	ND	29	672	ND	ND	ND	ND
13	WM1	ND	ND	ND	ND	ND	96	24	ND	120	ND	ND	ND	ND	ND
13	YM1	ND	ND	ND	ND	ND	157	37	ND	194	1 182	381	ND	ND	ND
13	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	375	ND	ND	ND	ND

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg				DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOD: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg	
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg							Total
		ND	ND	ND	ND	ND	938	205	101							1244
13	YM2	ND	ND	ND	ND	ND	938	205	101	1244	ND	ND	ND	ND	ND	
13	WM2	ND	ND	ND	ND	ND	320	168	27	515	ND	ND	ND	ND	ND	
13	YM1	ND	ND	ND	ND	ND	400	95	23	518	ND	ND	ND	ND	ND	
13	WM1	ND	ND	ND	ND	ND	128	39	ND	167	638	136	ND	ND	ND	
13	WM1	ND	ND	ND	ND	ND	168	33	21	222	526	115	ND	ND	ND	
13	WM1	ND	ND	ND	ND	ND	208	46	ND	254	333	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	137	32	ND	169	612	137	ND	ND	ND	
14	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	155	32	23	210	ND	ND	ND	ND	ND	
14	YM1	ND	ND	ND	ND	ND	166	42	ND	208	ND	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14	YM1	ND	ND	ND	ND	ND	309	121	26	456	ND	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	51	ND	ND	51	309	ND	ND	ND	ND	
14	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	278	51	23	352	149	ND	ND	ND	ND	
14	WM2	ND	ND	ND	ND	ND	431	99	38	568	872	156	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	87	20	ND	107	372	ND	ND	ND	ND	
14	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	348	ND	ND	ND	ND	
15	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17	WM1	ND	ND	ND	ND	ND	82	ND	ND	82	ND	ND	ND	ND	ND	
17	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
17	WM1	ND	ND	ND	ND	ND	65	ND	ND	65	ND	ND	ND	ND	ND	
17	YM1	ND	ND	ND	ND	ND	34	ND	ND	34	ND	ND	ND	ND	ND	
17	WM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	7 698	964	ND	52	ND	
17	YM1	ND	ND	ND	ND	ND	38	ND	ND	38	583	147	ND	ND	ND	
17	WM2	ND	ND	ND	ND	ND	101	22	ND	123	ND	ND	ND	ND	ND	
17	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	118	113	ND	ND	ND	

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOB: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg		
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg							B ₃ LOQ: 20 µg/kg	Total
		ND	ND	ND	ND	ND	ND	ND							ND	ND
18	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
18	YM1	ND	ND	ND	ND	ND	ND	ND	156	ND	ND	ND	ND			
18	WM1	ND	ND	ND	ND	32	ND	ND	145	ND	ND	ND	ND			
18	YM1	ND	ND	ND	ND	318	74	21	103	ND	ND	ND	ND			
19	WM2	ND	ND	ND	ND	332	92	32	ND	ND	ND	ND	ND			
19	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
19	YM1	ND	ND	ND	ND	29	ND	ND	ND	ND	ND	ND	ND			
19	YM1	ND	ND	ND	ND	37	ND	ND	ND	ND	ND	ND	ND			
19	COM	ND	ND	ND	ND	301	82	23	ND	ND	ND	ND	ND			
19	WM1	ND	ND	ND	ND	248	101	24	ND	ND	ND	ND	ND			
19	YM2	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	ND	ND			
19	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
19	WM2	ND	ND	ND	ND	1 038	278	125	1 372	215	65	ND	ND			
19	YM1	ND	ND	ND	ND	ND	ND	ND	701	134	113	ND	ND			
20	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
20	YM2	ND	ND	ND	ND	56	ND	ND	ND	ND	ND	ND	ND			
20	WM1	ND	ND	ND	ND	103	20	ND	ND	ND	ND	ND	ND			
20	YM2	ND	ND	ND	ND	237	33	23	ND	ND	ND	ND	ND			
20	WM1	ND	ND	ND	ND	78	21	ND	102	ND	ND	ND	ND			
20	YM1	ND	ND	ND	ND	74	ND	ND	1 488	341	ND	ND	ND			
20	WM1	ND	ND	ND	ND	ND	ND	ND	137	ND	ND	ND	ND			
20	WM1	ND	ND	ND	ND	21	ND	ND	213	ND	ND	ND	ND			
20	YM3	ND	ND	ND	ND	419	107	21	228	ND	ND	ND	ND			
20	WM1	ND	ND	ND	ND	ND	ND	ND	401	ND	ND	ND	ND			
20	YM1	ND	ND	ND	ND	ND	ND	ND	426	ND	ND	ND	ND			
21	WM1	ND	ND	ND	ND	51	ND	ND	671	ND	ND	ND	ND			
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
21	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
21	YM1	ND	ND	ND	ND	423	141	42	ND	ND	ND	ND	ND			
21	WM1	ND	ND	ND	ND	302	50	ND	522	111	ND	ND	ND			

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Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOB: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁	B ₁	G ₂	B ₂	Total								
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	B ₁	B ₂	B ₃						
21	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	YM1	ND	ND	ND	ND	63	ND	ND	63	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	46	ND	ND	46	147	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	199	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	814	130	ND	ND	ND	ND
21	YM1	ND	ND	ND	ND	ND	ND	ND	143	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	194	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	65	ND	ND	65	ND	ND	ND	ND	ND
21	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	357	83	40	480	172	ND	ND	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	WM2	ND	ND	ND	ND	ND	ND	ND	ND	1 868	365	73	ND	ND
21	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
21	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	148	58	ND	206	146	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	ND	ND	ND	ND	141	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	22	ND	ND	22	ND	ND	ND	ND	ND
22	YM1	ND	ND	ND	ND	270	65	23	358	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	53	ND	ND	53	133	ND	ND	ND	ND
22	YM1	ND	ND	ND	ND	153	33	ND	186	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	199	30	21	250	ND	ND	ND	ND	ND
22	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
22	WM1	ND	ND	ND	ND	ND	ND	ND	ND	172	ND	ND	ND	ND

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOB: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	Total	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg						
22	WM1	ND	ND	ND	ND	ND	166	27	ND	193	552	109	ND	ND
23	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	117	ND	ND	ND
23	YM2	ND	ND	ND	ND	ND	180	51	ND	231	ND	ND	ND	ND
23	WM1	ND	ND	ND	ND	ND	185	90	23	298	ND	ND	ND	ND
23	YM1	ND	ND	ND	ND	ND	208	48	21	277	ND	ND	ND	ND
23	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
23	YM1	ND	ND	ND	ND	ND	37	ND	ND	37	ND	ND	ND	ND
23	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	YM1	ND	ND	ND	ND	ND	105	ND	ND	105	ND	ND	ND	ND
24	YM1	ND	ND	ND	ND	ND	72	ND	ND	72	ND	ND	ND	ND
24	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	165	ND	ND	ND
24	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
24	YM1	ND	ND	ND	ND	ND	20	ND	ND	20	ND	ND	ND	ND
24	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	114	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	WM1	ND	ND	ND	ND	ND	111	26	ND	137	ND	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	145	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
25	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	WM1	ND	ND	ND	ND	ND	645	115	76	836	ND	ND	ND	ND
26	COM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOB: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg		
		G ₁	B ₁	G ₂	B ₂	Total	B ₁	B ₂							B ₃	Total
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg		LOQ: 20 µg/kg	LOQ: 20 µg/kg							LOQ: 20 µg/kg	
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	659	149	39	847	ND	ND	ND			
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	WM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	299	54	25	378	ND	ND	ND			
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	1300	227	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
26	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	1 381	252	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	243	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	125	ND	ND	ND	ND			
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
28	WM1	ND	ND	ND	ND	ND	ND	ND	1 476	316	30	ND	ND			

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOB: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg	
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg							Total
		Total				Total									Total
28	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
28	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
28	WM1	ND	ND	ND	ND	ND	ND	105	ND	ND	ND	ND	ND		
28	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	490	179	ND	ND	ND	ND		
29	YM2	ND	ND	ND	ND	186	50	27	263	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	ND	ND	901	153	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	214	54	268	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	37	ND	37	ND	ND	ND	ND	ND		
29	WM2	ND	ND	ND	ND	53	ND	53	293	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	ND	ND	104	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	122	ND	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	223	88	24	335	ND	ND	ND	ND		
29	WM2	ND	ND	ND	ND	207	25	38	270	350	399	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
29	WM2	ND	ND	ND	ND	931	150	78	1 159	418	106	ND	ND		

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg		
		G ₁	B ₁	G ₂	B ₂	Total	B ₁	B ₂							B ₃	Total
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg		LOQ: 20 µg/kg	LOQ: 20 µg/kg							LOQ: 20 µg/kg	
29	WM1	ND	ND	ND	ND	ND	27	ND	ND	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	80	21	ND	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	22	ND	ND	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
29	WM1	ND	ND	ND	ND	ND	162	47	ND	124	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	ND	ND	154	ND	ND	ND	ND			
29	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
29	WM2	ND	ND	ND	ND	ND	69	ND	ND	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	46	ND	ND	ND	ND	ND	ND			
30	WM1	ND	ND	ND	ND	ND	ND	ND	1 059	169	ND	ND	ND			
30	WM2	ND	ND	ND	ND	ND	96	22	2 366	212	34	ND	ND			
30	WM1	ND	ND	ND	ND	ND	131	24	1717	240	ND	ND	ND			
30	YM3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	COM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	WM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	1 085	124	24	ND	ND			
30	WM1	ND	ND	ND	ND	ND	ND	ND	236	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	179	ND	ND	ND	ND			
30	WM2	ND	ND	ND	ND	ND	ND	ND	1 838	134	26	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
30	WM2	ND	ND	ND	ND	ND	2 396	745	189	ND	ND	ND	ND			
30	WM3	ND	ND	ND	ND	ND	ND	ND	7 671	802	292	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	1 552	212	ND	ND	ND			
30	WM1	ND	ND	ND	ND	ND	71	ND	281	ND	ND	ND	ND			
30	YM1	ND	ND	ND	ND	ND	ND	ND	278	ND	ND	ND	ND			
30	WM1	ND	ND	ND	ND	ND	ND	ND	435	ND	ND	ND	ND			

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁	B ₁	G ₂	B ₂	Total								
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	B ₁	B ₂	B ₃						
31	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	WM2	ND	ND	ND	ND	209	45	ND	254	400	ND	21	ND	ND
31	YM1	ND	ND	ND	ND	ND	ND	ND	ND	115	ND	ND	ND	ND
31	COM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
31	WM1	ND	ND	ND	ND	ND	ND	ND	ND	332	49	ND	ND	ND
31	YM1	ND	ND	ND	ND	201	33	ND	234	ND	ND	ND	ND	ND
31	YM1	ND	ND	ND	ND	68	ND	ND	68	ND	ND	ND	ND	ND
31	WM2	ND	ND	ND	ND	1 527	431	177	2 135	332	32	32	ND	ND
31	YM1	ND	ND	ND	ND	141	27	ND	168	151	ND	ND	ND	ND
31	WM1	ND	ND	ND	ND	ND	ND	ND	ND	998	156	ND	ND	ND
31	WM1	ND	ND	ND	ND	46	ND	ND	46	ND	ND	ND	ND	ND
32	WM2	ND	ND	ND	ND	ND	ND	ND	ND	626	ND	ND	ND	ND
32	WM1	ND	ND	ND	ND	47	ND	ND	47	681	108	ND	ND	ND
32	YM1	ND	ND	ND	ND	2 943	753	329	4 025	272	ND	ND	ND	ND
32	WM3	ND	ND	ND	ND	205	42	ND	247	138	ND	ND	ND	ND
32	YM1	ND	ND	ND	ND	25	ND	ND	25	188	ND	ND	ND	ND
32	YM1	ND	ND	ND	ND	93	ND	ND	93	ND	ND	ND	ND	ND
32	WM1	ND	ND	ND	ND	ND	ND	ND	ND	195	106	ND	ND	ND
32	YM1	ND	ND	ND	ND	287	55	37	379	ND	ND	ND	ND	ND
32	WM2	ND	ND	ND	ND	171	42	ND	213	1 777	171	ND	ND	ND
32	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	WM2	ND	ND	ND	ND	ND	ND	ND	ND	211	ND	ND	ND	ND
32	YM1	ND	ND	ND	ND	126	ND	ND	126	ND	ND	ND	ND	ND
32	WM2	ND	ND	ND	ND	42	ND	ND	42	5 265	655	142	ND	ND
32	YM1	ND	ND	ND	ND	171	56	ND	227	ND	ND	ND	ND	ND
32	WM1	ND	ND	ND	ND	ND	ND	ND	ND	1 150	114	ND	ND	ND
32	YM1	ND	ND	ND	ND	100	ND	ND	100	ND	ND	ND	ND	ND
32	WM1	ND	ND	ND	ND	448	132	31	611	ND	ND	ND	ND	ND
32	WM2	ND	ND	ND	ND	ND	ND	ND	ND	2 318	266	46	ND	ND
32	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg	
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg	B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg							Total
		Total				Total									Total
33	WM1	ND	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND		
33	WM2	ND	ND	ND	ND	203	51	ND	254	ND	ND	ND	ND		
33	YM1	ND	ND	ND	ND	585	108	45	738	ND	ND	ND	ND		
33	WM2	ND	ND	ND	ND	ND	ND	ND	ND	494	112	ND	ND		
33	WM1	ND	ND	ND	ND	102	26	ND	128	657	181	ND	ND		
33	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
33	YM1	ND	ND	ND	ND	121	38	ND	159	ND	ND	ND	ND		
33	COM	ND	ND	ND	ND	33	ND	ND	33	1 742	23	ND	ND		
33	WM1	ND	ND	ND	ND	ND	ND	ND	ND	233	ND	ND	ND		
33	YM1	ND	ND	ND	ND	63	22	ND	85	ND	ND	ND	ND		
33	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
33	WM1	ND	ND	ND	ND	23	ND	ND	23	ND	ND	ND	ND		
33	WM1	ND	ND	ND	ND	ND	ND	ND	ND	220	ND	ND	ND		
33	YM1	ND	ND	ND	ND	109	27	38	174	ND	ND	ND	ND		
33	YM1	ND	ND	ND	ND	512	161	53	726	ND	ND	ND	ND		
33	WM2	ND	ND	ND	ND	45	ND	ND	45	ND	ND	ND	ND		
33	WM1	ND	ND	ND	ND	43	ND	ND	43	ND	ND	ND	ND		
33	YM2	ND	ND	ND	ND	4 463	1 088	508	6 059	ND	ND	ND	ND		
33	COM	ND	ND	ND	ND	875	172	78	1 125	ND	ND	ND	ND		
33	WM1	ND	ND	ND	ND	681	114	90	885	107	ND	ND	ND		
33	WM1	ND	ND	ND	ND	42	ND	ND	42	ND	ND	ND	ND		
33	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
33	WM1	ND	ND	ND	ND	ND	ND	ND	ND	1 228	210	ND	ND		
33	WM1	ND	ND	ND	ND	ND	ND	ND	ND	1 792	171	125	ND		
33	WM2	ND	ND	ND	ND	467	102	36	605	266	ND	ND	ND		
34	WM1	ND	ND	ND	ND	41	ND	ND	41	ND	ND	ND	ND		
34	WM1	ND	ND	ND	ND	ND	ND	ND	ND	1 744	328	47	ND		
34	WM2	ND	ND	ND	ND	ND	ND	ND	ND	2 910	364	51	ND		
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
34	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Fumonisin µg/kg			DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOQ: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁	B ₁	G ₂	B ₂	Total								
		LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	LOQ: 5 µg/kg	B ₁	B ₂	B ₃						
34	WM1	ND	ND	ND	ND	ND	ND	ND	120	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	508	122	33	321	663	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	20	ND	ND	133	20	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	533	140	35	187	708	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	43	ND	ND	245	43	ND	ND	ND	ND
34	YM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	2 283	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	256	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	1 296	133	22	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	3 157	258	117	ND	ND	ND
34	YM1	ND	ND	ND	ND	411	135	49	ND	595	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	YM1	ND	ND	ND	ND	981	231	95	ND	1 307	ND	ND	ND	ND
35	WM3	ND	ND	ND	ND	24	ND	ND	ND	24	ND	ND	ND	ND
35	YM2	ND	ND	ND	ND	75	ND	ND	ND	75	ND	ND	ND	ND
35	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	YM1	ND	ND	ND	ND	38	ND	ND	ND	38	ND	ND	ND	ND

TABLE 24: MYCOTOXIN RESULTS - MAIZE CROP QUALITY 2016/2017 (continue)

Region	Grade	Aflatoxin µg/kg				Total	Fumonisin µg/kg				DON µg/kg LOQ: 100 µg/kg	15-ADON µg/kg LOQ: 100 µg/kg	Ochratoxin A µg/kg LOQ: 5 µg/kg	Zearalenone µg/kg LOQ: 20 µg/kg	HT-2 µg/kg LOD: 20 µg/kg	T-2 µg/kg LOQ: 20 µg/kg
		G ₁ LOQ: 5 µg/kg	B ₁ LOQ: 5 µg/kg	G ₂ LOQ: 5 µg/kg	B ₂ LOQ: 5 µg/kg		B ₁ LOQ: 20 µg/kg	B ₂ LOQ: 20 µg/kg	B ₃ LOQ: 20 µg/kg	Total						
36	YM1	ND	ND	ND	ND	ND	335	83	35	453	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	448	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	374	104	29	507	ND	ND	ND	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	WM3	ND	ND	ND	ND	ND	ND	ND	ND	ND	116	ND	ND	ND	ND	ND
36	WM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	255	105	ND	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	WM2	ND	ND	ND	ND	ND	ND	ND	ND	ND	3 836	387	61	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	182	48	ND	230	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	278	71	ND	349	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	521	130	41	692	286	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	97	22	ND	119	278	ND	21	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	30	ND	ND	30	1 286	ND	128	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	562	152	69	783	ND	ND	ND	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	22	ND	ND	22	ND	ND	ND	ND	ND	ND
36	WM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
36	YM1	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	ND	ND	ND	ND	ND
Total number of samples		350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Average of total number of samples		0	0	0	0	0	146	33	12	191	339	41	0	0	0	0
Number of positive results		0	0	0	0	0	155	100	61	155	129	56	0	0	0	0
Average of positive results		-	-	-	-	-	330	115	69	431	919	254	-	-	-	-
Maximum of positive results		-	-	-	-	-	4 463	1 088	508	6 059	7 698	964	-	-	-	-

Note:

Limit of quantitation (LOQ) means the lowest concentration level that can be quantified with acceptable precision and accuracy by the LC-MS/MS.

A concentration measured below the LOQ is reported as <LOQ.

Limit of detection (LOD) is the lowest concentration level that can be detected but not quantified and is 50% of the LOQ of each mycotoxin.

A concentration measured below the LOD is reported as not detected (ND).

µg/kg = ppb (parts per billion)

TABLE 25: MYCOTOXIN RESULTS - SUMMARY OF SEASONS 2005/2006 TO 2016/2017

Season	Total Number of samples received	Number of samples tested for mycotoxins	Aflatoxin µg/kg		Fumonisin µg/kg		Deoxynivalenol µg/kg		Zearalenone µg/kg		Ochratoxin A µg/kg		T-2 Toxin µg/kg			
			ave.	min.	max.	ave.	min.	max.	ave.	min.	max.	ave.	min.	max.		
2005/2006	900	90	0	0	0	970	0	13 000	2 740	0	6 200	0	390	0	2.9	Not tested
2006/2007	900	90	<1	0	9	640	0	4 500	530	0	3 100	0	0	0	6.5	Not tested
2007/2008	900	100	0	0	2	470	0	5 500	240	0	1 700	0	100	0	2	Not tested
2008/2009	810	90	0	0	0	490	0	3 300	430	0	2 900	0	160	0	1	Not tested
**2009/2010	800	90	0	0	0	251	0	4 035	206	0	1 845	0	0	0	0	0
*2010/2011	693	325	0	0	0	468	0	7 048	165	0	1835	0	270	0	0	0
**2011/2012	1 000	350	0	0	0	383	0	11 297	146	0	911	0	297	0	0	0
**2012/2013	1 000	350	0	0	0	530	0	11 243	186	0	1 175	0	426	0	0	2
**2013/2014	930	350	0	0	0	451	0	5 357	243	0	6 134	0	445	0	0	0
**2014/2015	1 000	350	2	0	48	357	0	3 382	397	0	9 736	0	337	0	0	0
**2015/2016	920	350	0	0	0	444	0	11 347	175	0	1 585	0	127	0	0	0
**2016/2017	1 000	350	0	0	0	471	0	6 059	513	0	7 698	0	399	0	0	0
Total	10 853	2 885														
	Min.															
	Max.															232

* Sum of Aflatoxin (G₁; B₁; G₂; B₂) and sum of Fumonisin (B₁; B₂)

** Sum of Aflatoxin (G₁; B₁; G₂; B₂) and sum of Fumonisin (B₁; B₂; B₃)

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Mycotoxin methodology

Technique used for season 2005/2006 - 2006/2007

The mycotoxin analyses were carried out in accordance with the Vicam Immunoaffinity Column Chromatography method using the different Vicam Instruction Manuals for the different mycotoxins. Detection of the toxins was done on a Fluorometer. The following range and limit of detection apply for each toxin:

Mycotoxin	Assay range µg/kg	LOD for maize µg/kg
Aflatoxin	0 - 300	1
Fumonisin	0 - 10 000	250
Deoxynivalenol	500 - 50 000	500
Zearalenone	0 - 5 000	100
Ochratoxin A	0 - 50	2
T - 2 Toxin	150 - 2 000	150

Notes:

Limit of detection (LOD) means the lowest level that can be detected accurately by the technique.
 Limit of quantitation (LOQ) means the lowest level that can be quantified accurately by the technique.
 A result above zero but lower than the limit of detection/quantitation, is reported as <LOD/<LOQ.
 µg/kg = ppb (parts per billion)

■ RSA averages calculated from averages per province.

Technique used for season 2007/2008 - 2008/2009

The SAGL used the ROSA (Rapid One Step Assay) Quantitative test, which is a lateral flow immuno assay test, together with the ROSA-M Reader for measuring the mycotoxin content. The following range and limit of detection apply for each toxin:

Mycotoxin	Assay range µg/kg	LOD for maize µg/kg
Aflatoxin	0 - 100	2
Fumonisin	0 - 60 000	100
Deoxynivalenol	0 - 5 000	250
Zearalenone	0 - 1 000	25
Ochratoxin A	0 - 150	1

Technique used for season 2009/2010 - 2016/2017

During 2010 SAGL implemented a multi-mycotoxin screening method using UPLC-MS/MS. The following limit of detection applies for each toxin:

Mycotoxin	LOQ for maize µg/kg	LOD for maize µg/kg
Aflatoxin G ₁	5	2.5
Aflatoxin B ₁	5	2.5
Aflatoxin G ₂	5	2.5
Aflatoxin B ₂	5	2.5
Fumonisin B ₁	20	10
Fumonisin B ₂	20	10
Fumonisin B ₃	20	10
Deoxynivalenol	100	50
Zearalenone	20	10
Ochratoxin A	5	2.5
T - 2 Toxin	20	10